



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

<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 7 November 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Wrays Solutions Pty Ltd v Zhejiang Zhuji United Chemicals Co., Ltd.* [2024] APO 44**

Patent Application:	2019446196
Title:	High-purity thermostable crystal form of substituted 3-isoxazolidinone compound, preparation method therefor, and application thereof
Patent Applicant:	Zhejiang Zhuji United Chemicals Co., Ltd
Opponent:	Wrays Solutions Pty Ltd
Delegate:	Leslie F. McCaffery
Decision Date:	29 October 2024
Hearing Date:	29 July 2024, in Canberra.
Catchwords:	PATENTS – opposition under section 59 – polymorphs – construction – novelty – inventive step – utility – clarity – support – clear enough and complete enough disclosure – opposition successful on grounds of novelty, inventive step, clarity, clear enough and complete enough disclosure, support and utility – costs awarded – applicant given opportunity to amend.
Representation:	Counsel for the applicant: David Larish Patent attorney for the applicant: Serena White and Charles Tansey of Spruson & Ferguson Counsel for the opponent: Melissa McGrath Patent attorneys for the opponent: Daniel Beck, Craig Humphris and Bindhu Holavanahalli of Wrays

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 7 November 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2024] APO 43

Patent Application:	2018201720
Title:	Wear part monitoring
Patent Applicant:	ESCO Group LLC
Opponent:	CQMS Pty Ltd
Delegate:	Andrew Burgess
Decision Date:	28 October 2024
Hearing Date:	19 December 2023, by Video conference
Catchwords:	PATENTS – opposition to the grant of the patent under s 59 – novelty – no clear and unmistakable directions - claims have novelty –inventive step – common general knowledge combined with prior art – claims do not comprise an inventive step – support – claimed invention extends beyond the technical contribution to the art –claims not supported – clear enough and complete enough disclosure– claims not enabled across whole scope – subsection 60(3) –opposition successful – opportunity to amend – costs awarded
Representation:	Counsel for the applicant: Mr. Tom Cordiner KC Patent attorney for the applicant: Shyama Jayaswal and Rebecca Dutkowski of Minter Ellison Counsel for the opponent: Mr. Peter Creighton-Selvay and Ms Amy Surkis Patent attorney for the opponent: Alexia Mayer of James & Wells.

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 22 Oct 2024 .

(71) Agrimix Pty Ltd (21) 2024903468 (22) 25.10.2024 (54) A method of quantifying the carbon footprint of livestock	to others upon initial interaction in the workplace and social environments	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903444 (22) 23.10.2024 (54) Function Identity Prediction
(71) Aim Lab Automation Technologies Pty Ltd (21) 2024903460 (22) 25.10.2024 (54) APPARATUS FOR ASPIRATING AND DISPENSING A SAMPLE	(71) Brew, M. (21) 2024903502 (22) 29.10.2024 (54) Mute Mate: A guitar string Dampening Device	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903467 (22) 25.10.2024 (54) SENSOR ASSEMBLY
(71) Aimwell Holding Pty Ltd (21) 2024903505 (22) 29.10.2024 (54) Modular and Configurable Respirator mask	(71) Callington Haven Pty Ltd (21) 2024903439 (22) 23.10.2024 (54) Residual insecticide composition and use thereof	(71) Cylite Pty Ltd (21) 2024903434 (22) 23.10.2024 (54) Apparatus with Switchable Configuration for Optical Coherence Tomography and Metrology of an Eye
Alma Mater Studiorum - Universita' Di Bologna see NewSouth Innovations Pty Limited (21) 2024903442	(71) Callington Haven Pty Ltd (21) 2024903440 (22) 23.10.2024 (54) Insecticide composition and use thereof	(71) Dennison Technologies Limited (21) 2024903503 (22) 29.10.2024 (54) ACTUATING MATERIAL AND ITS PRODUCTION
(71) Baker, R. (21) 2024903482 (22) 27.10.2024 (54) AUTONOMOUS VEHICLE NAVIGATION SYSTEM	(71) CAMP CONNECT PTY LTD (21) 2024903445 (22) 23.10.2024 (54) Urgent Duress system & technology with offline GIS wayfinding & surveillance incorporation	(71) Desertmaster Intellectual Property Pty Ltd (21) 2024903476 (22) 25.10.2024 (54) Formation of outer shell of caravan or RV
(71) Bates, P. (21) 2024903418 (22) 22.10.2024 (54) ENHANCEMENT SUPPLEMENT FOR GAMERS	(71) Caton, A. (21) 2024903488 (22) 28.10.2024 (54) The process of using used tyres and plastics for shielding purposes	(71) DOM Distribution (21) 2024903451 (22) 24.10.2024 (54) A detachable dual-powered drive assist system kit
(71) Bend-tech Investments 1 Pty Ltd (21) 2024903498 (22) 28.10.2024 (54) Supporting base for electrical rails	(71) Clarity Pharmaceuticals Ltd (21) 2024903486 (22) 28.10.2024 (54) Cancer targeting compounds and methods for their production	(71) Electro Magnetic Measurements P/L (21) 2024903453 (22) 24.10.2024 (54) A WARNING SYSTEM TO DETERMINE IN REAL TIME, IF AIRCRAFT WAKE VORTICES ARE A HAZARD TO A FOLLOWING AIRCRAFT
(71) Boag, D. (21) 2024903501 (22) 28.10.2024 (54) The process and method of wearing or displaying a small transitional three-coloured device to display current mood	(71) Clark, J. (21) 2024903421 (22) 22.10.2024 (54) Pulsed Electromagnetic Therapy System	
	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024903443 (22) 23.10.2024 (54) Training deep learning models	

Provisional Applications Filed - Name Index cont'd

(71) Fell, P.
(21) 2024903522 (22) 29.10.2024
(54) 520 Hertz square wave sounding domestic residential smoke alarm

(71) Fortitude Essentials Pty Ltd
(21) 2024903437 (22) 23.10.2024
(54) Mobile disability support facility management system

(71) Fortitude Essentials Pty Ltd
(21) 2024903499 (22) 28.10.2024
(54) Transitional Accommodation Facility with Enhanced Accessibility and Monitoring Features

(71) Gale Pacific Limited
(21) 2024903420 (22) 22.10.2024
(54) Portable Shade Structure

(71) Geosentinel Holdings Pty Ltd
(21) 2024903471 (22) 25.10.2024
(54) APPARATUS FOR WASHING TRADES EQUIPMENT

(71) GoldQuip Pty Ltd
(21) 2024903479 (22) 25.10.2024
(54) A SCREEN SYSTEM

(71) Groblox Pty Ltd
(21) 2024903517 (22) 29.10.2024
(54) Connector for a modular building

(71) Habla Zig-Zag Kilns International Pty. Ltd.
(21) 2024903483 (22) 28.10.2024
(54) A Continuous Kiln

(71) Haddock, C.
(21) 2024903432 (22) 23.10.2024
(54) RIP DECK

(71) HaemaLogiX Ltd
(21) 2024903425 (22) 22.10.2024
(54) Multi-specific anti-KMA binding proteins

(71) HaemaLogiX Ltd
(21) 2024903428 (22) 22.10.2024
(54) Anti-LMA binding proteins

(71) HaemaLogiX Ltd
(21) 2024903429 (22) 22.10.2024
(54) Lambda myeloma antigen chimeric antigen receptors and uses thereof

(71) Hakfoort, J.
(21) 2024903492 (22) 28.10.2024
(54) An Electric Machine

(71) Hoey, D.
(21) 2024903507 (22) 29.10.2024
(54) VEHICLE MIRROR APPARATUS

(71) Holmes, D.
(21) 2024903487 (22) 28.10.2024
(54) Jo : Eco Delivery

(71) HOPE, G.
(21) 2024903475 (22) 25.10.2024
(54) SOLAR TRACKER SYSTEM

(71) Hopwood, L.
(21) 2024903472 (22) 25.10.2024
(54) DATA COMMUNICATIONS NETWORK AND METHOD FOR FACILITATING RACEHORSE SELECTION

(71) Howe, J.
(21) 2024903446 (22) 23.10.2024
(54) Two Piece Under High Chair Food Catcher System

(71) Hristovska, M.
(21) 2024903480 (22) 25.10.2024
(54) Bra Strap Attachment Assembly

(71) Infrabuild Wire Pty Ltd
(21) 2024903452 (22) 24.10.2024
(54) SECURING DEVICE

(71) Jacklwayne Pty Limited
(21) 2024903433 (22) 23.10.2024
(54) Animal Restraint Attachment

(71) JLR Holdings (WA) Pty Ltd
(21) 2024903464 (22) 25.10.2024
(54) MODULAR BUILDING WITH INTEGRATED LIFTING SYSTEM

(71) Johnston, M.
(21) 2024903423 (22) 22.10.2024
(54) An Improved Electric Roof lifting System for Pop Up Camper Trailers

(71) Katana Foundations Australia Pty Ltd
(21) 2024903465 (22) 25.10.2024
(54) SCREW PILE BARRIER SUPPORT SYSTEM

(71) Kemp, B.
(21) 2024903463 (22) 25.10.2024
(54) Emergency Wound Clamp

(71) KIELY, M.
(21) 2024903436 (22) 23.10.2024
(54) A NASAL TUBE HOLDER

(71) Knox, M.
(21) 2024903450 (22) 24.10.2024
(54) Method and Apparatus for Repairing Wall and/or Ceiling panels

(71) Koorey, J.
(21) 2024903513 (22) 29.10.2024
(54) INTERCHANGABLE ACTUATION SYSTEM

Latham, S. see Vyrodov, V.
(21) 2024903520

(71) MANOLAS, Y.
(21) 2024903458 (22) 24.10.2024
(54) METHOD AND PROCESS FOR CUSTOMISABLE LEASING AND PROPERTY MANAGEMENT SERVICES VIA AN INTEGRATED DIGITAL MARKET PLACE AND BIDDING SYSTEM

(71) MATLOOB, M.
(21) 2024903449 (22) 24.10.2024
(54) Invention Title: AI-Powered Music Industry Mentorship Platform Category: Education and Entertainment

(71) Mikaelian, R.
(21) 2024903481 (22) 27.10.2024
(54) Vortex Electro-Aeration Apparatus

(71) Nanomedx, Inc.
(21) 2024903457 (22) 24.10.2024
(54) Balloon catheter

(71) Natural Growth Partners Pty Ltd
(21) 2024903477 (22) 25.10.2024
(54) Reservoir and Stake Apparatus

(71) Nelson, P.
(21) 2024903500 (22) 28.10.2024
(54) SYSTEM AND METHOD

(71) Neuren Pharmaceuticals Limited
(21) 2024903490 (22) 28.10.2024
(54) Oral composition

(71) NewSouth Innovations Pty Limited; Alma Mater Studiorum - Universita' Di Bologna
(21) 2024903442 (22) 23.10.2024
(54) Method of quantifying nucleic acids

(71) Nunhems Netherlands B.V.
(21) 2024903496 (22) 28.10.2024
(54) TOMATO VARIETY NUN 00528 TOP

Provisional Applications Filed - Name Index cont'd

(71) nviro1 Pty Ltd
(21) 2024903447 (22) 23.10.2024
(54) CLOSURE DEMOLDING SYSTEM

(71) Oldham, J.
(21) 2024903456 (22) 24.10.2024
(54) Air Conditioner Duct Connection

(71) Pokit Technologies Pty Ltd
(21) 2024903491 (22) 28.10.2024
(54) SYNCHRONISATION OF DEVICES CONCURRENTLY MEASURING ELECTRICAL PARAMETERS

(71) Poulos, T.
(21) 2024903509 (22) 29.10.2024
(54) Digital Content Registration and Verification System for AI-Generated Media

(71) Print365 Pty Ltd
(21) 2024903455 (22) 24.10.2024
(54) Modular Building Systems

(71) Pty Ltd, R.; ResMed Sensor Technologies Limited; ResMed Asia Pacific Limited
(21) 2024903504 (22) 29.10.2024
(54) A SYSTEM AND METHOD FOR TREATING SLEEP-RELATED RESPIRATORY DISORDERS

(71) Pty Ltd, R.; ResMed Asia Pacific Limited; ResMed Asia Pte. Ltd.
(21) 2024903506 (22) 29.10.2024
(54) A SYSTEM AND METHOD FOR TREATING SLEEP-RELATED RESPIRATORY DISORDERS

(71) REGEN ENERGY SYSTEM PTY LTD
(21) 2024903470 (22) 25.10.2024
(54) RECIRCULATING HYDROPOWER SYSTEM

(71) REGEV, J.
(21) 2024903497 (22) 28.10.2024
(54) Oxy-fuel cutting safety apparatus

ResMed Asia Pacific Limited see Pty Ltd, R.
(21) 2024903504

ResMed Asia Pacific Limited see Pty Ltd, R.
(21) 2024903506

ResMed Asia Pte. Ltd. see Pty Ltd, R.
(21) 2024903506

ResMed Sensor Technologies Limited see Pty Ltd, R.
(21) 2024903504

(71) resQdevices Pty Ltd
(21) 2024903438 (22) 23.10.2024
(54) Configurable wheel and transport with reconfigurable wheel

Rubicon Research Pty Ltd see The University of Melbourne
(21) 2024903419

(71) RYW HOLDINGS PTY LTD
(21) 2024903441 (22) 23.10.2024
(54) AN ADDITIVE COMPOSITION, METHOD AND MACHINERY FOR PRODUCING THE ADDITIVE COMPOSITION AND PRODUCTS MADE WITH THE ADDITIVE COMPOSITION

(71) Sepasspour, M.
(21) 2024903435 (22) 23.10.2024
(54) Automated Vehicle Speed Limitation System

(71) Sharp Initiatives Pty Ltd
(21) 2024903466 (22) 25.10.2024
(54) New Process for fitting the party walls of broad rectangular modular units onto drop-down trailers for transporting such units to site whilst complying with the width requirements of road transport regulations

(71) Stabilcorp Pty Ltd
(21) 2024903493 (22) 28.10.2024
(54) Skid Steer Attachment

(71) St Vincent's Hospital
(21) 2024903454 (22) 24.10.2024
(54) MOLECULAR ASSAY FOR DETECTING HIV-1 DRUG-RESISTANT MUTATIONS

(71) St Vincent's Institute of Medical Research
(21) 2024903494 (22) 28.10.2024
(54) Combination treatment

(71) Swinburne University of Technology
(21) 2024903508 (22) 29.10.2024
(54) An Ultrasound Imaging System and Method

(71) Syntara Limited
(21) 2024903510 (22) 29.10.2024
(54) Combination treatments for metabolic disorders

(71) The Bionics Institute of Australia
(21) 2024903474 (22) 25.10.2024
(54) Systems and methods for delivering stimulation

(71) The University of Melbourne; Rubicon Research Pty Ltd
(21) 2024903419 (22) 22.10.2024
(54) WATER DISTRIBUTION SYSTEM USING BALANCED STORAGE

(71) The University of Newcastle
(21) 2024903478 (22) 25.10.2024
(54) CARDIOPROTECTIVE ANTI-CANCER COMBINATIONS

(71) The University of Sydney
(21) 2024903469 (22) 25.10.2024
(54) Protein cages

(71) The University of Sydney
(21) 2024903495 (22) 28.10.2024
(54) Microbial enzyme-mediated hydrolysis for composite recycling

(71) The University of Sydney
(21) 2024903511 (22) 29.10.2024
(54) Self-assembled monolayers

(71) Think Tank 42 Pty Ltd
(21) 2024903461 (22) 25.10.2024
(54) A method and system for carbon capture and recycling

(71) Towers, T.
(21) 2024903448 (22) 24.10.2024
(54) Powered Gardening Tool with Reciprocating Implement

(71) University of Tasmania
(21) 2024903485 (22) 28.10.2024
(54) Receptor modulators and methods

(71) URBAN PLANT GROWERS PTY LTD
(21) 2024903462 (22) 25.10.2024
(54) NET CUP WITH INTEGRATED ALGAE GUARD

(71) Victoria University
(21) 2024903473 (22) 25.10.2024
(54) ADAPTABLE METHOD FOR DETECTION AND LOCALISATION OF A BROKEN CONDUCTOR OCCURRENCE IN SINGLE WIRE EARTH RETURN (SWER) NETWORKS

(71) VITALITY PTY LTD
(21) 2024903489 (22) 28.10.2024
(54) EXERCISE EQUIPMENT

Provisional Applications Filed - Name Index cont'd

(71) Vyrodov, V.; Latham, S.
(21) 2024903520 (22) 29.10.2024
(54) Method for Finalising Concrete Production

(71) WANG, Y.
(21) 2024903484 (22) 28.10.2024
(54) The patent relates to the manufacture of an integral fuselage of a civil aircraft with fewer windows

(71) YTCB Pty Ltd
(21) 2024903459 (22) 24.10.2024
(54) USER INTERFACE SYSTEM AND METHOD, PARTICULARLY FOR THE VISION IMPAIRED

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2024903418	Bates, P.	2024903488	Caton, A.
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2024903456	Oldham, J.		
2024903457	Nanomedx, Inc.		
2024903458	MANOLAS, Y.		
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2024903460	Aim Lab Automation Technologies Pty Ltd		
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2024903483	Habla Zig-Zag Kilns International Pty. Ltd.		
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2024903485	University of Tasmania		
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2024903487	Holmes, D.		

Complete Applications Filed

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Applications listed below were processed through the Patent Office Canberra during the period ending 22 Oct 2024 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) Albert Einstein College of Medicine (21) 2024227577 (22) 24.10.2024 (54) Transdermal delivery formulations</p> <hr/> <p>(71) Alerje, Inc. (21) 2024227655 (22) 25.10.2024 (54) System and method for monitoring and managing patients undergoing immunotherapy</p> <hr/> <p>(71) Allergan, Inc. (21) 2024227541 (22) 22.10.2024 (54) Sustained-release implants for lowering intraocular pressure with extended duration of effect</p> <hr/> <p>(71) Alliqua Biomedical, Inc. (21) 2024227630 (22) 25.10.2024 (54) Systems and methods for delivering cellular and biological materials using ultrasound for wound treatment and healing</p> <hr/> <p>(71) Amazentis SA (21) 2024227657 (22) 25.10.2024 (54) Process-scale synthesis of urolithin A</p> <hr/> <p>(71) AMES TOOLS CORPORATION (21) 2024227674 (22) 28.10.2024 (54) Compound applicator</p> <hr/> <p>(71) Angelcare Canada Inc.; International Refills Company Ltd. (21) 2024227712 (22) 29.10.2024 (54) BAG ROLL CASSETTE AND METHOD OF USE</p> <hr/> <p>(71) Apnimed, Inc. (Delaware) (21) 2024227631 (22) 25.10.2024 (54) Methods and compositions for treating sleep apnea</p> <hr/> <p>(71) Apple Inc. (21) 2024227576 (22) 24.10.2024 (54) Locating electronic devices and associated wireless accessories</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024227734 (22) 29.10.2024</p>	<p>(54) GAMING MACHINES, METHODS OF GAMING AND GAMING SYSTEMS</p> <hr/> <p>(71) Asceneuron S.A. (21) 2024227691 (22) 28.10.2024 (54) Succinate and fumarate acid addition salts of piperazine derivatives useful as glycosidase inhibitors</p> <hr/> <p>(71) Aurora Operations, Inc. (21) 2024227705 (22) 29.10.2024 (54) SEMICONDUCTOR LASER AND OPTICAL AMPLIFIER PHOTONIC PACKAGE</p> <hr/> <p>(71) AZL Holdings Pty Ltd; Start Smart Investments Pty Ltd (21) 2024227610 (22) 24.10.2024 (54) Improved barrier</p> <hr/> <p>(71) BAIRUI PTY. LTD. (21) 2024227604 (22) 24.10.2024 (54) Custom shoe inserts from pressure mapping technology</p> <hr/> <p>(71) Balance Ophthalmics, Inc. (21) 2024227715 (22) 29.10.2024 (54) Apparatus and methods to adjust spontaneous venous pulsation</p> <hr/> <p>(71) Beijing Roborock Technology Co., Ltd. (21) 2024227710 (22) 29.10.2024 (54) AUTOMATIC CLEANING DEVICE</p> <hr/> <p>(71) Bigfoot Biomedical, Inc. (21) 2024227563 (22) 23.10.2024 (54) THERAPY ASSIST INFORMATION AND/OR TRACKING DEVICE AND RELATED METHODS AND SYSTEMS</p> <hr/> <p>(71) Biocon Limited (21) 2024227640 (22) 25.10.2024 (54) A monoclonal antibody and a method of use for the treatment of lupus</p> <hr/> <p>(71) BioNTech US Inc. (21) 2024227645 (22) 25.10.2024 (54) T cell receptor constructs and uses thereof</p> <hr/>	<p>(71) Bioverativ USA Inc. (21) 2024227570 (22) 23.10.2024 (54) Anti-complement C1s antibodies and uses thereof</p> <hr/> <p>(71) Biryta Biotech, Inc. (21) 2024227540 (22) 22.10.2024 (54) Tool for servicing an auto-injector</p> <hr/> <p>(71) Bodor Laboratories, Inc. (21) 2024227714 (22) 29.10.2024 (54) Formulation for soft anticholinergic analogs</p> <hr/> <p>(71) Boehringer Ingelheim International GmbH; ViraTherapeutics GmbH (21) 2024227547 (22) 23.10.2024 (54) Recombinant rhabdovirus encoding for CCL21</p> <hr/> <p>Boral IP Holdings (Australia) PTY Limited see Keyte, L. (21) 2024227639</p> <hr/> <p>Boral IP Holdings (Australia) PTY Limited see Keyte, L. (21) 2024227718</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2024227632 (22) 25.10.2024 (54) Grappling systems and methods for lumen apposition or wound defects</p> <hr/> <p>(71) Braime Group PLC (21) 2024227633 (22) 25.10.2024 (54) System and Method for Material Conveyor Container Wear Monitoring</p> <hr/> <p>(71) Breville USA, Inc. (21) 2024227678 (22) 28.10.2024 (54) Food preparation control system</p> <hr/> <p>(71) Brian Investments Pty Ltd (21) 2024227665 (22) 25.10.2024 (54) Releasable Fastener</p> <hr/> <p>(71) BRNC Industries Pty Ltd (21) 2024227551 (22) 23.10.2024 (54) Magnetic Camera Mount</p>
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(71) Bruin Biometrics, LLC
(21) 2024227698 (22) 28.10.2024
(54) Detection of tissue damage

(71) burke, j.
(21) 2024227673 (22) 28.10.2024
(54) Carbon Hydrogenation to Ethanol versatile unit (CHEVU)

(71) Canon Kabushiki Kaisha
(21) 2024227538 (22) 22.10.2024
(54) Method, apparatus and system for encoding and decoding a plurality of tensors

(71) Canon Kabushiki Kaisha
(21) 2024227569 (22) 23.10.2024
(54) Drum unit, cartridge and coupling member

(71) Canon Kabushiki Kaisha
(21) 2024227664 (22) 25.10.2024
(54) Method, apparatus and system for encoding and decoding tensors

(71) Canva Pty Ltd
(21) 2024227696 (22) 28.10.2024
(54) Systems and methods for generating and using training data

(71) Capital One Services, LLC
(21) 2024227681 (22) 28.10.2024
(54) System and method for dynamic generation of URL by smart card

(71) Cardinal Health 529, LLC
(21) 2024227699 (22) 28.10.2024
(54) Helical ultra low foreshortening stent

(71) Centre for Probe Development and Commercialization
(21) 2024227706 (22) 29.10.2024
(54) Pharmacokinetic enhancements of bi-functional chelates and uses thereof

(71) CHEN, G.
(21) 2024227624 (22) 25.10.2024
(54) A METHOD OF TRACING OR TRACKING CHANGES IN DATA

(71) Children's Medical Center Corporation
(21) 2024227566 (22) 23.10.2024
(54) METHODS AND USES THEREOF OF PROSAPOSIN

Chinalco Advanced Manufacturing Co., Ltd. see Chinalco Materials Application Research Institution Co., Ltd.
(21) 2024227643

(71) Chinalco Materials Application Research Institution Co., Ltd.; Chinalco Advanced Manufacturing Co., Ltd.
(21) 2024227643 (22) 25.10.2024
(54) 6000 SERIES ALUMINUM ALLOY PLATE WITH HIGH ELECTRODE PUNCHING NUMBER AND PREPARATION METHOD THEREOF

(71) CIVCO Medical Instruments, Co., Inc.
(21) 2024227607 (22) 24.10.2024
(54) Transperineal puncture device guide

(71) ClioTech Ltd
(21) 2024227539 (22) 22.10.2024
(54) Systems and methods of generative machine-learning guided by modal classification

(71) CompoSecure, LLC
(21) 2024227703 (22) 29.10.2024
(54) RFID device

Cook Medical Technologies, LLC see The University of Akron
(21) 2024227617

(71) COOPERVISION INTERNATIONAL LIMITED
(21) 2024227594 (22) 24.10.2024
(54) Methods of increased contact lens rotation

Coronado Aesthetics, LLC see nanoComposix, Inc.
(21) 2024227663

(71) COULISSE B.V.
(21) 2024227564 (22) 23.10.2024
(54) FRAMED SCREEN WITH AT LEAST ONE MOTORIZED RAIL WITH INSTALLATION MECHANISMS

(71) CRRC Qiqihar Rolling Stock Co., Ltd.
(21) 2024227711 (22) 29.10.2024
(54) Device and method for monitoring vehicle bearing

(71) CTX, LLC
(21) 2024227548 (22) 23.10.2024
(54) TECHNIQUES FOR MANAGING SCALE FORMATION IN WATER FILTRATION SYSTEMS AND A REVERSE OSMOSIS (RO) AND NANOFILTRATION (NF) SYSTEM IMPLEMENTING SAME

(71) Cummins Power Generation Inc.
(21) 2024227559 (22) 23.10.2024

(54) Multi-source electrified propulsion

(71) Cummins Power Generation Inc.
(21) 2024227567 (22) 23.10.2024
(54) Controllers, methods, and systems for energy source selection

(71) Deciphera Pharmaceuticals, LLC
(21) 2024227536 (22) 22.10.2024
(54) Combination therapy for the treatment of gastrointestinal stromal tumors

(71) Deciphera Pharmaceuticals, LLC
(21) 2024227537 (22) 22.10.2024
(54) Combination therapy for the treatment of mastocytosis

(71) Deciphera Pharmaceuticals, LLC
(21) 2024227597 (22) 24.10.2024
(54) Amorphous kinase inhibitor formulations and methods of use thereof

(71) Deco IP Pty Ltd
(21) 2024227669 (22) 25.10.2024
(54) Wall Cladding Starter Assembly

(71) Demak S.r.l.
(21) 2024227622 (22) 25.10.2024
(54) METHOD FOR PRODUCING DECORATIVE ELEMENTS

(71) Dexcom, Inc.
(21) 2024227644 (22) 25.10.2024
(54) Invasive biosensor alignment and retention

(71) Dolby International AB
(21) 2024227599 (22) 24.10.2024
(54) Efficient combined harmonic transposition

(71) Dolby International AB
(21) 2024227722 (22) 29.10.2024
(54) Methods, apparatus and systems for generation, transportation and processing of immediate payout frames (IPFs)

(71) Dolby International AB
(21) 2024227726 (22) 29.10.2024
(54) Backward-compatible integration of high frequency reconstruction techniques for audio signals

(71) Dongwoo Flexible Metal Tube Co., Ltd.
(21) 2024227555 (22) 23.10.2024
(54) Center Bracket for Sprinkler

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(71) Dorel Juvenile Group, Inc.
(21) 2024227627 (22) 25.10.2024
(54) Child restraint

(71) Dorel Juvenile Group, Inc.
(21) 2024227634 (22) 25.10.2024
(54) Child restraint

(71) Dorel Juvenile Group, Inc.
(21) 2024227636 (22) 25.10.2024
(54) Child restraint

(71) Drawbridge Health, Inc.
(21) 2024227606 (22) 24.10.2024
(54) DEVICES, SYSTEMS, AND METHODS FOR SAMPLE COLLECTION

(71) Dyno Nobel Inc.
(21) 2024227685 (22) 28.10.2024
(54) Systems for delivering explosives and methods related thereto

(71) Eli Lilly and Company
(21) 2024227694 (22) 28.10.2024
(54) Methods of using a GIP/GLP1 co-agonist for therapy

(71) Engeo Incorporated
(21) 2024227660 (22) 25.10.2024
(54) Systems and methods for remote interaction with portable field measurement equipment

(71) Equifax Inc.
(21) 2024227581 (22) 24.10.2024
(54) Training or using sets of explainable machine-learning modeling algorithms for predicting timing of events

(71) EVE Hydrogen Energy Co., LTD.
(21) 2024227575 (22) 23.10.2024
(54) SULFONATE GROUP-BASED ANION RESIN, PREPARATION METHOD THEREOF, AND ANION EXCHANGE MEMBRANE

(71) EXPLORIUS 2022 (PTY) LTD
(21) 2024227585 (22) 24.10.2024
(54) REACTOR AND FUEL SOURCE

(71) F. Hoffmann La-Roche AG; Genentech, Inc.
(21) 2024227572 (22) 23.10.2024
(54) Purification of multispecific antibodies

FG Innovation Company Limited see Sharp Kabushiki Kaisha
(21) 2024227592

(71) First Data Corporation
(21) 2024227587 (22) 24.10.2024
(54) Network provisioning and tokenization using a remote terminal

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024227625 (22) 25.10.2024
(54) VALSALVA MASK

(71) Flashpoint Therapeutics, Inc.
(21) 2024227671 (22) 28.10.2024
(54) TLR9-TARGETED SPHERICAL NUCLEIC ACIDS HAVING POTENT ANTI-TUMOR ACTIVITY

(71) Fulton Hogan Limited
(21) 2024227558 (22) 23.10.2024
(54) PORTABLE BARRIER ARM FOR MANUAL TRAFFIC CONTROL

(71) Fuzhou Autran Industrial Co., Ltd.
(21) 2024227668 (22) 25.10.2024
(54) DAMPING HINGE

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(21) 2024227572

(71) Genentech, Inc.
(21) 2024227573 (22) 23.10.2024
(54) Methods of treating cancer using PD-1 axis binding antagonists and TIGIT inhibitors

(71) Google LLC
(21) 2024227676 (22) 28.10.2024
(54) AUTOMATED ASSISTANT FOR GENERATING, IN RESPONSE TO A REQUEST FROM A USER, APPLICATION INPUT CONTENT USING APPLICATION DATA FROM OTHER SOURCES

(71) Googol Paradox (Dongguan) Intelligent Technology Co Ltd
(21) 2024227534 (22) 22.10.2024
(54) Inflection point acquisition method and device of force position press-fitting system, electronic equipment and medium

(71) Graco Minnesota Inc.
(21) 2024227720 (22) 29.10.2024
(54) Dispensing meter for fluid dispensing

(71) Graco Minnesota Inc.
(21) 2024227721 (22) 29.10.2024
(54) Dispensing meter for fluid dispensing

(71) Grand Performance Online Pty Limited
(21) 2024227602 (22) 24.10.2024
(54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods

(71) GREENLIGHT BIOSCIENCES, INC.
(21) 2024227619 (22) 24.10.2024
(54) Compositions and methods for controlling arthropod parasite and pest infestations

(71) Guangdong Midea Kitchen and Bath Appliances Mfg. Co., Ltd.; Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd.
(21) 2024227731 (22) 29.10.2024
(54) COMBUSTION CHAMBER HOUSING AND GAS WATER HEATER

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(21) 2024227730

(71) HADDAD, S.
(21) 2024227584 (22) 24.10.2024
(54) Insulated Hollow core Concrete Forming System for Wall and Slabs

(71) Hanmi Pharm. Co., Ltd.
(21) 2024227659 (22) 25.10.2024
(54) Use of a long acting GLP-1/glucagon receptor dual agonist for the treatment of non-alcoholic fatty liver disease

(71) Hazan, S.
(21) 2024227651 (22) 25.10.2024
(54) Methods of preventing and treating covid-19 infection

(71) HBG IP Holding Pty Ltd
(21) 2024227700 (22) 28.10.2024
(54) Child safety seat for a vehicle

(71) Hendricks Corp. Pte. Ltd.
(21) 2024227582 (22) 24.10.2024
(54) A crowd counting system and a method of operating a crowd counting system

(71) Hendricks Corp. Pte. Ltd.
(21) 2024227583 (22) 24.10.2024
(54) A crowd counting system and a method of operating a crowd counting system

(71) Hendricks Corp. Pte. Ltd.
(21) 2024227598 (22) 24.10.2024
(54) System, method and application software for training retail staff

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(71) Hill's Pet Nutrition, Inc.
(21) 2024227693 (22) 28.10.2024
(54) Methods, kits and compositions for diagnosing and treating renal disease

(71) HILL'S PET NUTRITION, INC.
(21) 2024227687 (22) 28.10.2024
(54) PET FOOD COMPOSITIONS

(71) Honey, C.
(21) 2024227667 (22) 25.10.2024
(54) A Formulation for the Treatment of Endometriosis

(71) Hysential Pty Ltd
(21) 2024227670 (22) 26.10.2024
(54) Fluid Dispenser with One-Way Valve, Air-Inlet Mechanism, and Integrated Fluid Level Sensor

(71) Illumina, Inc.
(21) 2024227579 (22) 24.10.2024
(54) Methods and compositions for preparing nucleic acid libraries

(71) Indapta Therapeutics, Inc.
(21) 2024227637 (22) 25.10.2024
(54) ENGINEERED NATURAL KILLER (NK) CELLS AND COMPOSITIONS AND METHODS THEREOF

(71) INFINEUM INTERNATIONAL LIMITED
(21) 2024227588 (22) 24.10.2024
(54) Lubricant compositions containing high C9 disubstituted diphenylamine antioxidant content

(71) INFINEUM INTERNATIONAL LIMITED
(21) 2024227628 (22) 25.10.2024
(54) Lubricant compositions containing high C9 disubstituted diphenylamine antioxidant content

(71) Intellijoint Surgical Inc.
(21) 2024227561 (22) 23.10.2024
(54) OPERATING ROOM REMOTE MONITORING

(71) Intellijoint Surgical Inc.
(21) 2024227568 (22) 23.10.2024
(54) SYSTEMS, METHODS AND DEVICES FOR ANATOMICAL REGISTRATION AND SURGICAL LOCALIZATION

(71) International Business Machines Corporation
(21) 2024227724 (22) 29.10.2024

(54) Non-volatile analog resistive memory cells implementing ferroelectric select transistors

International Refills Company Ltd. see Angelcare Canada Inc.
(21) 2024227712

(71) Jenkins, D.
(21) 2024227621 (22) 25.10.2024
(54) Mass Flow Impelled Heat Engine

(71) Johnson & Johnson Consumer Inc.
(21) 2024227686 (22) 28.10.2024
(54) Perforated capsules

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(21) 2024227549 (22) 23.10.2024
(54) Control device and control method

(71) KEENAN, J.F.
(21) 2024227591 (22) 24.10.2024
(54) SYSTEM AND METHOD FOR BI-CYCLE TRANSMISSION

(71) KESA (AUST) PTY LTD
(21) 2024227590 (22) 24.10.2024
(54) Self Structuring Portable Hoist

(71) Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
(21) 2024227639 (22) 25.10.2024
(54) Methods for producing a low CO2 cement composition

(71) Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
(21) 2024227718 (22) 29.10.2024
(54) Methods for producing a cement composition

(71) KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES
(21) 2024227556 (22) 23.10.2024
(54) MICRO PARTICLE EROSION TESTER

(71) LG Electronics Inc.
(21) 2024227647 (22) 25.10.2024
(54) Server and home appliance system including the same

Lloyd, R. see Keyte, L.
(21) 2024227639

Lloyd, R. see Keyte, L.
(21) 2024227718

(71) LN Robotics Inc.
(21) 2024227571 (22) 23.10.2024
(54) SURGICAL TOOL CONTROL APPARATUS

(71) Loam Bio Pty Ltd
(21) 2024227707 (22) 29.10.2024
(54) METHODS FOR THE REDUCTION OF METHANE PRODUCTION IN RUMINANTS

Los Alamos National Security, LLC see NMC, Inc.
(21) 2024227535

(71) Magorwa, T.
(21) 2024227656 (22) 25.10.2024
(54) On-Demand Cleaning Service Platform and System

(71) McMaster University; University of Western Australia
(21) 2024227557 (22) 23.10.2024
(54) Biomarkers for Wound Healing

(71) MECHANIZE PTY LTD
(21) 2024227626 (22) 25.10.2024
(54) A Tyre Handling Apparatus

(71) Methven Limited
(21) 2024227613 (22) 24.10.2024
(54) Improvements in, or relating to, spray heads

(71) MFTB Holdco, Inc.
(21) 2024227682 (22) 28.10.2024
(54) Automated room-specific white balance correction in a building image with visual data showing multiple rooms

(71) Moselle Technologies, LLC
(21) 2024227605 (22) 24.10.2024
(54) Methods and compositions for recovery of lithium from liquid solutions with nanoparticles

(71) Munas, A.
(21) 2024227717 (22) 29.10.2024
(54) Process for advancing employee salaries

(71) nanoComposix, Inc.; Coronado Aesthetics, LLC
(21) 2024227663 (22) 25.10.2024
(54) Silver nanoplate compositions and methods

(71) NMC, Inc.; Los Alamos National Security, LLC
(21) 2024227535 (22) 22.10.2024

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(54) Improved productivity and bioproduct formation in phototropin knock/out mutants in microalgae

(71) NORRIE, S.
(21) 2024227649 (22) 25.10.2024
(54) DEVICES FOR REDUCING FRICTION

(71) Novartis AG; The Trustees of the University of Pennsylvania
(21) 2024227595 (22) 24.10.2024
(54) Methods for improving the efficacy and expansion of immune cells

(71) Oak Hill Bio Limited
(21) 2024227601 (22) 24.10.2024
(54) Methods and compositions for treating chronic lung diseases

(71) Ocado Innovation Limited
(21) 2024227635 (22) 25.10.2024
(54) Stability of a Load Handling Device in a Storage System

(71) Omni Consumer Products, LLC
(21) 2024227562 (22) 23.10.2024
(54) Method, system and apparatus for determining number of products

(71) OnPoint Vision, Inc.
(21) 2024227596 (22) 24.10.2024
(54) Intraocular pseudophakic contact lens with mechanism for securing by anterior leaflet of capsular wall and related system and method

(71) Oxford University Innovation Limited
(21) 2024227680 (22) 28.10.2024
(54) IMMUNOGENIC COMPOSITION

(71) Parasol Medical, LLC
(21) 2024227609 (22) 24.10.2024
(54) Patient movement and incontinence notification system

(71) Philmac Pty Ltd
(21) 2024227600 (22) 24.10.2024
(54) A camlock fitting to retain a pipe with a removable inner sleeve

(71) pH Pharma Co., Ltd.
(21) 2024227697 (22) 28.10.2024
(54) Use of neutrophil elastase inhibitors in liver disease

(71) President and Fellows of Harvard College
(21) 2024227690 (22) 28.10.2024
(54) Orthogonal cas9 proteins for RNA-guided gene regulation and editing

(71) Pryzm Health IQ Pty Ltd
(21) 2024227708 (22) 29.10.2024
(54) Visualising Clinical and Disease Data

(71) Purifas Holdings Pty Ltd
(21) 2024227580 (22) 24.10.2024
(54) Protective Sheet and Securement Assembly

(71) Reata Pharmaceuticals, Inc.
(21) 2024227646 (22) 25.10.2024
(54) Co-crystal forms of a novobiocin analog and proline

(71) Regeneron Pharmaceuticals, Inc.
(21) 2024227672 (22) 28.10.2024
(54) Systems and methods for failure mode detection in process chromatography

(71) Route 92 Medical, Inc.
(21) 2024227593 (22) 24.10.2024
(54) ASPIRATION CATHETER SYSTEMS AND METHODS OF USE

(71) Rovi Guides, Inc.
(21) 2024227661 (22) 25.10.2024
(54) Systems and methods for real-time adaptive bitrate transcoding and transmission of transcoded media

(71) Sage Therapeutics, Inc.
(21) 2024227546 (22) 23.10.2024
(54) Neuroactive steroids and their methods of use

(71) Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd; Sandvik Mining and Construction Tools AB
(21) 2024227692 (22) 28.10.2024
(54) ROCK BOLT WITH INFORMATION DISPLAY REGION

Sandvik Mining and Construction Tools AB see Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd
(21) 2024227692

(71) SAVARIA CONCORD LIFTS INC.
(21) 2024227732 (22) 29.10.2024
(54) SYSTEM AND METHOD TO LIFT AND WEIGH A PATIENT

(71) Seed Terminator Holdings Pty Ltd
(21) 2024227543 (22) 22.10.2024
(54) A CHAFF FEED STREAM CONDITIONING SYSTEM

(71) Sharp Kabushiki Kaisha; FG Innovation Company Limited
(21) 2024227592 (22) 24.10.2024
(54) Prediction Image Generation Apparatus, Video Decoding Apparatus, Video Coding Apparatus, And Prediction Image Generation Method

(71) SHAWN FISHER
(21) 2024227719 (22) 29.10.2024
(54) AEROPONIC FARMING APPARATUS AND ROTABLE ROOT CHAMBER

(71) Shenzhen Yile Dynamic Technology Co., LTD
(21) 2024227709 (22) 29.10.2024
(54) TREADMILL WITH LIGHT STRIP

(71) SHINGLEBACK OFF ROAD PTY LTD
(21) 2024227620 (22) 24.10.2024
(54) A vehicle-mountable rack

(71) Sicona Battery Technologies Pty Ltd
(21) 2024227550 (22) 23.10.2024
(54) Chemical vapour deposition (CVD) reactor

(71) Signage Systems Limited; Stanners, R.
(21) 2024227704 (22) 29.10.2024
(54) SIGN AND METHOD OF ASSEMBLY

(71) Singapore Health Services Pte. Ltd.
(21) 2024227629 (22) 25.10.2024
(54) Methods and kits for evaluating clinical outcomes of autoimmune disease

(71) SLD Technology, Inc.
(21) 2024227612 (22) 24.10.2024
(54) MODULAR PATIENT LIFT SYSTEM

(71) SLD Technology, Inc.
(21) 2024227614 (22) 24.10.2024
(54) MEDICAL EQUIPMENT MOUNTING SYSTEM

(71) Somero Enterprises, Inc.
(21) 2024227677 (22) 28.10.2024
(54) Machine for removing formwork from ceiling structure

(71) Somero Enterprises, Inc.
(21) 2024227679 (22) 28.10.2024
(54) Machine for removing formwork from ceiling structure

(71) Sphere Drones Holdings Pty Ltd
(21) 2024227642 (22) 25.10.2024
(54) A drone system

Complete Applications Filed - Name Index cont'd

(71) Spray Nozzle Engineering Pty Ltd
(21) 2024227586 (22) 24.10.2024
(54) High-Pressure Sealing of Spray Nozzle Assemblies

(71) SRI International
(21) 2024227641 (22) 25.10.2024
(54) MOLECULAR GUIDE SYSTEM PEP-TIDES AND USES THEREOF

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(21) 2024227704

Start Smart Investments Pty Ltd see AZL Holdings Pty Ltd
(21) 2024227610

(71) Stoke Therapeutics, Inc.
(21) 2024227589 (22) 24.10.2024
(54) Antisense oligomers for treatment of conditions and diseases

(71) StrongLinx Pty Ltd
(21) 2024227574 (22) 23.10.2024
(54) MULTIPURPOSE STRAP APPARATUS

(71) Sunbase Pty Ltd
(21) 2024227675 (22) 28.10.2024
(54) Clamping Arrangement

(71) Sunresin New Materials Co. Ltd.
(21) 2024227701 (22) 28.10.2024
(54) Method For Extracting Lithium From Brine And Application

(71) SWOBODA, M.
(21) 2024227545 (22) 23.10.2024
(54) Apparatus and method for controlling fluid propulsion

(71) Taylor Commercial Foodservice, LLC
(21) 2024227662 (22) 25.10.2024
(54) Grill system and method for detecting movement when motor is "off"

(71) Techtronic Cordless GP
(21) 2024227658 (22) 25.10.2024
(54) Laser level

(71) Techtronic Cordless GP
(21) 2024227684 (22) 28.10.2024
(54) Switch module for a power tool

(71) TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
(21) 2024227616 (22) 24.10.2024
(54) BATTERY PACK

(71) Teh Yor Co., Ltd.
(21) 2024227578 (22) 24.10.2024
(54) Window shade and panel assembly thereof

Teneobio, Inc. see The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2024227725

(71) Tensar Corporation, LLC
(21) 2024227608 (22) 24.10.2024
(54) AN INTEGRAL GEOGRID MADE FROM A COEXTRUDED MULTILAYERED POLYMER STARTING MATERIAL, AND A METHOD OF MAKING SUCH AN INTEGRAL GEOGRID

(71) TENSAR CORPORATION, LLC
(21) 2024227648 (22) 25.10.2024
(54) POLYMER MESH WITH REINFORCING BANDS FOR SKIN CONTROL IN HARD ROCK MINING

(71) Tetrours, Inc.
(21) 2024227542 (22) 22.10.2024
(54) THERAPEUTIC GAS INFUSED COSMETIC AND METHODS OF INFUSION

(71) The Board of Trustees of The Leland Stanford Junior University
(21) 2024227723 (22) 29.10.2024
(54) Antigen discovery for T cell receptors isolated from patient tumors recognizing wild-type antigens and potent peptide mimotopes

The Trustees of the University of Pennsylvania see Novartis AG
(21) 2024227595

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2024227695 (22) 28.10.2024
(54) T cell receptors recognizing mutated p53

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services; Teneobio, Inc.
(21) 2024227725 (22) 29.10.2024
(54) Anti-B-cell maturation antigen chimeric antigen receptors with human domains

(71) The University of Akron; Cook Medical Technologies, LLC
(21) 2024227617 (22) 24.10.2024
(54) Amino Acid-Based Poly[Ester Urea] Polymer Mesh For Hernia And Other Soft Tissue Applications

(71) TLOBRIK Patent Holder Pty Ltd
(21) 2024227702 (22) 28.10.2024
(54) ADJUSTABLE WEIGHT KETTLEBELL AND RELATED METHODS

(71) Toxotech AB
(21) 2024227611 (22) 24.10.2024
(54) Botulinum neurotoxin biohybrid

(71) TRAMES BIO, INC.
(21) 2024227560 (22) 23.10.2024
(54) COMPOSITIONS AND METHODS FOR NEUROLOGICAL DISEASES

(71) Trudeau, L.
(21) 2024227533 (22) 22.10.2024
(54) Portable foam brush

(71) TScan Therapeutics, Inc.
(21) 2024227623 (22) 25.10.2024
(54) MAGEA1 IMMUNOGENIC PEPTIDES, BINDING PROTEINS RECOGNIZING MAGEA1 IMMUNOGENIC PEPTIDES, AND USES THEREOF

University of Western Australia see McMaster University
(21) 2024227557

(71) UON Pty Ltd
(21) 2024227666 (22) 25.10.2024
(54) Enhancement of Power Supply

(71) Vaxess Technologies, Inc.
(21) 2024227638 (22) 25.10.2024
(54) VACCINE FORMULATIONS WITH INCREASED STABILITY

ViraTherapeutics GmbH see Boehringer Ingelheim International GmbH
(21) 2024227547

(71) VMI HOLLAND B.V.
(21) 2024227716 (22) 29.10.2024
(54) Method and packaging device for packaging discrete medicaments in pouches

(71) Volvo Autonomous Solutions AB
(21) 2024227713 (22) 29.10.2024
(54) Determining a lens coverage condition of a light-based scanning device arranged in a vehicle

(71) WELLDON, INC.
(21) 2024227544 (22) 23.10.2024
(54) DATABASE MANAGEMENT AND GRAPHICAL USER INTERFACES FOR MEASUREMENTS COLLECTED

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(71) Willand (Beijing) Technology Co., LTD.
 (21) 2024227653 (22) 25.10.2024
 (54) CHARGING STATION, CHARGING STATION SYSTEM, METHOD AND APPARATUS FOR RETURNING TO STATION AND LAWNMOWING ROBOT

(71) Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd.; Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.
 (21) 2024227730 (22) 29.10.2024
 (54) GAS WATER HEATER

Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd. see Guangdong Midea Kitchen and Bath Appliances Mfg. Co., Ltd.
 (21) 2024227731

(71) Zevra Denmark A/S
 (21) 2024227652 (22) 25.10.2024
 (54) Heat shock protein inducers and fronto-temporal disorders

(71) Zevra Denmark A/S
 (21) 2024227654 (22) 25.10.2024
 (54) Heat shock protein inducers and fronto-temporal disorders

(71) Zoetis Services LLC
 (21) 2024227565 (22) 23.10.2024
 (54) Alfaxalone synthesis

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2024227533	Trudeau, L.	2024227599	Dolby International AB
2024227534	Googol Paradox (Dongguan) Intelligent Technology Co Ltd	2024227600	Philmac Pty Ltd
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2024227536	Deciphera Pharmaceuticals, LLC	2024227602	Grand Performance Online Pty Limited
2024227537	Deciphera Pharmaceuticals, LLC	2024227604	BAIRUI PTY. LTD.
2024227538	Canon Kabushiki Kaisha	2024227605	Moselle Technologies, LLC
2024227539	ClioTech Ltd	2024227606	Drawbridge Health, Inc.
2024227540	Biryia Biotech, Inc.	2024227607	CIVCO Medical Instruments, Co., Inc.
2024227541	Allergan, Inc.	2024227608	Tensar Corporation, LLC
2024227542	Tetrous, Inc.	2024227609	Parasol Medical, LLC
2024227543	Seed Terminator Holdings Pty Ltd	2024227610	AZL Holdings Pty Ltd; Start Smart Investments Pty Ltd
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2024227546	Sage Therapeutics, Inc.	2024227613	Methven Limited
2024227547	Boehringer Ingelheim International GmbH; ViraTherapeutics GmbH	2024227614	SLD Technology, Inc.
2024227548	CTX, LLC	2024227616	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED
2024227549	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2024227617	The University of Akron; Cook Medical Technologies, LLC
2024227550	Sicona Battery Technologies Pty Ltd	2024227619	GREENLIGHT BIOSCIENCES, INC.
2024227551	BRNC Industries Pty Ltd	2024227620	SHINGLEBACK OFF ROAD PTY LTD
2024227555	Dongwoo Flexible Metal Tube Co., Ltd.	2024227621	Jenkins, D.
2024227556	KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES	2024227622	Demak S.r.l.
2024227557	McMaster University; University of Western Australia	2024227623	TScan Therapeutics, Inc.
2024227558	Fulton Hogan Limited	2024227624	CHEN, G.
2024227559	Cummins Power Generation Inc.	2024227625	FISHER & PAYKEL HEALTHCARE LIMITED
2024227560	TRAMES BIO, INC.	2024227626	MECHANIZE PTY LTD
2024227561	Intellijoint Surgical Inc.	2024227627	Dorel Juvenile Group, Inc.
2024227562	Omni Consumer Products, LLC	2024227628	INFINEUM INTERNATIONAL LIMITED
2024227563	Bigfoot Biomedical, Inc.	2024227629	Singapore Health Services Pte. Ltd.
2024227564	COULISSE B.V.	2024227630	Alliqua Biomedical, Inc.
2024227565	Zoetis Services LLC	2024227631	Apnimed, Inc. (Delaware)
2024227566	Children's Medical Center Corporation	2024227632	Boston Scientific Scimed, Inc.
2024227567	Cummins Power Generation Inc.	2024227633	Braime Group PLC
2024227568	Intellijoint Surgical Inc.	2024227634	Dorel Juvenile Group, Inc.
2024227569	Canon Kabushiki Kaisha	2024227635	Ocado Innovation Limited
2024227570	Bioverativ USA Inc.	2024227636	Dorel Juvenile Group, Inc.
2024227571	LN Robotics Inc.	2024227637	Indapta Therapeutics, Inc.
2024227572	F. Hoffmann La-Roche AG; Genentech, Inc.	2024227638	Vaxess Technologies, Inc.
2024227573	Genentech, Inc.	2024227639	Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited
2024227574	StrongLinx Pty Ltd	2024227640	Biocon Limited
2024227575	EVE Hydrogen Energy Co., LTD.	2024227641	SRI International
2024227576	Apple Inc.	2024227642	Sphere Drones Holdings Pty Ltd
2024227577	Albert Einstein College of Medicine	2024227643	Chinalco Materials Application Research Institution Co., Ltd.; Chinalco Advanced Manufacturing Co., Ltd.
2024227578	Teh Yor Co., Ltd.	2024227644	Dexcom, Inc.
2024227579	Illumina, Inc.	2024227645	BioNTech US Inc.
2024227580	Purifas Holdings Pty Ltd	2024227646	Reata Pharmaceuticals, Inc.
2024227581	Equifax Inc.	2024227647	LG Electronics Inc.
2024227582	Hendricks Corp. Pte. Ltd.	2024227648	TENSAR CORPORATION, LLC
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2024227585	EXPLORIUS 2022 (PTY) LTD	2024227652	Zevra Denmark A/S
2024227586	Spray Nozzle Engineering Pty Ltd	2024227653	Willand (Beijing) Technology Co., LTD.
2024227587	First Data Corporation	2024227654	Zevra Denmark A/S
2024227588	INFINEUM INTERNATIONAL LIMITED	2024227655	Alerje, Inc.
2024227589	Stoke Therapeutics, Inc.	2024227656	Magorwa, T.
2024227590	KESA (AUST) PTY LTD	2024227657	Amazentis SA
2024227591	KEENAN, J.F.	2024227658	Techtronic Cordless GP
2024227592	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2024227659	Hanmi Pharm. Co., Ltd.
2024227593	Route 92 Medical, Inc.	2024227660	Engeo Incorporated
2024227594	COOPERVISION INTERNATIONAL LIMITED	2024227661	Rovi Guides, Inc.
2024227595	Novartis AG; The Trustees of the University of Pennsylvania	2024227662	Taylor Commercial Foodservice, LLC
2024227596	OnPoint Vision, Inc.	2024227663	nanoComposix, Inc.; Coronado Aesthetics, LLC
2024227597	Deciphera Pharmaceuticals, LLC	2024227664	Canon Kabushiki Kaisha
2024227598	Hendricks Corp. Pte. Ltd.	2024227665	Brian Investments Pty Ltd
		2024227666	UON Pty Ltd

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2024227667	Honey, C.	2024227734	Aristocrat Technologies Australia Pty Limited
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2024227670	Hysential Pty Ltd		
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2024227674	AMES TOOLS CORPORATION		
2024227675	Sunbase Pty Ltd		
2024227676	Google LLC		
2024227677	Somero Enterprises, Inc.		
2024227678	Breville USA, Inc.		
2024227679	Somero Enterprises, Inc.		
2024227680	Oxford University Innovation Limited		
2024227681	Capital One Services, LLC		
2024227682	MFTB Holdco, Inc.		
2024227684	Techtronic Cordless GP		
2024227685	Dyno Nobel Inc.		
2024227686	Johnson & Johnson Consumer Inc.		
2024227687	HILL'S PET NUTRITION, INC.		
2024227690	President and Fellows of Harvard College		
2024227691	Asceneuron S.A.		
2024227692	Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd; Sandvik Mining and Construction Tools AB		
2024227693	Hill's Pet Nutrition, Inc.		
2024227694	Eli Lilly and Company		
2024227695	The United States of America, as represented by The Secretary, Department of Health and Human Services		
2024227696	Canva Pty Ltd		
2024227697	pH Pharma Co., Ltd.		
2024227698	Bruin Biometrics, LLC		
2024227699	Cardinal Health 529, LLC		
2024227700	HBG IP Holding Pty Ltd		
2024227701	Sunresin New Materials Co. Ltd.		
2024227702	TLOBRIK Patent Holder Pty Ltd		
2024227703	CompoSecure, LLC		
2024227704	Signage Systems Limited; Stanners, R.		
2024227705	Aurora Operations, Inc.		
2024227706	Centre for Probe Development and Commercialization		
2024227707	Loam Bio Pty Ltd		
2024227708	Pryzm Health IQ Pty Ltd		
2024227709	Shenzhen Yile Dynamic Technology Co., LTD		
2024227710	Beijing Roborock Technology Co., Ltd.		
2024227711	CRRC Qiqihar Rolling Stock Co., Ltd.		
2024227712	Angelcare Canada Inc.; International Refills Company Ltd.		
2024227713	Volvo Autonomous Solutions AB		
2024227714	Bodor Laboratories, Inc.		
2024227715	Balance Ophthalmics, Inc.		
2024227716	VMI HOLLAND B.V.		
2024227717	Munas, A.		
2024227718	Keyte, L.; Lloyd, R.; Boral IP Holdings (Australia) PTY Limited		
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2024227720	Graco Minnesota Inc.		
2024227721	Graco Minnesota Inc.		
2024227722	Dolby International AB		
2024227723	The Board of Trustees of The Leland Stanford Junior University		
2024227724	International Business Machines Corporation		
2024227725	The United States of America, as represented by The Secretary, Department of Health and Human Services; Teneobio, Inc.		
2024227726	Dolby International AB		
2024227730	Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd.; Guangdong Midea Kitchen Appliances Manufacturing Co., Ltd.		
2024227731	Guangdong Midea Kitchen and Bath Appliances Mfg. Co., Ltd.; Wuhu Midea Kitchen and Bath Appliances Mfg. Co., Ltd.		
2024227732	SAVARIA CONCORD LIFTS INC.		

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
18	Application Lapsed Reg. 3.2B(3),(5) or (6)
20	Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
21	Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
22	Patent Ceased Section 143A(d), or Expired
23	Patent Ceased Section 143A(e)
24	Application Lapsed Reg. 22.2E(2)
25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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2004220731 (14)	2004220735 (14)	2004220759 (14)
2004220760 (14)	2004220761 (14)	2004220765 (14)
2004222732 (14)	2004222734 (14)	2004222781 (14)
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2004284243 (14)	2004284445 (14)	2004284449 (14)
2004284836 (14)	2004284838 (14)	2004284904 (14)
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Assignments before Grant, Section 113

2019

2019231662 Operation Organic LLC The application has been assigned to **Arkion Life Sciences, LLC**

2019314502 PureTech LYT, Inc.; Monash University The application has been assigned to **Seaport Therapeutics, Inc.; Monash University**

2019323945 Staples, Linton; Lavelle, Michael; Halseth, Joseph; Snow, Nathan; Lake, Brendan The application has been assigned to **Animal Control Technologies (Australia) Pty Ltd; The United States of America, as Represented by the Secretary of Agriculture**

2019332400 Metcela Inc. The application has been assigned to **Lymphogenix Limited**

2019407814 OSE Immunotherapeutics The application has been assigned to **Boehringer Ingelheim International GmbH**

2020

2020203961 HKG Epitherapeutics Limited The application has been assigned to **EpiMedTechGlobal (EMTG)**

2020358129 STG IP Pty Ltd The application has been assigned to **STG Global Holdings Pty Ltd**

2020406083 OSE Immunotherapeutics The application has been assigned to **Boehringer Ingelheim International GmbH**

2020436199 KHORI, Anahid; GOLFIROOZI, Saeed; AHMADI, Farahnaz Sadat; KHORI, Vahid The application has been assigned to **POORKHANI, Amirhoushang; SHARIFIAN DAVAEI, Mirmohammad; MIRMOHAMMADI, Seyed; CHANGIZI, Shima; CHANGIZI, Navid; KHORI, Anahid; GOLFIROOZI, Saeed; AHMADI, Farahnaz Sadat; KHORI, Vahid**

2021

2021217172 PureTech LYT, Inc.; Monash University The application has been assigned to **Seaport Therapeutics, Inc.; Monash University**

2021221435 Matt Hangan Pty Ltd The application has been assigned to **Hangan, Matthew**

2021230209 Metcela Inc. The application has been assigned to **Lymphogenix Limited**

2021287233 Carbon Vault LLC The application has been assigned to **Carbon Vault Technologies LLC**

2021397960 PINEHURST ASSOCIATES LIMITED The application has been assigned to **Compostify Limited**

2021401316 KINIKA PHARMACEUTICALS, LTD. The application has been assigned to **Kiniksa Pharmaceuticals, GmbH**

2021402065 OSE IMMUNOTHERAPEUTICS The application has been assigned to **Boehringer Ingelheim International GmbH**

Assignments before Grant, Section 113

2021405281 CUREVAC SE; GLAXOSMITHKLINE BIOLOGICALS SA The application has been assigned to **GLAXOSMITHKLINE BIOLOGICALS SA**

2021422820 COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN The application has been assigned to **Trailer Aerodynamics LLC**

2022

2022231584 METCELA INC. The application has been assigned to **Lymphogenix Limited**

2022328321 SMARTSTALL LLC The application has been assigned to **SMARTSTALL, INC.**

2022344667 METCELA INC. The application has been assigned to **Lymphogenix Limited**

2022353171 ALBUFERA ENERGY STORAGE, S.L. The application has been assigned to **Zelestium Technologies, S.L.**

2022389637 Beijing Balance Medical Technology Co., Ltd. The application has been assigned to **West China Hospital of Sichuan University; Beijing Balance Medical Technology Co., Ltd.**

2023

2023219948 Monash University; PureTech LYT, Inc. The application has been assigned to **Seaport Therapeutics, Inc.; Monash University**

2023227517 COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN The application has been assigned to **Trailer Aerodynamics LLC**

2023227518 COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN The application has been assigned to **Trailer Aerodynamics LLC**

2023227849 COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN The application has been assigned to **Trailer Aerodynamics LLC**

2023228879 COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN The application has been assigned to **Trailer Aerodynamics LLC**

2023237047 Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. The application has been assigned to **Meissner, Felix; Winter, Sebastian Virreira**

2024

2024219329 Compagnie Generale des Etablissements Michelin The application has been assigned to **Trailer Aerodynamics LLC**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2019201992 **Virotec Pty Ltd** An application to extend the time from 22 Mar 2023 to 22 Aug 2024 in which to pay a continuation fee has been filed . Address for service - Macpherson Kelley Pty Ltd C/- GPO Box 5299 Brisbane QLD 4001 AU

2021

2021101467 **Ott Earthmoving Pty Ltd** An application to extend the time from 22 Mar 2024 to 22 Oct 2024 in which to pay a renewal fee has been filed . Address for service - OTT industries Pty Ltd PO Box 44 Highfields Highfields QLD 4352 AU

Applications Allowed - Section 223(2)

2007

2007203666 **Swanson Industries, Inc.** The time in which to pay a renewal fee has been extended to 06 Jun 2024 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2007324331 **Cortical Dynamics Limited** The time in which to pay a renewal fee has been extended to 15 Jun 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2013

2013202201 **Swanson Industries, Inc.** The time in which to pay a renewal fee has been extended to 28 Jun 2024 . Address for service - GLMR PO Box Q1615 Queen Victoria Building NSW 1230 AU

2019

2019412750 **Schreder S.A.** The time in which to pay a continuation fee has been extended to 24 Aug 2024 . Address for service - Golja Haines & Friend PO BOX 1014 SOUTH PERTH WA 6951 AU

2021

2021231230 **Ocado Innovation Limited** The time in which to pay the acceptance fee has been extended to 13 Oct 2024 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2021250910 **ALLEGIANCE CORPORATION** The time in which to pay a continuation fee has been extended to 18 May 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2021372294 **MA INDUSTRIES, LLC** The time in which to enter the National Phase has been extended to 30 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021372295 **MA INDUSTRIES, LLC** The time in which to enter the National Phase has been extended to 30 Jun 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

2022

2022203633 **ASSIA SPE, LLC** The time in which to pay a continuation fee has been extended to 05 Jul 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2024

2024227241 **Villella, J.; RETRACTIVE PTY LTD** The time in which to associate with a complete application has been extended to 10 Nov 2024 . Address for service - Joe Villella 3 Dawes Ct Mill Park VIC 3082 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.

2008

2008200924 Improvements in locks **Allegion (Australia) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2015

2015265865 Thiazolidinone compounds and their use in the treatment of psychiatric or neurological disorders and inflammation, in particular neuroinflammation **Universitat Bern** The nature of the amendment is as shown in the statement(s) filed 02 Sep 2024 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2017

2017316604 Transgenic non-human animals producing modified heavy chain-only antibodies **TeneoBio, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017321423 Methods of treating severe insulin resistance by interfering with glucagon receptor signaling **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2024 . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2018

2018243554 Generation of therapeutic cells using extracellular components of target organs **Wisconsin Alumni Research Foundation** The nature of the amendment is as shown in the statement(s) filed 18 Sep 2024 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018265869 Sulfamidase (SGSH) variants, vectors, compositions and methods and uses for treating mucopolysaccharidosis type IIIA (MPS IIIA) **The Children's Hospital of Philadelphia** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2024 .

Amendments

Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd
GPO Box 1374 Brisbane QLD 4001 AU

2018276376 Cell culture methods **UCB Biopharma SRL** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018289581 ROR1 antibody immunoconjugates **Velosbio Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018325645 IL-33 antagonist-containing therapeutic agent for endometriosis **Mitsubishi Tanabe Pharma Corporation ; Hyogo College Of Medicine** The nature of the amendment is as shown in the statement(s) filed 17 Oct 2024 . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018370019 Stable compositions of pegylated carfilzomib compounds **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018392074 Sheet formulation for oral use **SSP Co., Ltd., Japan** The nature of the amendment is as shown in the statement(s) filed 17 Oct 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2019

2019205766 Systems and methods for rapid neural network-based image segmentation and radiopharmaceutical uptake determination **Progenics Pharmaceuticals, Inc. ; Exini Diagnostics AB** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2024 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019216929 Potato starch and potato starch composition **Nisshin Seifun Welna Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Sep 2024 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2019264475 Bcl-2 inhibitors **BeiGene, Ltd.** The nature of the amendment is as shown in the statement(s) filed 23 Oct 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2021

2021343368 Discontinuous Reception Control Method and Apparatus, Terminal, and Readable Storage Medium **Vivo Mobile Communication Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2024 . Address for service - Adams Pluck PO Box 905 HORNSBY NSW 2077 AU

2022

2022265323 HETEROCYCLIC COMPOUNDS CAPABLE OF ACTIVATING STING **BOEHRINGER INGELHEIM INTERNATIONAL GMBH** The nature of the amendment is as shown in the statement(s)

Amendments

filed 10 Oct 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023200039 User interfaces related to time **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 12 Feb 2024 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2024

2024200766 PROTECTOR DEVICE FOR CONTAINERS **TAMC Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

Amendments Made

2016

2016349786 **Ambrx, Inc.** The nature of the amendment is as shown in the statement filed 01 Jul 2024

2017

2017281940 **University of Iowa Research Foundation** The nature of the amendment is as shown in the statement filed 02 Aug 2024

2018

2018329218 **Murison, B.; Carson, D.** The nature of the amendment is as shown in the statement filed 01 Aug 2024

2018384707 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read ULLA, Sibgat

2019

2019321527 **Crane & Co., Inc.** The nature of the amendment is as shown in the statement filed 09 Jul 2024

2019340383 **Crane & Co., Inc.** The nature of the amendment is as shown in the statement filed 09 Jul 2024

2019394522 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 30 Jul 2024

2020

2020266294 **StrainChem** The nature of the amendment is as shown in the statement filed 25 Jul 2024

2020462418 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 01 Aug 2024

2021

2021218060 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 10 Jul 2024

2021221444 **Sankararaman, M.; Jolliffe, R.** The nature of the amendment is: Application is to proceed under the number 2021107699

Amendments

2021236141 **NantCell, Inc.** The nature of the amendment is: Amend the name of the inventor to read SOON-SHIONG, Patrick; NIAZI, Kayvan and KING, Thomas H.

2022

2022202787 **University of Washington; Institute for Research in Biomedicine** The nature of the amendment is: Amend the name of the inventor to read KING, Neil P.; BAKER, David; NICKERSON, Brooke; STEWART, Lance Joseph; PEREZ, Laurent; LANZAVECCHIA, Antonio; MARCANDALLI, Jessica; FALLAS, Jorge and HSIA, Yang

2022454677 **YAMAHA HATSUDOKI KABUSHIKI KAISHA** The nature of the amendment is: Amend the invention title to read Articulated-robot-arm-control device

2023

2023203519 **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement filed 02 Jul 2024

2023227024 **SHANGHAI ZHIGEN PHARMACEUTICAL & TECHNOLOGY CO. LTD.** The nature of the amendment is: Amend the invention title to read Compounds used as TYK2 inhibitors, preparation method therefor, and pharmaceutical use thereof

2023228989 **Epigenic Therapeutics, Inc.** The nature of the amendment is: To amend the applicant name to read Epigenic Therapeutics, Inc.

2023239011 **TAE TECHNOLOGIES, INC.** The nature of the amendment is: Amend the name of the inventor to read SUYAKOV, Sergey and OLUBEV, Sergey Alexandrovich

2023240418 **UNIVERSITY OF MARYLAND, BALTIMORE COUNTY** The nature of the amendment is: Amend the name of the inventor to read BIEBERICH, Charles, J. and LI, Xiang

2023240831 **DATANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** The nature of the amendment is: Amend the invention title to read Method and Device for Carrier Switching, and User Equipment

2023253705 **GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG** The nature of the amendment is: Amend the name of the inventor to read JI, Junyan; MEUX, Ellen, Dorothee; RAVURI, Satya, Krishna Kishore; SCHOENHAMMER, Karin; TYLER, Jacqueline, Yvonne; VOLLRATH, Ilona, Elisabeth; BHARGAVA, Adithi, Chandrasekhara; DUBOEUF, Jérémy, Jean-Pierre; FAST, Lars, Jonas; PRINTZ, Miriam; QUIVET née BOILLON, Adeline Valentine and IRNGARTINGER, Meike

2023256689 **3D BIOLABS, LLC** The nature of the amendment is: Amend the name of the inventor to read Vacanti, Joseph, Phillip; Hancock, Matthew James; Lieberthal, Tyler; Mattson, Nicole; Neville, Craig and Sahakyants, Tatevik

2023257632 **ACERGY FRANCE SAS** The nature of the amendment is: Amend the invention title to read Handling Cables in Offshore Installations

2023263403 **VERU INC.** The nature of the amendment is: Amend the invention title to read Polymorphs of [2-(1H-indol-3-yl)-1H-imidazol-4-yl](3,4,5-trimethoxyphenyl)methanone and its salts

Amendments

2023275204 **MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.** The nature of the amendment is: Amend the invention title to read AIR CONDITIONER

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

2009

2009286189 Wartsila Oil & Gas Systems AS The name of the patentee has been altered to **Wärtsilä Gas Solutions Norway AS**

2011

2011320017 Checkmate International Pty Ltd The name of the patentee has been altered to **CHECKMATE IP PTY LTD**

2016

2016269553 SMART VENT PRODUCTS, INC. The name of the patentee has been altered to **SMART VENT PRODUCTS LLC**

2017

2017210218 National Oilwell DHT, L.P. The name of the patentee has been altered to **National Oilwell Varco, LP.**

2017306273 National Oilwell DHT, L.P. The name of the patentee has been altered to **National Oilwell Varco, LP.**

2017307198 The Board of Trustees of the Leland Stanford Junior University; Forty Seven, Inc. The name of the patentee has been altered to **The Board of Trustees of the Leland Stanford Junior University; Forty Seven, LLC**

2017379931 National Oilwell DHT, L.P. The name of the patentee has been altered to **National Oilwell Varco, LP.**

2018

2018220090 SMART VENT PRODUCTS, INC. The name of the patentee has been altered to **SMART VENT PRODUCTS LLC**

2018243929 National Oilwell DHT, L.P. The name of the patentee has been altered to **National Oilwell Varco, LP.**

2018273975 National Oilwell DHT, L.P. The name of the patentee has been altered to **National Oilwell Varco, LP.**

2019

2019228390 redT energy (Ireland) Limited The name of the applicant has been altered to **Invinity Energy Systems (Ireland) Limited**

2019318477 Xarkle Ltd. The name of the patentee has been altered to **Noa Water Ltd**

2019355036 Western Sydney Local Health District The name of the applicant has been altered to **Western Sydney Local Health District; The Westmead Institute for Medical Research**

2020

2020104392 Fruitshop International Co., Ltd. The name of the patentee has been altered to **Bone Collection Inc.**

Amendments

2020291074 Marine Biomedical Research Institute of Qingdao Co., Ltd.; CP Pharmaceutical Qingdao Co., Ltd. The name of the patentee has been altered to **Marine Biomedical Research Institute of Qingdao Co., Ltd.; Qingdao Conson Pharmaceutical Co., Ltd.**

2020314455 XCOM Labs, Inc. The name of the applicant has been altered to **Virewirx, Inc.**

2020369848 National Oilwell DHT, L.P. The name of the applicant has been altered to **National Oilwell Varco, LP.**

2020379658 National Oilwell DHT, L.P. The name of the applicant has been altered to **National Oilwell Varco, LP.**

2023

2023203623 Herrington, Humphrey The name of the applicant has been altered to **Herrington, H.**

2023256689 3D BIOLABS, LLC; Joseph Phillip VACANTI The name of the applicant has been altered to **3D BIOLABS, LLC**

2023258321 Salmeron, Sara The name of the applicant has been altered to **Salmeron, S.; van den Brink, P.**

2023283443 CHINA NATIONAL PETROLEUM CORPORATION ; CHINA NATIONAL PETROLEUM CORPORATION SAFETY AND ENVIRONMENTAL TECHNOLOGY RESEARCH INSTITUTE CO., LTD. The name of the applicant has been altered to **China National Petroleum Corporation; CNPC Engineering Technology R & D Company Limited**

2023903963 Fortescue Metals Group Ltd The name of the applicant has been altered to **Fortescue Ltd**

2023903977 Fortescue Metals Group Ltd The name of the applicant has been altered to **Fortescue Ltd**

2023904027 Fortescue Metals Group Ltd The name of the applicant has been altered to **Fortescue Ltd**

2024

2024200953 National Oilwell DHT, L.P. The name of the applicant has been altered to **National Oilwell Varco, LP.**

2024227395 RufDiamond Ltd The name of the applicant has been altered to **RufDiamond Ltd.**

2024903177 Herrington, Humphrey The name of the applicant has been altered to **Herrington, H.**

Applications Open to Public Inspection

Name Index

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

(71) 3D At Depth, Inc.
 (11) AU-A-2024227451
 (21) 2024227451 (22) 18.10.2024
 (54) UNDERWATER OPTICAL METRO-
 LOGY SYSTEM
 (51) Int. Cl.
F16L 1/26 (2006.01)
G01B 5/004 (2006.01)
 (43) 07.11.2024
 (62) 2018300057
 (72) Embry, Carl W.; Manning, Neil; Pierce,
 Derek D.; Rickards, Julian Peter;
 Moore, Cory S.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) AbbVie Inc.
 (11) AU-A-2024227468
 (21) 2024227468 (22) 18.10.2024
 (54) Methods of treatment of diseases in
 which IL-13 activity is detrimental using
 anti-IL-13 antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/56 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
 (43) 07.11.2024
 (62) 2022268294
 (72) TIMONY, Gregg; GUJRATHI, Sheila;
 PEACH, Robert; OLSON, Allan
 (74) Spruson & Ferguson

(71) Adobe Inc.
 (11) AU-A-2024201093
 (21) 2024201093 (22) 20.02.2024
 (54) GENERATING AND VISUALIZING
 PLANAR SURFACES WITHIN A
 THREE-DIMENSIONAL SPACE FOR
 MODIFYING OBJECTS IN A TWO-DI-
 MENSIONAL EDITING INTERFACE
 (51) Int. Cl.
G06T 7/50 (2017.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 7/13 (2017.01)
G06T 7/62 (2017.01)
G06V 10/20 (2022.01)
G06V 10/26 (2022.01)
 (31) 18/304,162 (32) 20.04.23 (33) US
 (43) 07.11.2024
 (72) Joachim, Jeremy
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024201096
 (21) 2024201096 (22) 20.02.2024
 (54) GENERATING MODIFIED TWO-DI-
 MENSIONAL IMAGES BY CUSTOMIZ-
 ING FOCAL POINTS VIA THREE-DI-

MENSIONAL REPRESENTATIONS OF
 THE TWO-DIMENSIONAL IMAGES
 (51) Int. Cl.
G06T 7/50 (2017.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 15/60 (2006.01)
G06T 15/80 (2011.01)
G06V 10/20 (2022.01)
 (31) 18/304,176 (32) 20.04.23 (33) US
 (43) 07.11.2024
 (72) Joachim, Jeremy; Bagnall, Archie
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024201173
 (21) 2024201173 (22) 22.02.2024
 (54) GENERATING THREE-DIMENSION-
 AL HUMAN MODELS REPRESENT-
 ING TWO-DIMENSIONAL HUMANS IN
 TWO-DIMENSIONAL IMAGES
 (51) Int. Cl.
G06T 5/60 (2024.01)
G06T 5/77 (2024.01)
G06T 7/70 (2017.01)
G06T 15/50 (2011.01)
 (31) 18/304,144 (32) 20.04.23 (33) US
 (43) 07.11.2024
 (72) Zhou, Yi; Wang, Yangtuanfeng; Zhou,
 Yang; Singh, Krishna kumar; Yoon,
 Jae Shin; Gori, Giorgio; Aksit, Duygu
 Ceylan
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2024201182
 (21) 2024201182 (22) 22.02.2024
 (54) MODIFYING POSES OF TWO-DI-
 MENSIONAL HUMANS IN TWO-DI-
 MENSIONAL IMAGES BY REPOSING
 THREE-DIMENSIONAL HUMAN MOD-
 ELS REPRESENTING THE TWO-DI-
 MENSIONAL HUMANS
 (51) Int. Cl.
G06T 17/00 (2006.01)
G06N 20/10 (2019.01)
G06T 7/246 (2017.01)
G06V 20/64 (2022.01)
G06V 40/00 (2022.01)
G06V 40/10 (2022.01)
 (31) 18/304,147 (32) 20.04.23 (33) US
 (43) 07.11.2024
 (72) Zhou, Yi; Wang, Yangtuanfeng; Zhou,
 Yang; Singh, Krishna kumar; Yoon,
 Jae Shin; Gori, Giorgio; Aksit, Duygu
 Ceylan
 (74) RnB IP Pty Ltd

(71) ALSTOM Holdings
 (11) AU-A-2024202434
 (21) 2024202434 (22) 15.04.2024

(54) System and method for controlling the
 integrity of a railway convoy, and rail-
 way convoy comprising such system
 (51) Int. Cl.
B61L 25/02 (2006.01)
G05D 1/00 (2006.01)
H04W 4/00 (2018.01)
 (31) 23305604.3 (32) 19.04.23 (33) EP
 (43) 07.11.2024
 (72) Erriquez, Attilio
 (74) Davies Collison Cave Pty Ltd

(71) Andonopoulos, P.
 (11) AU-A-2024202356
 (21) 2024202356 (22) 11.04.2024
 (54) SYSTEM FOR PRODUCING SHADOW
 LINES
 (51) Int. Cl.
E06B 1/34 (2006.01)
E04F 19/04 (2006.01)
E06B 1/62 (2006.01)
E06B 1/52 (2006.01)
 (31) 2023901190 (32) 21.04.23 (33) AU
 (43) 07.11.2024
 (72) Andonopoulos, Peter
 (74) Wrays Pty Ltd

(71) Angelcare Canada Inc.
 (11) AU-A-2024227432
 (21) 2024227432 (22) 17.10.2024
 (54) WASTE DISPOSAL DEVICE AND
 FILM DISPENSING CASSETTE
 (51) Int. Cl.
B65F 1/06 (2006.01)
B65D 43/26 (2006.01)
B65F 1/16 (2006.01)
B65H 16/06 (2006.01)
 (43) 07.11.2024
 (62) 2019342090
 (72) Morand, Michel
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Angel Group Co., Ltd.
 (11) AU-A-2024227442
 (21) 2024227442 (22) 18.10.2024
 (54) Recognition system
 (51) Int. Cl.
A63F 13/85 (2014.01)
 (43) 07.11.2024
 (62) 2022231800
 (72) Shigeta, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) ANSTEEL BEIJING RESEARCH INSTI-
 TUTE CO., LTD.; ANSTEEL GROUP
 MINING CORPORATION LIMITED
 (11) AU-A-2023387762
 (21) 2023387762 (22) 10.10.2023

Applications Open to Public Inspection - Name Index cont'd

(54) MAGNETIC SEPARATION-ELECTRIC SEPARATION TECHNOLOGY FOR COMPLEX REFRACTORY IRON ORE
 (51) Int. Cl.
B03C 1/005 (2006.01)
C22B 1/02 (2006.01)
C22B 5/02 (2006.01)
 (31) 202310422962.5 (32) 19.04.23 (33) CN
 202310423006.9 19.04.23 CN
 (43) 07.11.2024
 (72) LIU, Jianjun; FU, Guohui; YANG, Xiaofeng; XU, Liansheng; YAO, Qiang; CHAI, Qingping
 (74) Madderns Pty Ltd

ANSTEEL GROUP MINING CORPORATION LIMITED see ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.
 (21) 2023387762

(71) APDN (B.V.I.) Inc.
 (11) AU-A-2024227500
 (21) 2024227500 (22) 21.10.2024
 (54) Systems and methods for tracking the origin of cannabis products and cannabis derivative products
 (51) Int. Cl.
C12N 15/11 (2006.01)
C07H 21/04 (2006.01)
C12Q 1/68 (2018.01)
C40B 40/06 (2006.01)
 (43) 07.11.2024
 (62) 2019215171
 (72) HOGAN, Michael E.; HOPE, Gordon; HAYWARD, James A.; SHERMAN, John; ACKERMAN, Thomas; VIS-COUNT, Brian
 (74) Spruson & Ferguson

(71) Apple Inc.
 (11) AU-A-2024227389
 (21) 2024227389 (22) 16.10.2024
 (54) Wireless power system with communications
 (51) Int. Cl.
H02J 50/90 (2016.01)
H02J 50/10 (2016.01)
H02J 50/80 (2016.01)
 (43) 07.11.2024
 (62) 2021336223
 (72) PATEL, Parin; KUMAR, Daniel P.; CHANG, Andrew C.
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2023202491
 (21) 2023202491 (22) 24.04.2023
 (54) GAMING DEVICE WITH TRIGGER SYMBOLS HAVING DISPLAY MODES
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/50 (2014.01)
 (43) 07.11.2024
 (72) Batsiokis, Amy; Gupta, Lagan; Goel, Gaurav; Singh, Vishal; Tran, Dinh; O'Sullivan, Nicholas; Van Elven, Rob-

bert; Chapple, Lauren; Seifert, Philip; Elliott, Tyson; Aggarwal, Romit
 (74) James & Wells Intellectual Property

(71) Aus Mining Services Pty Ltd
 (11) AU-A-2024202575
 (21) 2024202575 (22) 18.04.2024
 (54) IMPROVED GAS WATER SEPARATOR
 (51) Int. Cl.
C02F 1/20 (2023.01)
E21F 7/00 (2006.01)
F16K 17/42 (2006.01)
B01D 19/00 (2006.01)
F16K 31/34 (2006.01)
C02F 101/10 (2006.01)
C02F 101/32 (2006.01)
C02F 103/10 (2006.01)
 (31) 2023901147 (32) 18.04.23 (33) AU
 (43) 07.11.2024
 (72) White, Daniel Elijah; Foley, Stuart
 (74) TJP Patents, Trade Marks & Designs

(71) Australian Industrial Plastics Pty Ltd
 (11) AU-A-2024200439
 (21) 2024200439 (22) 24.01.2024
 (54) Odour Control Apparatus
 (51) Int. Cl.
B01D 53/04 (2006.01)
B01D 53/52 (2006.01)
B01D 53/82 (2006.01)
 (31) 2023901208 (32) 24.04.23 (33) AU
 (43) 07.11.2024
 (72) Alexander, James
 (74) Caska Intellectual Property Pty Ltd

(71) Baek Clinical Inc.
 (11) AU-A-2024227404
 (21) 2024227404 (22) 17.10.2024
 (54) High-potency Vitamin C topical formulations
 (51) Int. Cl.
A61K 31/045 (2006.01)
A61K 31/355 (2006.01)
A61K 31/375 (2006.01)
 (43) 07.11.2024
 (62) 2019362007
 (72) BAEK, Jihoon, P.
 (74) FB Rice Pty Ltd

(71) BEDGEAR, LLC
 (11) AU-A-2024227480
 (21) 2024227480 (22) 18.10.2024
 (54) Ambient Bed Having a Heat Reclaim System
 (51) Int. Cl.
A47C 21/04 (2006.01)
A61G 7/057 (2006.01)
 (43) 07.11.2024
 (62) 2022205144
 (72) Alletto Jr., Eugene; Barzin Rad, Vandad
 (74) Michael Buck IP

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024227475
 (21) 2024227475 (22) 18.10.2024

(54) Stents and methods for use and manufacture of stents with improved retention members
 (51) Int. Cl.
A61F 2/90 (2013.01)
A61B 17/11 (2006.01)
A61F 2/04 (2013.01)
 (43) 07.11.2024
 (62) 2021342292
 (72) FOLAN, Martyn G.
 (74) Spruson & Ferguson

(71) BOWLEY, C.
 (11) AU-A-2023202369
 (21) 2023202369 (22) 18.04.2023
 (54) A CONSTRUCTION ELEMENT AND SYSTEM
 (51) Int. Cl.
E02D 29/02 (2006.01)
E02D 5/56 (2006.01)
E02D 5/80 (2006.01)
 (43) 07.11.2024
 (72) BOWLEY, Collin
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Brilliant Light Power, Inc.
 (11) AU-A-2024227467
 (21) 2024227467 (22) 18.10.2024
 (54) Magnetohydrodynamic electric power generator
 (51) Int. Cl.
C01B 3/00 (2006.01)
H02S 10/40 (2014.01)
 (43) 07.11.2024
 (62) 2018378300
 (72) MILLS, Randell L.
 (74) Spruson & Ferguson

Burgis, A. see Burgis, W.
 (21) 2024201924

(71) Burgis, W.; Burgis, A.
 (11) AU-A-2024201924
 (21) 2024201924 (22) 26.03.2024
 (54) TOILET HYGIENE APPARATUS
 (51) Int. Cl.
E03D 9/02 (2006.01)
E03D 9/03 (2006.01)
 (31) 2023901160 (32) 19.04.23 (33) AU
 (43) 07.11.2024
 (72) Burgis, Wayne; Ma, GuoDong
 (74) Michael Buck IP

(71) Carbon Link Limited
 (11) AU-A-2024202270
 (21) 2024202270 (22) 09.04.2024
 (54) System and method for soil analysis
 (51) Int. Cl.
G01N 33/24 (2006.01)
G01N 1/08 (2006.01)
G01N 23/046 (2018.01)
G01N 23/087 (2018.01)
A61B 6/03 (2006.01)
G06K 7/10 (2006.01)
G06K 7/14 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

G06K 19/06 (2006.01)
(31) 2023901144 **(32)** 18.04.23 **(33)** AU
(43) 07.11.2024
(72) Pelliccia, Daniele; McCosker, Terry
(74) Davies Collison Cave Pty Ltd

(71) Cargill, Incorporated
(11) AU-A-2024227393
(21) 2024227393 **(22)** 16.10.2024
(54) Composition comprising mannose oligosaccharide and process for making same and use thereof
(51) Int. Cl.
A61K 31/715 (2006.01)
A23K 10/00 (2016.01)
(43) 07.11.2024
(62) 2018284983
(72) STENGEL, Bruno Frédéric; KÜSTERS, Christof Franz
(74) Spruson & Ferguson

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(11) AU-A-2023414164
(21) 2023414164 **(22)** 03.08.2023
(54) MINING ELECTRIC EXCAVATOR AUTOMATIC OPERATION CONTROL METHOD TAKING INTO CONSIDERATION SUDDEN CHANGE IN LOAD DURING EXCAVATION
(51) Int. Cl.
E02F 9/20 (2006.01)
E02F 3/30 (2006.01)
(31) 202310436421.8 **(32)** 21.04.23 **(33)** CN
(43) 07.11.2024
(72) TANG, Yu; SHEN, Gang; CHANG, Jin; ZHOU, Gongbo; ZHU, Zhencai; GUO, Yongcun; KOU, Ziming; WU, Juan; SHI, Zhiyuan; LU, Hao; PENG, Yuxing; WANG, Qingguo
(74) Baxter Patent Attorneys Pty Ltd

(71) CHINA UNIVERSITY OF MINING AND TECHNOLOGY
(11) AU-A-2023424025
(21) 2023424025 **(22)** 03.08.2023
(54) VISION-ASSISTED AUTOMATIC EXCAVATION OPERATION METHOD FOR MINING ELECTRIC SHOVEL
(51) Int. Cl.
E02F 3/43 (2006.01)
E02F 3/30 (2006.01)
E02F 9/20 (2006.01)
G02B 27/00 (2006.01)
G06T 5/80 (2024.01)
G06T 7/593 (2017.01)
G06T 7/80 (2017.01)
G06T 17/00 (2006.01)
(31) 202310439200.6 **(32)** 21.04.23 **(33)** CN
(43) 07.11.2024
(72) SHEN, Gang; TANG, Yu; GUO, Yongcun; CHANG, Jin; ZHOU, Gongbo; ZHU, Zhencai; XIE, Hui; KOU, Ziming; WU, Juan; SHI, Zhiyuan; LU, Hao; PENG, Yuxing; WANG, Qingguo
(74) Baxter Patent Attorneys Pty Ltd

(71) Chongqing Changan Automobile Co., Ltd.
(11) AU-A-2024200042
(21) 2024200042 **(22)** 03.01.2024
(54) VEHICLE AUTONOMOUS DRIVING PERCEPTION SELF-LEARNING METHOD AND APPARATUS, AND ELECTRONIC DEVICE
(51) Int. Cl.
G06N 3/08 (2023.01)
B60W 60/00 (2020.01)
G05D 1/00 (2006.01)
G06N 20/00 (2019.01)
(31) 202310430817.1 **(32)** 19.04.23 **(33)** CN
(43) 07.11.2024
(72) Han, Sanchu; Hao, Jinlong; Zheng, Bo; Long, Pengyu
(74) Madderns Pty Ltd

(71) Commonwealth Scientific and Industrial Research Organisation
(11) AU-A-2024227369
(21) 2024227369 **(22)** 16.10.2024
(54) Expression of nitrogenase polypeptides in plant cells
(51) Int. Cl.
C12N 5/14 (2006.01)
C07K 14/26 (2006.01)
C12N 9/02 (2006.01)
C12N 15/82 (2006.01)
(43) 07.11.2024
(62) 2018216169
(72) WOOD, Craig Christopher; ALLEN, Robert Silas; OKADA, Shoko; WARDEN, Andrew Charles; TILBROOK, Kimberley Thelma; TAYLOR, Matthew Craig
(74) FB Rice Pty Ltd

(71) Connected Innovations Limited
(11) AU-A-2024227472
(21) 2024227472 **(22)** 18.10.2024
(54) Electrical safety device and system
(51) Int. Cl.
G08B 17/12 (2006.01)
G08B 17/06 (2006.01)
(43) 07.11.2024
(62) 2024205093
(72) PARFITT, Anthony D
(74) Davies Collison Cave Pty Ltd

(71) Conventus Orthopaedics, Inc.
(11) AU-A-2024227197
(21) 2024227197 **(22)** 09.10.2024
(54) Active compression apparatus, methods of assembly and methods of use
(51) Int. Cl.
A61B 17/86 (2006.01)
(43) 07.11.2024
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(74) Michael Buck IP

(71) DEEPMIND TECHNOLOGIES LIMITED
(11) AU-A-2024227407

(21) 2024227407 **(22)** 17.10.2024
(54) MULTIMODAL FEW-SHOT LEARNING WITH FROZEN LANGUAGE MODELS
(51) Int. Cl.
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
G06V 10/80 (2022.01)
G06V 10/82 (2022.01)
(43) 07.11.2024
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Demandware Inc.
(11) AU-A-2024227458
(21) 2024227458 **(22)** 18.10.2024
(54) Scalable systems and methods for generating and serving recommendations
(51) Int. Cl.
G06Q 30/06 (2023.01)
(43) 07.11.2024
(62) 2022228116
(72) KRISHNAN, Bharath K.; TORRA, Michael J.
(74) Davies Collison Cave Pty Ltd

(71) Differential Engineering Inc.
(11) AU-A-2024227436
(21) 2024227436 **(22)** 17.10.2024
(54) Systems and methods for improvement of metal recovery and stability of piles
(51) Int. Cl.
E21B 43/28 (2006.01)
B01D 11/02 (2006.01)
C22B 3/02 (2006.01)
C22B 3/04 (2006.01)
E21B 43/26 (2006.01)
(43) 07.11.2024
(62) 2018312248
(72) SEAL, Thomas Joseph
(74) FPA Patent Attorneys Pty Ltd

(71) Dolby International AB
(11) AU-A-2024227387
(21) 2024227387 **(22)** 16.10.2024
(54) Integration of high frequency audio reconstruction techniques
(51) Int. Cl.
G10L 21/0388 (2013.01)
G10L 19/02 (2013.01)
G10L 19/24 (2013.01)
(43) 07.11.2024
(62) 2024202352
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(71) Dolby International AB
(11) AU-A-2024227418
(21) 2024227418 **(22)** 17.10.2024

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 (51) Int. Cl.
G10L 19/00 (2013.01)
 (43) 07.11.2024
 (62) 2024203127
 (72) VILLEMOES, Lars; PURNHAGEN, Heiko; EKSTRAND, Per
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 (11) AU-A-2024227419
 (21) 2024227419 (22) 17.10.2024
 (54) Backward-compatible integration of harmonic transposer for high frequency reconstruction of audio signals
 (51) Int. Cl.
G06F 17/10 (2006.01)
G10L 19/02 (2013.01)
G10L 19/22 (2013.01)
G10L 19/24 (2013.01)
G10L 19/26 (2013.01)
 (43) 07.11.2024
 (62) 2023266360
 (72) VILLEMOES, Lars; PURNHAGEN, Heiko; EKSTRAND, Per
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 (11) AU-A-2024227470
 (21) 2024227470 (22) 18.10.2024
 (54) Method and device for applying dynamic range compression to a higher order ambisonics signal
 (51) Int. Cl.
H04S 3/00 (2006.01)
G10L 19/008 (2013.01)
 (43) 07.11.2024
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 (72) BOEHM, Johannes; KEILER, Florian
 (74) Spruson & Ferguson

(71) Douglas Pharmaceuticals Ltd.
 (11) AU-A-2024227388
 (21) 2024227388 (22) 16.10.2024
 (54) Extended Release Pharmaceutical Formulation
 (51) Int. Cl.
A61K 31/135 (2006.01)
A61K 9/20 (2006.01)
A61K 45/06 (2006.01)
 (43) 07.11.2024
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 (74) Eagar & Associates Pty Ltd

(71) Dux Manufacturing Limited
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 (21) 2024201643 (22) 13.03.2024
 (54) Water heater system
 (51) Int. Cl.
F24D 17/02 (2006.01)
F24D 3/18 (2006.01)
F24H 1/00 (2022.01)
F24H 4/04 (2006.01)

F24H 9/00 (2022.01)
F24H 9/12 (2022.01)
F25B 29/00 (2006.01)
F25B 30/02 (2006.01)
H05K 7/20 (2006.01)
 (31) 2023901171 (32) 20.04.23 (33) AU
 (43) 07.11.2024
 (72) PHILIP, Anoop; JOHN, Rony
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(71) Elecsome Pty Ltd
 (11) AU-A-2023229502
 (21) 2023229502 (22) 12.09.2023
 (54) Method for separating fluoropolymer layers from a substrate
 (51) Int. Cl.
C08J 11/08 (2006.01)
B09B 3/80 (2022.01)
B32B 43/00 (2006.01)
H01L 31/048 (2014.01)
H01L 31/049 (2014.01)
B01D 11/02 (2006.01)
 (31) 2023901149 (32) 18.04.23 (33) AU
 (43) 07.11.2024
 (72) Sabri, Ylias; Al Kobaisi, Mohammad; Koley, Paramita
 (74) Davies Collison Cave Pty Ltd

(71) EXEL INDUSTRIES
 (11) AU-A-2024227399
 (21) 2024227399 (22) 17.10.2024
 (54) Multiple nozzle holder for agricultural spray system
 (51) Int. Cl.
A01M 7/00 (2006.01)
B05B 17/00 (2006.01)
 (43) 07.11.2024
 (62) 2023278025
 (72) PITAUD, Sylvain
 (74) Alder IP Pty Ltd

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 (11) AU-A-2024227452
 (21) 2024227452 (22) 18.10.2024
 (54) Robot arm kinematics for end effector control
 (51) Int. Cl.
B25J 9/16 (2006.01)
 (43) 07.11.2024
 (62) 2018304730
 (72) PIVAC, Mark Joseph; ROBERTSON, James Gary
 (74) Davies Collison Cave Pty Ltd

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 (54) Application of HIF1a protein as a biomarker in the screening safe hepatic lipid-lowering feed additive
 (51) Int. Cl.
C12N 1/20 (2006.01)
A23K 10/18 (2016.01)
A23K 20/10 (2016.01)
A23K 20/163 (2016.01)
A23K 50/80 (2016.01)

A61K 45/00 (2006.01)
A61P 1/00 (2006.01)
A61P 1/16 (2006.01)
A61P 31/00 (2006.01)
C12Q 1/04 (2006.01)
C12Q 1/68 (2018.01)
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 (74) Spruson & Ferguson

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 (21) 2024227386 (22) 16.10.2024
 (54) CLOSED LOOP OXYGEN CONTROL
 (51) Int. Cl.
A61M 16/10 (2006.01)
A61B 5/1455 (2006.01)
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 (62) 2018346088
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 (74) AJ PARK

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 (21) 2024201946 (22) 26.03.2024
 (54) Wireless power transfer
 (51) Int. Cl.
H02J 50/12 (2016.01)
H01F 38/14 (2006.01)
 (31) 23 168 841.7 (32) 20.04.23 (33) EP
 23 189 230.8 02.08.23 EP
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 (74) FB Rice Pty Ltd

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 (11) AU-A-2024202081
 (21) 2024202081 (22) 02.04.2024
 (54) Universal interface
 (51) Int. Cl.
H02J 50/10 (2016.01)
G01F 15/06 (2022.01)
G01F 15/18 (2006.01)
G08C 17/00 (2006.01)
 (31) 23 168 841.7 (32) 20.04.23 (33) EP
 (43) 07.11.2024
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 (74) FB Rice Pty Ltd

(71) Gilead Sciences, Inc.
 (11) AU-A-2024227402
 (21) 2024227402 (22) 17.10.2024
 (54) Antiviral compounds

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A61P 31/12 (2006.01)
A61K 31/706 (2006.01)
A61P 31/14 (2006.01)
C07F 9/6561 (2006.01)
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(62) 2021224137
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(74) FPA Patent Attorneys Pty Ltd
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- (71) Google LLC
(11) AU-A-2024202537
(21) 2024202537 (22) 17.04.2024
(54) TEXT-BASED REAL IMAGE EDITING WITH DIFFUSION MODELS
- (51) Int. Cl.
G06T 5/70 (2024.01)
G06N 3/02 (2006.01)
G06T 5/00 (2006.01)
G06T 11/00 (2006.01)
- (31) 18/302,508 (32) 18.04.23 (33) US
(43) 07.11.2024
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) HANWHA CORPORATION
(11) AU-A-2023226668
(21) 2023226668 (22) 07.07.2023
(54) Detonator connector having wire protection structure
- (51) Int. Cl.
F42C 19/12 (2006.01)
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(43) 07.11.2024
(72) JANG, Woo Young
(74) WRAYS PTY LTD
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- (71) He, J.
(11) AU-A-2024202487
(21) 2024202487 (22) 16.04.2024
(54) Hair removal device
- (51) Int. Cl.
A45D 26/00 (2006.01)
- (31) 2023104619838 (32) 21.04.23 (33) CN
(43) 07.11.2024
(72) He, Jingtao
(74) LAMINAR IP PTY LTD
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- (71) Hiab AB
(11) AU-A-2024201944
(21) 2024201944 (22) 26.03.2024
(54) Lift frame assembly
- (51) Int. Cl.
B60P 1/64 (2006.01)
- (31) 23168729.4 (32) 19.04.23 (33) EP
- (43) 07.11.2024
(72) VÄHÄ-PIIKKIÖ, Ville; NYSTRÖM, Mikko
(74) Griffith Hack
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- (71) Honor Systems LLC
(11) AU-A-2024227433
(21) 2024227433 (22) 17.10.2024
(54) SOFTWARE UPDATER
- (51) Int. Cl.
G06F 8/10 (2018.01)
G06F 8/71 (2018.01)
G06F 8/75 (2018.01)
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(62) 2022286923
(72) Davidson, Stephen
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Howmedica Osteonics Corp.
(11) AU-A-2024227476
(21) 2024227476 (22) 18.10.2024
(54) Virtual guidance for orthopedic surgical procedures
- (51) Int. Cl.
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
- (43) 07.11.2024
(62) 2023285959
(72) POLTARETSKYI, Sergii; CHAOUI, Jean; CARIOU, Damien
(74) FB Rice Pty Ltd
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- (71) HOWMEDICA OSTEONICS CORP.
(11) AU-A-2024202605
(21) 2024202605 (22) 22.04.2024
(54) BREAKAWAY COVERS FOR USE IN PROCESSING BUILD STRUCTURES WITH POROUS REGIONS
- (51) Int. Cl.
B22F 10/47 (2021.01)
A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
B22F 10/38 (2021.01)
B22F 10/60 (2021.01)
- (31) 63/461,357 (32) 24.04.23 (33) US
(43) 07.11.2024
(72) PARKER, Brad A; WALSH, Gearoid; BERNSTEIN, Henry; BOBISH, Christopher S; SPLIETH, Roy Philip
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) HSP Hochspannungsgeräte GmbH
(11) AU-A-2024202499
(21) 2024202499 (22) 17.04.2024
(54) METHOD FOR JOINING ELECTRICAL STEEL LAMINATIONS AND DEVICE FOR CARRYING OUT SUCH A METHOD
- (51) Int. Cl.
H01F 3/02 (2006.01)
B21D 37/16 (2006.01)
B21D 39/03 (2006.01)
B21D 53/00 (2006.01)
H01F 27/24 (2006.01)
H01F 27/245 (2006.01)
H01F 41/02 (2006.01)
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- (31) 23168512.4 (32) 18.04.23 (33) EP
(43) 07.11.2024
(72) Klaus, Koeck; Klaus, Pointner
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) IGT
(11) AU-A-2024227478
(21) 2024227478 (22) 18.10.2024
(54) System and method for transferring funds from a financial institution device to a cashless wagering account accessible via a mobile device
- (51) Int. Cl.
G07F 17/32 (2006.01)
- (43) 07.11.2024
(62) 2022241468
(72) Petersen, Erik B.; Levin, Matthew; Davis, Dwayne A.; Higgins, Kevin; Miri, Sina
(74) Clark Intellectual Property Pty Ltd
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- (71) IHI Corporation
(11) AU-A-2024201987
(21) 2024201987 (22) 27.03.2024
(54) Operation plan creation device, operation plan creation method, operation plan creation program, and method for producing hydrogen
- (51) Int. Cl.
H02J 3/38 (2006.01)
G05B 13/04 (2006.01)
- (31) 2023-067989 (32) 18.04.23 (33) JP
(43) 07.11.2024
(72) KOGUMA, Yuji; HAMAGUCHI, Kenichi; INAMURA, Akinobu; KAZIKURA, Sho
(74) FPA Patent Attorneys Pty Ltd
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- (71) Integrity Security Services LLC
(11) AU-A-2024227412
(21) 2024227412 (22) 17.10.2024
(54) Systems, methods, and devices for provisioning and processing geolocation information for computerized devices
- (51) Int. Cl.
H04L 9/08 (2006.01)
H04W 4/029 (2018.01)
H04W 12/08 (2021.01)
H04W 48/04 (2009.01)
H04W 48/18 (2009.01)
H04W 88/04 (2009.01)
H04W 88/16 (2009.01)
- (43) 07.11.2024
(62) 2019221764
(72) FYNAAARDT, Daniel R.; LATTIN, William L.; MEYER, Alan T.
(74) FPA Patent Attorneys Pty Ltd
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- (71) INTERCONTINENTAL GREAT BRANDS LLC
(11) AU-A-2024227456
(21) 2024227456 (22) 18.10.2024
(54) Unwrapped hard candy product; isomalt confectionery; method of making and use thereof
- (51) Int. Cl.
A23G 3/36 (2006.01)

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A23G 3/48 (2006.01)
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(62) 2021357059
(72) NORTON, Clive R.; JINDAL, Khyati A.; OZTEKIN, Mine; POLAK, William M.
(74) Griffith Hack
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- (71)** iSOL8 Pty Ltd
(11) AU-A-2024227355
(21) 2024227355 **(22)** 15.10.2024
(54) Apparatus and Related Method for Isolation Locking of an Asset
(51) Int. Cl.
F16P 3/00 (2006.01)
E05B 19/00 (2006.01)
E05B 67/00 (2006.01)
G06Q 50/04 (2012.01)
G07C 9/00 (2020.01)
(43) 07.11.2024
(62) 2023202349
(72) POWER, Stephen
(74) Golja Haines & Friend
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- (71)** Israel Atomic Energy Commission Nuclear Research Center - NEGEV
(11) AU-A-2024227484
(21) 2024227484 **(22)** 18.10.2024
(54) Similarity Search Engine For A Digital Visual Object
(51) Int. Cl.
G06F 16/951 (2019.01)
G06F 16/583 (2019.01)
(43) 07.11.2024
(62) 2019358615
(72) MOSSERI, Idan; RUSANOVSKY, Matan; OREN, Gal
(74) WRAYS PTY LTD
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- (71)** Janssen Pharmaceutica NV
(11) AU-A-2024227438
(21) 2024227438 **(22)** 17.10.2024
(54) Esketamine for the treatment of depression
(51) Int. Cl.
A61K 31/135 (2006.01)
A61P 25/24 (2006.01)
(43) 07.11.2024
(62) 2018282466
(72) CANUSO, Carla; DALY, Ella; DREVETS, Wayne; LI, Honglan; HOUGH, David Wood; JANIK, Adam; OCHS-ROSS, Rachel; SINGH, Jaskaran; WAJS, Ewa; ZANNIKOS, Peter
(74) Spruson & Ferguson
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- (71)** Jinko Solar (Haining) Co., Ltd.; Zheji-ang Jinko Solar Co., Ltd.
(11) AU-A-2023203632
(21) 2023203632 **(22)** 09.06.2023
(54) SOLAR CELL, METHOD FOR PREPARING SOLAR CELL, AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0256 (2006.01)
H01L 21/38 (2006.01)
H01L 29/41 (2006.01)
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- H01L 31/0288** (2006.01)
H01L 31/042 (2014.01)
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(72) Zhang, Bike; Yang, Nannan; Xu, Mengwei; Jin, Jingsheng
(74) Madderns Pty Ltd
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- (71)** JINKO SOLAR (HAINING) CO., LTD.;; ZHEJIANG JINKO SOLAR CO., LTD.
(11) AU-A-2023233146
(21) 2023233146 **(22)** 21.09.2023
(54) BACK-CONTACT PHOTOVOLTAIC MODULE AND MANUFACTURING METHOD THEREOF
(51) Int. Cl.
H01L 31/0216 (2014.01)
H01L 31/0224 (2006.01)
H01L 31/049 (2014.01)
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(72) TAO, Wusong; WANG, Luchuang; HUANG, Shiliang; GUO, Zhiqiu
(74) BOSH IP Pty Ltd
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- (71)** Jonquil Consulting Inc.
(11) AU-A-2023216772
(21) 2023216772 **(22)** 15.08.2023
(54) CARBON DIOXIDE-CONTAINING GAS PROCESSING SYSTEM AND CARBON DIOXIDE-CONTAINING GAS PROCESSING METHOD
(51) Int. Cl.
C01B 32/184 (2017.01)
B01D 53/62 (2006.01)
C01B 32/50 (2017.01)
C01D 1/02 (2006.01)
C01D 7/07 (2006.01)
C01F 5/06 (2006.01)
C01F 5/24 (2006.01)
C01F 11/06 (2006.01)
C01F 11/18 (2006.01)
C01G 9/00 (2006.01)
C01G 9/02 (2006.01)
(31) 2023-067995 **(32)** 18.04.23 **(33)** JP
(43) 07.11.2024
(72) Ochiai, Shigeru
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Joseph Vögele AG
(11) AU-A-2024202493
(21) 2024202493 **(22)** 16.04.2024
(54) Screed assembly with functional coupling between a height adjustment device for a screed plate carrier and a tilting device for a secondary screed plate attached to the screed plate carrier
(51) Int. Cl.
E01C 19/48 (2006.01)
(31) 23168434.1 **(32)** 18.04.23 **(33)** EP
(43) 07.11.2024
(72) Ridgeway, Paul
(74) BOSH IP Pty Ltd
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- (71)** Junio-Hartmann, R.
(11) AU-A-2024201789
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- (21)** 2024201789 **(22)** 19.03.2024
(54) A COMPUTER SYSTEM AND COMPUTER-IMPLEMENTED METHOD TO PROVIDE DELIVERY OF ONE OR MORE ITEMS OF A USER
(51) Int. Cl.
G06Q 10/0836 (2023.01)
G06Q 10/0833 (2023.01)
(31) 2023901146 **(32)** 18.04.23 **(33)** AU
(43) 07.11.2024
(72) Junio-Hartmann, Roann
(74) Roann Junio-Hartmann
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- (71)** Komatsu Ltd.
(11) AU-A-2024227473
(21) 2024227473 **(22)** 18.10.2024
(54) Construction management device, construction management system, and construction management method
(51) Int. Cl.
G06Q 50/08 (2012.01)
(43) 07.11.2024
(62) 2022256218
(72) SHIKE, Chikashi; NEMOTO, Yuuichi
(74) FB Rice Pty Ltd
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- (71)** Kone Corporation
(11) AU-A-2024202108
(21) 2024202108 **(22)** 02.04.2024
(54) A METHOD AND A MONITORING ARRANGEMENT
(51) Int. Cl.
B66B 7/12 (2006.01)
B66B 5/02 (2006.01)
(31) 23168487.9 **(32)** 18.04.23 **(33)** EP
(43) 07.11.2024
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(74) Collison & Co
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- (71)** L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(11) AU-A-2024202458
(21) 2024202458 **(22)** 16.04.2024
(54) PLANT AND PROCESS FOR PRODUCTION OF PURIFIED METHANE
(51) Int. Cl.
B01D 53/62 (2006.01)
B01D 53/14 (2006.01)
B01D 53/75 (2006.01)
C10L 3/10 (2006.01)
F25J 3/08 (2006.01)
(31) 2303953 **(32)** 20.04.23 **(33)** FR
(43) 07.11.2024
(72) Romain, Loeb; Jean-Marc, Bernhardt; Golo, Zick
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Landis+Gyr Technology, Inc.
(11) AU-A-2024227398
(21) 2024227398 **(22)** 17.10.2024
(54) Information element to indicate loss of backhaul connection

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H04W 76/00 (2018.01)
H04W 48/12 (2009.01)
H04L 1/00 (2006.01)
H04W 48/16 (2009.01)
H04W 48/18 (2009.01)
H04W 84/18 (2009.01)
(43) 07.11.2024
(62) 2019267366
(72) HETT, Christopher Scott; HARRIS, Lawrence; BHATT, Vivek; CORNWALL, Craig; HANLEY, James Patrick
(74) Davies Collison Cave Pty Ltd
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- (71) LG Electronics Inc.
(11) AU-A-2024201418
(21) 2024201418 (22) 04.03.2024
(54) Refrigerator
(51) Int. Cl.
E05F 3/14 (2006.01)
E05F 5/00 (2017.01)
(31) 10-2023-0052316 (32) 20.04.23 (33) KR
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D06F 58/26 (2006.01)
D06F 71/29 (2006.01)
D06F 71/32 (2006.01)
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(54) Dryer
(51) Int. Cl.
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(54) System and method for manipulating an anatomy
(51) Int. Cl.
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(54) APPARATUS AND METHOD FOR FILTERING LIQUID PARTICLES FROM INSPIRATORY GAS FLOW OF A PATIENT BREATHING CIRCUIT AFFILIATED WITH A VENTILATOR AND/OR NITRIC OXIDE DELIVERY SYSTEM
(51) Int. Cl.
B01D 33/50 (2006.01)
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 H02P 9/00 (2006.01)
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 Treatment Applicator
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 AND MIXING SYSTEMS AND METH-
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 (51) Int. Cl.
 B05B 3/12 (2006.01)
 A01C 15/00 (2006.01)
 A01C 23/00 (2006.01)
 A01M 7/00 (2006.01)
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 IL1RL1
 (51) Int. Cl.

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E04G 25/06 (2006.01)
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A61B 7/04 (2006.01)
A61B 7/00 (2006.01)
A61B 7/02 (2006.01)
A61B 8/00 (2006.01)

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A61K 31/4196 (2006.01)
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A61P 15/02 (2006.01)
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A61K 35/76 (2015.01)
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(72) Kishimoto, Takashi Kei
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(51) Int. Cl.
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C12Q 1/6895 (2018.01)
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(71) SHL Medical AG
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(54) A medicament delivery device with a removable cap and locking member for preventing accidental activation
(51) Int. Cl.
A61M 5/20 (2006.01)
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C02F 1/30 (2023.01)
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(54) TIGHT BUFFERED OPTICAL FIBER CABLE
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G02B 6/02 (2006.01)
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(21) 2024220197 **(22)** 25.04.2024
(54) AI-BASED ENERGY EDGE PLATFORM, SYSTEMS, AND METHODS

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G06Q 50/06 (2012.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 10/04 (2023.01)
G06Q 10/0631 (2023.01)

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F28F 13/00 (2006.01)
H02S 40/42 (2014.01)
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(21) 2024227464 **(22)** 18.10.2024
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(51) Int. Cl.

E04F 15/02 (2006.01)
B32B 27/08 (2006.01)
C08L 27/06 (2006.01)
E04F 15/18 (2006.01)

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(51) Int. Cl.
A01M 25/00 (2006.01)
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G06V 40/10 (2022.01)

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(72) Tattidil, Erkan
(74) Patentec Patent Attorneys

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A61K 31/616 (2006.01)
A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
A61K 31/12 (2006.01)
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H01L 21/00 (2006.01)
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G06Q 30/00 (2023.01)

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(54) PRESS TOOL ASSEMBLIES, SYSTEMS, AND METHODS FOR INSERTING BUSHING ASSEMBLIES
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2024200083
(21) 2024200083 **(22)** 05.01.2024
(54) Condenser state predicting device
(51) Int. Cl.

G06F 3/14 (2006.01)
G06F 17/00 (2019.01)
(31) 2023-070708 **(32)** 24.04.23 **(33)** JP
(43) 07.11.2024

(72) KURITA, Sumio; SHINYA, Daigo; TSUDA, Shota; YOSHIZAKI, Takehiro; IWATA, Yoshihiro; NEMOTO, Akira; YOSHIMURA, Koichi; KEZUKA, Takaaki; TAKEUCHI, Tsukasa; TAKEYAMA, Yoshikazu
(74) Davies Collison Cave Pty Ltd

(71) Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2024200275
(21) 2024200275 **(22)** 16.01.2024
(54) Steam turbine rotor blade thinning amount managing apparatus
(51) Int. Cl.

G06Q 10/20 (2023.01)
G06F 17/18 (2006.01)
G06Q 50/06 (2012.01)

(31) 2023-071070 **(32)** 24.04.23 **(33)** JP
(43) 07.11.2024
(72) KAWAI, Yasuteru; KAWADA, Yasutaka; NAKAJIMA, Shota; MAKINO, Tetsuya; SUZUKI, Yusuke; TAKEUCHI, Tsukasa; ICHIKAWA, Hiroyuki; ONO, Yasunori
(74) Davies Collison Cave Pty Ltd

(71) Trina Solar Co., Ltd.
(11) AU-A-2024227401
(21) 2024227401 **(22)** 17.10.2024
(54) Solar cell and preparation method thereof
(51) Int. Cl.

H01L 31/0216 (2014.01)
H01L 31/0224 (2006.01)
H01L 31/18 (2006.01)

(31) 202410373895.7 **(32)** 29.03.24 **(33)** CN
(43) 07.11.2024
(72) CHEN, Daming; LIU, Wei; CHEN, Yifeng; LV, Dongyun
(74) FB Rice Pty Ltd

(71) ULRICH GMBH & CO. KG
(11) AU-A-2024219848
(21) 2024219848 **(22)** 17.01.2024
(54) BONE CLAMP
(51) Int. Cl.

A61B 17/70 (2006.01)
A61B 17/58 (2006.01)
A61B 90/90 (2016.01)

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(31) 10.2023.109.802.0 (32) 19.04.23 (33) DE
(43) 07.11.2024
(72) HEUER, Frank; MIDDERHOFF, Stefan
(74) Michael Buck IP

(71) University of Washington
(11) AU-A-2024227439
(21) 2024227439 (22) 17.10.2024
(54) Ophthalmic lenses for treating myopia
(51) Int. Cl.
G02C 7/02 (2006.01)
G02C 7/04 (2006.01)
G02C 7/10 (2006.01)
G02C 7/16 (2006.01)

(43) 07.11.2024
(62) 2022206686
(72) NEITZ, Jay; KUCHENBECKER, James;
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(74) Spruson & Ferguson

(71) Vektor Medical, Inc.
(11) AU-A-2024227471
(21) 2024227471 (22) 18.10.2024
(54) Machine learning using simulated cardiograms
(51) Int. Cl.
G16H 50/50 (2018.01)
(43) 07.11.2024
(62) 2022246456
(72) VILLONGCO, Christopher
(74) Spruson & Ferguson

(71) VelosBio Inc.
(11) AU-A-2024227446
(21) 2024227446 (22) 18.10.2024
(54) ROR1 antibody immunoconjugates
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
(43) 07.11.2024
(62) 2018289581
(72) LANNUTTI, Brian; JESSEN, Katti; VO,
Thanh-Trang; WATKINS, Jeffrey Dean
(74) Spruson & Ferguson

(71) Veracyte, Inc.
(11) AU-A-2024227427
(21) 2024227427 (22) 17.10.2024
(54) Genetic signatures to predict prostate cancer metastasis and identify tumor aggressiveness
(51) Int. Cl.
C12Q 1/6809 (2018.01)
C12Q 1/6837 (2018.01)
C12Q 1/6841 (2018.01)
C12Q 1/686 (2018.01)
C40B 30/04 (2006.01)
C40B 30/06 (2006.01)
G01N 33/48 (2006.01)
G01N 33/574 (2006.01)

(43) 07.11.2024
(62) 2018266733
(72) DAVICIONI, Elai; ERHO, Nicholas; ASHAB, Hussam Al-Deen; ALSHALALFA, Mohammed
(74) FB Rice Pty Ltd

(71) Viking Arm AS
(11) AU-A-2024227403
(21) 2024227403 (22) 17.10.2024
(54) Handheld jacking/levelling-tool
(51) Int. Cl.
B25F 1/00 (2006.01)
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B66F 13/00 (2006.01)

(43) 07.11.2024
(62) 2019220347
(72) OYVIND, Resch; TERJE, Scheen
(74) Davies Collison Cave Pty Ltd

Vogler, L. see Worthington, M.

(21) 2023202465

(71) WaveTamer LLC
(11) AU-A-2024227411
(21) 2024227411 (22) 17.10.2024
(54) Gyroscopic boat roll stabilizer
(51) Int. Cl.
B63B 39/04 (2006.01)
F16C 37/00 (2006.01)
G01C 19/00 (2013.01)

(43) 07.11.2024
(62) 2022203100
(72) HOLDEN, David; PETERSON, Jeffrey;
SMITH, Grady
(74) GLMR

(71) Whirlpool Corporation
(11) AU-A-2024202603
(21) 2024202603 (22) 20.04.2024
(54) Multi#Position Blender
(51) Int. Cl.
A47J 43/046 (2006.01)
A47J 43/08 (2006.01)
(31) 18/137,558 (32) 21.04.23 (33) US
(43) 07.11.2024
(72) CATTES, Brandon Wayne;
D'ALESSANDRO, Kathryn Elizabeth;
HEATER, Timothy Eric; LEITERT, Andrew John; WOLTERS, Jeremy Todd
(74) WRAYS PTY LTD

(71) Wilcox Industries Corp.
(11) AU-A-2024202627
(21) 2024202627 (22) 22.04.2024
(54) Battery Adapter And Battery System For Helmet Mount Assembly
(51) Int. Cl.
A42B 3/04 (2006.01)
H01M 50/247 (2021.01)
(31) 63/461,538 (32) 24.04.23 (33) US
(43) 07.11.2024
(72) TEETZEL, James W; TURNER, Elliott S
(74) WRAYS PTY LTD

(71) Wilcox Industries Corp.
(11) AU-A-2024202628
(21) 2024202628 (22) 22.04.2024
(54) Modular Side Shroud Assembly And Helmet System Employing Same
(51) Int. Cl.

H01R 13/514 (2006.01)
A42B 3/04 (2006.01)
A42B 3/30 (2006.01)
H01R 13/66 (2006.01)
H01R 13/73 (2006.01)

(31) 63/461,302 (32) 23.04.23 (33) US
(43) 07.11.2024
(72) TEETZEL, James W; TURNER, Elliott S; REICHL, Mathew A
(74) WRAYS PTY LTD

(71) Wise, A.
(11) AU-A-2023202416
(21) 2023202416 (22) 19.04.2023
(54) Powered bracelet links
(51) Int. Cl.
G06K 19/077 (2006.01)
A44C 5/00 (2006.01)
A44C 5/02 (2006.01)
G06K 19/07 (2006.01)

(43) 07.11.2024
(72) Wise, Alison
(74) Alison Wise

(71) Worthington, M.; Vogler, L.
(11) AU-A-2023202465
(21) 2023202465 (22) 21.04.2023
(54) Wind Turbine Tower
(51) Int. Cl.
F03D 3/00 (2006.01)
F03D 3/02 (2006.01)
F03D 3/06 (2006.01)
F03D 7/06 (2006.01)

(43) 07.11.2024
(72) Worthington, Michael; Vogler, Lin
(74) Michael Graham Worthington

(71) WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE; STATE GRID BEIJING ELECTRIC POWER COMPANY; STATE GRID ELECTRIC POWER RESEARCH INSTITUTE

(11) AU-A-2023331396
(21) 2023331396 (22) 08.12.2023
(54) DEFECT DETECTION METHOD FOR HIGH-VOLTAGE CABLE, DETECTION SYSTEM, ELECTRONIC DEVICE, AND STORAGE MEDIUM

(51) Int. Cl.
G01N 21/35 (2014.01)
(31) 202310440900.7 (32) 21.04.23 (33) CN
(43) 07.11.2024
(72) ZHANG, Jing; CAI, Yuru; LUO, Chuanxian; CHENG, Lin; ZHAN, Hao; CHENG, Lifeng; CHEN, Nian; WU, Junjie; WAN, Chengde; CHEN, Qing-miao; YANG, Xu; ZHOU, Zhengqin; HUANG, Qinqing; ZHOU, Wen; XU, Hui; LIU, Mengna; LUO, Ziqiu; LIU, Jinghua; CHEN, Ping; REN, Zhigang; GUO, Wei

(74) Madderns Pty Ltd

Zhejiang Jinko Solar Co., Ltd. see Jinko Solar (Haining) Co., Ltd.

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(21) 2023203632

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(21) 2023233146

(71) Zhejiang Orient Gene Biotech Co., Ltd

(11) AU-A-2023202383

(21) 2023202383 (22) 19.04.2023

(54) TEST DEVICE FOR DETECTING ANA-
LYTE IN LIQUID SAMPLE

(51) Int. Cl.

G01N 33/543 (2006.01)

A61B 10/00 (2006.01)

G01N 33/558 (2006.01)

G01N 33/68 (2006.01)

G01N 33/76 (2006.01)

(43) 07.11.2024

(72) LEI, Siyu; FANG, Jianqiu

(74) Baxter Patent Attorneys Pty Ltd

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2024201643	Dux Manufacturing Limited	2024227416	LG Electronics Inc.
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2024201924	Burgis, W.; Burgis, A.	2024227420	LG Electronics Inc.
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<u>F24D 17 /-</u> 2024201643	<u>G06F 21 /-</u> 2024200933	<u>G06V 40 /-</u> 2024201182 2024202164	<u>H02J 3 /-</u> 2024201744 2024201987	
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<u>F25B 29 /-</u> 2024201643	<u>G06N 20 /-</u> 2024200042 2024201093 2024201096 2024201182 2024220197	<u>G10L 19 /-</u> 2024227387 2024227418 2024227419 2024227470	<u>H04L 1 /-</u> 2024227398	
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(21) 2024100036 (22) 19.09.2024
(54) ARTICLE AND DRESSING FOR IMPROVED HEALING AND METHODS OF USE
(51) Int. Cl.
A61N 2/08 (2006.01)
A61F 13/02 (2006.01)
(45) 07.11.2024
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A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
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C12N 5/0783 (2010.01)
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H01B 1/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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A63B 23/18 (2006.01)
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C12M 1/00 (2006.01)
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(54) MULTICHAIN MULTITARGETING BISPECIFIC ANTIGEN-BINDING MOLECULES OF INCREASED SELECTIVITY
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C07K 16/18 (2006.01)
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H04R 25/00 (2006.01)
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 (54) SYSTEMS AND METHODS RELATED TO CATHETER-BASED PROCEDURES
 (51) Int. Cl.
G16H 40/60 (2018.01)
A61M 25/10 (2013.01)
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 (54) SYSTEMS AND METHODS FOR TREATING CARDIOVASCULAR TISSUE
 (51) Int. Cl.
A61B 17/22 (2006.01)
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C22C 38/02 (2006.01)
B21B 1/46 (2006.01)
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C21D 8/02 (2006.01)
C22C 33/04 (2006.01)
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A47L 11/24 (2006.01)
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G05D 1/20 (2024.01)
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C12M 1/33 (2006.01)
C12N 5/0775 (2010.01)
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C07K 16/18 (2006.01)
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C07K 16/46 (2006.01)
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B82Y 5/00 (2011.01)
C07K 14/77 (2006.01)
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C07D 211/60 (2006.01)
A61K 31/40 (2006.01)
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A61P 25/00 (2006.01)
C07D 207/08 (2006.01)
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 A61K 38/00 (2006.01)
 A61K 38/26 (2006.01)
 A61K 38/28 (2006.01)
 A61K 47/54 (2017.01)
 A61K 47/60 (2017.01)
 C07D 519/00 (2006.01)
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 B63B 32/64 (2020.01)
 B63B 32/22 (2020.01)
 B63B 32/40 (2020.01)
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 B63B 34/45 (2020.01)
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 H04L 9/32 (2006.01)
 G06F 9/48 (2006.01)
 H04W 4/80 (2018.01)
 H04W 12/06 (2021.01)
 G06F 21/35 (2013.01)
 G06Q 20/10 (2012.01)
 G06Q 20/32 (2012.01)
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 A61P 9/10 (2006.01)
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 E02F 9/26 (2006.01)
 E01C 23/088 (2006.01)
 E02F 9/28 (2006.01)
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G06Q 10/04 (2023.01)
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F16C 33/12 (2006.01)
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G01L 1/10 (2006.01)
G01M 5/00 (2006.01)
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E21B 43/14 (2006.01)
G01F 5/00 (2006.01)
E21B 44/00 (2006.01)
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E02F 3/43 (2006.01)
E02F 3/30 (2006.01)
E02F 9/20 (2006.01)
G02B 27/00 (2006.01)
G06T 5/80 (2024.01)
G06T 7/593 (2017.01)
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A61M 5/31 (2006.01)
A61K 9/08 (2006.01)
A61K 39/395 (2006.01)
A61M 5/28 (2006.01)
A61P 7/04 (2006.01)
A61P 25/00 (2006.01)
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C09D 183/04 (2006.01)
B05D 5/00 (2006.01)
B05D 7/24 (2006.01)
C09D 5/16 (2006.01)
C09D 7/61 (2018.01)
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E21B 43/16 (2006.01)
E21B 49/00 (2006.01)
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G06Q 50/02 (2012.01)
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B32B 27/00 (2006.01)
F24F 1/0087 (2019.01)
F24F 1/037 (2019.01)
F24F 6/04 (2006.01)
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 A61K 31/4164 (2006.01)
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A61B 17/56 (2006.01)
A61F 2/08 (2006.01)
A61F 2/30 (2006.01)
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C04B 28/06 (2006.01)
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A61K 31/44 (2006.01)
A61K 31/381 (2006.01)
A61K 31/395 (2006.01)
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C12N 9/12 (2006.01)
C12N 9/96 (2006.01)
C12P 19/34 (2006.01)
C12Q 1/6874 (2018.01)
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A61K 31/4439 (2006.01)
A61P 25/00 (2006.01)
C07D 401/12 (2006.01)
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A61K 31/194 (2006.01)
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A61K 31/4439 (2006.01)
A61P 35/00 (2006.01)
C07C 57/15 (2006.01)
C07C 59/255 (2006.01)
C07D 401/12 (2006.01)
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C07C 59/265 (2006.01)
C07D 405/12 (2006.01)
C07F 7/18 (2006.01)
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B29B 17/00 (2006.01)
C08F 6/00 (2006.01)
C08J 11/24 (2006.01)
G01N 33/00 (2006.01)
 B29B 7/42 (2006.01)
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 B29B 9/06 (2006.01)
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C03C 4/02 (2006.01)
C03B 5/00 (2006.01)
C03B 9/193 (2006.01)
C03C 1/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
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A61K 31/501 (2006.01)
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C12N 5/00 (2006.01)
D06N 3/00 (2006.01)
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G01S 19/01 (2010.01)
H01Q 1/24 (2006.01)
H01Q 3/22 (2006.01)
H01Q 5/30 (2015.01)
H01Q 9/04 (2006.01)
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H04B 1/38 (2015.01)
H04H 20/51 (2008.01)
H04N 21/61 (2011.01)
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G06N 3/08 (2023.01)
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C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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A61K 31/137 (2006.01)
A61P 25/28 (2006.01)
C07C 211/35 (2006.01)
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<p>(71) GALVANIZE THERAPEUTICS, INC.; GIROUARD, S.D.; LAUGHNER, J.; VACHANI, A. (11) AU-A-2023261966 (21) 2023261966 (22) 27.04.2023 (54) LESION OPTIMIZATION IN THE USE OF PULSED ELECTRIC FIELDS (51) Int. Cl. A61B 18/12 (2006.01) A61B 18/14 (2006.01) A61N 1/05 (2006.01) (87) WO2023/212250 (31) 63/336,197 (32) 28.04.22 (33) US (43) 02.11.2023 (72) GIROUARD, Steven D.; LAUGHNER, Jacob; VACHANI, Armaan; CASTELLVI, Quim; NEAL, II, Robert E.; EYSTER, Curt R. (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) GEA MECHANICAL EQUIPMENT ITALIA S.P.A. (11) AU-A-2023426268 (21) 2023426268 (22) 22.03.2023 (54) MULTI-GAP VALVE AND HOMOGENIZING APPARATUS COMPRISING SAID MULTI-GAP VALVE (51) Int. Cl. B01F 25/441 (2022.01) B01F 25/442 (2022.01) B01F 33/81 (2022.01) (87) WO2024/157058 (31) 10202300000933 (32) 23.01.23 (33) IT (43) 02.08.2024 (72) MAGNANI, Pierluigi; BENASSI, Massimiliano; MADURERI, Michele; JARCHAU, Michael (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) GEA WESTFALIA SEPARATOR GROUP GMBH (11) AU-A-2023307321 (21) 2023307321 (22) 10.07.2023 (54) METHOD FOR MONITORING AND CONTROLLING THE COOLANT TEMPERATURE OF A DRIVE DEVICE OF A SEPARATOR (51) Int. Cl. B04B 1/00 (2006.01) B04B 1/10 (2006.01) B04B 15/02 (2006.01) (87) WO2024/013068 (31) 10 2022 117 310.0 (32) 12.07.22 (33) DE (43) 18.01.2024 (72) MICHEL, Andrej; NEUFELD, Dennis; TEIGELER, Jürgen (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p> <hr/> <p>(71) GENENTECH, INC. (11) AU-A-2023272945 (21) 2023272945 (22) 19.05.2023 (54) AZA-TETRACYCLIC OXAZEPINE COMPOUNDS AND USES THEREOF (51) Int. Cl.</p>	<p>C07D 519/00 (2006.01) A61K 31/55 (2006.01) A61P 35/00 (2006.01) C07D 498/22 (2006.01) (87) WO2023/225302 (31) 63/343,959 (32) 19.05.22 (33) US (43) 23.11.2023 (72) LANDRY, Matthew Leo; NILEWSKI, Christian; SIU, Michael; VILLEMURE, Elisia; WANG, Yong; WEI, BinQing; ASHLEY, Melissa Ann; DO, Steven; GAZZARD, Lewis John; GREEN, Samantha Alyson (74) Griffith Hack</p> <hr/> <p>(71) GEORGIA TECH RESEARCH CORPORATION (11) AU-A-2023237831 (21) 2023237831 (22) 27.03.2023 (54) POWER CONDITIONING FOR HIGH-SPEED MACHINE GENERATOR (51) Int. Cl. G05F 1/66 (2006.01) H02J 3/18 (2006.01) H02J 3/50 (2006.01) (87) WO2023/183647 (31) 63/323,741 (32) 25.03.22 (33) US (43) 28.09.2023 (72) DIVAN, Deepak; KANDULA, Rajendra Prasad; CHOWDHURY, Vikram, Roy (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) GFORCE CONCEPTS LIMITED (11) AU-A-2023248721 (21) 2023248721 (22) 05.04.2023 (54) ELECTROSURGICAL IMPLEMENT (51) Int. Cl. A61B 18/14 (2006.01) A61B 17/28 (2006.01) A61B 18/00 (2006.01) (87) WO2023/194724 (31) 2205211.2 (32) 08.04.22 (33) GB (43) 12.10.2023 (72) BROOKE, Gerard Michael (74) GLMR</p> <hr/> <p>(71) GH RESEARCH IRELAND LIMITED (11) AU-A-2023242291 (21) 2023242291 (22) 27.03.2023 (54) 5-MEO-DMT FOR USE IN THE TREATMENT OF SLEEP DISTURBANCE (51) Int. Cl. A61P 25/20 (2006.01) A61K 31/4045 (2006.01) A61P 25/24 (2006.01) (87) WO2023/186797 (31) 22000083.0 (32) 27.03.22 (33) EP 22000086.3 27.03.22 EP 23153939.6 30.01.23 EP 23153995.8 30.01.23 EP (43) 05.10.2023 (72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) GH RESEARCH IRELAND LIMITED (11) AU-A-2023244449 (21) 2023244449 (22) 27.03.2023 (54) 5-MEO-DMT FOR USE IN THE TREATMENT OF SLEEP DISTURBANCE (51) Int. Cl. 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A61K 31/4045 (2006.01) A61K 9/00 (2006.01) A61P 25/00 (2006.01) A61P 25/24 (2006.01) (87) WO2023/186832 (31) 22000084.8 (32) 27.03.22 (33) EP 22000085.5 27.03.22 EP 23153996.6 30.01.23 EP 23154014.7 30.01.23 EP (43) 05.10.2023 (72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) GH RESEARCH IRELAND LIMITED (11) AU-A-2023244447 (21) 2023244447 (22) 27.03.2023 (54) 5-MEO-DMT FOR USE IN THE TREATMENT OF SLEEP DISTURBANCE (51) Int. Cl. A61K 31/4045 (2006.01) A61P 25/20 (2006.01) A61P 25/24 (2006.01) (87) WO2023/186798 (31) 22000084.8 (32) 27.03.22 (33) EP 22000085.5 27.03.22 EP 23153996.6 30.01.23 EP 23154014.7 30.01.23 EP (43) 05.10.2023 (72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) GH RESEARCH IRELAND LIMITED (11) AU-A-2023244449 (21) 2023244449 (22) 27.03.2023 (54) 5-MEO-DMT FOR THE TREATMENT OF BIPOLAR DISORDER (51) Int. Cl. A61K 31/4045 (2006.01)</p>
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A61P 25/00 (2006.01)					
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(43) 05.10.2023					
(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise					
(74) PHILLIPS ORMONDE FITZPATRICK					
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(71) GH RESEARCH IRELAND LIMITED					
(11) AU-A-2023244452					
(21) 2023244452	(22) 27.03.2023				
(54) TREATMENT OF COGNITIVE DYS-FUNCTION					
(51) Int. Cl.					
A61K 31/4045 (2006.01)					
A61K 9/00 (2006.01)					
A61K 9/12 (2006.01)					
A61P 25/00 (2006.01)					
(87) WO2023/186823					
(31) 22000083.0	(32) 27.03.22	(33) EP			
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(43) 05.10.2023					
(72) BURKE, Conor; TERWEY, Theis; GAFFNEY, Naoise					
(74) PHILLIPS ORMONDE FITZPATRICK					
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(71) GH RESEARCH IRELAND LIMITED					
(11) AU-A-2023244453					
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(51) Int. Cl.					
A61K 31/4045 (2006.01)					
A61K 9/00 (2006.01)					
A61P 25/24 (2006.01)					
(87) WO2023/186828					
(31) 22000084.8	(32) 27.03.22	(33) EP			
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(43) 05.10.2023					
(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise					
(74) PHILLIPS ORMONDE FITZPATRICK					
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(71) GH RESEARCH IRELAND LIMITED					
(11) AU-A-2023246543					
(21) 2023246543	(22) 27.03.2023				
(54) 5-METHOXY-N,N-DIMETHYLTRYPT-AMINE FOR THE TREATMENT OF BI-POLAR DISORDER					
(51) Int. Cl.					
A61K 31/4045 (2006.01)					
A61K 9/00 (2006.01)					
A61P 25/00 (2006.01)					
A61P 25/24 (2006.01)					
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(31) 22000083.0	(32) 27.03.22	(33) EP			
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(43) 05.10.2023					
(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise					
(74) PHILLIPS ORMONDE FITZPATRICK					
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(71) GH RESEARCH IRELAND LIMITED					
(11) AU-A-2023246547					
(21) 2023246547	(22) 27.03.2023				
(54) 5-MEO-DMT FOR USE IN THE TREATMENT OF POSTPARTUM DE-PRESSION					
(51) Int. Cl.					
A61K 31/4045 (2006.01)					
A61K 9/00 (2006.01)					
A61P 25/24 (2006.01)					
(87) WO2023/186826					
(31) 22000083.0	(32) 27.03.22	(33) EP			
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(43) 05.10.2023					
(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise					
(74) PHILLIPS ORMONDE FITZPATRICK					
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(71) GH RESEARCH IRELAND LIMITED					
(11) AU-A-2023246548					
(21) 2023246548	(22) 27.03.2023				
(54) 5-METHOXY-N,N-DIMETHYLTRYPT-AMINE FOR THE TREATMENT OF PSYCHOMOTOR RETARDATION					
(51) Int. Cl.					
A61K 31/4045 (2006.01)					
A61K 9/00 (2006.01)					
A61P 25/24 (2006.01)					
(87) WO2023/186831					
(31) 22000084.8	(32) 27.03.22	(33) EP			
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(43) 05.10.2023					
(72) TERWEY, Theis; BURKE, Conor; GAFFNEY, Naoise					
(74) PHILLIPS ORMONDE FITZPATRICK					
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(71) GH RESEARCH IRELAND LIMITED					
(11) AU-A-2023246677					
(21) 2023246677	(22) 27.03.2023				
(54) 5-METHOXY-N,N-DIMETHYLTRYPT-AMINE FOR THE TREATMENT OF COGNITIVE DYSFUNCTION					
(51) Int. Cl.					
A61K 31/4045 (2006.01)					
A61K 9/00 (2006.01)					
A61P 25/24 (2006.01)					
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- (43) 05.10.2023
(72) TERWEY, Theis; BURKE, Conor;
GAFFNEY, Naoise
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) GH RESEARCH IRELAND LIMITED
(11) AU-A-2023246774
(21) 2023246774 (22) 27.03.2023
(54) 5-METHOXY-N,N-DIMETHYLTRYPT-
AMINE FOR THE TREATMENT OF
SOCIAL/EMOTIONAL WITHDRAWAL
OR DETACHMENT
(51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 9/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/24 (2006.01)
(87) WO2023/186829
(31) 22000083.0 (32) 27.03.22 (33) EP
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23153939.6 30.01.23 EP
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(72) TERWEY, Theis; BURKE, Conor;
GAFFNEY, Naoise
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) GH RESEARCH IRELAND LIMITED
(11) AU-A-2023246775
(21) 2023246775 (22) 27.03.2023
(54) CRYSTALLINE HYDROBROMIDE
SALT OF 5-MEO-DMT
(51) Int. Cl.
C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/00 (2006.01)
A61P 25/04 (2006.01)
A61P 25/06 (2006.01)
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PARKER, Jake
(74) PHILLIPS ORMONDE FITZPATRICK
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BIOSCIENCES, INC.
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TREATING TUMOR ANTIGEN EX-
PRESSING CANCERS
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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(54) SALTS AND POLYMORPHS OF CER-
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C07D 513/08 (2006.01)
A61K 31/553 (2006.01)
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LAPINA, Olga V.; LIN, David W.; RE-
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A.; STANDLEY, Eric A.; WORTMAN,
Sarah E.
(74) FPA Patent Attorneys Pty Ltd
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- (71) GLAUKOS CORPORATION
(11) AU-A-2023257375
(21) 2023257375 (22) 19.04.2023
(54) OPHTHALMIC TOPICAL CREAM
COMPOSITIONS
(51) Int. Cl.
A61K 9/06 (2006.01)
A61K 31/4178 (2006.01)
A61K 47/32 (2006.01)
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Michael; SZEKELY, Gabriella
(74) Madderns Pty Ltd
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- (71) GOOGLE LLC
(11) AU-A-2023269996
(21) 2023269996 (22) 10.05.2023
(54) DOCKABLE MULTI-PURPOSE ELEC-
TRONIC TABLET SYSTEM
(51) Int. Cl.
G06F 1/16 (2006.01)
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TEL, Prashant Bhogilal; BRUMMER,
Bengt Gunnar; PI, Jason Stanley;
WONG, Amy Lai
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QUENCES OF GENERATIVE NEURAL
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(51) Int. Cl.
G06V 10/82 (2022.01)
G06V 30/196 (2022.01)
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NOROUZI, Mohammad; SAXENA,
Saurabh; LI, Yi; WHANG, Jay Ha;
FLEET, David James; HO, Jonathan
(74) Pizzeys Patent and Trade Mark Attor-
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(54) PLURAL COMPONENT MATERIAL
DISPENSING SYSTEM
(51) Int. Cl.
B05B 7/00 (2006.01)
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M.; LINDAHL, Austin, H.; SIERRA II,
Augustine, T.; STREIT, Jeremy, A.; IN-
GEBRAND, John, R.
(74) Spruson & Ferguson
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(11) AU-A-2023241837
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(54) HOLDER ASSEMBLY FOR BOTTLES
AND CONTAINERS
(51) Int. Cl.
B65D 51/24 (2006.01)
A47G 21/14 (2006.01)
B65D 25/10 (2006.01)
B65D 77/24 (2006.01)
B65D 33/00 (2006.01)
B65D 83/06 (2006.01)
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Zachary, Henry; BRADY, Robert;
CHARTIER, Joel, Raymond; VERGIN,
Matthew, William
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(54) METHOD AND DEVICE FOR PRODU-
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C21B 13/00 (2006.01)
C22B 5/12 (2006.01)
(87) WO2023/224541
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(72) MURRAY, Hans
(74) James & Wells Intellectual Property

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LIAMSON, A.K.
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(54) METHODS AND COMPOSITIONS
FOR POTENTIATION OF A LIGAND
(51) Int. Cl.
A61K 38/22 (2006.01)
A61K 31/573 (2006.01)
A61P 7/04 (2006.01)
A61K 45/06 (2006.01)
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(72) GRINSTAFF, Mark W.; KIRSCH, Jack
R.; WILLIAMSON, Amanda K.
(74) Spruson & Ferguson

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(54) MODULAR PALLET SYSTEM
(51) Int. Cl.
B65D 19/00 (2006.01)
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(72) GRUMBERG, Mathieu, J.
(74) Spruson & Ferguson

(71) GUANGDONG OPPO MOBILE TELE-
COMMUNICATIONS CORP., LTD.
(11) AU-A-2023262151
(21) 2023262151 (22) 28.04.2023
(54) SUBBLOCK CODING INFERENCE IN
VIDEO CODING
(51) Int. Cl.
H04N 19/13 (2014.01)
H04N 19/12 (2014.01)
H04N 19/18 (2014.01)
H04N 19/60 (2014.01)
H04N 19/70 (2014.01)
H04N 7/12 (2006.01)
(87) WO2023/212684
(31) 63/363,804 (32) 28.04.22 (33) US
63/364,713 13.05.22 US
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(72) GAN, Jonathan; YU, Yue
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(54) AN EXPLAINABLE NATURAL LAN-
GUAGE UNDERSTANDING PLAT-
FORM
(51) Int. Cl.
G06F 40/30 (2020.01)
G10L 15/18 (2013.01)
(87) WO2023/212524
(31) 63/334,340 (32) 25.04.22 (33) US
63/497,731 23.04.23 US
(43) 02.11.2023
(72) SRINIVASAN, Venkatesan; JATAV,
Vishaal
(74) Adams Pluck

(71) HALLIBURTON ENERGY SERVICES,
INC.
(11) AU-A-2022470696
(21) 2022470696 (22) 22.07.2022
(54) MACHINE LEARNING GUIDED SUB-
SURFACE FORMATION MICROSEIS-
MIC IMAGING
(51) Int. Cl.
G06N 20/00 (2019.01)
G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
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(72) SCHAEFFER, Benjamin Simon
(74) PHILLIPS ORMONDE FITZPATRICK

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INC.
(11) AU-A-2022472279
(21) 2022472279 (22) 02.08.2022
(54) STEERING VALVE FOR DEACTIVAT-
ING A STEERING PAD OF A ROTARY
STEERABLE SYSTEM
(51) Int. Cl.
E21B 7/06 (2006.01)
E21B 44/00 (2006.01)
E21B 44/02 (2006.01)
(87) WO2024/030153
(31) 17/816,912 (32) 02.08.22 (33) US
(43) 08.02.2024
(72) ZHANG, Lizheng; BADRINARAYANAN,
Paravastu
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) HALLIBURTON ENERGY SERVICES,
INC.
(11) AU-A-2023307672
(21) 2023307672 (22) 01.06.2023
(54) ENVIRONMENTALLY ACCEPTABLE
WELLBORE STABILITY ADDITIVE
(51) Int. Cl.
C09K 8/10 (2006.01)
C09K 8/52 (2006.01)
C09K 8/92 (2006.01)
E21B 43/16 (2006.01)
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E02D 27/52 (2006.01)
E02B 17/00 (2006.01)
E02D 27/42 (2006.01)

G06F 30/13 (2020.01)
G06F 30/28 (2020.01)
G06F 111/10 (2020.01)
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AND USE THEREOF
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C07D 401/14 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/513 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
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B63B 79/10 (2020.01)
B66C 23/52 (2006.01)
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A61P 35/00 (2006.01)
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B01J 23/46 (2006.01)
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H02G 3/08 (2006.01)
E04C 3/32 (2006.01)
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C07D 311/30 (2006.01)
A61K 31/352 (2006.01)
A61P 3/00 (2006.01)
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C12Q 1/02 (2006.01)
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C07K 14/705 (2006.01)
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G16H 20/00 (2018.01)
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G16H 40/63 (2018.01)
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C10L 1/22 (2006.01)
C10L 1/222 (2006.01)
C10L 1/232 (2006.01)
C10L 1/238 (2006.01)
C10L 1/2383 (2006.01)
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 C10L 1/232 (2006.01)
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 C12N 15/62 (2006.01)
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 C07K 16/28 (2006.01)
 A61P 9/12 (2006.01)
 A61P 11/00 (2006.01)
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 (72) HOPLEY, Stephanie; WILKINS, Martin; ZHAO, Lan
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 (51) Int. Cl.
 C07K 16/18 (2006.01)
 A61K 9/16 (2006.01)
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 C07K 14/47 (2006.01)
 C07K 16/30 (2006.01)
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 C09K 5/18 (2006.01)
 B01J 20/02 (2006.01)
 B01J 20/06 (2006.01)
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A23L 3/3436 (2006.01)
A61F 7/03 (2006.01)
B01J 20/02 (2006.01)
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F27B 1/00 (2006.01)
C04B 2/12 (2006.01)
C04B 7/44 (2006.01)
F27B 7/34 (2006.01)
F27B 15/14 (2006.01)
F27D 99/00 (2010.01)
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A61K 31/403 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
C07C 55/10 (2006.01)
C07C 57/15 (2006.01)
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A61K 47/44 (2017.01)
A61K 38/08 (2019.01)
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C12N 9/64 (2006.01)
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E21C 35/197 (2006.01)
E21C 35/19 (2006.01)
B32B 27/16 (2006.01)
E21B 10/00 (2006.01)
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A23G 9/28 (2006.01)
A47J 43/28 (2006.01)
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 (54) EMBOSSED TISSUE PAPER PRODUCTS AND METHODS OF MANUFACTURING
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B31F 1/07 (2006.01)
D21H 27/40 (2006.01)
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A61J 7/04 (2006.01)
A61J 1/03 (2023.01)
B65D 27/08 (2006.01)
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 (51) Int. Cl.
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A61J 7/04 (2006.01)
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A61P 1/00 (2006.01)
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G06Q 30/0601 (2023.01)
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E21B 49/00 (2006.01)
C01B 3/24 (2006.01)
C01B 23/00 (2006.01)
C01B 32/50 (2017.01)
E21B 47/00 (2012.01)
G01V 1/50 (2006.01)
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B05B 12/02 (2006.01)
B05B 12/08 (2006.01)
B05B 17/00 (2006.01)
B05C 11/10 (2006.01)
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G06Q 50/08 (2012.01)
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B66B 11/04 (2006.01)
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B66B 19/00 (2006.01)
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C07D 519/00 (2006.01)
A61K 31/517 (2006.01)
A61K 31/519 (2006.01)
A61K 31/55 (2006.01)
A61P 35/00 (2006.01)
C07D 471/10 (2006.01)
C07D 487/10 (2006.01)
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A61K 6/884 (2020.01)
A61K 6/15 (2020.01)
A61K 6/16 (2020.01)
A61K 6/17 (2020.01)
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H01M 50/247 (2021.01)
B23B 45/02 (2006.01)
B25F 3/00 (2006.01)
H01R 31/06 (2006.01)
H02J 7/00 (2006.01)
B25B 21/00 (2006.01)
B25F 5/00 (2006.01)
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B65B 59/04 (2006.01)
A45D 34/04 (2006.01)
A45D 44/00 (2006.01)
A47K 5/00 (2006.01)
B01F 25/431 (2022.01)
B01F 33/84 (2022.01)
B01F 35/71 (2022.01)
B65B 3/06 (2006.01)
B65B 3/12 (2006.01)
B65B 3/28 (2006.01)
B65B 29/00 (2006.01)
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B67D 7/42 (2010.01)
B67D 7/74 (2010.01)
G07F 13/06 (2006.01)
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C22B 3/42 (2006.01)
B01J 45/00 (2006.01)
C22B 3/00 (2006.01)
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(54) INTEGRATION OF RENEWABLE FUEL AND CHEMICAL PRODUCTION INTO NATURE BASED SOLUTION AND NATURAL CLIMATE CHANGE SOLUTION INFRASTRUCTURE
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C12M 1/107 (2006.01)
C12M 1/00 (2006.01)
C12P 7/04 (2006.01)
C12P 7/52 (2006.01)
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C04B 28/04 (2006.01)
C04B 7/02 (2006.01)
C04B 28/02 (2006.01)
C04B 28/14 (2006.01)
(87) WO2023/212335
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G06F 21/62 (2013.01)
G06F 16/22 (2019.01)
H04L 9/06 (2006.01)
H04W 12/02 (2009.01)
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(21) 2023264083 (22) 04.05.2023
(54) APPARATUS FOR INFUSING AND DISPENSING OILS AND METHOD OF USE
(51) Int. Cl.
B01F 35/213 (2022.01)
B01F 33/45 (2022.01)
B01D 35/027 (2006.01)
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(54) VACUUM CLEANER
(51) Int. Cl.
A47L 9/28 (2006.01)
A47L 5/24 (2006.01)
H02J 7/00 (2006.01)

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 (54) VACUUM INSULATION PANEL
 (51) Int. Cl.
F25D 23/06 (2006.01)
B29C 45/27 (2006.01)
F16L 59/04 (2006.01)
F16L 59/065 (2006.01)
F16L 59/08 (2006.01)
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F25D 23/00 (2006.01)
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 (54) ENERGY STORAGE SYSTEM WITH ENHANCED SAFETY
 (51) Int. Cl.
H01M 10/42 (2006.01)
H01M 10/48 (2006.01)
H01M 50/251 (2021.01)
H01M 50/502 (2021.01)
H01M 50/574 (2021.01)
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 (51) Int. Cl.
H02J 7/00 (2006.01)
H01M 4/58 (2010.01)
H01M 10/052 (2010.01)
H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
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 (72) KIM, Changha; NAM, In Ho
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A61K 47/68 (2017.01)
A61K 38/05 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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 (54) METHOD AND SYSTEM FOR THE PRODUCTION OF COFFEE TABLETS
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A23F 5/12 (2006.01)
A23L 2/395 (2006.01)
A47J 31/40 (2006.01)
B65D 85/804 (2006.01)
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 (54) SHAPED AGGREGATE REINFORCEMENTS FOR CONCRETE
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C04B 18/20 (2006.01)
C04B 7/00 (2006.01)
C04B 16/04 (2006.01)
C04B 16/12 (2006.01)
C04B 18/02 (2006.01)
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E04C 5/07 (2006.01)
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A61P 37/08 (2006.01)
A61K 31/37 (2006.01)
A61K 39/00 (2006.01)
C07K 16/16 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 (54) CROP INPUT APPLICATION APPARATUS, SYSTEMS AND METHODS
 (51) Int. Cl.
A01G 25/00 (2006.01)
A01G 25/09 (2006.01)
A01M 7/00 (2006.01)
B65H 75/34 (2006.01)
B65H 75/40 (2006.01)
B65H 75/44 (2006.01)
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 63/149,644 15.02.21 US
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 (43) 05.05.2022
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 (51) Int. Cl.
A01G 25/09 (2006.01)
H02G 1/08 (2006.01)
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 (11) AU-A-2023248602
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 (54) FURNITURE FOR A CHILD
 (51) Int. Cl.
 A47D 13/10 (2006.01)
 A47D 15/00 (2006.01)
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 (31) 2205005.8 (32) 05.04.22 (33) GB
 (43) 12.10.2023
 (72) GOODWILL, Nick; SMITH, Peter
 (74) FB Rice Pty Ltd
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 A47D 13/10 (2006.01)
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 A61K 31/704 (2006.01)
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 A23K 20/105 (2016.01)
 A23K 20/121 (2016.01)
 A23K 20/142 (2016.01)
 A23K 50/40 (2016.01)
 A61K 31/07 (2006.01)
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 A61K 31/202 (2006.01)
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 G06Q 10/10 (2023.01)
 G06Q 50/10 (2012.01)
 G16H 10/60 (2018.01)
 G16H 15/00 (2018.01)
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 (11) AU-A-2023269255
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 (54) CRAWLER TRACK LINK FOR A SUPPORT CARRIAGE OF A MACHINE FOR LAYING OR RENOVATING A RAILWAY LINE AND ARTICULATED ASSEMBLY OF SUCH LINKS
 (51) Int. Cl.
 B62D 55/21 (2006.01)
 B62D 55/26 (2006.01)
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 (72) PILET, Jacques; KINSEY, Jérôme
 (74) FPA Patent Attorneys Pty Ltd
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 (54) ORTHOPEDIC PLATE SYSTEM
 (51) Int. Cl.
 A61B 17/80 (2006.01)
 A61B 17/68 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2023247232
 (21) 2023247232 (22) 28.03.2023
 (54) METHOD FOR CONTROLLING, BY DECREASING THE IMPARTED SPEED OR POWER, A SLAVE DEVICE CONTROLLED BY A MASTER DEVICE IN A ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION, AND RELATED ROBOTIC SYSTEM
 (51) Int. Cl.
 A61B 34/30 (2016.01)
 A61B 34/37 (2016.01)
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 (72) DI GUARDO, Antonio; RUFFALDI, Emanuele; TANZINI, Matteo; PROCUTOR, Michael John; SIMI, Massimiliano
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MEDICAL MICROINSTRUMENTS, INC.
 (11) AU-A-2023247280
 (21) 2023247280 (22) 24.03.2023
 (54) METHOD FOR CONTROLLING A SLAVE DEVICE, CONTROLLED BY A MASTER DEVICE MOVABLE BY AN OPERATOR IN A ROBOTIC SYSTEM FOR MEDICAL OR SURGICAL TELEOPERATION, CLOSE TO MOTION LIMITS OF THE SLAVE DEVICE, AND RELATED ROBOTIC SYSTEM
 (51) Int. Cl.
 A61B 34/00 (2016.01)
 A61B 34/37 (2016.01)
 (87) WO2023/187586
 (31) 102022000006338 (32) 31.03.22 (33) IT
 (43) 05.10.2023
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 (54) METHODS AND SYSTEMS FOR MAKING OIL-LOADED POWDERS AND USE THEREOF
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 B01F 29/10 (2022.01)
 A61K 8/04 (2006.01)
 A61K 8/9789 (2017.01)
 A61K 9/14 (2006.01)
 A61K 9/18 (2006.01)
 A61K 36/185 (2006.01)
 B01F 23/50 (2022.01)
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 (72) JOINER, Marc
 (74) Davies Collison Cave Pty Ltd
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- (71) MEGGER INSTRUMENTS LTD
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 (21) 2023238432 (22) 21.03.2023
 (54) MEASUREMENT OF INSULATION RESISTANCE OF AN ELECTRICAL INSULATOR
 (51) Int. Cl.
 G01R 31/12 (2020.01)
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 (72) ZUREK, Stanislaw
 (74) Clark Intellectual Property Pty Ltd
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 (51) Int. Cl.
G01R 31/12 (2020.01)
 (87) WO2023/180736
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 (54) CHEESE AND METHOD FOR PRODUCING SAME
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A23C 19/068 (2006.01)
A23C 19/032 (2006.01)
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 (54) MODULAR SMART BODY FAT SCALE WITH PET BODY CONFIGURATION DETECTION FUNCTION
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A61B 5/107 (2006.01)
A61B 5/0537 (2021.01)
A01K 29/00 (2006.01)
G01G 19/50 (2006.01)
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A01H 5/12 (2018.01)
A01H 6/46 (2018.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5383 (2006.01)
A61K 31/551 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 491/056 (2006.01)
C07D 498/04 (2006.01)
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- (71) MICROMASS UK LIMITED
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 (54) MASS SPECTROMETER HAVING HIGH DUTY CYCLE
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H01J 49/00 (2006.01)
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 (31) 2204104.0 (32) 23.03.22 (33) GB
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 (72) WILDGOOSE, Jason
 (74) James & Wells Intellectual Property
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 (51) Int. Cl.
H01J 49/00 (2006.01)
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 (72) WILDGOOSE, Jason; GREEN, Martin
 (74) James & Wells Intellectual Property
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- (71) MINCON INTERNATIONAL LIMITED
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 (54) DRILL BIT ASSEMBLY FOR REVERSE CIRCULATION HAMMER
 (51) Int. Cl.
E21B 1/38 (2006.01)
E21B 4/06 (2006.01)
E21B 4/10 (2006.01)
E21B 4/16 (2006.01)
E21B 6/00 (2006.01)
E21B 10/36 (2006.01)
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E21B 10/61 (2006.01)
E21B 49/00 (2006.01)
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 (72) BLUNDELL, Carl
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 (21) 2023244818 (22) 31.03.2023
 (54) PROTEIN, PROTEIN PARTICLE DISPERSION AND EMULSION COMPOSITION INCLUDING SAID PROTEIN, AND MANUFACTURING METHODS THEREOF
 (51) Int. Cl.
C09K 23/30 (2022.01)
A23C 11/10 (2021.01)
A23D 7/00 (2006.01)
A23D 7/005 (2006.01)
A23F 3/16 (2006.01)
A23F 5/24 (2006.01)
A23J 3/14 (2006.01)
A23L 5/00 (2016.01)
A23L 9/20 (2016.01)
A23L 11/60 (2021.01)
A23L 11/65 (2021.01)
A23L 23/00 (2016.01)
A23L 29/10 (2016.01)
A61K 8/06 (2006.01)
A61K 8/64 (2006.01)
A61K 8/9789 (2017.01)
A61K 9/107 (2006.01)
A61K 36/48 (2006.01)
A61K 38/02 (2006.01)
A61P 37/08 (2006.01)
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 (72) HANASAKI, Minako; TANAKA, Toshiyuki
 (74) Spruson & Ferguson
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 (21) 2023275204 (22) 18.05.2023
 (54) AIR CONDITIONING DEVICE
 (51) Int. Cl.
F24F 1/0073 (2019.01)
F24F 1/0071 (2019.01)
F24F 8/108 (2021.01)
F24F 8/167 (2021.01)
F24F 8/22 (2021.01)
F24F 8/90 (2021.01)
F24F 13/28 (2006.01)
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 (72) MATSUMOTO Soichiro
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) MONASH UNIVERSITY
 (11) AU-A-2023255217
 (21) 2023255217 (22) 20.04.2023
 (54) A METHOD OF OXIDISING AN INORGANIC AMINE TO NITRATE
 (51) Int. Cl.
C01C 1/18 (2006.01)
B01J 21/06 (2006.01)
B01J 23/42 (2006.01)

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B01J 35/00 (2006.01)
B01J 37/08 (2006.01)
C05B 7/00 (2006.01)
C05G 5/23 (2020.01)
(87) WO2023/201394
(31) 2022901067 **(32)** 22.04.22 **(33)** AU
(43) 26.10.2023
(72) MACFARLANE, Douglas R.; SIMONOV, Alexandr Nikolaevich; NGUYEN, Ky Cuong; ANBALAGAN, Jessica Devapriya
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2023271385
(21) 2023271385 **(22)** 17.05.2023
(54) BETA-PEPTIDES AND BETA-PEPTIDE HYDROGELS
(51) Int. Cl.
C07K 5/02 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61L 27/22 (2006.01)
A61L 27/52 (2006.01)
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C07K 19/00 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2023303060
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(54) TREM2 MODULATORS
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/522 (2006.01)
A61P 25/00 (2006.01)
C07D 487/10 (2006.01)
(87) WO2024/008722
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(72) WHITLOCK, Gavin; EMMERICH, Juliette; MEISSNER, Johannes Wilhelm Georg; BUSCH-PETERSEN, Jakob
(74) FB Rice Pty Ltd
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- (71)** NEVADOS ENGINEERING, INC.
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- (54)** SECURING DEVICE FOR SOLAR PANEL
(51) Int. Cl.
F24S 25/63 (2018.01)
F24S 25/632 (2018.01)
F24S 25/634 (2018.01)
F24S 25/636 (2018.01)
H02S 20/32 (2014.01)
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A47C 7/02 (2006.01)
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(74) Remarkable IP
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(54) FOLDING CHAIR
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A47C 4/04 (2006.01)
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(21) 2023290761 **(22)** 08.05.2023
(54) AUTOMATIC ADJUSTMENT METHOD AND AUTOMATIC ADJUSTMENT SYSTEM
(51) Int. Cl.
B05D 3/00 (2006.01)
B05D 1/02 (2006.01)
B05D 1/28 (2006.01)
B05D 3/02 (2006.01)
B05D 7/24 (2006.01)
C09D 7/80 (2018.01)
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(54) METAL PIPE FOR OIL WELL
(51) Int. Cl.
F16L 15/04 (2006.01)
C25D 5/12 (2006.01)
C25D 5/48 (2006.01)
C25D 7/00 (2006.01)
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A61P 33/14 (2006.01)
A61K 8/89 (2006.01)
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(51) Int. Cl.
C07D 213/02 (2006.01)
A61K 31/4425 (2006.01)
C07D 231/10 (2006.01)
C07D 333/04 (2006.01)
A61K 9/20 (2006.01)
A61P 1/00 (2006.01)
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A22B 3/08 (2006.01)
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C12C 5/00 (2006.01)
C12C 7/04 (2006.01)
C12C 11/00 (2006.01)
C12N 9/26 (2006.01)
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F16C 33/60 (2006.01)
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A23K 10/30 (2016.01)
A23K 40/00 (2016.01)
A23K 50/80 (2016.01)
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 (54) ROBOTIC PLATFORM WITH DUAL
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B62D 55/06 (2006.01)
B25J 5/00 (2006.01)
B62D 55/084 (2006.01)
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F41H 7/00 (2006.01)
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A61K 31/435 (2006.01)
A61K 31/38 (2006.01)
A61K 31/4353 (2006.01)
A61K 31/437 (2006.01)
A61P 35/00 (2006.01)
A61K 31/33 (2006.01)
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 MARYLAND, BALTIMORE
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 TREATMENT OF CANCER
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C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
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 MONITORING PHOTOVOLTAIC SYS-
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H02S 50/15 (2014.01)
B25J 5/02 (2006.01)
B25J 9/00 (2006.01)
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 (54) MICROTUNNELING APPARATUS
 (51) Int. Cl.
E21B 7/28 (2006.01)
E21B 3/04 (2006.01)
E21B 7/04 (2006.01)
E21B 7/20 (2006.01)
E21B 10/22 (2006.01)
E21B 10/28 (2006.01)
E21B 10/60 (2006.01)
E21B 17/046 (2006.01)
E21B 21/14 (2006.01)
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 (54) MICROTUNNELING APPARATUS
 (51) Int. Cl.
E21B 7/28 (2006.01)
E21B 3/04 (2006.01)
E21B 7/04 (2006.01)
E21B 7/20 (2006.01)
E21B 10/22 (2006.01)
E21B 10/28 (2006.01)
E21B 10/60 (2006.01)
E21B 17/046 (2006.01)
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 SYSTEMS
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H02G 7/18 (2006.01)
H02G 7/00 (2006.01)
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 CAPITAL, LLC
 (11) AU-A-2023260461
 (21) 2023260461 (22) 24.04.2023
 (54) SPINNERS
 (51) Int. Cl.
B22F 5/10 (2006.01)
B22F 10/25 (2021.01)

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B23K 9/04 (2006.01)
B23K 10/02 (2006.01)
B23K 15/00 (2006.01)
B23K 26/342 (2014.01)
B33Y 10/00 (2015.01)
B33Y 70/00 (2020.01)
B33Y 80/00 (2015.01)
C03B 37/04 (2006.01)
C22C 30/00 (2006.01)
B22F 5/00 (2006.01)
B22F 10/36 (2021.01)
B33Y 50/02 (2015.01)
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(54) METHOD FOR IMPROVING QUALITY OF MEDIUM-CARBON LOW-ALLOY STEEL RAIL FLASH WELDING JOINTS
(51) Int. Cl.
B23K 11/04 (2006.01)
B23K 11/36 (2006.01)
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(54) IMPLANTS, INSTRUMENTS, AND METHODS OF USE
(51) Int. Cl.
A61F 2/42 (2006.01)
A61B 17/86 (2006.01)
A61B 17/88 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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G06Q 10/087 (2023.01)
H04W 4/029 (2018.01)
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(74) Allens Patent & Trade Mark Attorneys
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(54) BEVERAGE DISPENSER WATER SUPPLY CONNECTOR
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F16L 21/08 (2006.01)
B67D 1/08 (2006.01)
F16K 15/02 (2006.01)
F16L 55/07 (2006.01)
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(54) PROCESS FOR PRODUCING OF VACCINE FORMULATIONS WITH PRESERVATIVES
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A61K 39/09 (2006.01)
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(72) BRUCHSALER, Michael David; GLOVER, Christopher John; LANGFORD, Alex Jacob
(74) Allens Patent & Trade Mark Attorneys
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(11) AU-A-2023240388
(21) 2023240388 **(22)** 27.03.2023
(54) SOLID EXTENDED-RELEASE COMPOSITION COMPRISING BRADYKININ B2-RECEPTOR ANTAGONISTS
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
A61K 31/4375 (2006.01)
A61P 1/00 (2006.01)
A61P 7/00 (2006.01)
A61P 17/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/14 (2006.01)
A61K 9/20 (2006.01)
A61K 31/4375 (2006.01)
A61P 1/00 (2006.01)
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A61P 17/00 (2006.01)
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(54) IL2 IMMUNOCONJUGATE PREPARATION
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A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(31) 22163911.5 **(32)** 23.03.22 **(33)** EP
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(11) AU-A-2023240296
(21) 2023240296 **(22)** 21.03.2023
(54) TNF α IMMUNOCONJUGATE PREPARATION
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 38/19 (2006.01)
A61P 35/00 (2006.01)
C07K 14/525 (2006.01)
C07K 16/18 (2006.01)
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- (71)** PHOTONIC INC.
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H04B 10/70 (2013.01)
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(31) 63/364,246 **(32)** 05.05.22 **(33)** US
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 (54) COMPOSITIONS AND METHODS FOR SOMATIC EMBRYOGENESIS IN DICOT PLANTS
 (51) Int. Cl.
C07K 14/415 (2006.01)
A01H 4/00 (2006.01)
C12N 15/82 (2006.01)
A01G 2/00 (2018.01)
C12N 5/00 (2006.01)
C12N 5/02 (2006.01)
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 (21) 2023257255 (22) 18.04.2023
 (54) TIME-DIVISION-DUPLEX REPEATERS WITH GLOBAL NAVIGATION SATELLITE SYSTEM TIMING RECOVERY
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H04W 28/06 (2009.01)
H04W 16/26 (2009.01)
H04W 56/00 (2009.01)
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 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2023262723
 (21) 2023262723 (22) 24.04.2023
 (54) SYSTEMS AND METHODS FOR ROCKET PROPULSION INCLUDING ROCKET MOTOR USING POWDER MONOPROPELLANT
 (51) Int. Cl.
F02K 9/95 (2006.01)
F01C 1/22 (2006.01)
F01C 20/24 (2006.01)
F02K 9/34 (2006.01)
 (87) WO2023/209707
 (31) 292537 (32) 26.04.22 (33) IL
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C07K 16/30 (2006.01)
C12N 5/0783 (2010.01)
G01N 1/30 (2006.01)
G01N 33/574 (2006.01)
 (87) WO2023/225608
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 (54) IRRADIATION DEVICES, SYSTEMS AND METHODS
 (51) Int. Cl.
G21K 5/08 (2006.01)
A61L 2/08 (2006.01)
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 (31) 63/337,453 (32) 02.05.22 (33) US
 (43) 09.11.2023
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 (74) FPA Patent Attorneys Pty Ltd
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 (51) Int. Cl.
A61K 31/7056 (2006.01)
A61P 31/04 (2006.01)
C07D 411/02 (2006.01)
C07H 15/16 (2006.01)
C07H 19/01 (2006.01)
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 (54) SYSTEM FOR LOCATION MONITORING AND USES THEREOF
 (51) Int. Cl.
H04W 4/80 (2018.01)
A01K 11/00 (2006.01)
A01K 29/00 (2006.01)
G01S 1/24 (2006.01)
G01S 5/00 (2006.01)
G01S 5/02 (2010.01)
G01S 19/39 (2010.01)
H04L 67/12 (2022.01)
H04W 4/029 (2018.01)
H04W 4/33 (2018.01)
H04W 4/35 (2018.01)
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H04W 88/04 (2009.01)
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C12Q 1/6809 (2018.01)
C12M 1/34 (2006.01)
C12Q 1/68 (2018.01)
C12Q 1/6883 (2018.01)
C12Q 1/6886 (2018.01)
G16B 20/00 (2019.01)
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C07D 207/27 (2006.01)
A61K 8/00 (2006.01)
A61Q 17/04 (2006.01)
A61Q 19/02 (2006.01)
C07C 37/00 (2006.01)
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A61M 60/878 (2021.01)
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A61P 31/04 (2006.01)
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A61K 47/10 (2017.01)
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B01F 25/45 (2022.01)
A47L 15/42 (2006.01)
B01F 23/2375 (2022.01)
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B25H 1/04 (2006.01)

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H01M 8/0444 (2016.01)
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(54) FLOATING SUBSTRATES FOR OFFSHORE CULTIVATION OF TARGET PRODUCTS AND METHODS OF MAKING AND USING THE SAME
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A01G 33/00 (2006.01)
C12M 1/09 (2006.01)
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A01G 33/00 (2006.01)
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(54) SYSTEM AND METHOD FOR OPERATING A COMMINUTION PROCESS IN A TUMBLING MILL
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B02C 17/18 (2006.01)
B02C 25/00 (2006.01)
G01H 1/00 (2006.01)
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(51) Int. Cl.
B02C 17/18 (2006.01)
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G01H 1/00 (2006.01)
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F01K 25/10 (2006.01)
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A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 5/395 (2021.01)
A61N 1/05 (2006.01)
A61N 1/08 (2006.01)
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H04W 52/02 (2009.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/7004 (2006.01)
A61K 33/14 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
A61M 1/28 (2006.01)
A61P 7/08 (2006.01)
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G01V 1/18 (2006.01)
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C07K 14/81 (2006.01)
A61K 38/55 (2006.01)
A61P 29/00 (2006.01)
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C12R 1/645 (2006.01)
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A61P 31/14 (2006.01)
C12N 15/62 (2006.01)
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B60C 7/00 (2006.01)
B29D 30/02 (2006.01)
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(54) PHARMACEUTICAL COMPOSITIONS OF PROTAC COMPOUNDS AND USES THEREOF
(51) Int. Cl.
A61K 31/33 (2006.01)
A61K 9/20 (2006.01)
A61P 35/00 (2006.01)
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(54) ANTIBODY-DRUG CONJUGATES AND PREPARATION METHODS AND USE THEREOF
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A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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B01D 53/00 (2006.01)
B01D 53/22 (2006.01)
B01D 53/26 (2006.01)
C07C 7/00 (2006.01)
C07C 7/04 (2006.01)
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(21) 2023275580 (22) 23.05.2023
(54) ELECTROSURGICAL LARYNGEAL WAND
(51) Int. Cl.
A61B 18/14 (2006.01)
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(74) Patent Attorney Services
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C07D 307/46 (2006.01)
A01N 63/12 (2020.01)
A61P 33/00 (2006.01)
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(54) Devices for applying electromagnetic energy with prismatic beam steering
(51) Int. Cl.
A61B 18/20 (2006.01)
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(54) METHOD AND APPARATUS FOR PROVIDING MULTIDIMENSIONAL AUDIODEMOGRAPH
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A61B 5/12 (2006.01)
G16H 10/60 (2018.01)
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A61P 5/46 (2006.01)
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B65D 88/52 (2006.01)
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B65D 88/12 (2006.01)
B65D 90/00 (2006.01)
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A61K 31/47 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C07D 215/54 (2006.01)
C07D 401/12 (2006.01)
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A61F 2/24 (2006.01)
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G06Q 10/04 (2023.01)
G06Q 10/0631 (2023.01)
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G10L 15/22 (2006.01)
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(21) 2023287247 (22) 21.06.2023
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(51) Int. Cl.
E21B 17/01 (2006.01)
B63B 35/03 (2006.01)
E21B 19/00 (2006.01)
F16L 1/18 (2006.01)
F16L 1/20 (2006.01)
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B63B 35/03 (2006.01)
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F16L 1/18 (2006.01)
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(51) Int. Cl.
C02F 1/467 (2023.01)
C02F 1/463 (2023.01)
C02F 1/52 (2023.01)
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A61K 31/47 (2006.01)
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A01N 47/30 (2006.01)
A01N 47/36 (2006.01)
A01P 13/00 (2006.01)
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A01P 7/04 (2006.01)
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(51) Int. Cl.
E01D 19/10 (2006.01)
E04H 17/00 (2006.01)
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(51) Int. Cl.
H02J 7/00 (2006.01)
B60L 50/60 (2019.01)
B60L 58/18 (2019.01)
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G01N 35/02 (2006.01)
B04B 5/04 (2006.01)
B04B 13/00 (2006.01)
B04B 15/02 (2006.01)
B65G 1/137 (2006.01)
B65G 11/02 (2006.01)
B65G 43/08 (2006.01)
G06Q 10/087 (2023.01)
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(74) FB Rice Pty Ltd
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A47L 11/20 (2006.01)
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C07D 498/04 (2006.01)
A61K 31/55 (2006.01)
A61K 31/553 (2006.01)
A61P 25/02 (2006.01)
A61P 25/16 (2006.01)
A61P 25/26 (2006.01)
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C07D 519/00 (2006.01)
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 (54) INFRASTRUCTURE MONITORING
 SYSTEMS AND METHODS
 (51) Int. Cl.
H04B 10/07 (2013.01)
E21B 47/107 (2012.01)
G01H 9/00 (2006.01)
G01V 1/00 (2006.01)
G06F 18/25 (2023.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
H04J 14/02 (2006.01)
H04W 4/38 (2018.01)
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 HOWSE, Oscar James; ISSA, Nader;
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 (54) BARRIER-COATED SUBSTRATE,
 LAMINATED PACKAGING MATERIAL
 AND PACKAGING CONTAINER COM-
 PRISING THE SUBSTRATE
 (51) Int. Cl.
D21H 19/12 (2006.01)
B32B 27/08 (2006.01)
B32B 27/10 (2006.01)
B32B 27/16 (2006.01)
B65D 65/42 (2006.01)
B65D 81/00 (2006.01)
C01B 32/192 (2017.01)
C01B 32/198 (2017.01)
D21H 19/34 (2006.01)
D21H 19/38 (2006.01)
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G10H 1/34 (2006.01)
G10H 1/00 (2006.01)
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 (54) VAGUS NERVE STIMULATION PUPIL-
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A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61B 3/00 (2006.01)
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 Brian; KLEIN, Valma; TALBOT, Neil;
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C07H 21/04 (2006.01)
C12N 15/11 (2006.01)
C12P 19/34 (2006.01)
A61K 31/7088 (2006.01)
 (87) WO2023/197001
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 (72) ZHU, Hao; WANG, Zixi; LI, Lin
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 (54) NOTCH1 AND NOTCH4 DECOYS
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 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
C12N 15/62 (2006.01)
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 METHODS OF USE THEREOF

(51) Int. Cl.
C07D 471/20 (2006.01)
A61K 31/438 (2006.01)
A61P 29/00 (2006.01)
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 GUTRIDGE, Anna; CREED, Simone
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 (54) CD70 BINDING CAR-T CELLS COM-
 PRISING CD33 BINDING T-CELL EN-
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 (51) Int. Cl.
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
C12N 15/86 (2006.01)
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 (72) MAUS, Marcela, V.; LEICK, Mark
 (74) FPA Patent Attorneys Pty Ltd

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 (54) VOLATILE HDAC INHIBITORS FOR
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 (51) Int. Cl.
A01N 43/08 (2006.01)
A01N 31/08 (2006.01)
A01P 21/00 (2006.01)
C07D 307/58 (2006.01)
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 VESICLES DERIVED THEREFROM
 (51) Int. Cl.
A61K 35/30 (2015.01)
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C12N 5/0797 (2010.01)
 (87) WO2023/215602
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 Stephen
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 (51) Int. Cl.
F03G 3/00 (2006.01)
 (87) WO2023/214924
 (31) 2250543-2 (32) 03.05.22 (33) SE
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 (72) SCHLEIMANN-JENSEN, Johan
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C07C 271/16 (2006.01)
C07D 295/13 (2006.01)
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G02B 6/02 (2006.01)
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C07C 47/04 (2006.01)
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C01B 13/20 (2006.01)
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A61K 47/50 (2017.01)
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A61P 17/14 (2006.01)
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B60M 1/22 (2006.01)
H01B 5/10 (2006.01)
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A23L 33/18 (2016.01)
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A61K 31/7088 (2006.01)
A61K 38/02 (2006.01)
A61K 38/16 (2006.01)
A61K 38/20 (2006.01)
A61K 45/00 (2006.01)
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A61K 38/12 (2006.01)
A61P 21/04 (2006.01)
G01N 33/94 (2006.01)
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G01N 33/563 (2006.01)
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C02F 1/28 (2023.01)
C02F 1/44 (2023.01)
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A61K 31/4375 (2006.01)
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C07D 215/233 (2006.01)
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C07D 213/81 (2006.01)
C07D 498/06 (2006.01)
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A61K 31/473 (2006.01)
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 (54) FINGER-WEARABLE ANTI-STRESS DEVICE
 (51) Int. Cl.
A63H 1/00 (2019.01)
A61H 1/02 (2006.01)
A63F 9/00 (2006.01)
A63F 9/24 (2006.01)
 (87) WO2023/218292
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2023261964
 (21) 2023261964 (22) 27.04.2023
 (54) COMPOUNDS FOR INHIBITING KIF18A
 (51) Int. Cl.
C07D 401/10 (2006.01)
A61K 31/438 (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)
C07D 471/08 (2006.01)
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 (72) COGAN, Derek A.
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(54) AAV CAPSID VARIANTS AND USES THEREOF

(51) Int. Cl.
C07K 14/005 (2006.01)
C12N 15/861 (2006.01)
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(74) Griffith Hack

(71) VULCAN ENERGIE RESSOURCEN GMBH
(11) AU-A-2023275896
(21) 2023275896 **(22)** 22.05.2023
(54) SYSTEM, METHOD AND COMPOSITIONS FOR EXTRACTING LITHIUM FROM LOW-ENERGY BRINES

(51) Int. Cl.
C22B 3/22 (2006.01)
C02F 9/00 (2023.01)
C22B 26/12 (2006.01)
F24T 10/20 (2018.01)
F24T 50/00 (2018.01)
C02F 1/20 (2023.01)
C02F 1/26 (2023.01)
C02F 1/66 (2023.01)
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B01D 53/04 (2006.01)
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E21B 47/16 (2006.01)
E21B 17/042 (2006.01)
E21B 17/18 (2006.01)
E21B 47/01 (2012.01)
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A61L 24/00 (2006.01)
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G06V 20/00 (2022.01)
H04N 5/00 (2011.01)
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A61P 7/00 (2006.01)

A61K 31/5415 (2006.01)
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(51) Int. Cl.
C07D 409/12 (2006.01)
A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
A61P 31/00 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07D 405/12 (2006.01)
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C07D 513/04 (2006.01)
A61K 31/343 (2006.01)
A61K 31/357 (2006.01)
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A61K 31/4985 (2006.01)

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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) WORKHORSE LIMITED
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A47C 3/00 (2006.01)
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G01N 21/35 (2014.01)
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(74) Madderns Pty Ltd
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- (71) YAMAHA HATSUDOKI KABUSHIKI KAISHA
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(54) ARTICULATED ROBOT ARM CONTROL DEVICE
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B25J 13/00 (2006.01)
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F24F 11/89 (2018.01)
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C08G 59/32 (2006.01)
C04B 26/14 (2006.01)
C04B 28/04 (2006.01)
C08G 59/38 (2006.01)
C08K 5/521 (2006.01)
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C08L 63/00 (2006.01)
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H01L 31/18 (2006.01)
H01L 21/683 (2006.01)
H01L 31/05 (2014.01)
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(54) SIMULTANEOUS UPLINK TRANSMISSION SCHEMES IN WIRELESS COMMUNICATIONS
(51) Int. Cl.
H04W 72/04 (2023.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) METHODS AND APPARATUS FOR DATA INFORMATION TRANSMISSION
(51) Int. Cl.
H04L 1/00 (2006.01)
H03M 13/13 (2006.01)
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(21) 2023328486 (22) 23.03.2023
- (54) WIRELESS SENSING METHOD, COMMUNICATION DEVICE, AND STORAGE MEDIUM
(51) Int. Cl.
H04W 24/06 (2009.01)
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(21) 2023237240 (22) 24.03.2023
(54) ANTI-FOLATE RECEPTOR ALPHA ANTIBODIES AND METHODS OF USE
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
(87) WO2023/178451
(31) 63/323,957 (32) 25.03.22 (33) US
63/417,293 18.10.22 US
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(43) 28.09.2023
(72) RICH, James R.; DAVIES, Rupert H.; BARNSCHER, Stuart Daniel; UROSEV, Dunja; KANG, Sukhbir Singh; CHAN, Peter Wing Yiu; DAS, Samir; HERNANDEZ ROJAS, Andrea; GENE, Robert William; YOUNG, Ada G. H.; LAWN, Samuel Oliver; CHUI, Danny; BROWMAN, Duncan; CLAVETTE, Brandon
(74) FB Rice Pty Ltd
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- (71) ZYMEWORKS BC INC.
(11) AU-A-2023239448
(21) 2023239448 (22) 24.03.2023
(54) ANTIBODY-DRUG CONJUGATES TARGETING FOLATE RECEPTOR ALPHA AND METHODS OF USE
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/4745 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07D 491/22 (2006.01)
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(74) FB Rice Pty Ltd

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2021372294	MA INDUSTRIES, LLC	2023239011	TAE TECHNOLOGIES, INC.
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2022446955	ENVERIC BIOSCIENCES CANADA INC.	2023239156	JUDO BIO INC.
2022447256	ENVERIC BIOSCIENCES CANADA INC.	2023239173	THAIANBAN, S.C.
2022450392	TECHTRONIC FLOOR CARE TECHNOLOGY LIMITED	2023239448	ZYMEWORKS BC INC.
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2023234608	UNIQUE BAVARIAN BREWERY, LLC	2023242770	GRINSTAFF, M.W.; KIRSCH, J.R.; WILLIAMSON, A.K.
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2023247270	OPTIONX HOLDINGS PTY LTD	2023255217	MONASH UNIVERSITY
2023247280	MEDICAL MICROINSTRUMENTS, INC.	2023255340	RETISPEC INC.
2023247288	AMPLIFON S.P.A.	2023255359	PEPSICO, INC.
2023247626	DOMETIC SWEDEN AB; DOMETIC (ZHUHAI) TECHNOLOGY CO., LTD.	2023255378	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
2023247884	BAOSHAN IRON & STEEL CO., LTD.	2023255697	USERZOOM TECHNOLOGIES, INC.
2023248387	OFF-WORLD, INC.	2023255761	REGENERON PHARMACEUTICALS, INC.
2023248389	DERRICK CORPORATION	2023255779	CHEVRON U.S.A. INC.; ADVANCED INNERGY SOLUTIONS LTD
2023248435	ADRENALINEIP	2023255951	CHUGOKU MARINE PAINTS, LTD.
2023248548	BEIJING MAXINOVEL PHARMACEUTICALS CO., LTD.	2023256009	SHANGHAI MAGI LTD.
2023248602	MAMAS & PAPAS (HOLDINGS) LIMITED	2023256034	TEIJIN PHARMA LIMITED
2023248671	WMT AG	2023256252	ABION INC.; SAMSUNG LIFE PUBLIC WELFARE FOUNDATION
2023248694	KONINKLIJKE DOUWE EGBERTS B.V.	2023256264	SAMSUNG ELECTRONICS CO., LTD.
2023248721	GFORCE CONCEPTS LIMITED	2023256365	NSK LTD.
2023248757	CILAG GMBH INTERNATIONAL	2023256501	TRIMPH IP PTY LTD
2023249162	AVIDITY BIOSCIENCES, INC.	2023256586	SMITH COLLEGE
2023249227	RIPPON, C.	2023256600	MDS II LLC
2023249271	NEVADOS ENGINEERING, INC.	2023256603	VERTEX PHARMACEUTICALS INCORPORATED
2023249346	EIKONIZO THERAPEUTICS, INC.	2023256610	BOBO LABS INC.
2023249488	STRYKER CORPORATION	2023256679	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS; PURDUE RESEARCH FOUNDATION
2023249557	LIGACHEM BIOSCIENCES INC.	2023256686	HOFFMAN, J.
2023249664	CILAG GMBH INTERNATIONAL	2023256689	3D BIOLABS, LLC; VACANTI, J.P.
2023249774	ELEMENT BIOSCIENCES, INC.	2023256750	WORKHORSE LIMITED
2023249803	REPERTOIRE IMMUNE MEDICINES, INC.	2023256773	COHERENT BIOPHARMA (SUZHOU) LIMITED
2023250030	ASTRAZENECA AB	2023256874	CAMBRIDGE ENTERPRISE LIMITED
2023250034	KNAPP AG	2023257169	HATCHTECH GROUP B.V.
2023250036	KNAPP AG	2023257181	EREMA ENGINEERING RECYCLING MASCHINEN UND ANLAGEN GESELLSCHAFT M.B.H.
2023250220	ASTRAZENECA AB	2023257255	PIVOTAL COMMWARE, INC.
2023250255	CILAG GMBH INTERNATIONAL	2023257293	BRISTOL-MYERS SQUIBB COMPANY
2023250338	ENDOMAGNETICS LTD	2023257318	BANDIT INDUSTRIES, INC.
2023250347	JANUX THERAPEUTICS, INC.	2023257369	TRUSTEES OF TUFTS COLLEGE; THE HENRY M. JACKSON FOUNDATION FOR THE ADVANCEMENT OF MILITARY MEDICINE, INC.
2023250437	CILAG GMBH INTERNATIONAL	2023257375	GLAUKOS CORPORATION
2023250438	CILAG GMBH INTERNATIONAL	2023257559	CONARIS RESEARCH INSTITUTE AG
2023250795	CAMERON, N.	2023257604	FAIRCRAFT
2023250964	EIKONIZO THERAPEUTICS, INC.	2023257613	FUNDAMENTAL PHARMA GMBH
2023251080	MAMAS & PAPAS (HOLDINGS) LIMITED	2023257632	ACERGY FRANCE SAS
2023251118	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	2023257633	FGC HOLDINGS LIMITED
2023251121	VOLSCHENK, J.	2023257853	NUTRECO IP ASSETS B.V.
2023251271	CILAG GMBH INTERNATIONAL	2023258034	ONCOC4, INC.; UNIVERSITY OF MARYLAND, BALTIMORE
2023251272	CILAG GMBH INTERNATIONAL	2023258130	TOPSOE A/S
2023251599	RTX CORPORATION	2023258201	NEW-TEC INTEGRATION (XIAMEN) CO., LTD.
2023251988	FMC CORPORATION	2023258315	MENDEL BIOTECHNOLOGY, INC.
2023252259	BEIGENE SWITZERLAND GMBH	2023258518	IMPLICITY
2023252626	CJ CHEILJEDANG CORPORATION	2023258519	FN HERSTAL S.A.
2023252706	S.P.M. INSTRUMENT AB	2023258550	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2023252707	S.P.M. INSTRUMENT AB	2023258569	CHEMETALL GMBH
2023252763	TEAM CONVEYER ROYALTY A LLC	2023258574	HOSPITAL CLÍNICA DE BARCELONA; FUNDACIÓ DE RECERCA CLINIC BARCELONA-INSTITUT D'INVESTIGACIONS BIOMÈDIQUES AUGUST
2023252976	ARO BIOTHERAPEUTICS COMPANY		
2023253008	HUIANKAI (XIAMEN) PHARMACEUTICAL TECHNOLOGY CO., LTD.; SUZHOU GLENKOL PHARMA TECHNOLOGY CO., LTD.; QUANZHOU HAICHUANG PHARMACEUTICAL TECHNOLOGY CO., LTD.		
2023253020	BEIGENE SWITZERLAND GMBH		
2023253656	AIROTONE, INC.		
2023253701	BURTON DENTAL INNOVATIONS, LLC		

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2023258808	TSUBOTA LABORATORY, INC.	2023264042	THE SCHEPENS EYE RESEARCH INSTITUTE, INC.; RESEARCH FOUNDATION OF THE CITY UNI- VERSITY OF NEW YORK
2023258883	SYSTEM KOREA CO.,LTD.		LEVO OIL INFUSION, INC.
2023259048	CATERPILLAR INC.	2023264083	DE' LONGHI APPLIANCES S.R.L.
2023259153	CONOCOPHILLIPS COMPANY	2023264216	THREE PEAKS MEDICAL PTY LTD
2023259307	ACCRUENT LLC	2023264354	KAMARI PHARMA LTD.
2023259343	GYAN, INC. (A DELAWARE CORPORATION)	2023264591	ARCUS BIOSCIENCES, INC.
2023259355	SICHUAN KELUN-BIOTECH BIOPHARMACEUTICAL CO., LTD.	2023264608	KUMQUAT BIOSCIENCES INC.
2023259504	INTERDIGITAL CE PATENT HOLDINGS, SAS	2023264705	EATON INTELLIGENT POWER LIMITED
2023259612	PIONEER HI-BRED INTERNATIONAL, INC.	2023264712	AQUALUNG CORPORATE
2023259613	AFFORDABLE WIRE MANAGEMENT, LLC	2023264784	CENTRE NATIONAL DE LA RECHERCHE SCIENTI- FIQUE; UNIVERSITÉ DE STRASBOURG; THE PROV- OST, FELLOWS, FOUNDATION SCHOLARS, AND THE OTHER MEMBERS OF BOARD, OF THE COL- LEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN
2023259619	VANDERBILT UNIVERSITY		COCOON BIOTECH INC.
2023259664	BIO-RECELL LTD.	2023265015	LANZATECH, INC.
2023260244	CATERPILLAR INC.	2023265097	ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC ADVANCED INNERGY LTD
2023260264	CATERPILLAR INC.	2023265171	SUN PHARMA ADVANCED RESEARCH COMPANY LIMITED
2023260269	CATERPILLAR INC.	2023265540	THE STORING COMPANY AB
2023260344	KNOW BIO, LLC	2023265569	NOCION THERAPEUTICS, INC.
2023260356	AXOGEN CORPORATION	2023265755	GILEAD SCIENCES, INC.
2023260461	OWENS CORNING INTELLECTUAL CAPITAL, LLC	2023265825	TREELINE BIOSCIENCES, INC.
2023260462	TPE MIDSTREAM LLC	2023265850	UCB BIOPHARMA SRL; RA PHARMACEUTICALS, INC.
2023260474	ZEPHYROS, INC.	2023265886	PHOTONIC INC.
2023260615	CHEMETALL GMBH	2023265909	SEQUANA MEDICAL NV
2023260623	SERCEL		SHANGHAI ACADEMY OF AGRICULTURAL SCI- ENCES; SHANDONG IMPERIAL GARDEN BIOTECH- NOLOGY TECHNOLOGY CO., LTD
2023260653	HYDROGEN RENEWABLE ENERGY AUSTRALIA PTY LTD	2023266106	SIEMENS ENERGY GLOBAL GMBH & CO. KG
2023260657	SALUDA MEDICAL PTY LIMITED	2023266198	BEIJING TUO JIE BIOPHARMACEUTICAL CO. LTD.
2023260762	INNOSPEC LIMITED	2023266281	CENTRE FOR NOVOSTICS
2023260763	INNOSPEC LIMITED		ATLAS COPCO (WUXI) COMPRESSOR CO., LTD.
2023260810	MARS, INCORPORATED	2023266610	ATLAS COPCO (WUXI) COMPRESSOR CO., LTD.
2023260819	R.P. SCHERER TECHNOLOGIES, LLC	2023266749	ELEMENT SIX (UK) LIMITED; ELEMENT SIX GMBH
2023260827	LATICRETE INTERNATIONAL INC.	2023266797	PROVINCIAL HEALTH SERVICES AUTHORITY
2023260914	TS CONDUCTOR CORP.	2023266892	WATT FUEL CELL CORP.
2023260921	SERPIN PHARMA, LLC	2023267180	MERCK PATENT GMBH
2023261430	CATERPILLAR INC.	2023267481	ARC BIO, LLC
2023261791	SPECTAINER PTY LTD	2023267492	PEPSICO, INC.
2023261883	CAPITAL ONE SERVICES, LLC	2023267747	ANNEXON, INC.
2023261964	VOLAstra THERAPEUTICS, INC.	2023268497	AMGEN RESEARCH (MUNICH) GMBH
2023261966	GALVANIZE THERAPEUTICS, INC.; GIROUARD, S.D.; LAUGHNER, J.; VACHANI, A.	2023268528	VESCOVI, C.D.
2023262007	BASF COATINGS GMBH	2023268564	PFIZER INC.
2023262151	GUANGDONG OPPO MOBILE TELECOMMUNICA- TIONS CORP., LTD.	2023268600	LEIDOS, INC.; ROYSDON, P.F.; GULATI, M.S.
2023262157	ESTETRA SRL	2023268739	FRED HUTCHINSON CANCER CENTER
2023262314	FONTERRA CO-OPERATIVE GROUP LIMITED	2023268745	GRACO MINNESOTA INC.
2023262577	GRUMBERG, M.J.	20232689130	MATISA MATÉRIEL INDUSTRIEL SA
2023262597	KANSAS STATE UNIVERSITY RESEARCH FOUNDA- TION	2023269157	TIZIANA LIFE SCIENCES PLC
2023262647	INNOSPEC LIMITED	2023269168	SOLTA MEDICAL IRELAND LIMITED
2023262648	INNOSPEC LIMITED	2023269255	INTEGRA THERAPEUTICS; UNIVERSITAT POMPEU FABRA
2023262664	ATOMIC ENERGY OF CANADA LIMITED/ ÉNERGIE ATOMIQUE DU CANADA LIMITÉE; EXPANDER EN- ERGY INC.	2023269309	CNH INDUSTRIAL AMERICA LLC
2023262703	DEMATIC CORP.	2023269524	AUTOMOORING SOLUTIONS IP B.V.
2023262723	POWDER FUELS LTD	2023269540	GOOGLE LLC
2023262861	CHUGAI SEIYAKU KABUSHIKI KAISHA		BELUA BEHEER B.V.
2023263227	CATERPILLAR INC.	2023270430	NEW-TEC INTEGRATION (XIAMEN) CO., LTD.
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2023263403	VERU INC.		F. HOFFMANN-LA ROCHE AG
2023263414	JOHN MEZZALINGUA ASSOCIATES, LLC	2023270744	BYONDIS B.V.
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2023263581	THE UNIVERSITY OF SYDNEY		
2023263648	HERAEUS PRECIOUS METALS GMBH & CO. KG		
2023263908	LG ENERGY SOLUTION, LTD.		
2023263963	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT		
2023263993	MARS, INCORPORATED		
2023264015	CARNEGIE MELLON UNIVERSITY		

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2023271386	SPECTAINER PTY LTD	2023290870	DAICEL CORPORATION; DAIKIN INDUSTRIES, LTD.
2023271405	SYNGENTA CROP PROTECTION AG	2023291778	IMBA - INSTITUT FÜR MOLEKULARE BIOTECHNOLOGIE GMBH
2023271572	KIRWAN, D.	2023291849	HANGZHOU POLYMED BIOPHARMACEUTICALS, INC.
2023271634	GREENIRON H2 AB	2023291917	NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE
2023271908	PURPANA (BEIJING) TECHNOLOGIES CO., LTD	2023294300	DAICEL CORPORATION; DAIKIN INDUSTRIES, LTD.
2023272108	PRECISION BIOLOGICS, INC.	2023294302	DAICEL CORPORATION; DAIKIN INDUSTRIES, LTD.
2023272229	TOPSOE A/S	2023294604	KYOCERA SENCO INDUSTRIAL TOOLS, INC.
2023272308	BIOXODES	2023296159	DAICEL CORPORATION; DAIKIN INDUSTRIES, LTD.
2023272312	AMADEUS S.A.S.	2023297524	KOMATSU LTD.
2023272445	GOOGLE LLC	2023297744	CRH CONCRETE A/S
2023272447	OLEMA PHARMACEUTICALS, INC.	2023297857	AMGEN INC.
2023272562	VERTEX PHARMACEUTICALS INCORPORATED	2023298394	SAIPEM S.P.A.
2023272579	KODAK ALARIS INC.	2023299253	ACTUATE THERAPEUTICS, INC.
2023272938	W. L. GORE & ASSOCIATES, INC.	2023299776	VARIAN MEDICAL SYSTEMS, INC.
2023272941	CORCEPT THERAPEUTICS INCORPORATED	2023303060	MUNA THERAPEUTICS APS
2023272945	GENENTECH, INC.	2023303877	TOPSOE A/S
2023273030	SPARROW PHARMACEUTICALS, INC.	2023304989	QUALCOMM INCORPORATED
2023273187	TETRA LAVAL HOLDINGS & FINANCE S.A.	2023307321	GEA WESTFALIA SEPARATOR GROUP GMBH
2023273230	CENTRE HOSPITALIER UNIVERSITAIRE VAUDOIS; ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE	2023307658	JFE STEEL CORPORATION
2023273244	AMADEUS S.A.S.	2023307672	HALLIBURTON ENERGY SERVICES, INC.
2023273260	SUEZ INTERNATIONAL	2023307735	JFE STEEL CORPORATION
2023273586	DE SANTO, K.L.	2023308024	ZEHNDER GROUP INTERNATIONAL AG
2023273598	ACASTI PHARMA U.S., INC.	2023310091	HALLIBURTON ENERGY SERVICES, INC.
2023273605	ONSIGHT TECHNOLOGY, INC.	2023310571	MELLA PET CARE, INC.; BABBIT, A.; ZHANG, Y.; SEIDMAN, B.; WANG, Y.
2023273614	VERTEX PHARMACEUTICALS INCORPORATED	2023313163	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION
2023273966	ECOCEN MATERIALS LIMITED; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; ECOLE NORMALE SUPERIEURE PARIS-SACLAY	2023314480	KENNAMETAL INC.
2023273980	SYNGENTA CROP PROTECTION AG	2023319154	ARAMIS BIOTECHNOLOGIES INC.
2023274005	MABYLON AG	2023319559	ABBISKO THERAPEUTICS CO., LTD.
2023275204	MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.	2023321413	SHANGHAI PUBLIC HEALTH CLINICAL CENTER
2023275419	AMPLITUDE VASCULAR SYSTEMS, INC.	2023328486	ZTE CORPORATION
2023275461	DSM IP ASSETS B.V.	2023331396	WUHAN NARI LIMITED LIABILITY COMPANY OF STATE GRID ELECTRIC POWER RESEARCH INSTITUTE; STATE GRID BEIJING ELECTRIC POWER COMPANY; STATE GRID ELECTRIC POWER RESEARCH INSTITUTE
2023275580	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG	2023345882	KOMATSU LTD.
2023275619	AMPLITUDE VASCULAR SYSTEMS, INC.	2023366640	DORYNEK, K.
2023275896	VULCAN ENERGIE RESSOURCEN GMBH	2023382161	MEDISCA PHARMACEUTIQUE INC.
2023276342	IMMUNITYBIO, INC.	2023386069	PANGANG GROUP PANZHILHUA IRON & STEEL RESEARCH INSTITUTE CO., LTD.
2023276356	CHEVRON U.S.A. INC.	2023387762	ANSTEEL BEIJING RESEARCH INSTITUTE CO., LTD.; ANSTEEL GROUP MINING CORPORATION LIMITED
2023276467	AFFINI-T THERAPEUTICS, INC.; FRED HUTCHINSON CANCER CENTER	2023388203	ENERGYLINK CORPORATION
2023276488	DSM IP ASSETS B.V.	2023389028	CHENGDU LEEJUN INDUSTRIAL CO LTD
2023276772	HERAEUS PRECIOUS METALS GMBH & CO. KG	2023407195	HODGSON, P.C.
2023277297	HYBRIT DEVELOPMENT AB	2023414164	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2023277513	DIZAL (JIANGSU) PHARMACEUTICAL CO., LTD.	2023424025	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2023277616	HERCULES LLC	2023426268	GEA MECHANICAL EQUIPMENT ITALIA S.P.A.
2023277715	CASALE SA	2023433179	ZHEJIANG ZENERGY SOLAR CO., LTD.
2023277740	BIO-TRIP B.V.	2023433333	LG ENERGY SOLUTION, LTD.
2023279090	VOYAGER THERAPEUTICS, INC.	2024219848	ULRICH GMBH & CO. KG
2023280377	HITACHI ENERGY USA INC.	2024220197	STRONG FORCE EE PORTFOLIO 2022, LLC
2023280407	FASTWAVE MEDICAL INC.		
2023281560	SURGICAL DESIGN INNOVATIONS, LLC		
2023281896	CERAMTEC GMBH		
2023282873	THE ALFRED E. MANN FOUNDATION FOR SCIENTIFIC RESEARCH		
2023283632	F. HOFFMANN-LA ROCHE AG		
2023283701	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.		
2023283751	OSMOSE UTILITIES SERVICES, INC.		
2023283829	DISC MEDICINE, INC.		
2023286087	REVIP - REV ICE PROJECT S.R.L.		
2023287247	SUBSEA 7 DO BRASIL SERVICOS LTDA		
2023288149	EASYSNAP TECHNOLOGY S.R.L.		
2023288711	F. HOFFMANN-LA ROCHE AG		
2023289048	SUBSEA 7 DO BRASIL SERVICOS LTDA		
2023289066	CATERPILLAR INC.		
2023290573	COOLBROOK OY		
2023290595	WELLAND MEDICAL LIMITED		
2023290627	LUIGI LAVAZZA S.P.A.		

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			2023250438	2022458683	2023244585
<u>A01K 29 /-</u>	<u>A23F 5 /-</u>	<u>A47C 3 /-</u>	2023251271	2022459551	2023244908
2023237577	2023244818	2023256750	2023251272	2022460784	2023245603
2023310571	2023248694		2023254150		2023246543
	2023290627		2023256600	<u>A61F 2 /-</u>	2023246545
<u>A01K 41 /-</u>	<u>A23G 9 /-</u>	<u>A47C 4 /-</u>	2023260356	2023238125	2023246547
2023257169	2023254800	2023270430	2023275461	2023256689	2023246548
	2023286087		2023275461	2023271572	2023246679
			2023275619	2023275461	2023246680
				2023276488	2023246681
				2023281896	2023246690
				2023283701	2023246773
					2023246774

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2023246775		2023256773	2023262597	<u>A61P 11 /-</u>	2023288711
2023248548	<u>A61K 38 /-</u>	2023256874	2023262861		2023299253
2023248671		2023257375	2023264015	2023238433	2023303060
2023249162	2022396413	2023259355	2023264354	2023260344	
2023249346	2023235712	2023260344	2023265825	2023272562	<u>A61P 27 /-</u>
2023250030	2023237604	2023262597	2023266198	2023273614	
2023250220	2023240296	2023264015	2023269309	2023277513	2023258808
2023250964	2023241819	2023264018	2023271385	2023299253	2023262861
2023251118	2023242770	2023265886	2023273598	<u>A61P 15 /-</u>	2023264042
2023252976	2023244818	2023266198	2023277740		2023277513
2023253008	2023249557	2023269309	2023299253	2023272447	<u>A61P 29 /-</u>
2023255378	2023250347	2023270744	2023382161		
2023256034	2023254828	2023299253		<u>A61P 17 /-</u>	2023256603
2023256603	2023256874		<u>A61L 2 /-</u>		2023256679
2023256679	2023257369	<u>A61K 48 /-</u>	2022456851	2023240388	2023260810
2023257375	2023258034			2023241243	2023260921
2023257559	2023258808	2023240256		2023248548	2023262861
2023257613	2023260921	2023258808	<u>A61L 24 /-</u>	2023256501	2023265015
2023258808	2023262597			2023257369	2023267747
2023260344	2023264039	<u>A61K 49 /-</u>	2023290595	2023257559	2023272941
2023260810	2023272308		<u>A61L 27 /-</u>	2023260810	
2023261964	2023283829	2023270705		2023265015	<u>A61P 3 /-</u>
2023263403	2023319154		2023241716		
2023263648		<u>A61K 51 /-</u>	2023256501	<u>A61P 19 /-</u>	2023248671
2023264018	<u>A61K 39 /-</u>	2023270705	2023271385		2023252976
2023264354				2023277513	2023253008
2023264591	2023237240	<u>A61K 6 /-</u>	<u>A61M 1 /-</u>		2023254828
2023264608	2023238299			<u>A61P 21 /-</u>	2023273030
2023265015	2023240296	2023242653	2023266198		2023283829
2023265171	2023243878			2023249162	
2023265569	2023245368	<u>A61K 8 /-</u>	<u>A61M 25 /-</u>	2023264039	<u>A61P 31 /-</u>
2023265825	2023249803				
2023265850	2023252259	2023218315	2023264339	<u>A61P 25 /-</u>	2023248671
2023265886	2023253020	2023244818	2023275419		2023249803
2023266198	2023254836	2023256610	2023275619	2022446955	2023255378
2023267747	2023262861	2023257369		2022447256	2023260921
2023270744	2023264591	2023265015	<u>A61M 29 /-</u>	2023235712	2023272941
2023272447	2023266749	2023271908		2023240256	2023319154
2023272562	2023268564	2023382161	2023264339	2023241739	2023321413
2023272941	2023268745			2023242291	
2023272945	2023269157	<u>A61K 9 /-</u>	<u>A61M 39 /-</u>	2023242438	<u>A61P 33 /-</u>
2023273030	2023274005			2023242439	
2023273598	2023276467	2023238872	2023264339	2023244447	2023218315
2023273614	2023283829	2023239642		2023244449	2023256586
2023274005	2023319154	2023240388	<u>A61M 5 /-</u>	2023244452	
2023277513	2023321413	2023241047		2023244452	<u>A61P 35 /-</u>
2023288711		2023241243	2023262861	2023244453	
2023291849	<u>A61K 45 /-</u>	2023242438		2023244585	
2023299253		2023242439	<u>A61M 60 /-</u>	2023244908	2022396413
2023303060	2023242770	2023244366		2023246543	2023234202
2023319559	2023257559	2023244449	2023237236	2023246545	2023237240
	2023258808	2023244452		2023246547	2023237604
<u>A61K 33 /-</u>	2023262597	2023244453	<u>A61N 1 /-</u>	2023246548	2023237749
	2023272941	2023244508		2023246679	2023239448
2023266198	2023273614	2023244818	2023260657	2023246680	2023239642
		2023246543	2023261966	2023246681	2023240296
<u>A61K 35 /-</u>	<u>A61K 47 /-</u>	2023246547	2023282873	2023246690	2023243455
		2023246548		2023246773	2023243878
2023245965	2023237240	2023246679	<u>A61N 5 /-</u>	2023246774	2023248671
2023254840	2023238299	2023246680		2023246775	2023249557
2023258808	2023238872	2023246681	2023299776	2023248671	2023249803
2023264042	2023239156	2023246689		2023253008	2023250030
2023269157	2023239448	2023246690	<u>A61P 1 /-</u>	2023256034	2023250220
2023270486	2023241047	2023246773		2023256603	2023252259
2023276342	2023244366	2023246774	2023240388	2023257613	2023253008
2023276467	2023244508	2023248548	2023241243	2023262861	2023254836
2023291778	2023245368	2023250030	2023257559	2023264015	2023256773
	2023249162	2023250347	2023260344	2023265569	2023257559
<u>A61K 36 /-</u>	2023249557	2023253020	2023265825	2023269309	2023258034
	2023252259	2023256501	2023270486	2023270744	2023259355
2023244818	2023252976	2023257375	2023272941	2023272308	2023261964
2023260810	2023253020	2023257559		2023273030	2023263648
2023382161	2023256501	2023260344		2023277513	2023264015

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2023264018	<u>A61Q 7 /-</u>	<u>B01F 33 /-</u>	<u>B04B 13 /-</u>	<u>B23K 10 /-</u>	<u>B31F 1 /-</u>
2023264591					
2023264608	2023257369	2023246750	2023252763	2023260461	2022451912
2023265850		2023264083			
2023265886	<u>A62C 3 /-</u>	2023426268	<u>B04B 15 /-</u>	<u>B23K 11 /-</u>	<u>B32B 1 /-</u>
2023267747					
2023269157	2023253900	<u>B01F 35 /-</u>	2023252763	2023386069	2023288149
2023271317			2023307321		
2023272447	<u>A62C 31 /-</u>	2023246750		<u>B23K 15 /-</u>	
2023272941		2023264083	<u>B04B 5 /-</u>		<u>B32B 27 /-</u>
2023272945	2023253900			2023260461	
2023273230		<u>B01J 19 /-</u>	2023252763		2023273187
2023276342	<u>A62C 35 /-</u>			<u>B23K 26 /-</u>	2023290870
2023276467		2023260653	<u>B05B 12 /-</u>		2023294300
2023291849	2023253900	2023290573		2023260461	2023294302
2023299253	<u>A62C 37 /-</u>		2023345882		2023296159
2023319559		<u>B01J 20 /-</u>	<u>B05B 17 /-</u>	<u>B23K 9 /-</u>	2023314480
	2023253900	2023307658		2023260461	<u>B32B 3 /-</u>
<u>A61P 37 /-</u>		2023307735	2023345882		
	<u>A63B 23 /-</u>			<u>B25B 21 /-</u>	2023294302
2023244818		<u>B01J 21 /-</u>	<u>B05B 7 /-</u>		
2023248548	2023253656			2023294604	<u>B32B 5 /-</u>
2023249803		2023255217	2023269168		
2023256773	<u>A63F 13 /-</u>			<u>B25F 3 /-</u>	2023290870
2023260810		<u>B01J 23 /-</u>	<u>B05C 11 /-</u>		2023294300
2023262861	2023248435			2023294604	2023294302
2023267747		2023255217	2023345882	<u>B25F 5 /-</u>	2023296159
2023268564	<u>A63F 9 /-</u>	2023276772			
2023274005		<u>B01J 35 /-</u>	<u>B05D 1 /-</u>	2023294604	<u>B33Y 10 /-</u>
2023277740	2023268739		2023290761		
2023319154	<u>A63H 1 /-</u>	2023255217		<u>B25H 1 /-</u>	2023260461
		2023276772	<u>B05D 3 /-</u>		<u>B33Y 50 /-</u>
<u>A61P 43 /-</u>	2023268739		2023290761	2023249227	
		<u>B01J 37 /-</u>			2023260461
2023246690	<u>B01D 35 /-</u>		<u>B05D 5 /-</u>	<u>B25H 3 /-</u>	<u>B33Y 70 /-</u>
2023256034		2023255217			
2023273614	2023264083		2023255951	2023249227	2023260461
<u>A61P 5 /-</u>	<u>B01D 5 /-</u>	<u>B01J 45 /-</u>		<u>B25J 13 /-</u>	
			<u>B05D 7 /-</u>		<u>B33Y 80 /-</u>
2023272941	2023303877	2023237536		2022454677	2023260461
2023273030		<u>B01J 8 /-</u>	2023255951	<u>B25J 5 /-</u>	
<u>A61P 7 /-</u>	<u>B01D 53 /-</u>		2023290761		2023260461
		2023260653	<u>B07B 1 /-</u>	2023248387	<u>B60C 7 /-</u>
2023240215	2023260462			2023273605	2022453404
2023240388	2023266610	<u>B01L 3 /-</u>	2023248389		
2023241243	2023272938			<u>B25J 9 /-</u>	<u>B60L 1 /-</u>
2023242770	2023388203	2023263416	<u>B21B 1 /-</u>		
2023262861	<u>B01D 61 /-</u>		2022457248	2023273605	2023260269
2023266198		<u>B02C 17 /-</u>			
	2023263963		<u>B21B 37 /-</u>	<u>B28D 1 /-</u>	<u>B60L 50 /-</u>
<u>A61P 9 /-</u>		2023252706			
	<u>B01F 23 /-</u>	2023252707	2022457248	2023267180	2023239011
2023238433		2023257318			
2023253008	2022451213	<u>B02C 18 /-</u>	<u>B22D 11 /-</u>	<u>B29B 17 /-</u>	<u>B60L 58 /-</u>
2023256603	2023382161				
2023264015		2023257318	2022457248	2023257181	2023239011
2023266749	<u>B01F 25 /-</u>				2023260269
2023272308		<u>B02C 25 /-</u>	<u>B22F 10 /-</u>	2023257181	<u>B60M 1 /-</u>
2023272941	2022451213				
2023273598	2023246750	2023252706	2023260461	2023257181	2023260914
2023277513	2023426268	2023252707		<u>B29B 9 /-</u>	
<u>A61Q 17 /-</u>	<u>B01F 29 /-</u>	<u>B03C 1 /-</u>	<u>B22F 5 /-</u>		<u>B62D 55 /-</u>
				2023257181	
2023271908	2023382161	2023387762	2023260461	<u>B29C 45 /-</u>	2023248387
<u>A61Q 19 /-</u>	<u>B01F 31 /-</u>	<u>B04B 1 /-</u>	<u>B23B 45 /-</u>		2023269255
				2023254649	<u>B63B 21 /-</u>
2023256610	2023290573	2023307321	2023294604	<u>B29D 30 /-</u>	2023269729
2023271908					
				2022453404	

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<u>B63B 32 /-</u>	<u>B65D 27 /-</u>	<u>B65H 75 /-</u>	<u>C02F 3 /-</u>	<u>C04B 7 /-</u>	<u>C07D 209 /-</u>
2023250795	2023250034	2021372294	2023273260	2023238745	2022446955
<u>B63B 34 /-</u>	<u>B65D 33 /-</u>	<u>B66B 11 /-</u>	<u>C02F 9 /-</u>	2023240716	2022447256
2023250795	2023241837	2022457576	2023273260	2023255154	2023234202
<u>B63B 35 /-</u>	<u>B65D 51 /-</u>	<u>B66B 19 /-</u>	2023275896	2023260827	2023235712
2023287247	2023241837	2022460336	<u>C03B 37 /-</u>	<u>C05B 7 /-</u>	2023244585
2023289048	2023251121	<u>B66C 1 /-</u>	2023260461	2023255217	2023246775
<u>B63B 79 /-</u>	<u>B65D 6 /-</u>	2023297744	<u>C03B 5 /-</u>	<u>C05G 5 /-</u>	<u>C07D 211 /-</u>
2023246998	2023261791	<u>B66C 13 /-</u>	2023241207	2023255217	2023244908
<u>B63G 8 /-</u>	<u>B65D 65 /-</u>	2023246998	<u>C03B 9 /-</u>	<u>C07C 211 /-</u>	2023265825
2023260623	2023273187	<u>B66C 23 /-</u>	2023241207	2023257613	2023272562
<u>B65B 29 /-</u>	<u>B65D 75 /-</u>	2023246998	<u>C03C 1 /-</u>	<u>C07C 255 /-</u>	<u>C07D 215 /-</u>
2023246750	2023288149	<u>B67D 1 /-</u>	2023241207	2023257613	2023237749
<u>B65B 3 /-</u>	<u>B65D 77 /-</u>	2023268528	<u>C03C 3 /-</u>	<u>C07C 271 /-</u>	2023256603
2023246750	2023241837	<u>B67D 7 /-</u>	2023241207	2023241585	<u>C07D 231 /-</u>
<u>B65B 35 /-</u>	<u>B65D 81 /-</u>	2023246750	<u>C03C 4 /-</u>	2023257613	2023265825
2023250036	2023273187	<u>B82Y 5 /-</u>	2023241207	<u>C07C 309 /-</u>	2023263648
<u>B65B 37 /-</u>	<u>B65D 83 /-</u>	2023277740	<u>C04B 111 /-</u>	2023244585	<u>C07D 239 /-</u>
2023246750	2023241837	<u>C01B 13 /-</u>	2023260474	<u>C07C 323 /-</u>	2023245603
<u>B65B 39 /-</u>	<u>B65D 85 /-</u>	2023260462	<u>C04B 14 /-</u>	2023257613	2023256603
2023246750	2023290627	<u>C01B 21 /-</u>	2023240716	<u>C07C 37 /-</u>	<u>C07D 235 /-</u>
<u>B65B 5 /-</u>	<u>B65D 88 /-</u>	2023276772	<u>C04B 16 /-</u>	2023241585	2023263648
2023250036	2023261791	<u>C01B 23 /-</u>	2023238745	2023244585	<u>C07D 239 /-</u>
<u>B65B 57 /-</u>	2023271386	2023242910	<u>C04B 18 /-</u>	<u>C07C 323 /-</u>	<u>C07D 295 /-</u>
2023246750	<u>B65D 90 /-</u>	<u>C01B 3 /-</u>	2023238745	2023303877	2023241585
<u>B65B 59 /-</u>	2023261791	2023276772	2023240716	<u>C07C 45 /-</u>	<u>C07D 307 /-</u>
2023246750	2023271386	<u>C01B 23 /-</u>	<u>C04B 16 /-</u>	2023303877	2023245710
<u>B65B 65 /-</u>	<u>B65F 1 /-</u>	2023242910	2023238745	<u>C07C 47 /-</u>	2023256586
2023250036	2023249227	<u>C01B 32 /-</u>	<u>C04B 2 /-</u>	<u>C07C 49 /-</u>	<u>C07D 311 /-</u>
<u>B65B 69 /-</u>	<u>B65G 1 /-</u>	2023242910	2023255154	2023303877	2023253008
2023250036	2023252763	2023242910	<u>C04B 20 /-</u>	<u>C07C 49 /-</u>	<u>C07D 333 /-</u>
<u>B65D 1 /-</u>	<u>B65G 11 /-</u>	2023273187	<u>C04B 22 /-</u>	2023303877	2023265825
2023254064	2023252763	2023407195	2023240716	<u>C07C 55 /-</u>	<u>C07D 401 /-</u>
<u>B65D 19 /-</u>	<u>B65G 43 /-</u>	<u>C01C 1 /-</u>	<u>C04B 26 /-</u>	2023244585	2022446955
2023262577	2023252763	2023255217	2023238745	<u>C07C 57 /-</u>	2023234202
<u>B65D 25 /-</u>	<u>B65G 47 /-</u>	2023263963	<u>C04B 22 /-</u>	2023234202	2023237749
2023241837	2023262703	2023273260	2023240716	2023244585	2023244908
2023254064	<u>B65G 65 /-</u>	2023275896	<u>C04B 28 /-</u>	2023244585	2023256603
<u>B65G 65 /-</u>	2023262703	<u>C02F 101 /-</u>	2023260474	<u>C07C 59 /-</u>	2023261964
2023262703	2023262703	2023263963	<u>C04B 26 /-</u>	2023234202	2023277513
2023262703	2023262703	2023273260	2023260474	2023235712	2023291849
2023262703	2023262703	2023275896	2023260474	2023244585	<u>C07D 403 /-</u>
2023262703	2023262703	2023275896	<u>C04B 28 /-</u>	<u>C07C 7 /-</u>	2023237749
2023262703	2023262703	2023275896	2023240716	2023266610	2023241739
2023262703	2023262703	2023275896	2023260474	<u>C07D 207 /-</u>	2023243455
2023262703	2023262703	2023275896	2023260827	2023244908	2023250220
2023262703	2023262703	2023275896	2023273966	2023271908	2023251988
2023262703	2023262703	2023275896			2023270705

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<u>C07D 405 /-</u>	<u>C07D 513 /-</u>	<u>C07K 16 /-</u>	<u>C08K 5 /-</u>	<u>C12C 11 /-</u>	2023321413
2022446955	2023248671	2022396413	2023260474	2022457030	<u>C12N 5 /-</u>
2023234202	2023265850	2023237240		2023236387	
2023235712		2023237604	<u>C08L 63 /-</u>	2023236829	2023241716
2023244908	<u>C07D 519 /-</u>	2023238433			2023243736
2023248671		2023239448	2023260474	<u>C12C 13 /-</u>	2023243878
2023256603	2023256034	2023240296			2023245368
2023261964	2023256603	2023243878	<u>C08L 7 /-</u>	2023233766	2023245965
	2023256874	2023245368		2023236387	2023256501
<u>C07D 407 /-</u>	2023264608	2023249162	2022458043	2023236829	2023256689
	2023272945	2023249557			2023257604
2023248671		2023249803	<u>C08L 9 /-</u>	<u>C12C 5 /-</u>	2023259612
	<u>C07F 7 /-</u>	2023250347		2022457030	2023259664
<u>C07D 409 /-</u>		2023252259	2022458043		2023264042
	2023235712	2023253020		<u>C12C 7 /-</u>	2023272108
2023244908		2023254836	<u>C09D 183 /-</u>		2023276342
2023248671	<u>C07F 9 /-</u>	2023255761		2022457030	2023276467
		2023256252	2023255951	2023233766	2023291778
<u>C07D 411 /-</u>	2023235712	2023259355	<u>C09D 5 /-</u>		2023319154
	2023237749	2023264591		<u>C12G 3 /-</u>	
2023255378		2023266749	2023255951		<u>C12N 7 /-</u>
	<u>C07H 15 /-</u>	2023268600	2023258569	2023236387	
<u>C07D 413 /-</u>		2023269157	2023260615		2023319154
	2023255378	2023271317		<u>C12M 1 /-</u>	
2023237749		2023272108	<u>C09D 7 /-</u>		<u>C12N 9 /-</u>
2023261964	<u>C07H 19 /-</u>	2023274005		2023237902	2022457030
2023288711		2023276467	2023255951	2023241166	2023238620
2023291849	2023255378	2023319154	2023290761	2023256689	2023239069
				2023259664	2023249774
<u>C07D 417 /-</u>	<u>C07H 21 /-</u>	<u>C07K 17 /-</u>	<u>C09K 23 /-</u>	2023265097	2023254828
				2023267481	2023269540
2023261964	2023251118	2023238299	2023244818	2023297857	
2023264018	<u>C07J 1 /-</u>	2023239156			<u>C12P 19 /-</u>
2023265886			<u>C09K 5 /-</u>	<u>C12M 3 /-</u>	
	2023262157	<u>C07K 19 /-</u>		2023256689	2022457030
<u>C07D 451 /-</u>			2023307658		2023249774
	<u>C07J 31 /-</u>	2023245368	2023307735	<u>C12N 1 /-</u>	2023251118
2023264018		2023266749			
	2023262157	2023271385	<u>C09K 8 /-</u>	2023252626	<u>C12P 21 /-</u>
<u>C07D 471 /-</u>				2023254165	
	<u>C07J 51 /-</u>	<u>C07K 5 /-</u>	2023307672		2023319154
2023256603				<u>C12N 11 /-</u>	
2023256679	2023262157	2023235712	<u>C10G 2 /-</u>		<u>C12P 7 /-</u>
2023261964		2023271385		2023252626	
2023264608	<u>C07K 1 /-</u>		2023258130		2023265097
2023277513		<u>C07K 7 /-</u>	2023262664	<u>C12N 15 /-</u>	
2023291849	2023256874				<u>C12Q 1 /-</u>
		2023271385	<u>C10G 9 /-</u>	2023237240	
<u>C07D 487 /-</u>	<u>C07K 14 /-</u>			2023240256	2023238620
		<u>C08F 220 /-</u>	2023290573	2023240418	2023241198
2023244366	2023240296			2023240811	2023244578
2023264018	2023241819	2023256501	<u>C10K 3 /-</u>	2023241819	2023249774
2023264608	2023249803			2023243878	2023258574
2023267747	2023250347	<u>C08F 6 /-</u>	2023258130	2023245368	2023263416
2023283632	2023252259			2023245603	2023266281
2023291849	2023252976	2023257181	<u>C10L 1 /-</u>	2023249162	2023266797
2023303060	2023254828			2023251118	2023267481
2023319559	2023254840	<u>C08G 59 /-</u>	2023260762	2023252976	
	2023256874		2023260763	2023254840	<u>C12R 1 /-</u>
<u>C07D 491 /-</u>	2023258034	2023260474	2023262647	2023259612	
	2023258808		2023262648	2023259612	2023266281
2023239448	2023259612	<u>C08G 65 /-</u>		2023263416	
2023261964	2023260921		<u>C10L 10 /-</u>	2023265171	<u>C21B 13 /-</u>
2023267747	2023269157	2023277616		2023266749	
	2023273230		2023260762	2023266797	2023271634
<u>C07D 498 /-</u>	2023276342	<u>C08J 11 /-</u>	2023260763	2023269157	2023277297
	2023276467		2023262647	2023269540	
2023256034	2023277740	2023257181	2023262648	2023270744	<u>C21B 5 /-</u>
2023261964	2023279090			2023276467	
2023267747	2023319154	<u>C08K 3 /-</u>	<u>C11D 1 /-</u>	2023277740	2023277297
2023272562				2023279090	
2023272945		2023407195	2022453560	2023319154	

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<u>C21B 7/-</u>	<u>D21H 27/-</u>	<u>E21B 1/-</u>	<u>E21B 7/-</u>	<u>F16B 21/-</u>	<u>F24F 1/-</u>
2023277297	2022451912 2023273187	2023253741	2022472279 2023246882 2023247270	2023260264	2023275204 2023290870 2023294300 2023296159
<u>C21D 8/-</u>	<u>E01C 23/-</u>	<u>E21B 10/-</u>	<u>E21C 25/-</u>	<u>F16C 19/-</u>	<u>F24F 11/-</u>
2022457248	2023255177	2023246882 2023247270 2023253741 2023314480	2023267180	2023256365	2023259307 2023308024
<u>C22B 1/-</u>	<u>E01D 19/-</u>	<u>E21B 17/-</u>	<u>E21C 35/-</u>	<u>F16C 23/-</u>	<u>F24F 12/-</u>
2023387762	2023258883	2023246882 2023247270 2023258550 2023287247 2023289048	2023260244 2023263227 2023314480 2023345882	2023389028	2023308024
<u>C22B 26/-</u>	<u>E01H 3/-</u>	<u>E21B 19/-</u>	<u>E21C 37/-</u>	<u>F16C 33/-</u>	<u>F24F 13/-</u>
2023275896	2023345882	2023255178 2023287247 2023289048	2023267180	2023256365 2023389028	2023275204 2023308024
<u>C22B 3/-</u>	<u>E02B 17/-</u>	<u>E21B 21/-</u>	<u>F01C 1/-</u>	<u>F16F 15/-</u>	<u>F24F 13/-</u>
2023237536 2023275896	2023246998 2023310091	2023267180	2023267180	2023266892	2023275204 2023308024
<u>C22B 5/-</u>	<u>E02B 3/-</u>	<u>E21C 47/-</u>	<u>F01C 15/-</u>	<u>F16H 48/-</u>	<u>F24F 6/-</u>
2023271634 2023387762	2023269729	2023267180	2023267180	2023264705	2023290870 2023294300 2023294302 2023296159
<u>C22B 59/-</u>	<u>E02D 13/-</u>	<u>F01C 20/-</u>	<u>F01C 20/-</u>	<u>F16K 15/-</u>	<u>F24F 8/-</u>
2023264784	2023246998	2023262723	2023262723	2023268528	2023275204
<u>C22C 30/-</u>	<u>E02D 27/-</u>	<u>F01K 13/-</u>	<u>F01K 13/-</u>	<u>F16L 1/-</u>	<u>F24S 25/-</u>
2023260461	2023246998 2023310091	2023262723	2023260462	2023265540 2023287247 2023289048	2023249271
<u>C22C 33/-</u>	<u>E02D 7/-</u>	<u>E21B 3/-</u>	<u>F01K 25/-</u>	<u>F16L 15/-</u>	<u>F24T 10/-</u>
2022457248	2023246998	2023246882 2023247270	2023298394	2023291917	2023275896
<u>C22C 38/-</u>	<u>E02F 3/-</u>	<u>E21B 33/-</u>	<u>F02K 9/-</u>	<u>F16L 21/-</u>	<u>F24T 50/-</u>
2022457248	2023259048	2023263367	2023262723	2023268528	2023275896
<u>C23C 2/-</u>	2023260244 2023261430 2023263227 2023414164 2023424025	<u>E21B 4/-</u>	<u>F03D 13/-</u>	<u>F16L 55/-</u>	<u>F25D 23/-</u>
2023247884	2023414164 2023424025	2023253741	2023246998	2023268528	2023254649
<u>C25B 1/-</u>	<u>E02F 9/-</u>	<u>E21B 43/-</u>	<u>F03G 3/-</u>	<u>F16L 59/-</u>	<u>F27B 1/-</u>
2023258130 2023262664	2023255177 2023259048	2023259153 2023276356 2023307672	2023265755	2023254649	2023255154
<u>C25B 15/-</u>	2023260244 2023260264 2023260269 2023261430 2023263227 2023297524 2023414164 2023424025	<u>E21B 44/-</u>	<u>F04B 39/-</u>	<u>F16M 5/-</u>	<u>F27B 15/-</u>
2023262664	2023261430 2023263227 2023297524 2023414164 2023424025	2022472279 2023276356	2023237934 2023244064 2023247626	2023266892 2023266893	2023255154
<u>C25B 9/-</u>	<u>E04C 3/-</u>	<u>E21B 47/-</u>	<u>F04C 29/-</u>	<u>F16M 7/-</u>	<u>F27B 7/-</u>
2023272229	2023256686	2023242910 2023255215 2023255779 2023258550 2023263367	2023237934 2023244064	2023266893	2023255154
<u>C25D 5/-</u>	<u>E04C 5/-</u>	<u>E21B 49/-</u>	<u>F04D 25/-</u>	<u>F17C 11/-</u>	<u>F27D 99/-</u>
2023291917	2023256686	2023242910 2023253741 2023259153	2023267492	2023303877	2023255154
<u>C25D 7/-</u>	<u>E04H 17/-</u>	<u>E21B 6/-</u>	<u>F04D 29/-</u>	<u>F23C 13/-</u>	<u>F41A 19/-</u>
2023291917	2023238745	2023242910 2023253741 2023259153	2023267492	2023277715	2023258519
<u>D06N 3/-</u>	<u>E04H 17/-</u>	<u>E21B 6/-</u>	<u>F16B 17/-</u>	<u>F23D 14/-</u>	<u>F41H 7/-</u>
2023257604	2023258883	2023253741	2023267492	2023277715	2023248387
<u>D21H 19/-</u>			<u>F16B 17/-</u>	<u>F23D 99/-</u>	<u>F42C 19/-</u>
2023273187			2023256686	2023277715	2023226668

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<u>G01C 21 /-</u>	<u>G01N 35 /-</u>	<u>G06F 16 /-</u>	2023260819 2023263993 2023289066 2023345882 2024220197	<u>G16H 15 /-</u>	<u>H01Q 25 /-</u>
2023237277	2023252763 2023273586	2023255697 2023269130 2023272312 2023273244		2023260819 2023263993	2022460731
<u>G01F 5 /-</u>	<u>G01R 31 /-</u>	<u>G06F 18 /-</u>	<u>G06T 17 /-</u>	<u>G16H 20 /-</u>	<u>H01Q 3 /-</u>
2023276356	2023238432 2023240429	2023255215 2023255697	2023424025	2023258518	2022460731 2023263414
<u>G01G 19 /-</u>	<u>G01R 33 /-</u>	<u>G06F 21 /-</u>	<u>G06T 5 /-</u>	<u>G16H 40 /-</u>	<u>H01Q 5 /-</u>
2023310571	2023250338	2023261883 2023269130	2023424025	2023258518 2023275419	2022460731
<u>G01H 1 /-</u>	<u>G01S 1 /-</u>	<u>G06F 30 /-</u>	<u>G06T 7 /-</u>	<u>G16H 50 /-</u>	<u>H01Q 9 /-</u>
2023252706 2023252707	2023237577	2023259153 2023310091	2023257293 2023424025	2022463959 2023263993	2022460731
<u>G01H 9 /-</u>	<u>G01S 19 /-</u>	<u>G06F 40 /-</u>	<u>G06V 10 /-</u>	<u>G16H 80 /-</u>	<u>H01R 13 /-</u>
2023255215	2022460731 2023237577	2023259343	2023257293 2023272445	2023263993	2023259613
<u>G01J 3 /-</u>	<u>G01S 3 /-</u>	<u>G06F 9 /-</u>	<u>G06V 20 /-</u>	<u>G21K 5 /-</u>	<u>H01R 31 /-</u>
2023262007	2023260623	2023261883	2022450406	2022456851	2023294604
<u>G01K 3 /-</u>	<u>G01S 5 /-</u>	<u>G06K 7 /-</u>	<u>G06V 30 /-</u>	<u>H01B 1 /-</u>	<u>H02G 1 /-</u>
2023259307	2023237577	2023237277	2023272445	2023259613	2021372295
<u>G01L 1 /-</u>	<u>G01V 1 /-</u>	<u>G06N 10 /-</u>	<u>G07F 13 /-</u>	<u>H01B 5 /-</u>	<u>H02G 15 /-</u>
2023255779	2022470696 2023242910 2023255215 2023259153 2023260623	2023240075	2023246750	2023260914	2023257632
<u>G01M 5 /-</u>	<u>G01V 99 /-</u>	<u>G06N 20 /-</u>	<u>G07F 17 /-</u>	<u>H01J 49 /-</u>	<u>H02G 3 /-</u>
2023255779	2023259153	2022470696 2023248435 2023255215 2023255697 2023257293 2023289066 2024220197	2023248435	2022463724 2023238927 2023240424	2023256686
<u>G01N 1 /-</u>	<u>G02B 21 /-</u>	<u>G06N 3 /-</u>	<u>G08B 25 /-</u>	<u>H01L 21 /-</u>	<u>H02G 7 /-</u>
2023272108 2023273586	2023273586	2023255215 2023259343	2023257633	2023433179	2023260914 2023283751
<u>G01N 21 /-</u>	<u>G02B 27 /-</u>	<u>G06Q 10 /-</u>	<u>G10H 1 /-</u>	<u>H01L 31 /-</u>	<u>H02G 9 /-</u>
2023263581 2023273586 2023331396	2023424025	2023252763 2023255359 2023260819 2023263993 2023289066 2024220197	2023239173	2023433179	2023257632
<u>G01N 25 /-</u>	<u>G02C 7 /-</u>	<u>G06Q 20 /-</u>	<u>G10L 15 /-</u>	<u>H01M 10 /-</u>	<u>H02J 13 /-</u>
2023259307	2023256009	2023268497	2023249488 2023259343	2023433333	2023280377
<u>G01N 27 /-</u>	<u>G05D 1 /-</u>	<u>G06Q 30 /-</u>	<u>G10L 25 /-</u>	<u>H01M 4 /-</u>	<u>H02J 3 /-</u>
2022463724	2023240041	2023268497	2023249488	2023263908 2023433333	2023237831 2023280377
<u>G01N 30 /-</u>	<u>G05F 1 /-</u>	<u>G06Q 50 /-</u>	<u>G16B 20 /-</u>	<u>H01M 50 /-</u>	<u>H02J 7 /-</u>
2023239069	2023237831	2022466088 2023238620 2023239069 2023244578 2023249774 2023256252 2023257181 2023264039 2023265909 2023272108 2023273586	2023267481 2023268497	2023433333	2023239011 2023239997 2023294604 2023433333
<u>G01N 33 /-</u>	<u>G06F 1 /-</u>	<u>G06Q 20 /-</u>	<u>G16B 30 /-</u>	<u>H01M 8 /-</u>	<u>H02K 1 /-</u>
2022466088 2023238620 2023239069 2023244578 2023249774 2023256252 2023257181 2023264039 2023265909 2023272108 2023273586	2023269996	2023261883	2023268497	2023294604	2023237684
	<u>G06F 111 /-</u>	<u>G06Q 30 /-</u>	<u>G16B 40 /-</u>	<u>H01M 8 /-</u>	<u>H02K 15 /-</u>
	2023310091	2023272579	2023268497	2022458327 2023251599	2023237684
		<u>G06Q 50 /-</u>	<u>G16H 10 /-</u>	<u>H01Q 1 /-</u>	<u>H02K 15 /-</u>
		2022472175 2023259153	2022463959 2023263993 2023268497	2022460731	2023237684
				<u>H01Q 21 /-</u>	<u>H02S 20 /-</u>
				2022460731 2023263414	2023249271 2023366640

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<u>H02S 30 /-</u>	<u>H04N 5 /-</u>
2023366640	2022450406
<u>H02S 40 /-</u>	<u>H04N 7 /-</u>
2023259613	2023262151
<u>H02S 50 /-</u>	<u>H04R 25 /-</u>
2023273605	2023247288
<u>H03M 13 /-</u>	<u>H04W 12 /-</u>
2022484369	2023261883
	2023269130
<u>H04B 1 /-</u>	<u>H04W 16 /-</u>
2022460731	2023257255
<u>H04B 10 /-</u>	<u>H04W 24 /-</u>
2023255215	2023328486
2023266106	
<u>H04B 11 /-</u>	<u>H04W 28 /-</u>
2023264712	2023257255
<u>H04B 7 /-</u>	<u>H04W 36 /-</u>
2022460731	2023240831
<u>H04H 20 /-</u>	<u>H04W 4 /-</u>
2022460731	2023237577
	2023255215
<u>H04J 14 /-</u>	2023255359
	2023261883
2023255215	
<u>H04L 1 /-</u>	<u>H04W 52 /-</u>
2022484369	2023256264
<u>H04L 41 /-</u>	<u>H04W 56 /-</u>
2023259504	2023257255
2023313163	<u>H04W 72 /-</u>
<u>H04L 65 /-</u>	2022453742
2022457022	<u>H04W 8 /-</u>
<u>H04L 67 /-</u>	2023256264
2023237577	<u>H04W 88 /-</u>
<u>H04L 9 /-</u>	2023237577
	2023256264
2023261883	
2023269130	<u>H05K 7 /-</u>
<u>H04N 1 /-</u>	2023259307
2023262007	<u>H10N 60 /-</u>
<u>H04N 19 /-</u>	2023240075
2023262151	<u>H10N 69 /-</u>
2023304989	2023240075
<u>H04N 21 /-</u>	
2022460731	

Applications Accepted

Name Index

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<p>(71) 24M Technologies, Inc. (11) AU-B-2019301630 (21) 2019301630 (22) 09.07.2019 (54) Continuous and semi-continuous methods of semi-solid electrode and battery manufacturing (51) Int. Cl. <i>H01M 4/02</i> (2006.01) <i>H01M 4/139</i> (2010.01) <i>H01M 10/058</i> (2010.01) (87) WO2020/014268 (31) 62/695,483 (32) 09.07.18 (33) US (43) 16.01.2020 (44) 07.11.2024 (72) ZAGARS, Raymond; OTA, Naoki; TYLER, Matthew R.; HOLMAN, Richard K.; DUDZIAK, Mark; BAZZARELLA, Riccardo (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) ABL Bio Inc. (11) AU-B-2020291487 (21) 2020291487 (22) 15.06.2020 (54) Bispecific antibody against alpha-syn/IGF1R and use thereof (51) Int. Cl. <i>C07K 16/18</i> (2006.01) <i>A61K 39/00</i> (2006.01) <i>A61P 25/28</i> (2006.01) <i>C07K 16/28</i> (2006.01) (87) WO2020/251316 (31) 10-2019-0071057 (32) 14.06.19 (33) KR (43) 17.12.2020 (44) 07.11.2024 (72) AN, Sungwon; AHN, Jinhyung; SUNG, Byungje; KIM, Dongin; SONG, Dae-hae; EOM, Jaehyun; SON, Yong-Gyu; PARK, Kyungjin; KIM, Juhee; JUNG, Jinwon; LEE, Bora; YUN, Hyesu (74) Phillips Ormonde Fitzpatrick</p>	<p>(71) Advanced Elemental Technologies, Inc. (11) AU-B-2022287596 (21) 2022287596 (22) 14.12.2022 (54) METHODS AND SYSTEMS FOR SECURE AND RELIABLE IDENTITY-BASED COMPUTING (51) Int. Cl. <i>G06F 21/44</i> (2013.01) <i>G06F 21/30</i> (2013.01) <i>G06F 21/32</i> (2013.01) <i>G06F 21/53</i> (2013.01) <i>G06F 21/71</i> (2013.01) <i>G06F 21/74</i> (2013.01) (43) 02.02.2023 (44) 07.11.2024 (62) 2020256380 (72) Shear, Victor Henry; Williams, Peter Robert; Rho, Jaisook; Redmond, Timothy St. John (74) PHILLIPS ORMONDE FITZPATRICK</p>
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F28F 27/02 (2006.01)
G06F 1/00 (2006.01)
H05K 7/20 (2006.01)
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A61B 5/107 (2006.01)
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A61M 60/829 (2021.01)
F16C 17/02 (2006.01)
F16C 17/08 (2006.01)
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F16L 11/04 (2006.01)
E02D 29/12 (2006.01)
E03F 3/06 (2006.01)
F16L 55/165 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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G07F 7/10 (2006.01)
H04L 9/08 (2006.01)
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G06Q 20/32 (2012.01)
G06F 9/54 (2006.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
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H04W 4/80 (2018.01)
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G01F 1/36 (2006.01)
G01F 1/50 (2006.01)
G05B 19/4093 (2006.01)
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E02F 3/815 (2006.01)
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F04B 49/08 (2006.01)
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C07K 14/54 (2006.01)
A61K 35/17 (2015.01)
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A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
C12N 5/078 (2010.01)
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 A61B 18/02 (2006.01)
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 A61K 31/53 (2006.01)
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 C25B 11/093 (2021.01)
 H01B 1/02 (2006.01)
 H01B 13/00 (2006.01)
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B07B 1/00 (2006.01)
C08J 11/04 (2006.01)
C08K 3/013 (2018.01)
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E04C 2/42 (2006.01)
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A01C 23/00 (2006.01)
A01G 25/09 (2006.01)
B05B 1/30 (2006.01)
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H04W 4/38 (2018.01)
H04W 40/28 (2009.01)
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B01D 61/46 (2006.01)
C02F 1/461 (2006.01)
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A61C 13/00 (2006.01)
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B23Q 1/52 (2006.01)
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C07D 401/04 (2006.01)
A61K 31/4965 (2006.01)
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G01N 3/303 (2006.01)
E21D 21/00 (2006.01)
G01M 7/08 (2006.01)
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C07D 313/00 (2006.01)
A61K 31/365 (2006.01)
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H02M 5/458 (2006.01)
H02P 3/18 (2006.01)
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C07K 14/705 (2006.01)
A61K 38/00 (2006.01)
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B60L 1/00 (2006.01)
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A61K 31/437 (2006.01)
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A61P 31/18 (2006.01)
A61P 31/20 (2006.01)
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G01P 21/02 (2006.01)
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G05D 27/02 (2006.01)
G05B 13/02 (2006.01)
G05B 19/045 (2006.01)
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G06N 20/00 (2019.01)
G06Q 10/04 (2023.01)
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FOR PRESCRIPTIVE RECOMMEND-
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INTER-DEVICE COMMUNICATION
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C12N 5/071 (2010.01)
A61K 35/30 (2015.01)
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A61K 31/7088 (2006.01)
A61K 48/00 (2006.01)
A61P 43/00 (2006.01)
C12N 1/15 (2006.01)
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C12N 5/10 (2006.01)
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C25B 11/04 (2006.01)
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C25C 3/12 (2006.01)
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B25J 9/10 (2006.01)
G01S 13/02 (2006.01)
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G01N 30/88 (2006.01)
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C07K 14/705 (2006.01)
C12N 5/10 (2006.01)
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A61K 31/712 (2006.01)
A61P 19/02 (2006.01)
A61P 43/00 (2006.01)
G01N 33/53 (2006.01)
C12N 15/57 (2006.01)
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A61P 9/00 (2006.01)
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A61K 31/554 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C07D 487/04 (2006.01)
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E04B 9/18 (2006.01)
E04B 9/22 (2006.01)
E04F 13/08 (2006.01)
E04F 13/21 (2006.01)
E04F 15/08 (2006.01)
E04F 15/20 (2006.01)
F16F 1/373 (2006.01)
F16F 1/376 (2006.01)
F16M 13/00 (2006.01)
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F24F 5/00 (2006.01)
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C07D 237/00 (2006.01)
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A61C 7/00 (2006.01)
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B62J 50/22 (2020.01)
A42B 3/30 (2006.01)
B62J 45/00 (2020.01)
G08B 21/02 (2006.01)
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C07J 31/00 (2006.01)
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C07D 495/06 (2006.01)
A61K 31/35 (2006.01)
A61K 31/381 (2006.01)
A61P 25/18 (2006.01)
A61P 25/20 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
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C07D 491/052 (2006.01)
C07D 493/04 (2006.01)
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A61F 2/01 (2006.01)
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A61M 1/36 (2006.01)
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A23L 5/00 (2016.01)
A23L 33/00 (2016.01)
A23L 33/12 (2016.01)
A61K 9/00 (2006.01)
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A61P 1/12 (2006.01)
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A23L 2/39 (2006.01)
A23L 2/68 (2006.01)
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F16K 1/02 (2006.01)
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E02D 7/16 (2006.01)
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E04G 23/02 (2006.01)
B05D 1/02 (2006.01)
B28C 5/02 (2006.01)
C04B 28/02 (2006.01)
E21D 11/10 (2006.01)
E04G 21/04 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
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G01N 21/27 (2006.01)
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C01D 15/00 (2006.01)
B01D 61/14 (2006.01)
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H04B 7/185 (2006.01)
H04W 40/12 (2009.01)
H04W 40/14 (2009.01)
H04W 40/16 (2009.01)
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 (54) MONITORING SYSTEM AND METHOD BASED ON DIGITAL CONVERTER STATION
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H04N 5/265 (2006.01)
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A61M 16/04 (2006.01)
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C01B 3/44 (2006.01)
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C07C 29/152 (2006.01)

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H04L 5/00 (2006.01)

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2017331256	Aptevo Research and Development LLC	2019203531	Iris Instruments
2017331260	Purdue Research Foundation	2019205134	Dr. Reddy's Laboratories Ltd.
2017336673	Amgen Inc.	2019205179	4C Medical Technologies, Inc.
2017372468	Mayo Foundation for Medical Education and Research	2019205228	Intelligent Agricultural Solutions LLC
2017432728	Eucure (Beijing) Biopharma Co. Ltd.	2019205491	Hanwha Azdel, Inc.
2018203317	EASYQUIP PTY LTD	2019206376	Precision Planting LLC
2018205891	Protalix Ltd.	2019208338	Birya Biotech, Inc.
2018209452	Heidelberg Pharma Research GmbH	2019209409	Galaxy Therapeutics Inc.
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2018222904	Deere & Company	2019215179	Curonix LLC
2018226380	Deere & Company	2019217331	SRI International
2018226449	Joy Global Surface Mining Inc	2019217570	STIMIT AG
2018226884	Exuma Biotech, Corp.	2019217990	Liu, S.
2018240571	President and Fellows of Harvard College	2019218399	TPRX Tech, LLC
2018241189	KETO Pump Technology Services Pty Ltd	2019221514	European Molecular Biology Laboratory
2018251801	The Broad Institute, Inc.; Massachusetts Institute of Technology	2019222670	Inbiose N.V.
		2019224853	1934612 Ontario Inc.
2018256594	Hunter Douglas Industries B.V.	2019227258	Perfetti Van Melle S.p.A.
2018257307	Kyoto University; Takeda Pharmaceutical Company Limited	2019227988	Elicio Therapeutics, Inc.
		2019228390	redT energy (Ireland) Limited
2018258061	National Jewish Health; The Regents of the University of Colorado, a body corporate	2019228625	Epicyphe, Inc.
		2019229250	Evoqua Water Technologies LLC
2018260846	The Boeing Company	2019232735	Centese, Inc.
2018263196	Elixiron Immunotherapeutics (Hong Kong) Limited	2019235644	Traxys Brix Pty Ltd
2018266111	Flagship Pioneering Innovations V, Inc.	2019235920	AECOM
2018275236	Abbott Laboratories	2019237487	Tokuyama Corporation
2018279112	Arc Bio, LLC	2019238099	Medivators Inc.
2018280568	Hyderabad Eye Research Foundation; Hyderabad Eye Institute	2019250606	UEA Enterprises Limited
		2019255506	Maxeon Solar Pte. Ltd.
2018287739	TECHTRONIC CORDLESS GP	2019261437	Allergan, Inc.
2018302668	I'rom Group Co., Ltd.	2019261887	North American Power Products, Inc.; Matyac, M.
2018322378	Pipp Mobile Storage Systems, Inc.	2019267002	Soletanche Freyssinet
2018333114	Lac2biome S.r.l.	2019267798	Sumitomo Metal Mining Co., Ltd.
2018335356	AIT Austrian Institute of Technology GmbH; INDAT Modellbau Werkzeugbau Formenbau GmbH	2019268412	InterK Peptide Therapeutics Limited
		2019270422	BRITA SE
2018338344	Hendrickson USA, L.L.C.	2019270627	RAI Strategic Holdings, Inc.
2018343217	Pfizer Inc.	2019272303	Js Innomed Holdings LTD.
2018347006	ASSA ABLOY Australia Pty Limited	2019274580	The Board of Trustees of the University of Illinois; The Regents of the University of California
2018354423	Plexxikon Inc.		
2018355889	The University of Western Australia	2019274815	Shivanka Research LLC
2018357192	Cardinal Health 529, LLC	2019275354	Smith & Nephew Orthopaedics AG; Smith & Nephew, Inc.
2018360626	BRP GROUP PTY LTD		
2018363276	Aspen Pumps Limited	2019280024	Australian Adjuvants Pty Ltd
2018363996	Ribomic Inc.	2019283314	King's College London; GammaDelta Therapeutics Limited
2018364617	Cosmo Technologies Ltd.		
2018370029	Vertex Pharmaceuticals Incorporated	2019286705	Metso Outotec Finland Oy
2018372578	RetiSpec Inc.	2019287623	Amyl Therapeutics SRL
2018374214	The Trustees of Princeton University	2019288208	Oakbio, Inc.
2018382223	The Australian National University; Griffith University	2019290632	Tronox LLC
2018382479	Technische Universität München	2019293615	Itron Global SARL
2018383731	Bigfoot Biomedical, Inc.	2019294975	Breath Therapeutics GmbH
2018387722	Societe des Produits Nestle S.A.	2019297474	Basic Holdings
2018388635	Applied Medical Resources Corporation	2019297677	Ukko Inc.
2018397478	Galvanize Therapeutics, Inc.	2019298652	Bracco Suisse SA
2018405137	Thinair Surfaces LLC	2019300333	Beta Innov
2018410665	Electrolux do Brasil S.A.	2019301630	24M Technologies, Inc.
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2018424173	Pensmore Reinforcement Technologies, LLC	2019305221	Helixmith Co., Ltd.
2018435114	Metso Outotec Finland Oy	2019306775	BAE SYSTEMS PLC
2018445615	Kone Corporation	2019307508	Becton, Dickinson and Company
2018447397	NTT DOCOMO, INC.	2019309255	Electrolux Appliances Aktiebolag
2018456069	Kimberly-Clark Worldwide, Inc.	2019312416	Evopoint Biosciences Co., Ltd.
2019200708	Aristocrat Technologies Australia Pty Limited	2019314578	Dejero Labs Inc.

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2019317728	Electrolux Appliances Aktiebolag	2020341933	De Nora Permelec Ltd
2019321539	Evoqua Water Technologies LLC	2020367437	Cornell University
2019321678	Amgen Inc.	2020387891	Sound Biopharmaceuticals Co. Ltd.
2019323035	Dizal (Jiangsu) Pharmaceutical Co., Ltd.	2020388499	CJ Cheiljedang Corporation
2019332074	Merkey Medikal Teknoloji Limited Sirketi	2020400022	Davey Bickford
2019332872	Electrolux Appliances Aktiebolag	2020452303	Standard Lithium Ltd.
2019332918	PepsiCo, Inc.	2020455122	Enterobiome Inc.
2019339918	Walnab Pty Ltd	2020460118	AEterna Zentaris GmbH
2019342014	Velano Vascular, Inc.	2021203291	Cava Healthcare Inc.
2019342443	Crown Packaging Technology, Inc.	2021203336	TargImmune Therapeutics AG
2019343035	Becton, Dickinson and Company	2021203755	The Regents of the University of California
2019345098	icometrix NV	2021205059	Illinois Tool Works Inc.
2019345335	Advanced Instrument Pte. Ltd.; Combinati Incorporated	2021210773	Genexine, Inc.
2019345899	Mölnlycke Health Care AB	2021219259	TK Airport Solutions, S.A.
2019352586	Capital One Services, LLC	2021221961	AdvanSix Resins & Chemicals LLC
2019352640	Northern Centre for Advanced Technology Inc.	2021226378	Sharkgulf Technology (Qingdao) Co., Ltd.
2019354418	Corteva Agriscience LLC	2021233771	Montana Microbial Products, LLC
2019354879	Soletanche Freyssinet	2021244352	Baker Hughes Oilfield Operations LLC
2019356502	Locus IP Company, LLC	2021251756	W. L. Gore & Associates, Inc.
2019358450	LimaCorporate S.p.A.	2021257263	Paragon 28, Inc.
2019359130	Hollister Incorporated	2021264421	Eli Lilly and Company
2019359770	Nord-Lock Switzerland GmbH	2021265721	Caterpillar Inc.
2019360755	ESS Tech, Inc.	2021266338	The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.
2019361856	SK Biopharmaceuticals Co., Ltd.	2021266856	Fertin Pharma A/S
2019362050	Senhwa Biosciences, Inc.	2021291644	Changsung Softgel Co.,Ltd
2019362327	EDIX SA	2021293958	Limeway Pharma Design Limited
2019363662	Merck Patent GmbH	2021300831	Rigel Pharmaceuticals, Inc.
2019367006	Evolv Technologies, Inc.	2021311435	Corning Research & Development Corporation
2019370926	Les Laboratoires Servier; Vernalis (R&D) Limited	2021314348	Channel Medsystems, Inc.
2019373456	Rocheway Pty Ltd	2021314836	TotalEnergies OneTech
2019374024	Systems Spray-Cooled, Inc.	2021315664	Nextracker LLC
2019375544	Nexter Systems	2021318201	Arcutis Biotherapeutics, Inc.
2019377241	Bio Minerals NV	2021318826	TotalEnergies OneTech
2019379822	Dentsply Sirona Inc.	2021318878	Rocky Research
2019379955	Klingspor AG	2021325730	Ocado Innovation Limited
2019385531	Caterpillar SARL	2021331187	Res Polyflow LLC
2019387054	B. Braun Melsungen AG	2021336001	LG ELECTRONICS INC.
2019387223	Kimberly-Clark Worldwide, Inc.	2021339091	LUMENIS BE LTD.
2019389199	BASF SE	2021347678	Boston Scientific Scimed, Inc.
2019391296	Industrie De Nora S.p.A.	2021347825	Caelux Corporation
2019392578	Ayoub, C.	2021353303	Xiamen Huison Biotech Co., Ltd
2019396269	Ugochuku, I.	2021353913	The University of Newcastle; PRESIDENT AND FELLOWS OF HARVARD COLLEGE
2019396622	NXT Biomedical, LLC	2021355509	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2019398304	Bitdefender IPR Management Ltd	2021363179	T.G. MEDICAL INC.
2019399929	STL Systems AG	2021382100	TotalEnergies OneTech
2019400859	Geith International Limited	2021383848	PULSE BIOSCIENCES, INC.
2019403126	Covestro LLC	2021390901	LG CHEM, LTD.
2019403987	BAE Systems PLC	2021397034	GLOBAL ENERGY CO., LTD.
2019404395	Parenteral Technologies, LLC	2021401747	THAT CORPORATION
2019407473	Société des Produits Nestlé S.A.	2021407427	ZMAG, LTD.
2019409697	R + D Carbon Ltd.	2021407750	PEKING UNIVERSITY
2019417833	BIOMEA FUSION, INC.	2021415204	SHANGHAI SMARTEE DENTI-TECHNOLOGY CO., LTD.
2019424118	Alva, J.; Alva, V.	2021415514	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2019431297	Kimberly-Clark Worldwide, Inc.	2021415745	I-SENS, INC.; SOGANG UNIVERSITY RESEARCH & BUSINESS DEVELOPMENT FOUNDATION
2019470336	University of Copenhagen	2021416579	HUAWEI TECHNOLOGIES CO., LTD.
2019474152	Vextachem S.R.L.	2021416889	HUAWEI TECHNOLOGIES CO., LTD.
2019474803	Provectus Pharmatech, Inc.; UTI Limited Partnership	2021417051	BOSTON SCIENTIFIC LIMITED
2020204093	Teleflex Life Sciences Unlimited Company; McBurney, D.	2021436754	HANGZHOU APELOA MEDICINE RESEARCH INSTITUTE CO., LTD.; APELOA PHARMACEUTICAL CO., LTD.
2020206584	EXINI Diagnostics AB	2021445984	MITSUBISHI ELECTRIC CORPORATION
2020213638	iQ Energy Inc.	2021470113	PAYPAL, INC.
2020217806	NuVasive Specialized Orthopedics, Inc.	2022200054	Cancer Research Technology Limited
2020219056	Owens-Brockway Glass Container Inc.	2022200288	Novartis AG; The Trustees of the University of Pennsylvania
2020219110	Crown Equipment Corporation		
2020229464	Furrer + Frey AG		
2020245028	Synthes GmbH		
2020259139	Umicore		
2020276155	Raytheon Company		
2020291487	ABL Bio Inc.		
2020295282	MNATSAKANYAN, Mariam		

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2022200678	Audentes Therapeutics, Inc.	2023202700	Epax Norway AS
2022203303	Implantica Patent Ltd	2023202761	Zimmer, Inc.
2022203403	Fraser, M.	2023202923	Action Sports Equipment Pty Ltd
2022204715	BlueScope Steel Limited	2023203052	ZTE Corporation
2022205259	BEDGEAR, LLC	2023203612	Syngenta Crop Protection AG
2022206052	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2023203749	Tencent America LLC
2022206710	LG ELECTRONICS INC.	2023203803	Tencent America LLC
2022206814	The Procter & Gamble Company	2023203848	Trading Technologies International, Inc.
2022210153	HUAWEI TECHNOLOGIES CO., LTD.	2023203941	YETI Coolers, LLC
2022210285	BAKER HUGHES OILFIELD OPERATIONS LLC	2023204385	Atlas Copco Airpower, Naamloze Vennootschap
2022211900	Syqe Medical Ltd.	2023204585	Full Circle International, Inc.; Annis, K.
2022212940	STERILE STATE LLC	2023204647	Apple Inc.
2022219047	ZIMMER BIOMET CMF AND THORACIC, LLC	2023208185	Acer Incorporated
2022219108	BOSTON SCIENTIFIC NEUROMODULATION COR- PORATION	2023210648	EpinovaTech AB
2022219934	GILEAD SCIENCES, INC.	2023214316	HONEYWELL INTERNATIONAL INC.
2022221432	Buffalo Filter LLC	2023214320	Boston Scientific Scimed, Inc.
2022221554	AMO Development, LLC	2023216836	Boston Scientific Scimed, Inc.
2022226866	SIMPLE TOOLS AS	2023216879	FISHER & PAYKEL HEALTHCARE LIMITED
2022229375	BOSTON SCIENTIFIC SCIMED, INC.	2023222118	LIPOTRUE, S.L.
2022230618	BAOSHAN IRON & STEEL CO., LTD.	2023226679	ATLAS ELEKTRONIK GmbH; thyssenkrupp AG
2022235595	Federal Cartridge Company	2023248070	Boston Scientific Scimed Inc
2022235619	Lashify, Inc.	2023250794	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2022241370	TRANSPORT FOR NSW	2023274114	The Procter & Gamble Company
2022241524	Alcon Inc.	2023274243	Encore Medical, L.P. (d/b/a DJO Surgical)
2022241611	Becton, Dickinson and Company	2023275017	Plum Safety ApS
2022243295	SUNGROW POWER SUPPLY CO., LTD.	2023280943	LANZHOU INSTITUTE OF ANIMAL HUSBANDRY AND VETERINARY MEDICINE, CHINESE ACADEMY OF AGRICULTURAL SCIENCES
2022246480	Duke University	2023296339	STATE GRID CORPORATION OF CHINA; STATE GRID ECONOMIC AND TECHNOLOGICAL RE- SEARCH INSTITUTE CO., LTD; NR ELECTRIC CO., LTD.; XJ GROUP CORPORATION; NARI TECHNO- LOGY CO.LTD; BEIJING SGITG ACCENTURE IN- FORMATION TECHNOLOGY CENTER CO., LTD.; HUAWEI TECHNOLOGY CO., LTD
2022251503	SHUJING BIOPHARMA CO., LTD; JIANGSU NHWA PHARMACEUTICAL CO., LTD	2024204163	BMSA ANCHORING SYSTEMS PTY LTD
2022252720	Aier Eye Hospital Group Co. Ltd	2024204441	Freeport Minerals Corporation
2022253263	INTEGRITY ORTHOPAEDICS, INC.	2024204967	Guangzhou Medical University
2022258486	ITM ISOTOPE TECHNOLOGIES MUNICH SE	2024216701	FILLER, E.W.
2022259817	Regeneron Pharmaceuticals, Inc.	2024219436	SodaStream Industries Ltd.
2022262777	CHONG KUN DANG PHARMACEUTICAL CORP.		
2022263571	Allergan Industrie, SAS		
2022265744	THAT CORPORATION		
2022268350	Regeneron Pharmaceuticals, Inc.		
2022268389	Silk Road Medical, Inc.		
2022269291	FRONIUS INTERNATIONAL GMBH		
2022273226	HITACHI, LTD.		
2022275489	DSI Underground Australia Pty Limited		
2022283641	Getac Technology Corporation		
2022283758	Angel Group Co., Ltd.		
2022287596	Advanced Elemental Technologies, Inc.		
2022298639	GILEAD SCIENCES, INC.		
2022315724	SOUND FUN CORPORATION		
2022327109	NETSCOUT SYSTEMS TEXAS, LLC		
2022331468	CATERPILLAR INC.		
2022387671	AXENT BIOSCIENCES INC.		
2022405382	CHINA ELECTRIC POWER RESEARCH INSTITUTE		
2022413033	BRANDENBURGER LINER GMBH & CO. KG		
2022434174	ZENITHINGS SHENZHEN CO., LTD.		
2022451580	NOVOSTAR PHARMACEUTICALS, LTD.		
2022453197	SINO IRON HOLDINGS PTY LTD		
2023200010	i-SENS, Inc.		
2023200834	Snap-on Incorporated		
2023201036	HONEYWELL INTERNATIONAL INC.		
2023201337	Getac Technology Corporation		
2023201379	Komatsu Ltd.		
2023201615	Becton, Dickinson and Company		
2023201716	Société des Produits Nestlé S.A.		
2023201835	Forrai, S.		
2023201958	ESCO Group LLC		
2023202117	Vorwerk & Co. Interholding GmbH		
2023202301	Tencent America LLC		
2023202326	HANGZHOU NORMAL UNIVERSITY QIANJIANG COLLEGE		
2023202358	Eisai R&D Management Co., Ltd.		
2023202633	Capital One Services, LLC		

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<u>A01B 1 /-</u>	2019474152	2019407473	<u>A47L 5 /-</u>	<u>A61C 13 /-</u>	2018363996
2018360626	<u>A01N 43 /-</u>	<u>A24B 15 /-</u>	2018287739	2019379822	2018364617
<u>A01B 79 /-</u>	2022200678	2019218399	<u>A47L 9 /-</u>	<u>A61C 15 /-</u>	2018382223
2019212971	<u>A01N 57 /-</u>	<u>A24F 1 /-</u>	2018287739	2022434174	2019205134
<u>A01C 1 /-</u>	2019280024	2019270627	<u>A61B 1 /-</u>	<u>A61C 3 /-</u>	2019227988
2018335356	<u>A01N 63 /-</u>	<u>A24F 47 /-</u>	2019238099	2019379822	2019272303
<u>A01C 15 /-</u>	2019356502	2019218399	2021347678	<u>A61C 7 /-</u>	2019274580
2019205228	<u>A01P 1 /-</u>	<u>A41G 5 /-</u>	2021417051	2021415204	2019274815
2019206376	2019474152	2022235619	2022221432	<u>A61F 13 /-</u>	2019300333
<u>A01C 23 /-</u>	<u>A23B 4 /-</u>	<u>A42B 3 /-</u>	2022229375	2018456069	2019312416
2018226380	2019424118	2021226378	2023216836	2019345899	2019323035
2019206376	<u>A23G 3 /-</u>	<u>A45B 17 /-</u>	<u>A61B 17 /-</u>	2019387223	2019361856
2019212971	2019227258	2022203403	2018388635	2019431297	2019362050
<u>A01C 5 /-</u>	<u>A23K 10 /-</u>	<u>A45B 19 /-</u>	2019209409	<u>A61F 15 /-</u>	2019387054
2019206376	2019288208	2022203403	2020245028	2023275017	2019396622
<u>A01C 7 /-</u>	2021353303	<u>A45B 23 /-</u>	2021257263	<u>A61F 2 /-</u>	2019407473
2019205228	<u>A23K 20 /-</u>	2022203403	2022219047	2018357192	2019417833
2019206376	2021353303	2022203403	2022221432	2019205179	2021203336
<u>A01F 15 /-</u>	2023203612	<u>A45D 2 /-</u>	2022229375	2019358450	2021203755
2018222904	<u>A23K 50 /-</u>	2022203403	2022253263	2021251756	2021233771
<u>A01G 25 /-</u>	2019288208	<u>A47C 21 /-</u>	2023202761	2021363179	2021266856
2018226380	2021353303	2022205259	202221554	2022203303	2021293958
<u>A01G 31 /-</u>	<u>A23L 2 /-</u>	<u>A47C 27 /-</u>	<u>A61B 18 /-</u>	2022241524	2021300831
2018322378	2023201716	2018405137	2018397478	2022268389	2021318201
<u>A01G 7 /-</u>	<u>A23L 21 /-</u>	<u>A47F 3 /-</u>	2019275354	2023202761	2021390901
2018322378	2017239498	2019332918	2021314348	2023274243	2021436754
<u>A01G 9 /-</u>	<u>A23L 25 /-</u>	<u>A47F 5 /-</u>	2021383848	<u>A61F 5 /-</u>	2022200288
2018322378	2017239498	2023200834	2022221554	2019359130	2022200678
<u>A01H 6 /-</u>	<u>A23L 29 /-</u>	<u>A47G 19 /-</u>	<u>A61B 3 /-</u>	2022203303	2022219934
2019297677	2017239498	2019404395	2018372578	2022241524	2022246480
<u>A01K 67 /-</u>	<u>A23L 3 /-</u>	<u>A47J 27 /-</u>	2022252720	2022268389	2022251503
2021353303	2019424118	2023202117	<u>A61B 34 /-</u>	2023202761	2022262777
2022268350	<u>A23L 33 /-</u>	<u>A47J 31 /-</u>	2019396269	2023274243	2022298639
<u>A01M 7 /-</u>	2019407473	2018387722	2020245028	<u>A61F 9 /-</u>	2022451580
2018226380	2020455122	<u>A47J 36 /-</u>	<u>A61B 5 /-</u>	2021339091	2023201716
<u>A01N 25 /-</u>	<u>A23L 35 /-</u>	2023202117	2018372578	<u>A61K 33 /-</u>	2023202358
2019280024	2021233771	<u>A47J 43 /-</u>	2019342014	2019261437	2023202700
2019356502	<u>A23L 5 /-</u>	2023202117	2019396622	2022203303	2024204967
<u>A01N 35 /-</u>			2022229375	<u>A61F 9 /-</u>	
			2023200010	2021339091	<u>A61K 35 /-</u>
			2023202326	2021339091	2018258061
			<u>A61B 8 /-</u>	<u>A61G 7 /-</u>	2018280568
			2019211242	2018405137	2018333114
			2023216836	2022205259	2018370029
			<u>A61B 90 /-</u>	2023202326	2020455122
			2021339091	<u>A61H 31 /-</u>	2021203291
			2022229375	2019217570	2022200288
			2022253263	<u>A61J 1 /-</u>	<u>A61K 38 /-</u>
				2018383731	2017372468
				<u>A61J 7 /-</u>	2018205891
				2019404395	2018370029
				<u>A61K 31 /-</u>	2019268412
				2017331260	2019287623
				2018302668	2019294975
				2018354423	2019297677
					2019470336
					2021203291
					2021210773
					2021233771

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<u>A61K 39 /-</u>	2019407473 2021266856 2021293958 2021318201 2021353913 2021390901	<u>A61N 1 /-</u>	2019221514 2019261437 2019363662 2020387891 2022298639 2024204967	<u>A61Q 19 /-</u>	2019389199
2017331256 2017331260 2017432728 2018217441 2018263196 2018343217 2020291487 2020387891 2021210773 2021266338	<u>A61L 24 /-</u>	2019215179 2019217570 2021355509 2022219108	2021293958 2023222118		<u>B23K 101 /-</u>
<u>A61K 45 /-</u>	2017372468 2021353913	<u>A61N 2 /-</u>	<u>A61P 35 /-</u>	2019352640	2019342443
2018354423 2019396622 2019407473	<u>A61L 27 /-</u>	2019217570	2017432728 2018354423 2019272303 2019274815 2019312416 2019363662 2019370926 2020301289 2020387891 2021203291 2021203755 2021266338 2021436754 2022200288 2022246480 2022262777 2022298639 2022451580 2023202358	<u>A63B 5 /-</u>	<u>B23K 26 /-</u>
<u>A61K 47 /-</u>	2020204093	2019474803	2019352640	2023202923	2021347825
2018209452 2018266111 2019268412 2019287623 2019300333 2019305221 2019387054 2019474803 2020301289 2021203336 2021266856 2021293958	<u>A61M 1 /-</u>	<u>A61N 5 /-</u>	<u>A63F 1 /-</u>	2022283758	<u>B23K 31 /-</u>
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<u>A61K 48 /-</u>	<u>A61L 29 /-</u>	<u>A61P 1 /-</u>	2022283758	2022283758	<u>B23K 37 /-</u>
2018226884 2018302668 2019305221 2020367437 2022200678	2020204093	2018333114 2019407473 2020455122	<u>B01D 35 /-</u>	2019224853	2019342443
<u>A61K 49 /-</u>	<u>A61M 1 /-</u>	<u>A61P 11 /-</u>	2019224853	<u>B01D 46 /-</u>	<u>B23P 19 /-</u>
2019298652 2021203755	2019232735 2022268389	2019294975 2019396622 2023201716	<u>B01D 46 /-</u>	2022221432	2019359770
<u>A61K 51 /-</u>	<u>A61M 11 /-</u>	<u>A61P 17 /-</u>	<u>B01D 53 /-</u>	2023204385	<u>B23Q 1 /-</u>
2018382479 2019474803 2022258486	2022211900	2019205134 2021210773 2021293958	2022221432	<u>B01D 61 /-</u>	2019379822
<u>A61K 8 /-</u>	<u>A61M 15 /-</u>	<u>A61P 19 /-</u>	<u>B01D 61 /-</u>	2019229250 2020341933 2020452303	<u>B24B 23 /-</u>
2019261437 2019377241 2021266856 2021293958 2022206814 2023222118 2023274114	2022211900	2018363996 2021390901 2022219934	2023204585	<u>B01J 8 /-</u>	<u>B24B 27 /-</u>
<u>A61K 9 /-</u>	<u>A61M 16 /-</u>	<u>A61P 25 /-</u>	2023204385	2021314836 2021318826	2019379955
2018333114 2018354423 2018364617 2019261437 2019294975 2019300333 2019305221 2019377241 2019387054	2019217570 2022211900 2023216879	2019305221 2019361856 2020291487 2020367437 2021264421 2021300831 2022251503	<u>B01D 53 /-</u>	<u>B02C 17 /-</u>	<u>B24D 15 /-</u>
	<u>A61M 18 /-</u>	<u>A61P 29 /-</u>	2023204385	2024204441	2023204585
	<u>A61M 25 /-</u>	2018263196 2019272303 2020455122 2021300831 2022219934 2022262777	<u>B02C 17 /-</u>	<u>B03D 1 /-</u>	<u>B24D 5 /-</u>
	<u>A61M 27 /-</u>	<u>A61P 39 /-</u>	2023204385	2018435114	2019379955
	<u>A61M 29 /-</u>	2018370029 2019470336	<u>B03D 103 /-</u>	<u>B05B 1 /-</u>	<u>B25B 29 /-</u>
	<u>A61M 39 /-</u>	<u>A61P 43 /-</u>	2018435114	2018226380 2019270422	2019359770
	2019232735	2018302668 2018363996 2018382223	<u>B05B 15 /-</u>	<u>B05D 1 /-</u>	<u>B25H 1 /-</u>
	<u>A61M 39 /-</u>	<u>A61P 5 /-</u>	2018435114	2018226380	2018260846
	2022268389	2018370029 2019470336	<u>B05B 1 /-</u>	2019270422	<u>B25J 9 /-</u>
	<u>A61M 39 /-</u>	<u>A61P 9 /-</u>	2018226380	<u>B05B 15 /-</u>	2020276155
	2019238099 2019307508 2019343035 2022241611	2019305221 2021300831 2022219934	2019270422	<u>B05D 1 /-</u>	<u>B28C 5 /-</u>
	<u>A61M 5 /-</u>	<u>A61P 3 /-</u>	<u>B05B 15 /-</u>	2018226380	2019354879
	2022268389	2018370029 2019470336 2020455122 2022219934	<u>B29C 45 /-</u>	2018226380	2019270422
	<u>A61M 39 /-</u>	<u>A61P 31 /-</u>	2019270422	<u>B05D 1 /-</u>	<u>B29C 64 /-</u>
	2019238099 2019307508 2019343035 2022241611	2018217441 2018263196 2018382223	<u>B07B 1 /-</u>	2019354879	2019203404
	<u>A61M 5 /-</u>	<u>A61P 31 /-</u>	2019286705 2019403126	<u>B22F 9 /-</u>	<u>B29C 65 /-</u>
	2023248070	2018217441 2018263196 2018382223	2019403126		2019403126

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2019270422	2019385531	2024219436	2021436754 2022451580	<u>C07H 15/-</u>	<u>C09K 3/-</u>
<u>B30B 1/-</u>	<u>B61L 1/-</u>	<u>B67D 7/-</u>	<u>C07D 403/-</u>	2019222670 2021407750	2019267798
2018203317	2022241370	2019339918	2022451580	<u>C07J 31/-</u>	<u>C10B 45/-</u>
<u>B30B 9/-</u>	<u>B62B 3/-</u>	<u>C01B 3/-</u>	<u>C07D 405/-</u>	2019274815	2021331187
2018203317	2019332074	2021314836 2021318826	2019312416 2019323035	<u>C07K 14/-</u>	<u>C10B 49/-</u>
<u>B32B 11/-</u>	<u>B62J 45/-</u>	<u>C01B 32/-</u>	<u>C07D 407/-</u>	2018226884 2018343217 2018370029 2019283314 2019287623 2019297677 2020367437 2021203291 2021210773 2022268350 2023222118	2021331187
2019205491	2021226378	2019321539	2023202358	<u>C07D 409/-</u>	<u>C10B 5/-</u>
<u>B32B 21/-</u>	<u>B62J 50/-</u>	<u>C01D 15/-</u>	<u>C07D 409/-</u>	2019323035	2021331187
2019205491	2021226378	2020452303	2019323035	<u>C07D 413/-</u>	<u>C10B 57/-</u>
<u>B32B 27/-</u>	<u>B63G 9/-</u>	<u>C01G 41/-</u>	2019312416	<u>C07D 413/-</u>	2020213638
2019205491	2019399929	2019267798		<u>C07D 413/-</u>	<u>C10G 9/-</u>
<u>B32B 3/-</u>	<u>B64F 1/-</u>	<u>C02F 1/-</u>		<u>C07D 471/-</u>	2021318826
2019205491	2021219259	2019224853 2019229250 2019280024 2019321539 2020341933	2019354418 2019363662 2021436754 2022298639	<u>C07D 471/-</u>	<u>C10L 3/-</u>
<u>B32B 5/-</u>	<u>B65D 45/-</u>				2020213638
2019205491	2023203941	2019224853	2019362050 2021300831 2022262777		
<u>B32B 7/-</u>	<u>B65D 47/-</u>	<u>C02F 3/-</u>	<u>C07D 487/-</u>	2017331256 2017336673 2017432728 2018209452 2018213823 2018263196 2018343217 2020291487 2020387891 2021203336 2021203755 2021264421	<u>C11B 3/-</u>
2019205491	2019404395	2019224853	2022251503		2023202700
<u>B33Y 10/-</u>	<u>B65D 51/-</u>	<u>C02F 5/-</u>	<u>C07D 491/-</u>	<u>C07K 16/-</u>	<u>C11C 1/-</u>
2019203404	2023203941	2019280024	2022251503		2023202700
<u>B60B 35/-</u>	<u>B65D 81/-</u>	<u>C03C 17/-</u>	<u>C07D 491/-</u>	<u>C07K 17/-</u>	<u>C12M 1/-</u>
2018338344	2023203941	2019267798	2022251503		2019288208
<u>B60D 1/-</u>	<u>B65D 83/-</u>	<u>C04B 14/-</u>	<u>C07D 493/-</u>	2021203336	<u>C12M 3/-</u>
2019201105	2023275017	2018424173	2022251503	<u>C07K 7/-</u>	2017372468
<u>B60G 9/-</u>	<u>B65F 3/-</u>	<u>C04B 28/-</u>	<u>C07D 495/-</u>	2019268412 2019470336 2023222118	<u>C12N 1/-</u>
2018338344	2018203317	2019354879	2019272303 2022219934 2022251503	<u>C08G 69/-</u>	2018302668 2019288208 2020455122
<u>B60L 1/-</u>	<u>B65G 1/-</u>	<u>C07C 235/-</u>	<u>C07D 498/-</u>	2021221961	<u>C12N 15/-</u>
2023201337	2021325730	2019417833	2021300831 2022262777	<u>C08J 11/-</u>	2017432728 2018226884 2018240571 2018251801 2018258061 2018263196 2018266111 2018279112 2018302668 2018363996 2019297677 2020367437 2020387891 2020388499 2021203336 2022268350 2023203612 2023280943
<u>B60M 1/-</u>	<u>B65G 11/-</u>	<u>C07C 29/-</u>	<u>C07D 513/-</u>	2019403126	
2020229464	2022453197	2021382100	2021300831 2022262777	<u>C08K 3/-</u>	
<u>B60N 3/-</u>	<u>B65G 53/-</u>	<u>C07D 231/-</u>	<u>C07D 519/-</u>	2019403126	
2022206710	2024204441	2019274580	2019363662 2022298639	<u>C08L 77/-</u>	
<u>B60R 1/-</u>	<u>B66B 1/-</u>	<u>C07D 237/-</u>	<u>C07F 15/-</u>	2021221961	
2023201379	2018445615	2019362050	2021415745	<u>C09C 1/-</u>	
<u>B60R 16/-</u>	<u>B66C 1/-</u>	<u>C07D 313/-</u>	<u>C07H 1/-</u>	2019290632	
2023201337	2021205059	2023202358		<u>C09C 3/-</u>	
<u>B60T 13/-</u>	<u>B66C 7/-</u>	<u>C07D 401/-</u>		2019290632	
2019385531	2021325730	2019312416 2019323035 2019370926	2019222670 2021407750	<u>C09K 17/-</u>	<u>C12N 5/-</u>
<u>B60T 17/-</u>	<u>B67D 1/-</u>			2019356502	2017372468

Applications Accepted - IPC Index cont'd

2018209452	<u>C22C 38 /-</u>	2023201379	<u>E04H 1 /-</u>	2022331468	<u>F24F 5 /-</u>
2018226884					
2018257307	2022230618	<u>E02F 9 /-</u>	2022204715	<u>F04B 39 /-</u>	2021318878
2018266111					
2018280568	<u>C25B 1 /-</u>	2021265721	<u>E04H 15 /-</u>	2018363276	<u>F25B 40 /-</u>
2018302668		2023201379		2023204385	
2018370029	2019391296	2023201958	2022203403		2018410665
2021203291	2021315664			<u>F04B 49 /-</u>	
2022200288		<u>E03C 1 /-</u>	<u>E05B 13 /-</u>		<u>F25B 49 /-</u>
2022268350	<u>C25B 11 /-</u>	2019270422	2018347006	2022331468	2022206710
2022387671	2019391296	2021314348		<u>F04C 29 /-</u>	
	2023250794		<u>E05B 47 /-</u>	2018226449	<u>F25C 1 /-</u>
<u>C12N 7 /-</u>		<u>E03F 3 /-</u>	2018347006	2023204385	2023201835
2022200678	<u>C25B 9 /-</u>	2022413033			
	2021315664	<u>E04B 1 /-</u>	<u>E05B 63 /-</u>	<u>F04D 1 /-</u>	<u>F25D 11 /-</u>
<u>C12N 9 /-</u>		2019373456	2018347006	2018241189	2018411065
2018205891	<u>C25C 3 /-</u>	2022204715			
2018251801	2019409697	2024216701	<u>E06B 9 /-</u>	<u>F16B 1 /-</u>	<u>F25D 17 /-</u>
2020388499			2018256594	2019359770	2018410665
2023203612	<u>C40B 40 /-</u>	<u>E04B 2 /-</u>			2018411065
<u>C12P 13 /-</u>	2021203755		<u>E21B 23 /-</u>	<u>F16B 31 /-</u>	
2020388499	<u>D04H 1 /-</u>	2019373456			<u>F25D 23 /-</u>
			2022226866	2019359770	
<u>C12P 19 /-</u>	2019387223	<u>E04B 5 /-</u>	<u>E21B 29 /-</u>	<u>F16C 17 /-</u>	2019332918
2023201615		2022204715			2022206710
	<u>D06F 35 /-</u>	2024216701	2021244352	2023248070	<u>F25D 25 /-</u>
<u>C12Q 1 /-</u>	2021336001	<u>E04B 9 /-</u>	<u>E21B 33 /-</u>	<u>F16C 23 /-</u>	2019332918
2018251801					
2018355889	<u>D06F 58 /-</u>	2019373456	2022226866	2023248070	<u>F25D 29 /-</u>
2019228625	2021336001	<u>E04C 2 /-</u>	<u>E21B 34 /-</u>	<u>F16C 27 /-</u>	2018411065
2021415745					2022206710
2022200054	<u>D06F 73 /-</u>	2019403126	2022210285	2023248070	
2023201615		2024216701			<u>F25D 31 /-</u>
2023280943	2021336001	<u>E04C 3 /-</u>	<u>E21B 43 /-</u>	<u>F16F 1 /-</u>	2018411065
<u>C12R 1 /-</u>	<u>D21H 17 /-</u>		2022210285	2019373456	
2020455122	2019290632	2022204715	<u>E21B 7 /-</u>	<u>F16K 1 /-</u>	<u>F27B 21 /-</u>
<u>C13K 1 /-</u>	<u>E02D 13 /-</u>	<u>E04D 3 /-</u>	2021244352	2024219436	2019235644
2019222670	2019267002	2024216701	<u>E21D 11 /-</u>	<u>F16L 11 /-</u>	<u>F27B 3 /-</u>
<u>C21D 8 /-</u>	<u>E02D 27 /-</u>	<u>E04F 13 /-</u>	2019354879	2022413033	2019374024
2022230618	2024204163	2019373456	2022275489		<u>F27D 27 /-</u>
	2024216701	<u>E04F 15 /-</u>	<u>E21D 21 /-</u>	<u>F16L 55 /-</u>	
<u>C22B 1 /-</u>				2022413033	2021407427
2018417716	<u>E02D 29 /-</u>	2019373456	2022275489		<u>F27D 9 /-</u>
2019235644	2022413033	<u>E04G 21 /-</u>	<u>F01D 25 /-</u>	<u>F16M 13 /-</u>	2019374024
2020259139				2019373456	
	<u>E02D 5 /-</u>	2019354879	2019359770		<u>F28D 20 /-</u>
<u>C22B 15 /-</u>	2019267002	2019392578	<u>F01M 5 /-</u>	<u>F17C 1 /-</u>	2019306775
2018417716	2024204163	2021205059		2024219436	
		<u>E04G 23 /-</u>	2019306775		<u>F28F 13 /-</u>
<u>C22B 3 /-</u>	<u>E02D 7 /-</u>	2019354879	<u>F03D 13 /-</u>	<u>F24D 10 /-</u>	2019306775
2018417716	2019267002			2019297474	
2019389199		<u>E04G 3 /-</u>	2021397034		<u>F28F 27 /-</u>
2020259139	<u>E02F 3 /-</u>	2019392578	<u>F03D 3 /-</u>	<u>F24D 19 /-</u>	2019306775
<u>C22B 7 /-</u>	2019400859			2019297474	
2019235644	2021265721	<u>E04G 5 /-</u>	2021397034		<u>F41A 23 /-</u>
2019389199	2023201958		<u>F04B 11 /-</u>	<u>F24F 13 /-</u>	2019375544
	<u>E02F 5 /-</u>	2019392578		2021445984	
			2018363276		

Applications Accepted - IPC Index cont'd

<u>F41A 25/-</u>	<u>G01M 17/-</u>	<u>G01R 33/-</u>	2019200708 2021470113 2023203848	<u>G09B 19/-</u>	<u>H01M 10/-</u>
2019375544	2022241370	2019367006		2019352640	2019301630 2019360755 2020259139
<u>F41A 27/-</u>	<u>G01M 3/-</u>	<u>G01S 13/-</u>	<u>G06F 17/-</u>	<u>G09B 23/-</u>	
2019375544	2020219056	2020276155	2020295282	2018388635	<u>H01M 4/-</u>
<u>F42B 10/-</u>	<u>G01M 7/-</u>	<u>G01S 15/-</u>	<u>G06F 21/-</u>	<u>G09B 9/-</u>	2019301630 2023250794
2019403987	2022275489	2023226679	2018445615 2019352586 2019398304 2022287596	2020295282	<u>H01M 6/-</u>
<u>F42B 12/-</u>	<u>G01N 1/-</u>	<u>G01S 5/-</u>		<u>G10K 11/-</u>	2020259139
2019403987	2018335356 2018355889	2005202104		2023226679	<u>H01M 8/-</u>
<u>F42B 21/-</u>		<u>G01S 7/-</u>	<u>G06F 3/-</u>	<u>G16B 25/-</u>	
2019403987	<u>G01N 11/-</u>	2020276155 2023226679	2020295282 2023204647	2019250606	2019228390 2023250794
<u>F42B 3/-</u>	<u>G01N 21/-</u>	<u>G01V 3/-</u>	<u>G06F 9/-</u>	<u>G16B 40/-</u>	<u>H01R 13/-</u>
2020400022	2018355889 2019217331 2019345335 2021291644	2018360626 2019367006	2021415514 2023202633	2019250606	2019332872
<u>F42B 30/-</u>			<u>G06N 20/-</u>	<u>G16H 20/-</u>	<u>H01R 3/-</u>
2019403987		<u>G02B 1/-</u>	2023201036	2018383731 2020245028	2019203531
<u>F42B 7/-</u>	<u>G01N 3/-</u>	2019237487	<u>G06Q 10/-</u>	<u>G16H 30/-</u>	<u>H01R 31/-</u>
2022235595	2022275489	<u>G02B 5/-</u>	2023201036	2020245028	2019332872
<u>F42C 13/-</u>	<u>G01N 30/-</u>	2019237487 2019267798	<u>G06Q 20/-</u>	<u>G16H 40/-</u>	<u>H02H 9/-</u>
2019403987	2022259817		2023202633	2018383731	2019261887
<u>F42C 3/-</u>	<u>G01N 31/-</u>	<u>G02B 6/-</u>	<u>G06Q 40/-</u>	<u>G16H 50/-</u>	<u>H02J 13/-</u>
2019403987	2022212940	2021311435	2019217990 2023203848	2020245028 2020295282	2019332872
<u>F42C 5/-</u>	<u>G01N 33/-</u>	<u>G02C 7/-</u>			<u>H02J 3/-</u>
2019403987	2018275236 2018355889 2018363996 2018424173 2019228625 2020460118 2021203291 2021203755 2021264421 2022212940 2023201615	2019237487	<u>G06T 19/-</u>	<u>H01B 1/-</u>	2021315664 2022243295 2022269291 2022405382
<u>F42C 7/-</u>		<u>G05B 13/-</u>	2020245028	2023250794	
2019403987		2023201036		<u>H01B 13/-</u>	<u>H02J 7/-</u>
<u>F42C 9/-</u>		<u>G05B 19/-</u>	<u>G06T 3/-</u>	2023250794	
2019403987		2019302564 2023201036 2023214316	2023214320		2019360755 2021315664 2023201337
<u>F42D 1/-</u>		<u>G05B 23/-</u>	<u>G06T 7/-</u>	<u>H01C 7/-</u>	
2020400022	<u>G01N 35/-</u>	2023201036 2023214316	2019345098 2020206584	2019261887	<u>H02M 1/-</u>
<u>G01B 5/-</u>			<u>G07C 9/-</u>	<u>H01F 13/-</u>	2019309255
2018424173	2018335356 2021291644	<u>G05D 1/-</u>	2018347006	2019399929	<u>H02M 5/-</u>
<u>G01F 1/-</u>	<u>G01N 9/-</u>	2020219110	<u>G07F 17/-</u>	<u>H01L 21/-</u>	2019309255
2019302564	2019235920	<u>G05D 27/-</u>	2019200708	2018374214 2023210648	<u>H02M 7/-</u>
<u>G01F 11/-</u>	<u>G01P 21/-</u>	2023201036	<u>G07F 7/-</u>	<u>H01L 23/-</u>	2019203531 2022269291
2019404395	2022273226	<u>G05D 7/-</u>	2019352586 2023202633	2022283641	<u>H02P 3/-</u>
<u>G01F 19/-</u>	<u>G01P 3/-</u>	2019302564	<u>G08B 21/-</u>	<u>H01L 29/-</u>	2019309255
2019404395	2022273226	<u>G06F 1/-</u>	2019200708 2019261887 2021226378	2023210648	<u>H04B 15/-</u>
<u>G01L 5/-</u>	<u>G01P 7/-</u>	2019306775		<u>H01L 31/-</u>	2010214755
2019385531	2022273226	<u>G06F 16/-</u>		2019255506 2021347825	<u>H04B 7/-</u>

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2010214755	<u>H04R 5 /-</u>
2019301682	
	2022265744
<u>H04J 3 /-</u>	
	<u>H04R 7 /-</u>
2021401747	
	2022315724
<u>H04L 12 /-</u>	
	<u>H04R 9 /-</u>
2019293615	
	2022315724
<u>H04L 41 /-</u>	
	<u>H04S 3 /-</u>
2018445615	
	2022265744
<u>H04L 45 /-</u>	
	<u>H04S 5 /-</u>
2019314578	
	2022265744
<u>H04L 47 /-</u>	
	<u>H04W 12 /-</u>
2019314578	
	2021416579
<u>H04L 5 /-</u>	2021416889
2023203052	<u>H04W 16 /-</u>
<u>H04L 65 /-</u>	2018447397
2023296339	<u>H04W 24 /-</u>
<u>H04L 67 /-</u>	2022327109
2018445615	<u>H04W 28 /-</u>
<u>H04L 9 /-</u>	2023296339
2019352586	<u>H04W 36 /-</u>
2022210153	
	2021416889
<u>H04N 19 /-</u>	2022206052
2019315029	<u>H04W 4 /-</u>
2023202301	
2023203749	2019314578
2023203803	2023202633
	2023208185
<u>H04N 21 /-</u>	
	<u>H04W 40 /-</u>
2021401747	
	2019301682
<u>H04N 5 /-</u>	2019314578
2023296339	<u>H04W 64 /-</u>
<u>H04N 7 /-</u>	2022327109
2023203803	<u>H04W 72 /-</u>
2023296339	
	2018447397
<u>H04N 9 /-</u>	2023208185
2023203803	<u>H04W 88 /-</u>
<u>H04Q 9 /-</u>	2021416579
2020217806	<u>H05B 6 /-</u>
<u>H04R 1 /-</u>	2019317728
2022315724	<u>H05K 7 /-</u>
<u>H04R 27 /-</u>	2019306775
	2022283641
2022265744	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018310743 **Pact Group Industries (ANZ) Pty Ltd** (A&J Australia Pty Ltd)
- 2018361802 **Expro North Sea Limited** (Metrol Technology Limited)
- 2022283701 **Hanwha Corporation** (Dyno Nobel Asia Pacific Pty Limited)

Opposition Withdrawn

- 2022209326 **Superior Power Tool Co., Ltd.** (Cooper IP Pty Ltd)

Patents Granted

Standard Patents

2017238300	2017247880	2017254106	2017256774
2017270027	2017279736	2017321863	2017343377
2017352591	2017376801	2017380099	2017382281
2017420127	2018200807	2018203246	2018203931
2018204382	2018205103	2018215245	2018222453
2018235021	2018240416	2018244449	2018249817
2018253025	2018254485	2018254584	2018259206
2018260821	2018260824	2018265531	2018267611
2018269497	2018269543	2018269656	2018271991
2018277310	2018277504	2018280264	2018280870
2018282020	2018282104	2018284104	2018286483
2018286637	2018287094	2018293413	2018293909
2018294504	2018295515	2018296004	2018297986
2018301320	2018304534	2018304704	2018307969
2018308716	2018312099	2018313122	2018315503
2018321939	2018323556	2018324360	2018328049
2018328142	2018331397	2018334198	2018334226
2018335382	2018337727	2018340866	2018341924
2018342089	2018346278	2018346876	2018346995
2018348092	2018350770	2018351687	2018357084
2018366053	2018370761	2018372804	2018378809
2018382539	2018384707	2018386717	2018388395
2018389222	2018389953	2018391325	2018391673
2018397071	2018401777	2018413277	2018422709
2018424863	2018434917	2018455220	2019200382
2019202233	2019202419	2019202421	2019203065
2019203142	2019203401	2019204070	2019206435
2019209450	2019212338	2019213692	2019217366
2019217863	2019218392	2019219295	2019221553
2019222806	2019225908	2019228344	2019228913
2019231662	2019233508	2019236631	2019244348
2019245399	2019245440	2019247705	2019249468
2019250451	2019251767	2019252312	2019253420
2019254266	2019254487	2019256582	2019256619
2019257147	2019260291	2019262016	2019263235
2019263302	2019264448	2019268260	2019268408
2019268675	2019270394	2019271131	2019274932
2019275577	2019276992	2019277095	2019277217
2019277256	2019278786	2019279894	2019282189
2019285176	2019289788	2019289986	2019290138
2019291267	2019295557	2019296895	2019298254
2019299666	2019300376	2019308722	2019309025
2019310359	2019312584	2019316286	2019319093
2019320827	2019323455	2019324566	2019328575
2019335612	2019336031	2019341703	2019342744
2019344978	2019348192	2019348630	2019351320
2019355802	2019359166	2019359191	2019359540
2019363274	2019374409	2019381854	2019393993
2019399939	2019446568	2019479120	2020203722

Patents Granted

Standard Patents

2020204586	2020234723	2020272983	2020274226
2020283805	2020310808	2020318114	2020321271
2020337329	2020347945	2020364556	2020377876
2020396188	2020398425	2020403127	2020407128
2020428569	2020439415	2020440911	2020448850
2020459888	2020471015	2020483756	2020483948
2021200200	2021200348	2021200878	2021202085
2021202172	2021209248	2021210621	2021218116
2021221571	2021222407	2021225272	2021227525
2021228640	2021230101	2021231547	2021236141
2021241525	2021242208	2021246806	2021257637
2021260109	2021269372	2021270571	2021273631
2021273886	2021275650	2021276867	2021277813
2021283869	2021290222	2021290841	2021294346
2021295256	2021295295	2021298249	2021300620
2021308770	2021309906	2021310475	2021310494
2021313356	2021315596	2021318814	2021321287
2021325237	2021326289	2021336772	2021340898
2021343996	2021349101	2021349207	2021351003
2021351114	2021351885	2021355246	2021356089
2021368924	2021369744	2021378282	2021380806
2021382771	2021389120	2021389969	2021393964
2021398915	2021399076	2021401669	2021402785
2021403382	2021406791	2021409567	2021412803
2021420762	2021427367	2021428650	2021428799
2021441277	2021442185	2022200036	2022201040
2022202077	2022202196	2022202444	2022202491
2022202777	2022203112	2022203197	2022203313
2022203421	2022204128	2022204145	2022204386
2022204424	2022204589	2022204841	2022204920
2022205176	2022205269	2022206765	2022206809
2022209253	2022215161	2022216431	2022216535
2022217363	2022218572	2022218780	2022231710
2022231747	2022231801	2022234308	2022235611
2022240688	2022240835	2022240881	2022246474
2022250944	2022256096	2022256098	2022259744
2022259771	2022262730	2022265940	2022268343
2022275400	2022279597	2022281319	2022283744
2022291563	2022291630	2022304902	2022311574
2022315142	2022335875	2022341787	2022368363
2022370058	2022379903	2022384750	2022407713
2022428601	2023200258	2023200871	2023200894
2023201204	2023201287	2023201360	2023201414
2023201596	2023201598	2023201925	2023202122
2023202473	2023203051	2023203376	2023203733
2023203992	2023203997	2023204288	2023204302
2023204591	2023204608	2023206074	2023207420
2023214393	2023216763	2023219995	2023241269
2023251513	2023262616	2023278058	2023327765

Innovation Patents

2024100036

Assignments Registered

- 2012299072 OrthoGrid Systems Holdings, LLC The patent has been assigned to **Orthogrid Systems, Inc.**
- 2014217929 OrthoGrid Systems Holdings, LLC The patent has been assigned to **Orthogrid Systems, Inc.**
- 2015286462 Metcela Inc. The patent has been assigned to **Lymphogenix Limited**
- 2015321161 Jiang, Xianxing The patent has been assigned to **Shenzhen Turier Biotech Co., Ltd.**
- 2018202187 Kerr Corporation The patent has been assigned to **Metrex Research, LLC**

Assignments Registered

2018223739 Metcela Inc. The patent has been assigned to **Lymphogenix Limited**

2019226575 Compagnie Generale des Etablissements Michelin
The patent has been assigned to **Trailer Aerodynamics LLC**

2020101416 Steinhardt, Kevin The patent has been assigned to **Steinhardt Plantations Pty Ltd**

2021106656 Matt Hangan Pty Ltd The patent has been assigned to **Hangan, Matthew**

2021261852 Compagnie Generale des Etablissements Michelin
The patent has been assigned to **Trailer Aerodynamics LLC**

Mortgages Registered - Section 187, Reg. 19

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

2018202602 Weatherford U.K. Limited (BTA Institutional Services Australia Limited)

2018262279 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018273068 Weatherford Technology Holdings LLC (BTA Institutional Services Australia Limited)

2018298471 Weatherford U.K. Limited (BTA Institutional Services Australia Limited)

2018304297 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018304298 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018312846 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

2018362224 Weatherford Technology Holdings, LLC (BTA Institutional Services Australia Limited)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The following application(s) for Extension of Term have been accepted under Section 74.

Notice of opposition under Section 75(1) to the undermentioned application(s) for an extension of term may be filed at the Patent Office within the prescribed time.

2014226094 **Eli Lilly and Company**

The earliest first regulatory approval date provided by the patentee 27 Sep 2023

For the goods OMVOH mirikizumab

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

2016248946 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods ELREXFIO elranatamab

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

2016338753 **ZS Pharma, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

For the goods LOKELMA sodium zirconium cyclosilicate hydrate

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions granted

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

2009274569 **Arena Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 22 May 2024

For the goods VELSIPITY etrasimod

Extension of Term of patent pursuant to Section 77 expires on 22 Jul 2034

2015214502 **Merck Sharp & Dohme LLC**

The earliest first regulatory approval date provided by the patentee 12 Dec 2023

For the goods AQUIPTA atogepant

Extension of Term of patent pursuant to Section 77 expires on 12 Dec 2038

Corrigenda

In Vol 58 , No 41 , Page(s) 6028 under the heading **Assignments Registered** Please delete all reference to this previous entry.

In Vol 58 , No 42 , Page(s) 6048 under the heading **Amendments - Application for Amendments** Under the name LumaCyte, LLC, Application No. 2019247544 correct the date of the statements filed to read 01 Oct 2024 and 11 Oct 2024

In Vol 58 , No 42 , Page(s) 6049 under the heading **Amendments - Application for Amendments** Under the name F&P Tech Fitness Limited, Application No. 2021221561 correct the date of the statements filed to read 20 Sep 2024 and 30 Sep 2024

Specifications Republished

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

2020337054 **Bionox Inc.**
2021299156 **Chong Kun Dang Pharmaceutical Corp.**