



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

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 (Supplement) 16 March 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Apple Inc. [2023] APO 14

Patent Application: 2018271366

Title: Continuity

Patent Applicant: Apple Inc.

Delegate: Neil Miller

Decision Date: 3 March 2023

Hearing Date: Written submissions filed on 16 March 2022

Catchwords: **PATENTS** – Examiner’s objection – inventive step – common general knowledge – claims do not lack an inventive step – clear enough and complete enough disclosure – incorporation by reference – undue burden – disclosure satisfactory – objections not sustainable – application accepted

Representation: Patent attorney for the applicant: FPA Patent Attorneys

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 16 March 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2023] APO 13

Patent Application: 2014240371

Title: Wear assembly removal and installation

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Xavier Gisz

Decision Date: 2 March 2023

Hearing Date: Written submissions filed on 2 November 2022, 23 November 2022, 5 December 2022

Catchwords: **PATENTS** - section 59 – final determination – amendments overcome deficiencies identified in previous decision – application to proceed to grant – costs awarded against opponent

Representation: Patent attorney for the applicant: MinterEllison
Patent attorney for the opponent: James & Wells

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 16 March 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Uon Pty Ltd v Berkshire Renewable Energy Pty Ltd [2023] APO 15

Innovation Patent: 2021107610

Title: Generator with automated fuel tank selector system

Patentee: Berkshire Renewable Energy Pty Ltd

Opponent: Uon Pty Ltd

Hearing Officer: Dr N. R. Madsen – Deputy Commissioner of Patents

Decision Date: 8 March 2023

Hearing Date: Written submissions completed 27 January 2023

Catchwords: **PATENTS** – section 210 – request for production of documents – whether the documents are likely to be of substantial relevance to the matter – substantial relevance not established – notice to produce refused

Representation: Counsel for the opponent: A. D. B. Fox
Patent attorneys for the opponent: Armour IP

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 28 Feb 2023 .

(71) 2C Holdings Pty Ltd (21) 2023900548 (22) 02.03.2023 (54) WEAR SENSING APPARATUS	(71) Carden, B. (21) 2023900572 (22) 03.03.2023 (54) Light Therapy Massage Ball	(71) CWAN Technologies Pty Ltd (21) 2023900571 (22) 03.03.2023 (54) Molecular Linkers
(71) 3BUX IP PTY LTD (21) 2023900587 (22) 06.03.2023 (54) PLATFORM FOR ISSUING AND EX- CHANGING MULTI-SIDED FUNGIBLE TOKENS	(71) Chappell, J. (21) 2023900559 (22) 03.03.2023 (54) DEVICE FOR MANIPULATING BED- DING	(71) D.R. FINS.S PTY LTD (21) 2023900560 (22) 03.03.2023 (54) Surfboard Fin
(71) Actinogen Medical Limited (21) 2023900544 (22) 02.03.2023 (54) Flow chemistry process for preparing aza-bicyclic heteroaryl compounds	(71) CNC Wire Forming Pty Ltd as trustee for The C.J. Lacy Trust (21) 2023900539 (22) 01.03.2023 (54) FASTENER INSERTION DEVICE HAV- ING TRANSITIONING COLLAR	(71) Dennison Technologies Limited (21) 2023900507 (22) 27.02.2023 (54) ACTUATOR ASSEMBLY
(71) Adverto Pty Ltd (21) 2023900553 (22) 03.03.2023 (54) INTERACTIVE DIGITAL DISPLAY SYSTEMS AND METHODS FOR OUT- DOOR ADVERTISING	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023900542 (22) 02.03.2023 (54) METHODS FOR DETERMINING REALISTIC PERMEABILITY DISTRI- BUTIONS IN FAULTS AND SEDI- MENTS	(71) Dodd, D. (21) 2023900541 (22) 02.03.2023 (54) Hair Disentangler And Restorer-en- hanced
(71) Amplo Biotechnology Pty Ltd (21) 2023900536 (22) 01.03.2023 (54) Methods for increasing neurotransmis- sion within the neuromuscular junction	(71) Conflux Technology Pty Ltd (21) 2023900519 (22) 28.02.2023 (54) Surface coatings for metal objects	(71) ENVRA LIMITED (21) 2023900573 (22) 04.03.2023 (54) POLYCRETE Post consumed soft plastic aggregate successfully used as a part &/or full replacement for the pur- pose & use in Cement/Concrete & Bitu- men/Asphalt in Residential & Domestic, Commercial & Industrial, Civil & Infra- structural, Tunnelling & Mining Indus- tries for architectural, structural & non- structural applications
(71) BIOKNOWME PTY LTD (21) 2023900534 (22) 01.03.2023 (54) SYSTEM AND METHOD FOR PATHO- LOGY SPECIMEN COLLECTION	(71) Cripps Clark, J. (21) 2023900576 (22) 04.03.2023 (54) The ArrProc specification is an exten- sion to the invention for implementing consistent asynchronous, non-linear, localized, state-driven and/or condi- tion-based procedurality in distributed systems (and enabling safer applica- tion of AI learning, and extending the in- vention ParCent (separate Australian Provisional patent IP#2022903608) so that processing models of all kinds can more efficiently processed on highly parallel mass processing architectures (eg quantum device arrays) including for collision detection within peer-to- peer architectures.	(71) ENVRA LIMITED (21) 2023900574 (22) 04.03.2023 (54) POLYCRETE ENVRA 400 Post con- sumer recycled soft plastic LDPE4 poly- mers, polyethene, plastic that is an ag- gregate part &/or full replacement &/or fibres mixed in with all types of binders, cement, slag, fly ash, clinkers, all ad- mixtures, water, sand & aggregate to create concrete for industrial use in the Domestic & Residential, Commercial & Industrial, Building & Construction, Civil & Infrastructure, Mining & Tunnelling Industry Sectors for use as a structur- al &/or non-structural &/or architectural application
(71) Burl Aerospace Pty Ltd (21) 2023900522 (22) 28.02.2023 (54) Vertical take-off and landing aircraft and propulsion assembly		
(71) Carbelec Pty Ltd (21) 2023900535 (22) 01.03.2023 (54) ELECTROLYSIS OF CARBON DIOX- IDE		

Provisional Applications Filed - Name Index cont'd

(71) Fenwick, A. (21) 2023900512 (22) 28.02.2023 (54) Improved Recreational Apparatus	(71) IQM Systems Pty Ltd (21) 2023900579 (22) 05.03.2023 (54) Formwork Pressure Measurement Device and Monitoring System	(71) Matryx Pty Ltd (21) 2023900497 (22) 27.02.2023 (54) Anti-Graffiti System
(71) FISHER, P. (21) 2023900538 (22) 01.03.2023 (54) A CONTAINER WITH CONCEALED BASE	(71) IVR Group Pty Ltd (Trading as Airocle) (21) 2023900561 (22) 03.03.2023 (54) SOLAR POWERED CROSS FLOW/TANGENTIAL FAN(S) SYSTEM WITH BUILT-IN AUTOMATIC SOLAR MANGEMENT SYSTEM AND FAN CONTROL SYSTEM FOR ROOF VENTILATORS.	(71) McNicol, M. (21) 2023900585 (22) 06.03.2023 (54) VEHICULAR COLLISION AVOIDANCE DEVICES AND SYSTEMS
(71) Forouzandeh, H. (21) 2023900554 (22) 03.03.2023 (54) Collapsible Container	(71) Jeffery, C. (21) 2023900514 (22) 28.02.2023 (54) CABLE TIE SYSTEM	(71) Metrologi Pty Ltd (21) 2023900577 (22) 04.03.2023 (54) Slurry Pipeline and Component Therefor
(71) GenieUs Genomics Pty Ltd (21) 2023900545 (22) 02.03.2023 (54) Biomarkers for neurodegenerative diseases	(71) JOLLY GOOD VENTURES PTY LTD (21) 2023900557 (22) 03.03.2023 (54) IMPROVED BEVERAGE CONTAINERS	(71) Millibeam Holdings Pty Ltd (21) 2023900563 (22) 03.03.2023 (54) Transmitter for Millimetre Radio Wavelengths
(71) GTE Group Pty Ltd (21) 2023900524 (22) 28.02.2023 (54) SYSTEM AND METHOD FOR LOCATION DETERMINATION OF RAIL MOUNTED MATERIAL HANDLING MACHINE	(71) JOLLY GOOD VENTURES PTY LTD (21) 2023900558 (22) 03.03.2023 (54) IMPROVED PREPACKAGED BEVERAGE CONTAINER	(71) MOROZOV, I. (21) 2023900496 (22) 27.02.2023 (54) AN IMPROVED ADJUSTABLE WALL STUD
(71) Hawker, J. (21) 2023900595 (22) 06.03.2023 (54) Chopping board with captive knife	(71) Joseph Elie Tefaye (21) 2023900550 (22) 02.03.2023 (54) New Bandaid Design	(71) Morse Micro Pty. Ltd. (21) 2023900567 (22) 03.03.2023 (54) Methods and Devices of Seep Time Management for Wireless Communication Device
(71) Helitak Fire Fighting Equipment Pty Ltd (21) 2023900530 (22) 01.03.2023 (54) Tank assembly and helicopter	(71) Lam, T.T. (21) 2023900513 (22) 28.02.2023 (54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS	(71) Nelson, P. (21) 2023900578 (22) 05.03.2023 (54) SYSTEM AND METHOD
(71) Hendry, C. (21) 2023900493 (22) 25.02.2023 (54) Improved coil	(71) larkin, b. (21) 2023900575 (22) 04.03.2023 (54) Two Speed Thread Line Fishing Reel	(71) NewSouth Innovations Pty Limited (21) 2023900584 (22) 06.03.2023 (54) A method for producing polymeric particles
(71) Hetherington, L. (21) 2023900531 (22) 01.03.2023 (54) METHOD FOR FACILITATING NON-VERBAL COMMUNICATION BETWEEN A STUDENT AND A TEACHER	(71) Lee, H. (21) 2023900592 (22) 06.03.2023 (54) AN EYELASH CURLING SHIELD	(71) NewSouth Innovations Pty Ltd (21) 2023900515 (22) 28.02.2023 (54) In-situ stress measurement tool and method
(71) Hysential Pty Ltd (21) 2023900586 (22) 06.03.2023 (54) A tissue towel dispenser	(71) LIN, J. (21) 2023900517 (22) 28.02.2023 (54) A gripping tool	(71) NICOLOPOULOS, V. (21) 2023900498 (22) 27.02.2023 (54) Allergen indication method, system and indicium
(71) ICSIP Pty Ltd (21) 2023900506 (22) 27.02.2023 (54) Lithium Recovery from Sedimentary Silicates	(71) LuciGem Pty Ltd (21) 2023900590 (22) 06.03.2023 (54) AUTHENTICATION TOKEN AND SYSTEM	(71) Nitronic Pty Ltd (21) 2023900570 (22) 03.03.2023 (54) A method of producing nitrogen fertilisers
(71) InterpreData Pty Ltd (21) 2023900526 (22) 28.02.2023 (54) Analysing a sample	(71) Mariana Diamond Pty Ltd ATF The Trenchard Family Trust (21) 2023900591 (22) 06.03.2023 (54) Improved Mulch Film	(71) Palmaya Pty Ltd (21) 2023900543 (22) 02.03.2023 (54) A Method of Detoxification to Prevent Death

Provisional Applications Filed - Name Index cont'd

(71) Pattison, M. (21) 2023900503 (54) Leg Rope (22) 27.02.2023	(71) RSE IP Pty Ltd (21) 2023900527 (54) Hydrogels for anatomical models (22) 28.02.2023	The University of Melbourne see University, M. (21) 2023900518
(71) Photoelectron Intellectual Property Holdings LLC (21) 2023900494 (54) Oxide Thickness Measurement Device (22) 25.02.2023	(71) RSE IP Pty Ltd (21) 2023900528 (54) Skin organ models (22) 28.02.2023	(71) The University of Melbourne (21) 2023900565 (54) RECYCLING OF BATTERY METALS (22) 03.03.2023
(71) Player, B. (21) 2023900499 (54) A surfing device comprised of a homogenous closed cell foam body and at least one Performance Enhancing Component. (22) 27.02.2023	(71) RSE IP Pty Ltd (21) 2023900529 (54) Surgical Training Apparatus (22) 28.02.2023	(71) The University of Queensland (21) 2023900533 (54) Fluorinated surfactants and uses thereof (22) 01.03.2023
(71) Polaris IP Pty Ltd (21) 2023900502 (54) Hinge, adaptor, cover and assembly (22) 27.02.2023	(71) Sandilands, S. (21) 2023900511 (54) FORMWORK (22) 28.02.2023	(71) The University of Queensland (21) 2023900547 (54) Non-Flow Zinc Bromine Battery (22) 02.03.2023
(71) Polaris IP Pty Ltd (21) 2023900505 (54) Door closer (22) 27.02.2023	(71) Scolaro, A. (21) 2023900510 (54) A Power Drive (22) 28.02.2023	(71) The University of Sydney; The Heart Research Institute Limited (21) 2023900588 (54) A microfluidic device and a method of forming thereof (22) 06.03.2023
(71) ResMed Pty Ltd (21) 2023900508 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME (22) 28.02.2023	(71) Scott, A. (21) 2023900552 (54) A Crimping Device (22) 02.03.2023	(71) Thinking Ergonomix Pty Limited (21) 2023900569 (54) Desk Privacy Screen (22) 03.03.2023
(71) ResMed Pty Ltd (21) 2023900509 (54) INTERFACING STRUCTURE FOR EYEWEAR (22) 28.02.2023	(71) Silent Realty Pty Ltd (21) 2023900540 (54) Apportioned Financing Equity Scheme for Residential Property (22) 01.03.2023	(71) Tribe Technology Pty Ltd (21) 2023900568 (54) A Purging System and A Method for Using Same (22) 03.03.2023
(71) ResMed Pty Ltd (21) 2023900520 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME (22) 28.02.2023	(71) Silicon Quantum Computing Pty Ltd. (21) 2023900594 (54) Quantum processing elements with engineered relaxation times (22) 06.03.2023	(71) Tritium Holdings Pty Ltd (21) 2023900532 (54) A METHOD AND ASSEMBLY FOR READY ACCESS CABLE TERMINATION (22) 01.03.2023
(71) ResMed Pty Ltd (21) 2023900521 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME (22) 28.02.2023	(71) Smith, F. (21) 2023900562 (54) A DEVICE COMBINING SOLAR COLLECTOR and STORAGE TANK AND USED AS A SOLAR PREHEATER OR WATER HEATER (22) 03.03.2023	(71) Tritium Holdings Pty Ltd (21) 2023900566 (54) A Cable Exit Assembly (22) 03.03.2023
(71) ResMed Pty Ltd (21) 2023900521 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME (22) 28.02.2023	(71) Stand Technologies Pty Ltd (21) 2023900546 (54) Industrial hydraulic actuator safety device (22) 02.03.2023	(71) Tritium Holdings Pty Ltd (21) 2023900589 (54) A TRANSFORMER FOR A DC-DC CONVERTER (22) 06.03.2023
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(71) The Hidden Self (21) 2023900564 (54) Active Energy Bracelet (22) 03.03.2023		

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(71) Voltrex Pty Ltd
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 (54) Circuit Testing Apparatus

(71) WANG, S.
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 (54) IMPROVED CHAIN LOAD BINDER

(71) Welfare Concepts Limited
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(71) WGC Projects Pty Ltd
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(71) Wright, J.
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(71) Xero Limited
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(71) Xero Limited
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(71) X-Frame Pty Ltd
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(71) Yumdrum Pty Ltd
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2023900493	Hendry, C.	2023900560	D.R. FINS.S PTY LTD
2023900494	Photoelectron Intellectual Property Holdings LLC	2023900561	IVR Group Pty Ltd (Trading as Airocle)
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2023900526	InterpreData Pty Ltd	2023900592	Lee, H.
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Applications listed below were processed through the Patent Office Canberra during the period ending 28 Feb 2023 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) Apellis Pharmaceuticals, Inc. (21) 2023200929 (22) 17.02.2023 (54) Cell-reactive, long-acting, or targeted compstatin analogs and related compositions and methods (62) 2020260435</p> <hr/> <p>(71) Arena Pharmaceuticals, Inc. (21) 2023200978 (22) 20.02.2023 (54) Crystalline L-arginine salt of (R)-2-(7-(4-cyclopentyl-3-(trifluoromethyl)benzyloxy)-1,2,3,4-tetrahydrocyclo-penta[b]indol-3-yl)acetic acid(Compound1) for use in S1P1 receptor-associated disorders (62) 2021249972</p> <hr/> <p>(71) Asahi Kasei Kabushiki Kaisha (21) 2023200922 (22) 16.02.2023 (54) JIG FOR LAMINATE PRODUCTION, METHOD FOR LAMINATE PRODUCTION, PACKAGE, LAMINATE, ELECTROLYZER, AND METHOD FOR PRODUCING ELECTROLYZER (62) 2019343608</p> <hr/> <p>(71) Attobahn, Inc. (21) 2023200892 (22) 16.02.2023 (54) VIRAL MOLECULAR NETWORK ARCHITECTURE AND DESIGN (62) 2018238451</p> <hr/> <p>(71) AUSUSA Medical Innovations (21) 2023200948 (22) 17.02.2023 (54) Movement Assessment System (62) 2018217438</p> <hr/> <p>(71) Automaton, Inc. (21) 2023200952 (22) 17.02.2023 (54) Methods and apparatus for locating RFID tags (62) 2018243962</p> <hr/> <p>(71) Axsome Therapeutics, Inc. (21) 2023200917 (22) 16.02.2023 (54) USE OF REBOXETINE TO TREAT NARCOLEPSY (62) 2019361915</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2023200940 (22) 17.02.2023</p>	<p>(54) Sterilization arrangement for drug delivery device (62) 2021203196</p> <hr/> <p>(71) Benelli Armi S.P.A. (21) 2023200944 (22) 17.02.2023 (54) RECOIL DAMPING DEVICE FOR PORTABLE FIREARMS (31) 102022000003200 (32) 21.02.22 (33) IT</p> <hr/> <p>(71) Bird Buddy Inc. (21) 2023200969 (22) 20.02.2023 (54) Bird station (31) 63/314,005 (32) 25.02.22 (33) US 2203726.1 17.03.22 GB 2203727.9 17.03.22 GB</p> <hr/> <p>(71) BISSELL Inc. (21) 2023201035 (22) 22.02.2023 (54) SURFACE CLEANING APPARATUS WITH STEAM (31) 17/704,626 (32) 25.03.22 (33) US</p> <hr/> <p>(71) BLANCO GmbH + Co KG (21) 2023200979 (22) 20.02.2023 (54) Sludge Retaining Device For A Drain Of A Sanitary Basin (31) 10 2022 201 844.3 (32) 22.02.22 (33) DE</p> <hr/> <p>(71) Boston Scientific Neuromodulation Corporation (21) 2023200898 (22) 16.02.2023 (54) Neural sensing in an implantable stimulator device during the provision of active stimulation (62) 2020256033</p> <hr/> <p>(71) Bry Air [Asia] Pvt. Ltd. (21) 2023200935 (22) 17.02.2023 (54) System and method for improving the performance of desiccant dehumidification equipment for low-humidity applications (62) 2019203411</p> <hr/> <p>(71) BTL Medical Solutions a.s. (21) 2023200903 (22) 16.02.2023 (54) Methods and devices for aesthetic treatment of biological structures by radiofrequency and magnetic energy (62) 2021221916</p> <hr/>	<p>(71) Caroma Industries Limited (21) 2023200971 (22) 20.02.2023 (54) Modular wall unit (62) 2021202153</p> <hr/> <p>CCTEG Energy Technology Development Co., Ltd. see CCTEG Tiandi Science & Technology Co., Ltd. (21) 2023201045</p> <hr/> <p>CCTEG SHENYANG RESEARCH INSTITUTE see CCTEG TIANDI SCIENCE & TECHNOLOGY CO., LTD. (21) 2023201142</p> <hr/> <p>(71) CCTEG Tiandi Science & Technology Co., Ltd.; CCTEG Energy Technology Development Co., Ltd. (21) 2023201045 (22) 22.02.2023 (54) METHOD FOR CONTROLLING SIDE MINING UNMANNED VEHICLE AND DEVICE (31) 2022112425454 (32) 11.10.22 (33) CN</p> <hr/> <p>(71) CCTEG TIANDI SCIENCE & TECHNOLOGY CO., LTD.; CCTEG SHENYANG RESEARCH INSTITUTE (21) 2023201142 (22) 24.02.2023 (54) METHOD FOR CONTROLLING UNDERGROUND UNMANNED VEHICLE AND DEVICE (31) 2022112412863 (32) 11.10.22 (33) CN</p> <hr/> <p>(71) Cedars-Sinai Medical Center (21) 2023200895 (22) 16.02.2023 (54) Compositions and methods for treating cancers (62) 2021201667</p> <hr/> <p>(71) Cell Design Labs, Inc. (21) 2023200894 (22) 16.02.2023 (54) Chimeric polypeptides and methods of altering their localisation in the cell membrane (62) 2021203626</p> <hr/> <p>(71) Corbin Clinical Resources, LLC (21) 2023200954 (22) 17.02.2023 (54) Apparatus, systems, and methods for planning and performing guided and free-handed transperineal prostate biopsies (62) 2020264404</p>
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(71) CQMS Pty Ltd (21) 2023200977 (22) 20.02.2023 (54) A WEAR MEMBER MONITORING SYSTEM (62) 2016414417	(71) Fisher & Paykel Healthcare Limited (21) 2023200950 (22) 17.02.2023 (54) Usability Features for Respiratory Humidification System (62) 2020244528	(71) Hangzhou DAC Biotech Co., Ltd (21) 2023200925 (22) 17.02.2023 (54) Hydrophilic Linkers for Conjugate (62) 2021201765
(71) Croptimistic Technology Inc. (21) 2023200985 (22) 20.02.2023 (54) A METHOD AND SYSTEM FOR CHARACTERISING THE SOIL MOISTURE CHARACTERISTICS OF MANAGEMENT ZONES IN BOTH TIME AND SPACE, SPECIFIC TO ZONE-BASED MANAGEMENT FOR VARIABLE RATE CROP INPUTS (31) 63/318,557 (32) 10.03.22 (33) US	(71) Fisher & Paykel Healthcare Limited (21) 2023200961 (22) 17.02.2023 (54) System for Humidification of Medical Gases (62) 2020244529	(71) HeartFlow, Inc. (21) 2023200986 (22) 20.02.2023 (54) System and methods for estimation of blood flow characteristics using reduced order model and machine learning (62) 2017332031
(71) Davis Gorton Pty Ltd (21) 2023201050 (22) 22.02.2023 (54) A gate and a gate hinge (31) 2022900422 (32) 23.02.22 (33) AU	(71) FrontYa Pty Ltd (21) 2023200945 (22) 17.02.2023 (54) Method and Apparatus for Asset Selection (31) 2022900364 (32) 18.02.22 (33) AU	(71) Helrom GmbH (21) 2023200975 (22) 20.02.2023 (54) RAILWAY WAGON FOR TRANSPORTATION OF SEMITRAILERS AND THE LIKE (62) 2019363715
(71) Dicerna Pharmaceuticals, Inc. (21) 2023200960 (22) 17.02.2023 (54) Compositions and Methods for the Treatment of a Beta-Catenin-Associated Disease or Disorder (62) 2017232496	(71) FU, L. (21) 2023201006 (22) 21.02.2023 (54) CUTTABLE AND MAGNETICALLY-ADSORBABLE ANCHOR ROD ASSEMBLY	(71) HONEYWELL INTERNATIONAL INC. (21) 2023201036 (22) 22.02.2023 (54) CUSTOMIZED ASSET PERFORMANCE OPTIMIZATION AND MARKET-PLACE (31) 63/313,390 (32) 24.02.22 (33) US
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(71) Egge, P. (21) 2023200996 (22) 21.02.2023 (54) Counter Surveillance Scanning Device and System (31) 2022900519 (32) 04.03.22 (33) AU	(71) Global Tel*Link Corp. (21) 2023200896 (22) 16.02.2023 (54) Controlled environment secure media streaming system (62) 2017234259	(71) ICU Medical, Inc. (21) 2023200963 (22) 17.02.2023 (54) Pressure-regulating vial access devices and methods (62) 2017335746
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(71) Fisher & Paykel Healthcare Limited (21) 2023200965 (22) 17.02.2023 (54) ELECTRODE STRUCTURE OF BACK CONTACT CELL, BACK CONTACT CELL, BACK CONTACT CELL MODULE, AND BACK CONTACT CELL SYSTEM (31) 202210168681.7 (32) 24.02.22 (33) CN	(71) Gripsport Pty Ltd (21) 2023200968 (22) 20.02.2023 (54) A Bicycle Rack	
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(71) iStorage Limited
 (21) 2023200899 (22) 16.02.2023
 (54) Methods and systems of securely transferring data
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(71) Janssen Pharmaceutica NV
 (21) 2023200976 (22) 20.02.2023
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(71) Jungheinrich Aktiengesellschaft
 (21) 2023201054 (22) 23.02.2023
 (54) Block stacking arrangement
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(71) Juul Labs, Inc.
 (21) 2023200958 (22) 17.02.2023
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(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
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(71) Kite Pharma, Inc.
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 (54) Chimeric antigen receptor T cell therapy
 (62) 2019276592

(71) Kraft Foods Schweiz Holding GmbH
 (21) 2023200930 (22) 17.02.2023
 (54) Apparatus and methods for reel handling
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(71) Krizaj, C.
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(71) LG Electronics Inc.
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(71) MEDARTIS AG
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(71) National University of Singapore
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 (62) 2018256284

(71) NovaSignal Corp.
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 (62) 2019208041

(71) Nozomi Networks Sagl
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(71) P6 Medical Pty Ltd
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 (54) A CATHETER MOUNTING ARRANGEMENT FOR SECURING A CATHETER TO A PATIENT
 (62) 2018352463

(71) Pioneer Hi-Bred International, Inc.
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 (62) 2019255192

(71) Polaris Industries Inc.
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 (62) 2021236460

(71) Potrero Medical, Inc.
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(71) POYNTING ANTENNAS (PTY) LIMITED
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(71) PPG Industries Ohio, Inc.
 (21) 2023200932 (22) 17.02.2023
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 (62) 2020221467

(71) President and Fellows of Harvard College
 (21) 2023201178 (22) 28.02.2023
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 (62) 2016335698

(71) Prysmian S.p.A.
 (21) 2023200973 (22) 20.02.2023
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(71) PSMA Development Company, LLC
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 (62) 2020203191

(71) Rearden, LLC
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 (62) 2021201184

(71) REI, Inc.
 (21) 2023200951 (22) 17.02.2023
 (54) Method And System For Wear Monitoring Using RF Reflections
 (62) 2017342277

(71) Rep Fitness, LLC
 (21) 2023200939 (22) 17.02.2023
 (54) ADJUSTABLE BENCH WITH ONE-WAY ADJUSTMENT PIN
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(71) Richlyn Developments Ltd.
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(71) Rigetti & Co, LLC
 (21) 2023200904 (22) 16.02.2023
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(71) Rudd, C.
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(71) S.M.A.I.O.
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(54) Robotic spine surgery system
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(71) Sakura Finetek U.S.A., Inc.
(21) 2023200955 (22) 17.02.2023
(54) Tissue cassette reader
(31) 17/988,685 (32) 16.11.22 (33) US

(71) Sathiyajith, C.
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(54) THERANOSTIC AGENTS
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Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 28 Feb 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Fliteboard Pty Ltd
(21) 2023100025 **(22)** 03.03.2023
(54) MODULE FOR CONNECTING A MAST
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(62) 2018377850

(71) Milwaukee Electric Tool Corporation
(21) 2023100026 **(22)** 06.03.2023
(54) MODULAR TOOL CONTAINER
(62) 2022100154

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
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- 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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 2020101920 (22E) 2020101924 (22E) 2020101926 (22E)
 2020101928 (22E) 2020101929 (22E) 2020101930 (22E)
 2020101932 (22E) 2020101935 (22E) 2020101937 (22E)
 2020101939 (22E) 2020101940 (22E) 2020104206 (22E)
 2020201878 (5C) 2020202005 (4C) 2020205035 (5C)
 2020220103 (4C) 2020250199 (5C) 2020257164 (5C)
 2020278772 (12A) 2020280983 (5C) 2020286229 (5C)
 2020286282 (5C) 2020289769 (5C)

2021

2021200182 (5C) 2021200670 (5C) 2021200849 (5C)
 2021201174 (5C) 2021201400 (5C) 2021201528 (5C)
 2021201563 (4C) 2021202561 (4C) 2021202566 (5C)
 2021203051 (5C) 2021203337 (5C) 2021203510 (5C)
 2021203798 (5C) 2021261848 (4C)

2022

2022200634 (5C) 2022200952 (4C) 2022275487 (1B)
 2022279377 (7AN) 2022900482 (12AN) 2022900530 (12AN)
 2022900540 (12AN) 2022900549 (12AN) 2022900657 (12AN)
 2022900689 (12AN) 2022901029 (12AN) 2022901072 (12AN)
 2022901236 (12AN) 2022903666 (17AN) 2022903667 (17AN)
 2022903668 (17AN) 2022903731 (17AN) 2022903819 (17AN)
 2022903820 (17AN) 2022903821 (17AN) 2022903822 (17AN)
 2022903823 (17AN)

Assignments before Grant, Section 113

2016

2016416889 Wat, Hubert The application has been assigned to **Hub Strategy Inc.**

2017

2017273247 Davidson, Gabriel The application has been assigned to **Nupuk Limited**

2018

2018243293 Children's Medical Center Corporation; Bluebird Bio, Inc. The application has been assigned to **Children's Medical Center Corporation**

2018383675 Praxis Biotech LLC The application has been assigned to **ALTOS LABS, INC.**

2019

2019235611 Oventus Medical Limited The application has been assigned to **Open Airway Dental Solutions Ltd**

Assignments before Grant, Section 113

2019247533 PRAXIS BIOTECH LLC The application has been assigned to **ALTOS LABS, INC.**

2019262095 Oventus Medical Limited The application has been assigned to **Open Airway Dental Solutions Ltd**

2019282253 Praxis Biotech LLC The application has been assigned to **ALTOS LABS, INC.**

2020

2020229748 Praxis Biotech LLC The application has been assigned to **ALTOS LABS, INC.**

2020235082 M.G. Meccanica Srl; REHAU Automotive SE & Co. KG The application has been assigned to **Rehau Industries SE & Co. KG; M.G. Meccanica Srl**

2020236735 OXFORD BIOMEDICA (UK) LIMITED; SIO GENE THERAPIES INC. The application has been assigned to **OXFORD BIOMEDICA (UK) LIMITED**

2020293226 Praxis Biotech LLC The application has been assigned to **ALTOS LABS, INC.**

2020326738 Neptune Wellness Solutions Inc. The application has been assigned to **PURCANN PHARMA INC.**

2020361484 Praxis Biotech LLC The application has been assigned to **ALTOS LABS, INC.**

2020361630 Netmaster Solutions Ltd. The application has been assigned to **Thomson Reuters Enterprise Centre GmbH**

2020365038 Praxis Biotech LLC The application has been assigned to **ALTOS LABS, INC.**

2020458771 IOI Oleo GmbH The application has been assigned to **KetoLipix Therapeutics GmbH**

2021

2021256049 Argenx IIP BV; New York University The application has been assigned to **argenx Benelux BV; New York University**

2022

2022216614 Christiana Care Health Services, Inc. The application has been assigned to **Christiana Care Gene Editing Institute, Inc.**

Extensions of Time, Section 223

Applications Received

Notice of opposition under Section 223(6) to the undermentioned application(s) for an extension of time may be lodged at the Patent Office within the prescribed time.

2012

2012385466 **Simpson Performance Products, Inc.** An application to extend the time from 19 Jul 2022 to 19 Mar 2023 in which to pay a re-

Extensions of Time, Section 223

newal fee has been filed . Address for service - Halfords IP Level 7 1 Market Street Sydney NSW 2000 AU

2015

2015202501 **THUNDERHEAD (ONE) LIMITED** An application to extend the time from 08 May 2022 to 08 Jan 2023 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2015366142 **EasySoda Finland Oy** An application to extend the time from 07 Jun 2021 to 07 Jul 2022 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2015366142 **EasySoda Finland Oy** An application to extend the time from 07 Dec 2021 to 07 Jul 2022 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017

2017269239 **JST Performance, LLC** An application to extend the time from 22 May 2022 to 22 Dec 2022 in which to pay a continuation fee has been filed . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2017418909 **Natural Resource Beneficiation Limited** An application to extend the time from 14 Jun 2021 to 14 Oct 2022 in which to pay a continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017418909 **Natural Resource Beneficiation Limited** An application to extend the time from 14 Jun 2022 to 14 Nov 2022 in which to request examination has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018306306 **Magnomer LLC** An application to extend the time from 25 Jul 2022 to 25 Feb 2023 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2020

2020369157 **ADCANIN INC.** An application to extend the time from 24 May 2022 to 24 Feb 2023 in which to enter the National Phase has been filed . Address for service - Walker IP PO Box 637 South Melbourne VIC 3205 AU

2021

2021273653 **Anellotech, Inc.** An application to extend the time from 22 Jun 2022 to 22 Jan 2023 in which to pay a continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2022

2022202741 **VIAVI Solutions Inc.** An application to extend the time from 05 Jul 2022 to 05 Mar 2023 in which to pay a continuation fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2022203292 **THE CHINESE UNIVERSITY OF HONG KONG** An application to extend the time from 24 Jul 2022 to 24 Feb 2023 in which to re-

Extensions of Time, Section 223

quest examination has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Applications Allowed - Section 223(2)

2015

2015243391 **Valvoline Licensing and Intellectual Property, LLC** The time in which to pay a renewal fee has been extended to 10 Dec 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016

2016261710 **Innoventions Ltd.** The time in which to pay a renewal fee has been extended to 11 Dec 2022 . Address for service - Pipers Intellectual Property PO Box 839 Port Melbourne VIC 3207 AU

2016314776 **TNBT Holdings Pty Ltd** The time in which to pay the acceptance fee has been extended to 05 Dec 2022 . Address for service - Chrysilou IP Unit 1 Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2018

2018102148 **Pied Parker, Inc.** The time in which to pay a renewal fee has been extended to 30 Jul 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2018102216 **Premier Technologies Ltd** The time in which to pay a renewal fee has been extended to 27 Feb 2023 . Address for service - TJIP Patents, Trade Marks & Designs Se 4 45-49 Bundock ST Belgian Gardens TOWNSVILLE QLD 4810 AU

2018255955 **Dr. Reddy's Laboratories Limited** The time in which to pay a continuation fee has been extended to 18 Dec 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019

2019228721 **DuPont Nutrition Biosciences ApS** The time in which to request examination has been extended to 06 Mar 2023 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2019301524 **BHARWANI, Murad; ERLEIN, Steven; SCHUH, Austin; LUCKEVICH, Mark; PELOTON TECHNOLOGY, INC.; LAWS, Shad M.; SWITKES, Joshua P.; GAVRYSH, Art; TANGE, Marc; HERBERT, Mark; TWITTY, Colleen; HOGLE, Dean; TAMONEY, Andrew; MONSLER, Eric; ROSARIO, Carlos; BAYLEY, Oliver; PALLO, Richard; DONAYRE, Louis; LAUBINGER, Laurenz; SMARTT, Brian; TAM, Joyce; SILVERMAN, Brian; JARVIS, Tabitha** The time in which to enter the National Phase has been extended to 07 Apr 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020201595 **ALLEGION (NEW ZEALAND) LIMITED** The time in which to pay a continuation fee has been extended to 02 Dec 2022 . Address for service - AJ Pietras IP Limited Level 1, 29 Kings Crescent Lower Hutt Wellington 5010 NZ

Extensions of Time, Section 223

2021

2021251842 **SCV DELIVERY SYSTEMS LLC** The time in which to enter the National Phase has been extended to 08 Jan 2023 . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

2021286756 **ELKAZAZ, Mohamed, Fadly, Abd El Ghany** The time in which to enter the National Phase has been extended to 09 Feb 2023 . Address for service - Mohamed Fadly Abd ElGhany Elkzaz 16b Oallen Place Schofields NSW 2762 AU

2022

2022200462 **Kyndi, Inc.** The time in which to pay a continuation fee has been extended to 24 Oct 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2023

2023200588 **Qulok IP Pty Ltd** The time in which to associate with a complete application has been extended to 03 Mar 2023 . Address for service - Stellar Law Pty Ltd Level 5, 115 Pitt Street Sydney NSW 2000 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

2008241045 Use of a composition comprising formoterol and beclometasone dipropionate for the prevention and/or treatment of an exacerbation of asthma **Chiesi Farmaceutici S.P.A.** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016222408 Protective cover for a service unit of a service station, method for producing a protective cover and method for arranging a protective cover on a service unit of a service station **Alvern Media GmbH** The nature of the amendment is as shown in the statement(s) filed 03 Mar 2023 . Address for service - Koch IP Pty Ltd 10 Awaba Place Warriewood NSW 2102 AU

2017

2017267212 Filter apparatus and method **Evolution Aqua Limited** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2023 . Address for service - Davies Collision Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2017272795 Cannabidiol compositions and uses thereof **Pharmotech SA** The nature of the amendment is as shown in the

Amendments

statement(s) filed 16 Feb 2023 . Address for service - Madderns Pty Ltd Level 4, 19 Gouger Street Adelaide SA 5000 AU

2017371483 Electrochemical sensors and methods of use thereof **Digital Sensing Limited** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2017387699 System and method for determining a plant status **Yara International ASA** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018256445 System, apparatus and method for patient positioning prior to, during and/or after medical procedures **Mizuho Orthopedic Systems, Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Feb 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2018454451 Bioavailable nitrogen composition and methods **Multikraft Probiotics Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019246403 Solid phase purification **GE Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019249165 Vehicular seating suite configuration **Zephyr Aerospace, LLC** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2023 . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2021

2021206913 Systems and methods for distributed data sharing with asynchronous third-party attestation **SecureKey Technologies Inc.** The nature of the amendment is: Add the name of co-inventor ROBERGE, Pierre Antoine . Address for service - FB Rice Pty Ltd PO Box 7342 Cloisters Square WA 6850 AU

2021266324 IN VITRO DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO PANCREATIC ENDODERM CELLS (PEC) AND ENDOCRINE CELLS **ViaCyte, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

Amendments Made**2013**

2013273704 **BASF Plant Science GmbH** The nature of the amendment is as shown in the statement(s) filed 30 Sep 2020

2015

2015340539 **Mubea Carbo Tech GmbH** The nature of the amendment is as shown in the statement(s) filed 07 Nov 2022

Amendments**2016**

2016304853 **Orbis Health Solutions LLC** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2022

2017

2017202942 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101942

2017282638 **Janssen Biotech, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Dec 2022

2017376996 **Officine Maccaferri S.p.A.** The nature of the amendment is as shown in the statement(s) filed 18 Nov 2022

2018

2018204686 **Vorwerk & Co. Interholding GmbH** The nature of the amendment is as shown in the statement(s) filed 08 Dec 2022

2018295861 **Samsung Electronics Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 07 Dec 2022

2018320673 **Merck Patent GmbH** The nature of the amendment is: Amend the invention title to read Benzimidazole derivatives as adenosine receptor antagonists

2018415594 **N.V. Nutricia** The nature of the amendment is: Amend the name of the inventor to read WOPEREIS, Suzan; PASMAN, Wilrike; VOGEL DE, Johan; WEIJS, Peter and MEMELINK, Robert

2019

2019214500 **CMR Surgical Limited** The nature of the amendment is: Amend the name of the inventor to read GRANT, James Oliver; MARSHALL, Keith and MCBRIEN, Dominic Martin

2019261308 **Merck Patent GmbH; Vertex Pharmaceuticals Incorporated** The nature of the amendment is: Amend the name of the inventor to read YU, Henry; CLARK, Michael; BEMIS, Guy; BOYD, Michael; CHANDUPATLA, Kishan; COLLIER, Philip; DENG, Hongbo; DONG, Huijun; DORSCH, Warren; HOOVER, Russell R.; JOHNSON Jr, Mac Arthur; KULKARNI, Shashank; PENNEY, Marina; RONKIN, Steven; TAKEMOTO, Darin; TANG, Qing; WAAL, Nathan D.; WANG, Tiansheng; LAUFFER, David J. and LI, Pan

2019310577 **ZATA Pharmaceuticals, Inc.** The nature of the amendment is: Amend the name of the inventor to read TABATADZE, David R.; YANACHKOV, Ivan B.; ZAVIZION, Boris V. and SACHAIS, Bruce S.

2019346903 **SPH SINE Pharmaceutical Laboratories Co., Ltd; Shanghai Institute of Endocrine and Metabolic Diseases** The nature of the amendment is as shown in the statement(s) filed 05 Dec 2022

2019395190 **Sumitomo Metal Mining Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 31 Oct 2022

Amendments**2020**

2020104137 **Omaji, T.** The nature of the amendment is as shown in the statement filed 01 Sep 2022

2020104237 **Trisco ICAP Pty Ltd** The nature of the amendment is as shown in the statement filed 23 Nov 2022

2020218829 **SpexAI GmbH** The nature of the amendment is: Application is to proceed under the number 2020104490

2020223171 **Promaxo, Inc.** The nature of the amendment is: Amend the name of the inventor to read DE MATOS GOMES, Muller Francis

2020224102 **Zoetis Services LLC** The nature of the amendment is as shown in the statement(s) filed 06 Dec 2022

2020248421 **Promaxo, Inc.** The nature of the amendment is: Amend the name of the inventor to read DE MATOS GOMES, Muller Francis

2020267257 **Evogene Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Oct 2022

2020308866 **Promaxo, Inc.** The nature of the amendment is: Amend the name of the inventor to read NARAYANAN, Ram; NACEV, Aleksandar; MALIK, Pulkit and DE MATOS GOMES, Muller Francis

2020351232 **Tempus Labs, Inc.; Geisinger Clinic** The nature of the amendment is: Amend the names of co-inventors to read Raghunath, Sushravya and Ulloa-Cerna, Alvaro

2020402822 **Honor Device Co., Ltd.** The nature of the amendment is: Amend the invention title to read USER HEARING PROTECTION METHOD, APPARATUS, AND ELECTRONIC DEVICE

2020463350 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read CLOCK SYNCHRONIZATION MODE INDICATION METHOD AND COMMUNICATION APPARATUS

2021

2021201748 **Apple Inc.** The nature of the amendment is as shown in the statement filed 21 Oct 2022

2021202231 **Transportation IP Holdings, LLC** The nature of the amendment is: Amend the name of the inventor to read Wolff, Jeffrey John

2021208693 **Imperial College Innovations Limited** The nature of the amendment is: Add the name of co-inventor Doran, Sophie

2021282503 **Magic Leap, Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Dec 2022

2021297151 **Merck Sharp & Dohme Corp.; Eisai R&D Management Co., Ltd.** The nature of the amendment is: Amend the priority details to read 63/146,926 08 Feb 2021 US and 63/042,225 22 Jun 2020 US

Amendments

2021297552 **Petróleo Brasileiro S.A. - Petrobras** The nature of the amendment is as shown in the statement(s) filed 24 Feb 2023

2021306709 **Flagship Pioneering Innovations Vi, LLC** The nature of the amendment is: Amend the name of a co-inventor to read RAMOS, Alexis Hiram

2021309863 **Azure Mining Technology Pty Ltd; Chinese Institute of Coal Science** The nature of the amendment is: Amend the invention title to read EXPLOSION-PROOF BATTERY PACK

2021310148 **Azure Mining Technology Pty Ltd; Chinese Institute of Coal Science** The nature of the amendment is: Amend the invention title to read EXPLOSION-PROOF BATTERY PACK

2021310338 **Knorr-Bremse Systeme für Schienenfahrzeuge GmbH** The nature of the amendment is: Amend the invention title to read Control device and control method for controlling one or more wheel-slide-protection systems and for controlling one or more systems for dispensing adhesion-optimizing means in rail vehicles

2021315980 **Distributed Creation Inc.** The nature of the amendment is as shown in the statement filed 08 Feb 2023

2021317974 **Chugai Seiyaku Kabushiki Kaisha; Yamaguchi University** The nature of the amendment is: Amend the invention title to read Pharmaceutical Composition comprising Cell Expressing Chimeric Receptor

2021329613 **JFE Steel Corporation** The nature of the amendment is: Amend the invention title to read METHOD FOR EVALUATING THERMOPLASTICITY OF COAL OR CAKING ADDITIVE

2021331474 **University of Pittsburgh - Of the Commonwealth System of Higher Education** The nature of the amendment is: Amend the invention title to read ONCOLYTIC VIRUSES ENCODING RECOMBINANT TRANSFORMING GROWTH FACTOR (TGF)-BETA MONOMERS AND USES THEREOF

2021331833 **Lumus Ltd.** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2023

2021344099 **Canon Kabushiki Kaisha** The nature of the amendment is: Amend the invention title to read IMAGE FORMING APPARATUS AND CARTRIDGE

2021357124 **Kowa Company, Ltd.** The nature of the amendment is: Amend the invention title to read Multifocal diffractive lens

2022

2022235121 **HEFEI TG IMMUNOPHARMA CO., LTD.** The nature of the amendment is: Amend the invention title to read Anti-PVRIG protein antibody or antibody fragment and use thereof

Alteration of Name(s) of Applicant(s)/Patentee(s)**2008**

2008228186 GenKyoTex Suisse SA The name of the patentee has been altered to **Calliditas Therapeutics Suisse SA**

Amendments**2009**

2009298008 GenKyoTex Suisse SA The name of the patentee has been altered to **Calliditas Therapeutics Suisse SA**

2018

2018359634 GenKyoTex Suisse SA; University of Southampton The name of the applicant has been altered to **Calliditas Therapeutics Suisse SA; University of Southampton**

2019

2019322808 ExxonMobil Upstream Research Company The name of the patentee has been altered to **ExxonMobil Technology and Engineering Company**

2019324100 Exxonmobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2019325914 ExxonMobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2019326291 ExxonMobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2020

2020216277 ExxonMobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2020218361 Hyperice, Inc. The name of the applicant has been altered to **Hyper Ice, Inc.**

2020270046 Synthetic Biologics, Inc. The name of the applicant has been altered to **Theriva Biologics, Inc.**

2020270439 Synthetic Biologics, Inc. The name of the applicant has been altered to **Theriva Biologics, Inc.; Memorial Sloan Kettering Cancer Center**

2020277496 Christiana Care Gene Editing Institute, LLC The name of the applicant has been altered to **Christiana Care Gene Editing Institute, Inc.**

2020279829 Christiana Care Gene Editing Institute, LLC The name of the applicant has been altered to **Christiana Care Gene Editing Institute, Inc.**

2020287084 Synthetic Biologics, Inc. The name of the applicant has been altered to **Theriva Biologics, Inc.**

2020325168 ExxonMobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2020333985 ExxonMobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

Amendments**2021**

2021201534 Exxonmobil Upstream Research Company The name of the patentee has been altered to **ExxonMobil Technology and Engineering Company**

2021203768 Pfizer Inc.; Sanford-Burnham Medical Research Institute The name of the applicant has been altered to **Pfizer Inc.; Sanford Burnham Prebys Medical Discovery Institute**

2021236453 ExxonMobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2021314375 Shanghai Shengping Medical Equipment Co., Ltd.; Shanghai VastPro Technology Development Co., Ltd.; Shisenhai (Hangzhou) Bio-pharmaceutical Co., Ltd. The name of the applicant has been altered to **Shanghai Shengping Medical Equipment Co., Ltd.; Shanghai VastPro Technology Development Co., Ltd.; Zhejiang Boxiao Biopharmaceutical Co., Ltd.**

2021336234 Grant Prideco, L.P. The name of the applicant has been altered to **National Oilwell Varco, L.P.**

2022

2022283783 Exxonmobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2023

2023200300 Exxonmobil Upstream Research Company The name of the applicant has been altered to **ExxonMobil Technology and Engineering Company**

2023200837 Abdul Rahman Mohamed Mallah; Mohammed Hussein A Mohammed ; Omer Adnan Alawi The name of the applicant has been altered to **Mallah, A.R.; Mohammed, H.; Alawi, O.**

Applications Open to Public Inspection

Name Index

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

(71) 3DMORPHIC PTY LTD
 (11) AU-A-2021221798
 (21) 2021221798 (22) 25.08.2021
 (54) Integrally formed medical devices
 (51) Int. Cl.
A61F 2/44 (2006.01)
A61B 17/70 (2006.01)
A61B 17/00 (2006.01)
A61B 17/86 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)
 (43) 16.03.2023
 (72) PARR, William C.H.
 (74) BLACKWATTLE IP PTY LIMITED

(71) ABUS August Bremicker Söhne KG
 (11) AU-A-2022211834
 (21) 2022211834 (22) 03.08.2022
 (54) ELECTROMECHANICAL LOCK
 (51) Int. Cl.
E05B 47/06 (2006.01)
E05B 81/12 (2014.01)
E05B 83/36 (2014.01)
 (31) 102021122247.8 (32) 27.08.21 (33) DE
 (43) 16.03.2023
 (72) Wehr, Michel; Weiershausen, Bernd
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Adama Australia Pty Limited
 (11) AU-A-2021221736
 (21) 2021221736 (22) 25.08.2021
 (54) Highly Loaded Metalaxyl-M Formulations
 (51) Int. Cl.
A01N 37/46 (2006.01)
A01P 3/00 (2006.01)
A01N 25/02 (2006.01)
A01N 25/30 (2006.01)
A01N 37/34 (2006.01)
A01N 43/54 (2006.01)
A01N 47/04 (2006.01)
A01N 47/14 (2006.01)
A01N 59/20 (2006.01)
 (43) 16.03.2023
 (72) Horsfield, Andrew; Vaughan, Peter
 (74) Chrysiliou IP

(71) Adama Australia Pty Limited
 (11) AU-A-2021221746
 (21) 2021221746 (22) 25.08.2021
 (54) Highly Loaded Carfentrazone Formulations
 (51) Int. Cl.
A01N 43/653 (2006.01)
A01P 13/00 (2006.01)
A01N 25/02 (2006.01)
A01N 37/40 (2006.01)
A01N 39/04 (2006.01)
A01N 43/40 (2006.01)

A01N 43/707 (2006.01)
A01N 47/30 (2006.01)
 (43) 16.03.2023
 (72) Horsfield, Andrew; Vaughan, Peter
 (74) Chrysiliou IP

(71) Adama Australia Pty Limited
 (11) AU-A-2021221775
 (21) 2021221775 (22) 25.08.2021
 (54) Improvement to Suspension Concentrate Formulations
 (51) Int. Cl.
A01N 43/653 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01P 3/00 (2006.01)
 (43) 16.03.2023
 (72) Horsfield, Andrew; Vaughan, Peter
 (74) Chrysiliou IP

(71) Adama Australia Pty Limited
 (11) AU-A-2021221815
 (21) 2021221815 (22) 25.08.2021
 (54) Highly Loaded Bromoxynil Formulations
 (51) Int. Cl.
A01N 37/34 (2006.01)
A01P 13/00 (2006.01)
A01N 25/32 (2006.01)
A01N 39/04 (2006.01)
A01N 43/40 (2006.01)
A01N 43/42 (2006.01)
A01N 43/56 (2006.01)
A01N 43/80 (2006.01)
A01N 57/20 (2006.01)
 (43) 16.03.2023
 (72) Vaughan, Peter; Horsfield, Andrew
 (74) Chrysiliou IP

(71) Adama Australia Pty Limited
 (11) AU-A-2021221818
 (21) 2021221818 (22) 25.08.2021
 (54) Highly Loaded Fludioxonil Formulations
 (51) Int. Cl.
A01N 43/36 (2006.01)
A01P 3/00 (2006.01)
A01N 25/04 (2006.01)
A01N 35/04 (2006.01)
A01N 37/34 (2006.01)
A01N 37/40 (2006.01)
A01N 37/46 (2006.01)
A01N 37/52 (2006.01)
A01N 43/30 (2006.01)
A01N 43/40 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 43/84 (2006.01)
A01N 43/90 (2006.01)
A01N 47/14 (2006.01)
A01N 47/24 (2006.01)
A01N 47/40 (2006.01)

A01N 59/20 (2006.01)
 (43) 16.03.2023
 (72) Horsfield, Andrew; Vaughan, Peter
 (74) Chrysiliou IP

(71) Adama Australia Pty Limited
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 (54) Highly Loaded Solo Cyclanilide Formulations
 (51) Int. Cl.
A01N 53/00 (2006.01)
A01P 21/00 (2006.01)
A01G 22/50 (2018.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 43/40 (2006.01)
A01N 47/36 (2006.01)
A01N 57/20 (2006.01)
A01P 13/00 (2006.01)
 (43) 16.03.2023
 (72) Horsfield, Andrew; Vaughan, Peter
 (74) Chrysiliou IP

(71) Afton Chemical Corporation
 (11) AU-A-2022218625
 (21) 2022218625 (22) 19.08.2022
 (54) Mannich-based quaternary ammonium salt fuel additives
 (51) Int. Cl.
C10L 10/00 (2006.01)
C10L 1/10 (2006.01)
 (31) 17/445,932 (32) 25.08.21 (33) US
 (43) 16.03.2023
 (72) SCHWAB, Scott D.; VADEHRA, Geeta; NUCKOLS, Michel
 (74) Spruson & Ferguson

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 (21) 2022218628 (22) 19.08.2022
 (54) Mannich-based quaternary ammonium salt fuel additives
 (51) Int. Cl.
C10L 10/00 (2006.01)
C10L 1/10 (2006.01)
 (31) 17/445,926 (32) 25.08.21 (33) US
 (43) 16.03.2023
 (72) SCHWAB, Scott D.; VADEHRA, Geeta; NUCKOLS, Michel
 (74) Spruson & Ferguson

(71) Agridry Dryers Pty Ltd
 (11) AU-A-2021221544
 (21) 2021221544 (22) 24.08.2021
 (54) System and method for drying products
 (51) Int. Cl.
F26B 17/02 (2006.01)
F26B 3/04 (2006.01)
F26B 3/347 (2006.01)

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 (74) Davies Collison Cave Pty Ltd
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 (21) 2022221470 (22) 25.08.2022
 (54) INTEGRATED HEAT EXCHANGER AND SOUR WATER STRIPPER
 (51) Int. Cl.
 C02F 1/20 (2006.01)
 C02F 1/58 (2006.01)
 C10L 3/10 (2006.01)
 C02F 101/10 (2006.01)
 C02F 103/18 (2006.01)
 (31) 17/462,080 (32) 31.08.21 (33) US
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 (72) Zhang, Yanlai; Luo, Xukun
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2022221579 (22) 29.08.2022
 (54) INTEGRATED NITROGEN REJECTION FOR LIQUEFACTION OF NATURAL GAS
 (51) Int. Cl.
 F25J 3/02 (2006.01)
 (31) 17/464,773 (32) 02.09.21 (33) US
 (43) 16.03.2023
 (72) Ott, Christopher Michael; Roberts, Mark Julian; Weist, Annemarie Ott
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021221682
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 (54) Container carrier
 (51) Int. Cl.
 B65D 88/12 (2006.01)
 B65D 90/48 (2006.01)
 B65D 88/30 (2006.01)
 B65D 88/54 (2006.01)
 B65D 90/12 (2006.01)
 (43) 16.03.2023
 (72) Aisthorpe, Stephen
 (74) Spruson & Ferguson
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- (71) Alchin Long Group IP Pty Limited
 (11) AU-A-2021221456
 (21) 2021221456 (22) 24.08.2021
 (54) A lock assembly
 (51) Int. Cl.
 G07C 9/00 (2020.01)
 E05B 47/00 (2006.01)
 E05B 49/00 (2006.01)
 E05B 17/00 (2006.01)
 E05B 17/04 (2006.01)
 E05B 17/10 (2006.01)
 (43) 16.03.2023
 (72) Winston, David
 (74) GLMR
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- (71) Alchin Long Group IP Pty Limited
 (11) AU-A-2021221514
 (21) 2021221514 (22) 24.08.2021
 (54) Louvre window
 (51) Int. Cl.
 E06B 7/086 (2006.01)
 E05F 11/10 (2006.01)
 E05F 11/14 (2006.01)
 E06B 3/64 (2006.01)
 (43) 16.03.2023
 (72) Biro, Mitchell; Irwin, Jayden; Winston, David; Verhaar, Niels
 (74) GLMR
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- (71) Alexander, A.; Yaakoub, J.
 (11) AU-A-2022218604
 (21) 2022218604 (22) 19.08.2022
 (54) Technique and device for killing viruses in human lung
 (51) Int. Cl.
 A61M 16/14 (2006.01)
 A61L 2/00 (2006.01)
 A61M 16/00 (2006.01)
 A61M 16/06 (2006.01)
 A61M 16/10 (2006.01)
 (31) 789813 (32) 25.08.21 (33) NZ
 (43) 16.03.2023
 (72) Alexander, Albert; Yaakoub, Jeehan
 (74) Albert John Alexander
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 (11) AU-A-2023200737
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 (54) A Method for the Preparation of Smelter Grade Alumina
 (51) Int. Cl.
 C01F 7/306 (2022.01)
 C01F 7/22 (2006.01)
 C22B 3/04 (2006.01)
 C22B 21/00 (2006.01)
 (43) 16.03.2023
 (62) 2021201653
 (72) Liu, Jingyuan; Tan, Ignatius Kim Seng
 (74) WRAYS PTY LTD
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 (11) AU-A-2023200859
 (21) 2023200859 (22) 15.02.2023
 (54) SYSTEM, METHOD AND COMPUTER-READABLE STORAGE MEDIUM FOR CUSTOMIZABLE EVENT-TRIGGERED COMPUTATION AT EDGE LOCATIONS
 (51) Int. Cl.
 H04L 67/56 (2022.01)
 G06F 9/455 (2018.01)
 H04L 67/00 (2022.01)
 (43) 16.03.2023
 (62) 2021240176
 (72) Radhakrishnan, Manigandan; Zakharenko, Oleksii; Howard, Craig Wesley; Vijayaraghavan, Venkatesh; Katiyar, Shubham
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) AMETEK, INC.
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- (21) 2022204614 (22) 29.06.2022
 (54) TEMPERATURE DEPENDENT ELECTRONIC COMPONENT HEATING SYSTEM
 (51) Int. Cl.
 H01L 23/34 (2006.01)
 G05D 23/24 (2006.01)
 H05B 1/00 (2006.01)
 H05K 7/20 (2006.01)
 (31) 63/237,812 (32) 27.08.21 (33) US
 (43) 16.03.2023
 (72) HODEN, Brian; KIM, Joo-Han; SWEENEY, James; TORGENSON, John
 (74) Oxygene IP
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- (71) AMS Australia Pty Ltd
 (11) AU-A-2021221534
 (21) 2021221534 (22) 24.08.2021
 (54) Dual lock actuator
 (51) Int. Cl.
 E05B 65/10 (2006.01)
 E05B 1/00 (2006.01)
 E05B 63/14 (2006.01)
 (43) 16.03.2023
 (72) LEISK, Trevor David
 (74) GLMR
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- (71) ANDERSEN, B.
 (11) AU-A-2021221655
 (21) 2021221655 (22) 25.08.2021
 (54) A TYRE ASSEMBLY
 (51) Int. Cl.
 B60C 11/00 (2006.01)
 B60C 9/00 (2006.01)
 B60C 9/02 (2006.01)
 B60C 11/24 (2006.01)
 (43) 16.03.2023
 (72) ANDERSEN, Brian
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Apple Inc.
 (11) AU-A-2022235630
 (21) 2022235630 (22) 30.08.2022
 (54) Methods and interfaces for initiating communications
 (51) Int. Cl.
 G06F 3/048 (2013.01)
 (31) 63/239,403 (32) 31.08.21 (33) US
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 (51) Int. Cl.
G06F 3/0488 (2022.01)
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G06F 3/0484 (2022.01)
 (43) 16.03.2023
 (62) 2020269590
 (72) Scapel, Nicolas; Barlier, Guillaume
 Pierre André; Chang, Jae Woo;
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 Rickwald, Jason; Romney, Christopher
 James; Van Os, Marcel
 (74) FPA Patent Attorneys Pty Ltd

(71) APR Co., Ltd.
 (11) AU-A-2022217314
 (21) 2022217314 (22) 02.05.2022
 (54) Skin management device
 (51) Int. Cl.
A61H 23/02 (2006.01)
A61N 1/36 (2006.01)
A61N 5/06 (2006.01)
 (31) 10-2021-0113409 (32) 26.08.21 (33) KR
 (43) 16.03.2023
 (72) LEE, Jeong Ho
 (74) Griffith Hack

(71) ARB Corporation Limited
 (11) AU-A-2021221773
 (21) 2021221773 (22) 25.08.2021
 (54) Vehicle bumper assembly
 (51) Int. Cl.
B60R 19/50 (2006.01)
B60R 19/52 (2006.01)
F21S 43/10 (2018.01)
F21V 8/00 (2006.01)
F21V 23/00 (2015.01)
H05B 45/357 (2020.01)
F21S 41/00 (2018.01)
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 Robert Loane; Brown, Andrew Harry;
 Clark, John Desmond
 (74) FB Rice Pty Ltd

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 (11) AU-A-2022221409
 (21) 2022221409 (22) 23.08.2022
 (54) Pyrethroid envelope timber treatment
 (51) Int. Cl.
B27K 3/38 (2006.01)
A01N 25/02 (2006.01)
A01N 53/00 (2006.01)
A01P 7/04 (2006.01)
 (31) 2021902695 (32) 24.08.21 (33) AU
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 (72) HUMPHREY, David
 (74) Spruson & Ferguson

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2022224758
 (21) 2022224758 (22) 31.08.2022
 (54) SYSTEMS AND METHODS FOR SUP-
 PORTING ONE OR MORE EXTERN-

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 DEVICE
 (51) Int. Cl.
A63F 13/00 (2014.01)
G07F 17/32 (2006.01)
 (31) 17/817,616 (32) 04.08.22 (33) US
 63/239,055 31.08.21 US
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 (72) URBAN, Bruce; GONG, Xiaoqiang;
 JADEJA, Rajendrasinh
 (74) Griffith Hack

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 (21) 2022224761 (22) 31.08.2022
 (54) ELECTRONIC GAMING MACHINES
 WITH NOTCHED SCREENS
 (51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/25 (2014.01)
A63F 13/80 (2014.01)
 (31) 17/865,198 (32) 14.07.22 (33) US
 63/239,118 31.08.21 US
 (43) 16.03.2023
 (72) SHAFFER Jr., Stephen; JADEJA,
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 GONG, Xiaoqiang; THOMAS, Alfred;
 MASINTER II, Joseph
 (74) Griffith Hack

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2022224840
 (21) 2022224840 (22) 02.09.2022
 (54) SYSTEMS AND METHODS FOR CON-
 TROLLING A PROGRESSIVE JACK-
 POT AND DISPLAYED DIGITAL CON-
 TENT
 (51) Int. Cl.
G07F 17/34 (2006.01)
G06F 3/01 (2006.01)
G06Q 20/08 (2012.01)
 (31) 17/865,184 (32) 14.07.22 (33) US
 63/240,201 02.09.21 US
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 (72) PAULSEN, Craig
 (74) Griffith Hack

(71) Arlec Australia Pty Ltd
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 (21) 2021221811 (22) 25.08.2021
 (54) Heater
 (51) Int. Cl.
F24H 3/00 (2006.01)
F24H 9/06 (2006.01)
F24H 9/20 (2006.01)
H05B 1/02 (2006.01)
H05B 3/42 (2006.01)
 (43) 16.03.2023
 (72) Nimmervoll, Michael
 (74) Davies Collison Cave Pty Ltd

(71) Arlec Australia Pty Ltd
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 (21) 2021221829 (22) 25.08.2021
 (54) Electrical extension apparatus
 (51) Int. Cl.
H01R 33/92 (2006.01)

H01R 25/00 (2006.01)
H01R 33/88 (2006.01)
H01R 13/514 (2006.01)
H01R 24/20 (2011.01)
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 (72) Wong, Vincent Ho Zheng
 (74) Davies Collison Cave Pty Ltd

(71) Art Plastics Pty Ltd
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 (54) PIPE SUPPORT
 (51) Int. Cl.
F16L 3/10 (2006.01)
 (43) 16.03.2023
 (72) Lucas, Tim
 (74) Ahearn Fox

(71) Assa Abloy New Zealand Limited
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 (54) LOCK WITH SECURABLE RETAINER
 FOR SLIDING PANELS AND INSTALL-
 ATION METHOD
 (51) Int. Cl.
E05B 9/08 (2006.01)
E05B 65/08 (2006.01)
E05C 9/00 (2006.01)
E05B 7/00 (2006.01)
 (43) 16.03.2023
 (72) Horwood, Stuart
 (74) Ellis Terry

(71) AstraZeneca AB
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 (54) STABLE, AQUEOUS ANTIBODY FOR-
 MULATIONS
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
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 (62) 2020204608
 (72) Leach, William; Lewus, Rachael; Mc-
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 Kevin Douglas
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Ausplow Pty. Ltd.
 (11) AU-A-2021221492
 (21) 2021221492 (22) 24.08.2021
 (54) Plough assembly
 (51) Int. Cl.
A01B 49/06 (2006.01)
A01B 15/18 (2006.01)
A01B 49/02 (2006.01)
A01B 63/32 (2006.01)
E02F 5/02 (2006.01)
E02F 9/22 (2006.01)
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A01C 7/20 (2006.01)
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 (72) Ryan, John William
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(21) 2021266300

(71) Australian Nuclear Science and Technology Organisation; Iluka Resources Limited
(11) AU-A-2021266303
(21) 2021266303 (22) 11.11.2021
(54) Processing of mineral sand particulates
(51) Int. Cl.
C22B 1/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)
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(72) Bernard, Nick; Bultitude-Paull, John; Gough, Ian; Griffiths, Chris; DeMol, John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd

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(21) 2021266306

(71) Australian Valve Group Pty Ltd
(11) AU-A-2022221511
(21) 2022221511 (22) 25.08.2022
(54) WATER MIXING AND FLOW APPARATUS

(51) Int. Cl.
F16K 27/02 (2006.01)
E03B 1/04 (2006.01)
E03C 1/02 (2006.01)
F16K 11/22 (2006.01)
F16K 31/00 (2006.01)
G05D 23/13 (2006.01)
G05D 16/00 (2006.01)
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(72) Ullrot, Marcus Eric; Morris, Peter John
(74) Golja Haines & Friend

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(11) AU-A-2021221694
(21) 2021221694 (22) 25.08.2021
(54) A SCREENING SYSTEM TO IDENTIFY PATHOGENS OR GENETIC DIFFERENCES
(51) Int. Cl.
G01N 21/03 (2006.01)
C12Q 1/6848 (2018.01)
G01N 21/13 (2006.01)
G01N 21/25 (2006.01)
G01N 21/27 (2006.01)
G01N 21/64 (2006.01)
G01J 3/02 (2006.01)
G01J 3/50 (2006.01)
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(72) Stevens, Tony; Watt, Paul; Ostergaard, Paul; Heinrich, Tatjana; Dewhurst, Robert
(74) Integrated IP

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(21) 2021221738 (22) 25.08.2021
(54) Power Adaptor
(51) Int. Cl.
H01R 13/627 (2006.01)
H01R 4/28 (2006.01)
H01R 9/03 (2006.01)
H01R 13/50 (2006.01)
H01R 13/52 (2006.01)
H01R 13/58 (2006.01)
H01R 13/639 (2006.01)
H01R 31/06 (2006.01)
(43) 16.03.2023
(72) Yaacoub, Ziad
(74) Chrysiliou IP

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(11) AU-A-2021221841
(21) 2021221841 (22) 25.08.2021
(54) Drill tip screw
(51) Int. Cl.
F16B 25/00 (2006.01)
F16B 25/10 (2006.01)
F16B 35/06 (2006.01)
(43) 16.03.2023
(72) Augimeri, Matthew
(74) FPA Patent Attorneys Pty Ltd

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(11) AU-A-2021221782
(21) 2021221782 (22) 25.08.2021

(54) Ball coupling
(51) Int. Cl.
B60D 1/28 (2006.01)
B60D 1/06 (2006.01)
B60D 1/58 (2006.01)
B60D 1/60 (2006.01)
(43) 16.03.2023
(72) BARTLETT, Allan James; BARTLETT, Geoffrey Norman
(74) Davies Collison Cave Pty Ltd

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(21) 2021269366 (22) 17.11.2021
(54) Ball coupling
(51) Int. Cl.
B60D 1/28 (2006.01)
B60D 1/06 (2006.01)
B60D 1/58 (2006.01)
B60D 1/60 (2006.01)
(31) 2021902761 (32) 25.08.21 (33) AU
(43) 16.03.2023
(62) 2021221782
(72) BARTLETT, Allan James; BARTLETT, Geoffrey Norman
(74) Davies Collison Cave Pty Ltd

(71) Becton Dickinson France
(11) AU-A-2023200858
(21) 2023200858 (22) 15.02.2023
(54) Rigid needle shield remover with drop test feature for autoinjector
(51) Int. Cl.
A61M 5/32 (2006.01)
A61M 5/20 (2006.01)
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(62) 2020228132
(72) DUCAROUGE, Pierre
(74) FB Rice Pty Ltd

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(71) Beijing Tusen Weilai Technology Co., Ltd.
(11) AU-A-2022218458
(21) 2022218458 (22) 15.08.2022
(54) Scene security level determination method, device and storage medium
(51) Int. Cl.
G06T 7/10 (2017.01)
G01C 21/34 (2006.01)
G05D 1/02 (2020.01)
G06F 16/50 (2019.01)
G06V 10/70 (2022.01)
G06V 20/50 (2022.01)
H04W 4/40 (2018.01)
(31) 202111009842.X (32) 31.08.21 (33) CN

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(72) WU, Nan
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(11) AU-A-2021221725
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(54) IMPROVEMENTS IN AND RELATING TO COMPOSITIONS FOR ALLEVIATING THE EFFECTS/SYMPTOMS OF INFLAMMATION
(51) Int. Cl.
A61K 31/7008 (2006.01)
A61K 35/618 (2015.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
(43) 16.03.2023
(72) Lu, Jun; Yin, Jack Zhong; Zheng, Nigel Naqi
(74) James & Wells Intellectual Property

(71) Bin Bypass Pty Ltd
(11) AU-A-2022221513
(21) 2022221513 (22) 25.08.2022
(54) CONTAINER DEPOSIT COLLECTION RECEPTACLE
(51) Int. Cl.
B65F 1/00 (2006.01)
A47F 7/28 (2006.01)
(31) 2021902773 (32) 25.08.21 (33) AU
(43) 16.03.2023
(72) GIBSON, Jonathan; SPANN, Kristin
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Boho Exchange Pty Ltd
(11) AU-A-2021221741
(21) 2021221741 (22) 25.08.2021
(54) Permanent formwork for staircase construction
(51) Int. Cl.
E04F 11/02 (2006.01)
E04F 11/025 (2006.01)
E04F 11/09 (2006.01)
(43) 16.03.2023
(72) Burnside, Malcolm Ian
(74) Spruson & Ferguson

(71) BOSS Products (Australia) Pty Ltd
(11) AU-A-2021221808
(21) 2021221808 (22) 25.08.2021
(54) Passive Fire Protection Device
(51) Int. Cl.
F16L 5/04 (2006.01)
A62C 2/06 (2006.01)
H02G 3/04 (2006.01)
(43) 16.03.2023
(72) Prior, Mark
(74) Argon IP Advisory Pty Ltd

(71) BOSS Products (Australia) Pty Ltd
(11) AU-A-2021221816
(21) 2021221816 (22) 25.08.2021
(54) Passive Fire Protection Device
(51) Int. Cl.
E04B 1/94 (2006.01)

A62C 2/06 (2006.01)
F16L 5/04 (2006.01)
H02G 3/22 (2006.01)
(43) 16.03.2023
(72) Prior, Mark
(74) Argon IP Advisory Pty Ltd

(71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2023200898
(21) 2023200898 (22) 16.02.2023
(54) Neural sensing in an implantable stimulator device during the provision of active stimulation
(51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/24 (2021.01)
A61B 5/00 (2006.01)
(43) 16.03.2023
(62) 2020256033
(72) WAGENBACH, David M.; GURURAJ, Kiran K.
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(71) BTL Medical Solutions a.s.
(11) AU-A-2023200903
(21) 2023200903 (22) 16.02.2023
(54) Methods and devices for aesthetic treatment of biological structures by radiofrequency and magnetic energy
(51) Int. Cl.
A61N 2/00 (2006.01)
A61B 18/00 (2006.01)
A61B 18/12 (2006.01)
A61B 18/14 (2006.01)
A61N 2/02 (2006.01)
(43) 16.03.2023
(62) 2021221916
(72) LANG, Frantisek; SCHWARZ, Tomás
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(71) Buckley, N.
(11) AU-A-2021221839
(21) 2021221839 (22) 25.08.2021
(54) Mounting of solar voltaic panels
(51) Int. Cl.
H02S 40/12 (2014.01)
F24S 30/425 (2018.01)
F24S 40/20 (2018.01)
H02S 20/30 (2014.01)
(43) 16.03.2023
(72) Buckley, Nora
(74) Acumen Intellectual Property

(71) Buddie International (Aus.) Pty Ltd
(11) AU-A-2021221621
(21) 2021221621 (22) 25.08.2021
(54) Double-sided wear two-color bra
(51) Int. Cl.
A41C 3/14 (2006.01)
A41C 3/00 (2006.01)
(43) 16.03.2023
(72) Huang, Shenglin
(74) Intellepro

(71) Buzzworks Pty Ltd
(11) AU-A-2022279372
(21) 2022279372 (22) 24.08.2022
(54) Transparent face protector and interchangeable mount device
(51) Int. Cl.
A42B 3/20 (2006.01)
A42B 3/22 (2006.01)
F41H 1/04 (2006.01)
(31) 2021902673 (32) 24.08.21 (33) AU
(43) 16.03.2023
(72) SARLIN, Shane
(74) SOUTHERN CROSS INTELLECTUAL PROPERTY PTY LTD

(71) CareFusion 303, Inc.
(11) AU-A-2022224833
(21) 2022224833 (22) 02.09.2022
(54) Ultrasonic infusion monitoring
(51) Int. Cl.
A61M 5/142 (2006.01)
G01F 1/66 (2022.01)
(31) 63/240,324 (32) 02.09.21 (33) US
(43) 16.03.2023
(72) HENNESSY, James James; HIDALGO, Ronald; O'BRIEN, Kevin; CLEARY, Thomas
(74) FB Rice Pty Ltd

(71) Castlemain, T.
(11) AU-A-2021221783
(21) 2021221783 (22) 25.08.2021
(54) A MATERIAL PICKUP APPARATUS AND METHOD OF USE
(51) Int. Cl.
A01D 57/03 (2006.01)
A01F 15/10 (2006.01)
(31) 2021902753 (32) 25.08.21 (33) AU
(43) 16.03.2023
(72) Castlemain, Troy
(74) WRAYS PTY LTD

(71) CATERPILLAR INC.
(11) AU-A-2022211863
(21) 2022211863 (22) 04.08.2022
(54) OPERATOR ASSISTANCE SYSTEM FOR WORK MACHINE
(51) Int. Cl.
G06T 7/00 (2017.01)
B60L 5/24 (2006.01)
B60L 9/00 (2019.01)
G06T 5/50 (2006.01)
G06T 7/70 (2017.01)
H04N 7/18 (2006.01)
(31) 17/411,445 (32) 25.08.21 (33) US
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(72) SANCHEZ, Rodrigo; GALOFRE, Camilo; RUTH, Eric James
(74) FPA Patent Attorneys Pty Ltd

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- (51) Int. Cl.
E21D 23/12 (2006.01)
G05B 19/042 (2006.01)
- (31) 202111016132.X (32) 31.08.21 (33) CN
(43) 16.03.2023
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- (11) AU-A-2021460326
(21) 2021460326 (22) 22.11.2021
(54) Fully mechanized mining control system
- (51) Int. Cl.
G05B 19/418 (2006.01)
E21D 23/00 (2006.01)
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(43) 16.03.2023
(72) FU, Zhen; GAO, Siwei; LI, Dianpeng; LIN, Enqiang; WANG, Zhen
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(21) 2023200895 (22) 16.02.2023
(54) Compositions and methods for treating cancers
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C07D 271/10 (2006.01)
A61K 31/433 (2006.01)
- (43) 16.03.2023
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(74) FPA Patent Attorneys Pty Ltd
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- (71) Centurion Garage Doors Pty Ltd; Superlift Garage Door Openers Ltd
- (11) AU-A-2022221501
(21) 2022221501 (22) 25.08.2022
(54) Movable Barrier Controller
- (51) Int. Cl.
E06B 9/68 (2006.01)
E05F 15/41 (2015.01)
H02P 1/00 (2006.01)
E05F 15/77 (2015.01)
G07C 9/00 (2020.01)
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(72) Canning, Steven Ronald; Canning, Mark William; Ladics, Peter Steven
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A01H 5/10 (2018.01)
C12N 15/82 (2006.01)
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(62) 2019250836
(72) WANG, Kejian; WANG, Chun
(74) James & Wells Intellectual Property
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(54) Attitude self-correcting underground transportation apparatus based on UWB technology and control method thereof
- (51) Int. Cl.
H04W 4/02 (2018.01)
E21F 13/00 (2006.01)
H04W 4/029 (2018.01)
H04W 4/30 (2018.01)
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(72) SHEN, Gang; ZHU, Zhencai; QU, Song; SA, Yunjie; TANG, Yu; LI, Xiang; YUAN, Guan; XU, Zhiou; ZHAO, Jiaqi; CHEN, Pengpeng
(74) Baxter Patent Attorneys Pty Ltd
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- (71) China University Of Petroleum(East China)
- (11) AU-A-2021427875
(21) 2021427875 (22) 26.11.2021
(54) VOC recovery process for LNG dual-fuel vessel based on heat exchange of intermediate media
- (51) Int. Cl.
F25D 3/10 (2006.01)
F28B 7/00 (2006.01)
F28B 9/04 (2006.01)
- (31) 2021109897173 (32) 26.08.21 (33) CN
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(72) ZHU, Jianlu; LI, Yuxing; WANG, Wuchang; HU, Qihui; HAN, Hui; LIU, Cuiwei; LIU, Jinhua; LI, Zihe
(74) Collison & Co
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- (71) Chroma Color Corporation
- (11) AU-A-2021221902
(21) 2021221902 (22) 27.08.2021
(54) COLORANT AND ADDITIVE CONCENTRATE CARRIER SYSTEM WITH EFFICACY OVER A WIDE RANGE OF POLYMERIC PROCESSING TEMPERATURES
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C08J 3/22 (2006.01)
C08L 33/08 (2006.01)
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(61) 2020241238
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(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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(54) MARINE CLEANING
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B63B 59/10 (2006.01)
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(72) VAN DER ROEST, Dirk; PYTTE, Aaron
(74) Westmark IP
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(21) 2022224738 (22) 30.08.2022
(54) Internal drive system for weed seed mill of combine harvester
- (51) Int. Cl.
A01F 12/00 (2006.01)
A01D 41/12 (2006.01)
- (31) 17/462,657 (32) 31.08.21 (33) US
(43) 16.03.2023
(72) Flickinger, Wayne T.; Isaac, Nathan E.
(74) Griffith Hack
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- (71) Cognoa, Inc.
- (11) AU-A-2023200849
(21) 2023200849 (22) 15.02.2023
(54) Platform and system for digital personalized medicine
- (51) Int. Cl.
G06N 5/04 (2023.01)
- (43) 16.03.2023
(62) 2018219846
(72) Vaughan, Brent
(74) FB Rice Pty Ltd
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- (71) Commonwealth Scientific and Industrial Research Organisation
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(21) 2023200868 (22) 16.02.2023
(54) Energy harvesting for sensor systems
- (51) Int. Cl.
H10N 30/20 (2023.01)
A61B 5/117 (2016.01)
G01P 15/09 (2006.01)
H02N 2/18 (2006.01)
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(62) 2017234375
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(74) FB Rice Pty Ltd
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- (71) Cook, J.
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(21) 2021221852 (22) 25.08.2021
(54) HARVESTING APPARATUS
- (51) Int. Cl.
A01D 45/26 (2006.01)
- (43) 16.03.2023
(72) Cook, Joe; Munro, Michael
(74) mdp Patent and Trade Mark Attorneys
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- (21) 2023200883

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 (11) AU-A-2022221418
 (21) 2022221418 (22) 23.08.2022
 (54) System, Program, and Method for Executing Margin Loan Transactions
 (51) Int. Cl.
G06Q 40/06 (2012.01)
G06Q 10/06 (2012.01)
G06Q 30/02 (2012.01)
G06Q 40/02 (2012.01)
 (31) 2021902755 (32) 25.08.21 (33) AU
 (43) 16.03.2023
 (72) Datt, Emanuel Ajay; Gu, Tony Yi
 (74) FB Rice Pty Ltd

(71) Datt Fintech Innovations Pty Ltd
 (11) AU-A-2022221420
 (21) 2022221420 (22) 23.08.2022
 (54) System, Program, and Method for Loan Originating and Loan Financing
 (51) Int. Cl.
G06Q 40/03 (2023.01)
G06Q 30/02 (2012.01)
G06Q 40/06 (2012.01)
 (31) 2021902757 (32) 25.08.21 (33) AU
 (43) 16.03.2023
 (72) Datt, Emanuel Ajay
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 (21) 2021221719

(71) De Clerck, S.
 (11) AU-A-2022221433
 (21) 2022221433 (22) 23.08.2022
 (54) Pneumatic Filtration System
 (51) Int. Cl.
B01D 29/66 (2006.01)
B01D 29/00 (2006.01)
B01D 29/01 (2006.01)
E03B 3/18 (2006.01)
F04B 19/06 (2006.01)
F04F 1/18 (2006.01)
C02F 1/00 (2006.01)
C02F 1/32 (2006.01)
C02F 103/42 (2006.01)
 (31) 2021902681 (32) 24.08.21 (33) AU
 (43) 16.03.2023
 (72) De Clerck, Steven
 (74) Golja Haines & Friend

(71) Deere & Company
 (11) AU-A-2022209309
 (21) 2022209309 (22) 28.07.2022
 (54) Hinged agricultural equipment
 (51) Int. Cl.
A01B 73/04 (2006.01)
A01B 15/14 (2006.01)
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 (43) 16.03.2023
 (72) Steinlage, David L.; Nefzger, Jeremy; Janelle, Luc; Svidal, Trond A.; Limaye, Padmanabh
 (74) Davies Collison Cave Pty Ltd

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 (21) 2022209310 (22) 28.07.2022
 (54) Commodity delivery field debris guard
 (51) Int. Cl.
A01C 7/20 (2006.01)
 (31) 17/459,236 (32) 27.08.21 (33) US
 (43) 16.03.2023
 (72) Zumdom, Lee E.; Frasier, Michael E.; Arnold, Matt
 (74) Davies Collison Cave Pty Ltd

(71) Denyers Pty Ltd
 (11) AU-A-2021221506
 (21) 2021221506 (22) 24.08.2021
 (54) SYSTEMS, DEVICES AND METHODS OF ENABLING REMOTE MONITORING OF ASSETS
 (51) Int. Cl.
H04W 4/029 (2018.01)
G06Q 10/08 (2012.01)
G16H 40/40 (2018.01)
H04N 21/4363 (2011.01)
H04W 24/08 (2009.01)
H04L 67/125 (2022.01)
H04W 4/80 (2018.01)
 (43) 16.03.2023
 (72) MALTO, Roy; LIU, Lex
 (74) Griffith Hack

(71) DesignereX Group Pty Ltd
 (11) AU-A-2023200841
 (21) 2023200841 (22) 15.02.2023
 (54) AN IMPROVED DESIGNER CLOTHING DISTRIBUTION SYSTEM
 (51) Int. Cl.
G06Q 30/08 (2012.01)
G06Q 30/06 (2023.01)
 (43) 16.03.2023
 (62) 2021200296
 (72) Koulis, Costa; Kore, Kirsten
 (74) Alder IP Pty Ltd

(71) Diehl Defence GmbH & Co. KG
 (11) AU-A-2022224811
 (21) 2022224811 (22) 01.09.2022
 (54) Pulse generator for an HPEM pulse
 (51) Int. Cl.
H03K 3/64 (2006.01)
H03K 3/02 (2006.01)
 (31) 10 2021 004 465.5 (32) 02.09.21 (33) DE
 (43) 16.03.2023
 (72) KADETOV, Victor; MÜNDEL, Diana
 (74) Spruson & Ferguson

(71) Draslovka Services Pty Ltd
 (11) AU-A-2021221583
 (21) 2021221583 (22) 25.08.2021
 (54) AN ONSITE SYSTEM FOR PREPARING A FUMIGANT
 (51) Int. Cl.
A23B 9/18 (2006.01)
A01M 13/00 (2006.01)
A23B 7/144 (2006.01)
A23L 3/3409 (2006.01)
A01M 1/20 (2006.01)

(43) 16.03.2023
 (72) Crocitti, John; Trocha, Adam; McConville, Kade
 (74) Baxter Patent Attorneys Pty Ltd

(71) Draslovka Services Pty Ltd
 (11) AU-A-2021221587
 (21) 2021221587 (22) 25.08.2021
 (54) A FUMIGANT VAPORISING AND DELIVERY APPARATUS
 (51) Int. Cl.
A01M 13/00 (2006.01)
A01M 1/20 (2006.01)
B01F 23/213 (2022.01)
B05B 7/16 (2006.01)
B05B 7/24 (2006.01)
B01F 101/04 (2022.01)
 (43) 16.03.2023
 (72) Crocitti, John; Trocha, Adam; McConville, Kade
 (74) Baxter Patent Attorneys Pty Ltd

(71) ECO Garage Doors Pty Ltd
 (11) AU-A-2021221530
 (21) 2021221530 (22) 24.08.2021
 (54) Panel-lift doors
 (51) Int. Cl.
E05D 15/16 (2006.01)
E05D 15/38 (2006.01)
E06B 3/44 (2006.01)
E06B 3/70 (2006.01)
 (43) 16.03.2023
 (72) Dang, Toan
 (74) BRM Patent Attorneys Pty Ltd

(71) ELMORE LTD
 (11) AU-A-2021221555
 (21) 2021221555 (22) 24.08.2021
 (54) A CONSTRUCTION SYSTEM, STRUCTURE FORMED THEREFROM AND METHOD OF FORMING AND USING THE STRUCTURE
 (51) Int. Cl.
E02D 27/44 (2006.01)
E02D 27/01 (2006.01)
E04B 1/343 (2006.01)
E04B 5/08 (2006.01)
 (31) 2021902691 (32) 24.08.21 (33) AU
 (43) 16.03.2023
 (72) Mendelawitz, David; Boyle, Scott
 (74) WRAYS PTY LTD

(71) Elyptol Pty. Ltd.
 (11) AU-A-2021221692
 (21) 2021221692 (22) 25.08.2021
 (54) Mount for a Bottle
 (51) Int. Cl.
A47K 5/12 (2006.01)
F16B 2/06 (2006.01)
F16B 21/09 (2006.01)
F16M 11/10 (2006.01)
F16M 11/04 (2006.01)
F16M 13/02 (2006.01)
 (43) 16.03.2023
 (72) O'Connor, Tim
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 (21) 2022221460 (22) 24.08.2022
 (54) Passive contaminated surface water treatment system
 (51) Int. Cl.
C02F 1/00 (2006.01)
C02F 1/28 (2006.01)
C02F 1/42 (2006.01)
C02F 101/36 (2006.01)
C02F 103/00 (2006.01)
 (31) 2021902704 (32) 24.08.21 (33) AU
 2022901124 29.04.22 AU
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 (74) IP SOLVED (ANZ) PTY. LTD.
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 (51) Int. Cl.
E02F 5/30 (2006.01)
B09C 1/08 (2006.01)
E01C 19/10 (2006.01)
E02D 3/12 (2006.01)
E02F 3/18 (2006.01)
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 (72) Lunsmann, Fred; Thomas, Andrew
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 (54) CONVEYANCE ROPE GUIDE GRIPPER ASSEMBLY
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B66B 5/24 (2006.01)
B66B 5/12 (2006.01)
B66B 15/02 (2006.01)
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C12N 15/85 (2006.01)
C12N 5/074 (2010.01)
 (43) 16.03.2023
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 (51) Int. Cl.
E21D 21/00 (2006.01)
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 (72) Dodds, Anthony
 (74) FB Rice Pty Ltd
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- (71) Fenwick & Co Limited
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 (54) DEVICE, COMPONENTS, AND KITS FOR APPLYING HAIR COMPOSITIONS AND THE MANUFACTURE AND USE THEREOF
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A45D 8/24 (2006.01)
A45D 8/30 (2006.01)
A45D 19/00 (2006.01)
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 (72) Fenwick, Aaron; Fullerton, Mark; Backler, Matthew; Rees-Jones, Blythe
 (74) Southern Cross Intellectual Property Limited
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- (71) Fenzl, M.
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 (54) Honey foam
 (51) Int. Cl.
A61K 35/644 (2015.01)
A01N 25/16 (2006.01)
A01N 65/00 (2009.01)
A01P 1/00 (2006.01)
A61K 31/167 (2006.01)
A61K 47/08 (2006.01)
A61P 17/02 (2006.01)
 (31) 63/360,034 (32) 28.08.21 (33) US
 63/361,740 15.01.22 US
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 (72) Fenzl, Mark
 (74) Warren Wong
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- (71) Fernando, R.
 (11) AU-A-2021221702
 (21) 2021221702 (22) 25.08.2021
 (54) Method and device for increasing the chances of conceiving a baby of desired gender
 (51) Int. Cl.
A61B 10/00 (2006.01)
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 (72) Fernando, Ranga
 (74) BOSH IP Pty Ltd
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2021221545
 (21) 2021221545 (22) 24.08.2021
 (54) A VALVE UNIT FOR A RESPIRATORY SUPPORT SYSTEM AND AN ASSEMBLY THEREFOR
 (51) Int. Cl.
A61M 16/16 (2006.01)
 (43) 16.03.2023
 (72) Wilson, Tristan; Mackenzie, Alexander
 (74) Catalyst Intellectual Property
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2021221574
 (21) 2021221574 (22) 25.08.2021
 (54) Respiratory Therapy Accessory
 (51) Int. Cl.
A61M 16/00 (2006.01)
A61B 50/20 (2016.01)
A61M 16/04 (2006.01)
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
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 (72) White, Andrew; Janjua, Mehak; Belleux, Emeric; James, Hugo
 (74) Chapman Tripp Patents Limited
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 (54) PATENT INTERFACE GAS SAMPLING
 (51) Int. Cl.
A61B 5/097 (2006.01)
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A61M 16/06 (2006.01)
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A61M 16/00 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick
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 (11) AU-A-2022201936
 (21) 2022201936 (22) 21.03.2022
 (54) METHOD AND DEVICE FOR CONTROLLING MAGNETIC RESISTANCE OF EXERCISE BIKE AND EXERCISE BIKE
 (51) Int. Cl.
A63B 21/005 (2006.01)
A63B 22/06 (2006.01)
H02K 7/10 (2006.01)
 (31) 2021110182241 (32) 01.09.21 (33) CN
 (43) 16.03.2023
 (72) He, Guotai; Liu, Guanting; Cai, Shenghong; Hu, Weisheng
 (74) Phillips Ormonde Fitzpatrick
-
- (71) Five Rings Aerospace Pty Ltd
 (11) AU-A-2021221689
 (21) 2021221689 (22) 25.08.2021
 (54) AIRCRAFT LOADER
 (51) Int. Cl.
B64C 1/22 (2006.01)
B64D 9/00 (2006.01)
B64C 1/14 (2006.01)
 (43) 16.03.2023
 (72) Cheesman, Michael; Thorimbert, David; Secomb, Glenn; Hanlon, Greg
 (74) Madderns Pty Ltd

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(71) Fortescue Metals Group Ltd
 (11) AU-A-2021221677
 (21) 2021221677 (22) 25.08.2021
 (54) Axle Buffer
 (51) Int. Cl.
 B24B 21/16 (2006.01)
 B24B 21/20 (2006.01)
 B24B 27/00 (2006.01)
 (43) 16.03.2023
 (72) VAN DER VEEN , Adriaan Piet
 (74) WRAYS PTY LTD

(71) Fraser, M.
 (11) AU-A-2021221529
 (21) 2021221529 (22) 24.08.2021
 (54) Handcart
 (51) Int. Cl.
 B62B 3/02 (2006.01)
 (43) 16.03.2023
 (72) Fraser, Mark Andrew
 (74) Spruson & Ferguson

(71) Fridge Insights Pty Ltd
 (11) AU-A-2021221480
 (21) 2021221480 (22) 24.08.2021
 (54) System and method for monitoring and controlling environmental conditions for pharmaceutical products
 (51) Int. Cl.
 G05B 19/048 (2006.01)
 A61J 1/00 (2006.01)
 G05B 13/02 (2006.01)
 G05D 23/19 (2006.01)
 H04L 67/125 (2022.01)
 H04Q 9/02 (2006.01)
 F25D 11/00 (2006.01)
 (43) 16.03.2023
 (72) Jackson, Shaun Patrick; Garrett, William Peter; Dunkerley, Roger Philip
 (74) Davies Collison Cave Pty Ltd

(71) FUJIFILM Business Innovation Corp.
 (11) AU-A-2022202196
 (21) 2022202196 (22) 31.03.2022
 (54) Transport device, fixing device, and image forming apparatus
 (51) Int. Cl.
 B41J 13/02 (2006.01)
 B41J 2/01 (2006.01)
 B41J 11/00 (2006.01)
 G03G 15/20 (2006.01)
 (31) 2021-137613 (32) 25.08.21 (33) JP
 (43) 16.03.2023
 (72) YAMASHITA, Masato; SHIMODAIRA, Yoshiaki; YAMADA, Kosuke; KODERA, Tetsuro; MATSUMOTO, Mitsuhiro; YAMASHITA, Takayuki
 (74) Spruson & Ferguson

(71) FUJIFILM Business Innovation Corp.
 (11) AU-A-2022202197
 (21) 2022202197 (22) 31.03.2022
 (54) Image forming apparatus
 (51) Int. Cl.
 B41J 13/22 (2006.01)

B41J 2/01 (2006.01)
B41J 11/00 (2006.01)
B65H 5/06 (2006.01)
B65H 7/20 (2006.01)
B65H 23/02 (2006.01)
B65H 29/20 (2006.01)
G03G 15/20 (2006.01)
 (31) 2021-137594 (32) 25.08.21 (33) JP
 (43) 16.03.2023
 (72) SUZUKI, Hiroyuki; OTSUKI, Naohito; KOIZUMI, Takehiko; CHINO, Yuta
 (74) Spruson & Ferguson

(71) FUJIFILM Business Innovation Corp.
 (11) AU-A-2022202715
 (21) 2022202715 (22) 26.04.2022
 (54) Detection device, program, and detection method
 (51) Int. Cl.
 B41J 11/00 (2006.01)
 B41J 2/01 (2006.01)
 B65H 7/10 (2006.01)
 G03G 15/14 (2006.01)
 G03G 15/22 (2006.01)
 G03G 21/14 (2006.01)
 (31) 2021-137601 (32) 25.08.21 (33) JP
 (43) 16.03.2023
 (72) SUZUKI, Hiroyuki; OTSUKI, Naohito; KOIZUMI, Takehiko; CHINO, Yuta
 (74) Spruson & Ferguson

(71) FUJIFILM Business Innovation Corp.
 (11) AU-A-2022202716
 (21) 2022202716 (22) 26.04.2022
 (54) Detection device, image forming apparatus, program, and detection method
 (51) Int. Cl.
 B41J 11/00 (2006.01)
 B41J 29/46 (2006.01)
 G03G 15/14 (2006.01)
 G03G 15/22 (2006.01)
 G03G 21/14 (2006.01)
 (31) 2021-137603 (32) 25.08.21 (33) JP
 (43) 16.03.2023
 (72) SUZUKI, Hiroyuki; OTSUKI, Naohito; KOIZUMI, Takehiko; CHINO, Yuta
 (74) Spruson & Ferguson

(71) FUJIFILM Business Innovation Corp.
 (11) AU-A-2022202717
 (21) 2022202717 (22) 26.04.2022
 (54) Detection device, image forming apparatus, program, and detection method
 (51) Int. Cl.
 B41J 11/00 (2006.01)
 B41J 2/01 (2006.01)
 B65H 7/10 (2006.01)
 G03G 15/22 (2006.01)
 (31) 2021-137602 (32) 25.08.21 (33) JP
 (43) 16.03.2023
 (72) SUZUKI, Hiroyuki; OTSUKI, Naohito; KOIZUMI, Takehiko; CHINO, Yuta
 (74) Spruson & Ferguson

(71) Gale Pacific Limited
 (11) AU-A-2021221542
 (21) 2021221542 (22) 24.08.2021

(54) LINER
 (51) Int. Cl.
 B32B 5/02 (2006.01)
 B32B 27/08 (2006.01)
 B32B 27/32 (2006.01)
 B65D 90/04 (2006.01)
 (43) 16.03.2023
 (72) Nasarczyk, Andrew; Grigoriadis, Tony
 (74) Phillips Ormonde Fitzpatrick

(71) Gallagher Group Limited
 (11) AU-A-2021221825
 (21) 2021221825 (22) 25.08.2021
 (54) A Portable Fence Reel
 (51) Int. Cl.
 B65H 75/40 (2006.01)
 A01K 3/00 (2006.01)
 B65H 75/42 (2006.01)
 B65H 75/44 (2006.01)
 E04H 17/00 (2006.01)
 E04H 17/02 (2006.01)
 E04H 17/26 (2006.01)
 (43) 16.03.2023
 (72) Wade, Robert Andrew; Dudding, Mark William
 (74) James & Wells Intellectual Property

(71) GE Healthcare Limited
 (11) AU-A-2023200789
 (21) 2023200789 (22) 13.02.2023
 (54) Solid phase purification
 (51) Int. Cl.
 C07B 59/00 (2006.01)
 B01J 19/00 (2006.01)
 C07D 237/16 (2006.01)
 (43) 16.03.2023
 (62) 2019246403
 (72) ENGELL, Torgrim; JACKSON, Alexander; KHAN, Imtiaz Ahmed; CLARKE, Alan P.; MCROBBIE, Graeme; GRIGG, Julian
 (74) Davies Collison Cave Pty Ltd

(71) General Mills, Inc.
 (11) AU-A-2022221437
 (21) 2022221437 (22) 24.08.2022
 (54) Shelf stable aggregate food product
 (51) Int. Cl.
 A23L 7/126 (2016.01)
 (31) 17/463,952 (32) 01.09.21 (33) US
 (43) 16.03.2023
 (72) FORTENER, Emily; HISSAM, Eric; PANG, Shintaro; VALENTINE, Nathan
 (74) FB Rice Pty Ltd

(71) Gen-Probe Incorporated
 (11) AU-A-2023200869
 (21) 2023200869 (22) 16.02.2023
 (54) Method for calibrating or monitoring performance of an optical measurement device
 (51) Int. Cl.
 G01N 21/27 (2006.01)
 G01N 21/64 (2006.01)

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(43) 16.03.2023
 (62) 2021240233
 (72) HAGEN, Norbert D.; OPALSKY, David;
 WALKER, George T.; KNIGHT, Byron J.
 (74) FB Rice Pty Ltd

(71) Genzyme Corporation
 (11) AU-A-2023200828
 (21) 2023200828 (22) 14.02.2023
 (54) Methods and compositions for treating
 a Serpinc1-associated disorder

(51) Int. Cl.
A61K 31/713 (2006.01)
A61P 7/04 (2006.01)
C12N 15/113 (2010.01)

(43) 16.03.2023
 (62) 2016368289
 (72) Akinc, Akin; Sorensen, Benny; Garg,
 Pushkal; Robbie, Gabriel
 (74) Griffith Hack

(71) George Androutsos
 (11) AU-A-2021225136
 (21) 2021225136 (22) 30.08.2021
 (54) Direct air displacement pump for liquids
 with smart controller

(51) Int. Cl.
F04B 49/06 (2006.01)
F04B 47/04 (2006.01)
F04B 49/02 (2006.01)
F04B 49/025 (2006.01)
F04B 49/03 (2006.01)
F04D 13/04 (2006.01)
F04D 13/08 (2006.01)
F04D 15/00 (2006.01)

(43) 16.03.2023
 (72) Androutsos, George
 (74) George Androutsos

(71) Germii Pathogen Mitigation Pty Ltd
 (11) AU-A-2021221634
 (21) 2021221634 (22) 25.08.2021
 (54) Localised Sterilisation Device

(51) Int. Cl.
A61L 2/10 (2006.01)
 (43) 16.03.2023
 (72) Van Haltren, Harold
 (74) Armour IP Pty Ltd

(71) GIBSON, J.
 (11) AU-A-2021221813
 (21) 2021221813 (22) 25.08.2021
 (54) CONTAINER DEPOSIT COLLECTION
 RECEPTACLE

(51) Int. Cl.
B65F 1/00 (2006.01)
A47F 7/28 (2006.01)
B65F 1/02 (2006.01)

(43) 16.03.2023
 (72) GIBSON, Jonathan; SPANN, Kristin
 (74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) Global Tel*Link Corp.
 (11) AU-A-2023200896
 (21) 2023200896 (22) 16.02.2023

(54) Controlled environment secure media
 streaming system

(51) Int. Cl.
G06Q 30/06 (2023.01)

(43) 16.03.2023
 (62) 2017234259
 (72) Hodge, Stephen Lee
 (74) Davies Collison Cave Pty Ltd

(71) Grace, A.
 (11) AU-A-2022221412
 (21) 2022221412 (22) 23.08.2022

(54) A drawer system
 (51) Int. Cl.
A47B 88/487 (2017.01)
A47B 88/437 (2017.01)
A47B 88/90 (2017.01)
A47B 88/75 (2017.01)

(31) 2021902694 (32) 24.08.21 (33) AU
 (43) 16.03.2023
 (72) Grace, Samuel; Macbean, Russell
 (74) Actuate Patents

(71) Grbin, D.
 (11) AU-A-2021221794
 (21) 2021221794 (22) 25.08.2021

(54) The Anti-Clockwise Clock
 (51) Int. Cl.
G04B 99/00 (2006.01)
G04B 19/04 (2006.01)

(43) 16.03.2023
 (72) Grbin, Darren
 (74) Darren N Grbin

Guey, P. see Moller, J.
 (21) 2023200881

(71) HEALTH AND BALANCE PTY LTD
 (11) AU-A-2021221751
 (21) 2021221751 (22) 25.08.2021
 (54) A MOP, A SQUEEGEE, BUCKET AND
 ASSOCIATED COMPONENTS

(51) Int. Cl.
A47L 13/22 (2006.01)
A47L 13/11 (2006.01)
A47L 13/12 (2006.01)
A47L 13/18 (2006.01)
A47L 13/258 (2006.01)
A47L 13/44 (2006.01)
A47L 13/60 (2006.01)
A47L 1/08 (2006.01)

(43) 16.03.2023
 (72) GOODRICK, Paul
 (74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) Henderson, D.
 (11) AU-A-2021221807
 (21) 2021221807 (22) 25.08.2021

(54) Vehicle Safety Assembly
 (51) Int. Cl.
E01F 9/30 (2016.01)
B60Q 1/26 (2006.01)
B60Q 1/52 (2006.01)
E01F 9/40 (2016.01)
E01F 9/623 (2016.01)

E01F 9/65 (2016.01)
E01F 9/662 (2016.01)
B60R 21/00 (2006.01)
B60R 21/34 (2011.01)
E01F 9/615 (2016.01)

(43) 16.03.2023
 (72) Henderson, Dean Anthony
 (74) Davies Collison Cave Pty Ltd

Heywood, P. see Zonneveld, E.
 (21) 2022211918

(71) Hiway Group Ltd
 (11) AU-A-2021221731
 (21) 2021221731 (22) 25.08.2021
 (54) Stabilizing machine

(51) Int. Cl.
E01C 19/10 (2006.01)
E01C 21/00 (2006.01)
E01C 23/01 (2006.01)
E02D 3/12 (2006.01)
E01C 23/088 (2006.01)

(43) 16.03.2023
 (72) Blackburn, Kane; Dorten, Thomas;
 Harper, Kallon; Trawinski, Brian; Sharp,
 Flynn
 (74) FPA Patent Attorneys Pty Ltd

(71) HONEYWELL INTERNATIONAL INC.
 (11) AU-A-2022211864
 (21) 2022211864 (22) 04.08.2022
 (54) METHOD AND APPARATUS FOR THE
 ENHANCED DIAGNOSTIC COVER-
 AGE OF A SECONDARY DEVICE OF
 A REDUNDANT CONTROLLER PAIR

(51) Int. Cl.
G06F 11/14 (2006.01)
G06F 11/07 (2006.01)
G06F 11/20 (2006.01)
G06F 16/16 (2019.01)
G06F 16/178 (2019.01)
H04L 1/22 (2006.01)

(31) 17/411,152 (32) 25.08.21 (33) US
 (43) 16.03.2023
 (72) McLAUGHLIN, Paul F.; FELIX, Joseph;
 SCHREDER, James M.; ALTIMARI,
 Robert; ROSA-BIAN, John
 (74) FPA Patent Attorneys Pty Ltd

(71) Hou, X.
 (11) AU-A-2021225197
 (21) 2021225197 (22) 01.09.2021
 (54) A Local anaesthetic skin spray

(51) Int. Cl.
A61K 31/085 (2006.01)
A61K 9/00 (2006.01)
A61K 9/12 (2006.01)
A61K 36/54 (2006.01)
A61K 36/61 (2006.01)
A61K 36/67 (2006.01)
A61P 23/02 (2006.01)

(43) 16.03.2023
 (72) Hou, Xueliang
 (74) Asia Pacific Chemical Trading Pty Ltd

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(71) Huang, G.
 (11) AU-A-2022221464
 (21) 2022221464 (22) 23.08.2022
 (54) Combined plant compounds for use in the treatment of viral infections including COVID-19
 (51) Int. Cl.
 A61K 36/18 (2006.01)
 A61P 31/14 (2006.01)
 (31) 2021106785 (32) 24.08.21 (33) AU
 (43) 16.03.2023
 (72) HUANG, Guoxin
 (74) Baxter Patent Attorneys Pty Ltd

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2023200851
 (21) 2023200851 (22) 15.02.2023
 (54) DISPLAY METHOD AND RELATED APPARATUS
 (51) Int. Cl.
 H04M 1/725 (2021.01)
 (43) 16.03.2023
 (62) 2019420297
 (72) Xu, Jie
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2023200908
 (21) 2023200908 (22) 16.02.2023
 (54) METHOD AND APPARATUS FOR INTRA PREDICTION
 (51) Int. Cl.
 H04N 19/593 (2014.01)
 H04N 19/119 (2014.01)
 (43) 16.03.2023
 (62) 2019381145
 (72) Filippov, Alexey Konstantinovich; Ruffitskiy, Vasily Alexeevich; Chen, Jianle
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) HUDSON, D.
 (11) AU-A-2021221795
 (21) 2021221795 (22) 25.08.2021
 (54) FLEXIBLE TENSIONED CRASH BARRIER
 (51) Int. Cl.
 E01F 15/06 (2006.01)
 E01F 15/04 (2006.01)
 E01F 15/08 (2006.01)
 E01F 15/14 (2006.01)
 (43) 16.03.2023
 (72) HUDSON, DAVID
 (74) AJ PARK

(71) IBUILT (AUSTRALIA) PTY LTD
 (11) AU-A-2021221843
 (21) 2021221843 (22) 25.08.2021
 (54) SYSTEM AND METHOD FOR TASK AND RESOURCE SHARING, INTEGRATION AND MANAGEMENT
 (51) Int. Cl.
 G06Q 50/08 (2012.01)
 G06Q 10/06 (2012.01)
 G06Q 40/06 (2012.01)
 (43) 16.03.2023
 (72) Bi, Hao
 (74) Wrays

(71) IGT
 (11) AU-A-2022218505
 (21) 2022218505 (22) 17.08.2022
 (54) CRYPTOCURRENCY DENOMINATED PROGRESSIVE AWARD
 (51) Int. Cl.
 G06Q 20/38 (2012.01)
 G06Q 20/36 (2012.01)
 G06Q 50/34 (2012.01)
 G07F 17/32 (2006.01)
 H04L 9/32 (2006.01)
 (31) 17/410,954 (32) 24.08.21 (33) US
 (43) 16.03.2023
 (72) Higgins, Kevin; Nelson, Dwayne
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) IGT
 (11) AU-A-2022224752
 (21) 2022224752 (22) 31.08.2022
 (54) SETTLING OUTSTANDING DEBT RESPONSIVE TO GAMING EVENT
 (51) Int. Cl.
 G07F 9/02 (2006.01)
 G06Q 40/02 (2012.01)
 G07F 17/32 (2006.01)
 (31) 17/464,305 (32) 01.09.21 (33) US
 (43) 16.03.2023
 (72) Shepherd, Jeffery; Higgins, Kevin
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221527
 (21) 2021221527 (22) 24.08.2021
 (54) Magnetic Door Latch and Lock Mechanisms
 (51) Int. Cl.
 E05B 65/10 (2006.01)
 E05B 47/00 (2006.01)
 E05B 65/08 (2006.01)
 E05C 1/00 (2006.01)
 E05C 1/08 (2006.01)
 E05C 19/00 (2006.01)
 (43) 16.03.2023
 (72) BEARDMORE, Dean; MARSHALL, Bryan; HANNA, Zac
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221651
 (21) 2021221651 (22) 25.08.2021
 (54) Dowel system
 (51) Int. Cl.
 E01C 11/14 (2006.01)
 E04B 1/48 (2006.01)
 E01C 7/12 (2006.01)
 E01C 11/10 (2006.01)
 (43) 16.03.2023
 (72) MASON, Greg Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221663
 (21) 2021221663 (22) 25.08.2021
 (54) Crack inducer device
 (51) Int. Cl.

E01C 11/10 (2006.01)
E01C 23/02 (2006.01)
 (43) 16.03.2023
 (72) MASON, Greg Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221674
 (21) 2021221674 (22) 25.08.2021
 (54) Joint former apparatus
 (51) Int. Cl.
 E04F 15/02 (2006.01)
 E04B 1/61 (2006.01)
 E04C 2/32 (2006.01)
 E04C 2/00 (2006.01)
 E04F 15/08 (2006.01)
 (43) 16.03.2023
 (72) MASON, Greg Stephen
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221724
 (21) 2021221724 (22) 25.08.2021
 (54) Nut with injection port for reinforcing bar
 (51) Int. Cl.
 F16B 39/02 (2006.01)
 F16B 37/00 (2006.01)
 E04C 5/12 (2006.01)
 E04C 5/16 (2006.01)
 (43) 16.03.2023
 (72) GILMOUR, Cameron; NACCINI, Emanuele; SEAGRAVE, Terry
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221743
 (21) 2021221743 (22) 25.08.2021
 (54) Lifting apparatus and method of lifting
 (51) Int. Cl.
 E04G 21/14 (2006.01)
 E04G 21/16 (2006.01)
 E04C 2/00 (2006.01)
 (43) 16.03.2023
 (72) PELLERIN, Jeffrey
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221844
 (21) 2021221844 (22) 25.08.2021
 (54) Connection system
 (51) Int. Cl.
 E04C 5/16 (2006.01)
 E04B 1/04 (2006.01)
 E04B 1/18 (2006.01)
 E04B 1/38 (2006.01)
 E04B 1/41 (2006.01)
 E04C 5/01 (2006.01)
 (43) 16.03.2023
 (72) MASON, Greg Stephen; MCFARLAND, Andrew
 (74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
 (11) AU-A-2021221847
 (21) 2021221847 (22) 25.08.2021

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(54) DEVICE FOR INSTALLING A
THREADED ELEMENT

(51) Int. Cl.
B25H 1/00 (2006.01)
B23Q 9/00 (2006.01)
B25B 21/00 (2006.01)
B25B 23/10 (2006.01)
B23B 49/02 (2006.01)
B27C 3/08 (2006.01)

(43) 16.03.2023
(72) Kennelly, Bernard
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2021221849
(21) 2021221849 (22) 25.08.2021
(54) BUILDING FRAME BRACE CON-
FIGURED TO FACILITATE INSTALLA-
TION AND INSPECTION THEREOF

(51) Int. Cl.
E04B 1/26 (2006.01)
E04B 1/38 (2006.01)
E04B 7/04 (2006.01)
G01B 3/56 (2006.01)
E04B 2/70 (2006.01)
E04C 3/02 (2006.01)

(43) 16.03.2023
(72) Kennelly, Bernard
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2021221850
(21) 2021221850 (22) 25.08.2021
(54) WALL FRAME COMPRISING TIMBER
AND METAL FRAME MEMBERS

(51) Int. Cl.
E04B 2/60 (2006.01)
E04B 1/30 (2006.01)
E04B 2/70 (2006.01)
E04B 2/76 (2006.01)
E04B 2/78 (2006.01)
E04B 1/24 (2006.01)

(43) 16.03.2023
(72) Kennelly, Bernard
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2021221853
(21) 2021221853 (22) 25.08.2021
(54) IMPROVEMENTS RELATING TO
BUILDING FRAME BRACES

(51) Int. Cl.
E04B 1/26 (2006.01)
E04B 2/70 (2006.01)
E04B 5/12 (2006.01)
E04B 7/02 (2006.01)
E04G 21/18 (2006.01)
G01B 5/24 (2006.01)

(43) 16.03.2023
(72) Kennelly, Bernard
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2022209356
(21) 2022209356 (22) 29.07.2022
(54) Nut with injection port for reinforcing bar
(51) Int. Cl.

F16B 39/02 (2006.01)
F16B 37/00 (2006.01)
E04C 5/12 (2006.01)
E04C 5/16 (2006.01)

(43) 16.03.2023
(62) 2021221724
(72) GILMOUR, Cameron; NACCINI,
Emanuele; SEAGRAVE, Terry
(74) Davies Collison Cave Pty Ltd

(71) Illinois Tool Works Inc.
(11) AU-A-2022221510
(21) 2022221510 (22) 25.08.2022

(54) Improvements relating to building frame
bracing
(51) Int. Cl.
E04B 1/26 (2006.01)
E04B 2/70 (2006.01)
E04B 5/12 (2006.01)
E04B 7/02 (2006.01)
E04G 21/18 (2006.01)
G01B 5/24 (2006.01)

(43) 16.03.2023
(62) 2021221853
(72) Kennelly, Bernard
(74) Davies Collison Cave Pty Ltd

(71) Iluka Resources Limited; Australian
Nuclear Science and Technology Or-
ganisation

(11) AU-A-2021221762
(21) 2021221762 (22) 25.08.2021
(54) Mineral sand particulate processing
(51) Int. Cl.

C22B 1/06 (2006.01)
C01G 25/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)

(43) 16.03.2023
(72) Bernard, Nick; Bultitude-Paull, John;
Gough, Ian; Griffiths, Chris; DeMol,
John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd

(71) Iluka Resources Limited; Australian
Nuclear Science and Technology Or-
ganisation

(11) AU-A-2021221764
(21) 2021221764 (22) 25.08.2021
(54) Processing of mineral sand particulates
(51) Int. Cl.

C22B 1/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)

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(72) Bernard, Nick; Bultitude-Paull, John;
Gough, Ian; Griffiths, Chris; DeMol,
John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd

(71) Iluka Resources Limited; Australian
Nuclear Science and Technology Or-
ganisation

(11) AU-A-2021266297
(21) 2021266297 (22) 11.11.2021
(54) Mineral sand particulate processing
(51) Int. Cl.

C22B 1/06 (2006.01)
C01G 25/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)

(43) 16.03.2023
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(72) Bernard, Nick; Bultitude-Paull, John;
Gough, Ian; Griffiths, Chris; DeMol,
John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd

(71) Iluka Resources Limited; Australian
Nuclear Science and Technology Or-
ganisation

(11) AU-A-2021266300
(21) 2021266300 (22) 11.11.2021
(54) Mineral sand particulate processing
(51) Int. Cl.

C22B 1/06 (2006.01)
C01G 25/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)

(43) 16.03.2023
(62) 2021221762
(72) Bernard, Nick; Bultitude-Paull, John;
Gough, Ian; Griffiths, Chris; DeMol,
John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd

**Iluka Resources Limited see Australian
Nuclear Science and Technology Organ-
isation**

(21) 2021266303

(71) Iluka Resources Limited; Australian
Nuclear Science and Technology Or-
ganisation

(11) AU-A-2021266304
(21) 2021266304 (22) 11.11.2021
(54) Processing of mineral sand particulates
(51) Int. Cl.
C22B 1/06 (2006.01)

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- C04B 35/48** (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)
(43) 16.03.2023
(62) 2021221764
(72) Bernard, Nick; Bultitude-Paull, John; Gough, Ian; Griffiths, Chris; DeMol, John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Iluka Resources Limited; Australian Nuclear Science and Technology Organisation
(11) AU-A-2021266305
(21) 2021266305 **(22)** 11.11.2021
(54) Mineral sand particulate processing
(51) Int. Cl.
C22B 1/06 (2006.01)
C01G 25/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)
(43) 16.03.2023
(62) 2021221762
(72) Bernard, Nick; Bultitude-Paull, John; Gough, Ian; Griffiths, Chris; DeMol, John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Iluka Resources Limited; Australian Nuclear Science and Technology Organisation
(11) AU-A-2021266306
(21) 2021266306 **(22)** 11.11.2021
(54) Processing of mineral sand particulates
(51) Int. Cl.
C22B 1/06 (2006.01)
C04B 35/48 (2006.01)
C04B 35/626 (2006.01)
C04B 41/91 (2006.01)
C22B 1/26 (2006.01)
C22B 34/14 (2006.01)
F27B 7/06 (2006.01)
F27B 7/08 (2006.01)
F27B 7/36 (2006.01)
(43) 16.03.2023
(62) 2021221764
(72) Bernard, Nick; Bultitude-Paull, John; Gough, Ian; Griffiths, Chris; DeMol, John; Manis, Adrian; Roper, Adam
(74) FPA Patent Attorneys Pty Ltd
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- (71)** ILUKA Resources Limited
(11) AU-A-2021221701
(21) 2021221701 **(22)** 25.08.2021
(54) Method and device for horizontal bore mining
(51) Int. Cl.
E21B 43/29 (2006.01)
- E21B 7/18** (2006.01)
E21B 41/00 (2006.01)
E21C 25/60 (2006.01)
E21B 7/04 (2006.01)
E21B 10/60 (2006.01)
E21B 47/0224 (2012.01)
(31) 2021902690 **(32)** 24.08.21 **(33)** AU
(43) 16.03.2023
(72) Esterhuysen, Pieter Stephanus; Brits, Tertius Theunis; Lee, Christopher
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Immutrix Therapeutics, Inc.
(11) AU-A-2023200800
(21) 2023200800 **(22)** 14.02.2023
(54) Therapeutic compositions for viral-associated disease states and methods of making and using same
(51) Int. Cl.
A61M 1/34 (2006.01)
(43) 16.03.2023
(62) 2021200849
(72) Rae, Carol A.; Simoni, Jan; Moeller, John F.
(74) Davies Collision Cave Pty Ltd
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- (71)** Incitec Pivot Limited
(11) AU-A-2022224713
(21) 2022224713 **(22)** 29.08.2022
(54) Nitrogen Fertiliser with Water Soluble Micro-Elements
(51) Int. Cl.
C05C 1/00 (2006.01)
C05G 5/23 (2020.01)
(31) 2021902809 **(32)** 30.08.21 **(33)** AU
(43) 16.03.2023
(72) Kahlil, Roya; Hughes, Timothy
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71)** Inoptec Limited,
(11) AU-A-2023200847
(21) 2023200847 **(22)** 15.02.2023
(54) Electronic Spectacles
(51) Int. Cl.
G02C 7/10 (2006.01)
A61F 9/02 (2006.01)
(43) 16.03.2023
(62) 2021218127
(72) Knoll, Ralf G. J.
(74) Dennemeyer & Associates
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- (71)** Institute for Information Industry
(11) AU-A-2022205223
(21) 2022205223 **(22)** 13.07.2022
(54) WEARABLE POSITIONING DEVICE AND WEARABLE POSITIONING METHOD
(51) Int. Cl.
G01S 19/47 (2010.01)
A61B 5/11 (2006.01)
G01C 21/10 (2006.01)
G01C 21/18 (2006.01)
G05B 19/045 (2006.01)
(31) 110131932 **(32)** 27.08.21 **(33)** TW
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(72) Chen, Chun; Shih, Chih-Hung; Chiang, Yu Hung
(74) Madderns Pty Ltd
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- (71)** Intelligas Technology Developments Pty Ltd
(11) AU-A-2021221505
(21) 2021221505 **(22)** 24.08.2021
(54) Pipe puncture tool
(51) Int. Cl.
F16L 41/06 (2006.01)
F16L 47/34 (2006.01)
B21D 28/28 (2006.01)
B21D 28/34 (2006.01)
B26F 1/00 (2006.01)
B26F 1/14 (2006.01)
(43) 16.03.2023
(72) Nichols, David Stuart Roy
(74) Spruson & Ferguson
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- (71)** Intelligas Technology Developments Pty Ltd
(11) AU-A-2021221595
(21) 2021221595 **(22)** 25.08.2021
(54) Pipe repair system
(51) Int. Cl.
F16L 55/168 (2006.01)
C09J 5/02 (2006.01)
C09J 7/25 (2018.01)
F16L 55/17 (2006.01)
F16L 9/12 (2006.01)
F16L 11/04 (2006.01)
(43) 16.03.2023
(72) Nichols, David Stuart Roy
(74) Spruson & Ferguson
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- (71)** IP Reserve Pty Ltd
(11) AU-A-2021221565
(21) 2021221565 **(22)** 25.08.2021
(54) A CLIP
(51) Int. Cl.
F16B 2/18 (2006.01)
B60J 7/10 (2006.01)
B60J 7/12 (2006.01)
E04H 15/08 (2006.01)
(43) 16.03.2023
(72) ROBERTS, CHRISTOPHER; JUNG, MAYER; THOMLINSON, AIDEN
(74) DAVIS IP PTY LTD
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- (71)** IP Reserve Pty Ltd
(11) AU-A-2021221660
(21) 2021221660 **(22)** 25.08.2021
(54) A HITCH
(51) Int. Cl.
B60D 1/02 (2006.01)
(43) 16.03.2023
(72) ROBERTS, CHRISTOPHER; JUNG, MAYER; THOMLINSON, AIDEN
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- (71)** IP Reserve Pty Ltd
(11) AU-A-2021221680
(21) 2021221680 **(22)** 25.08.2021

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(51) Int. Cl.
A45C 11/20 (2006.01)
B65D 21/02 (2006.01)
B65D 81/38 (2006.01)
F25D 3/08 (2006.01)
 A45C 5/14 (2006.01)

(43) 16.03.2023
 (72) Roberts, Christopher; Jung, Mayer; Thomlinson, Aiden
 (74) DAVIS IP PTY LTD

(71) IP Reserve Pty Ltd
 (11) AU-A-2021221720
 (21) 2021221720 (22) 25.08.2021
 (54) A BASE

(51) Int. Cl.
F24H 9/06 (2006.01)
F16M 11/22 (2006.01)

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 (72) BRADY, ALAN; JUNG, MAYER; THOMLINSON, AIDEN
 (74) DAVIS IP PTY LTD

(71) Island Block & Paving Pty Ltd
 (11) AU-A-2021221735
 (21) 2021221735 (22) 25.08.2021
 (54) A wall block

(51) Int. Cl.
E04B 2/18 (2006.01)
E04B 2/14 (2006.01)
E04B 2/20 (2006.01)
E04B 2/26 (2006.01)
E04C 1/39 (2006.01)
E04H 17/14 (2006.01)

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 (72) Thurlow, Phil; Bassett, Jason
 (74) Spruson & Ferguson

(71) iStorage Limited
 (11) AU-A-2023200899
 (21) 2023200899 (22) 16.02.2023
 (54) Methods and systems of securely transferring data

(51) Int. Cl.
G06F 21/34 (2013.01)
G06F 21/44 (2013.01)
G06F 21/60 (2013.01)

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 (72) MICHAEL, John
 (74) Spruson & Ferguson

(71) Jaram Products Pty Ltd
 (11) AU-A-2021221752
 (21) 2021221752 (22) 25.08.2021
 (54) Anchoring Mechanism

(51) Int. Cl.
B60R 11/00 (2006.01)
F16B 2/06 (2006.01)
B60R 9/04 (2006.01)

(43) 16.03.2023
 (72) Liu, Yong Wee
 (74) WRAYS PTY LTD

JINKO SOLAR CO., LTD. see ZHEJIANG JINKO SOLAR CO., LTD.
 (21) 2023200864

(71) Joy Global Underground Mining LLC
 (11) AU-A-2022221497
 (21) 2022221497 (22) 25.08.2022
 (54) BEARING ASSEMBLY FOR A WHEEL UNIT
 (51) Int. Cl.
B60B 35/18 (2006.01)
B60B 27/00 (2006.01)
F16C 35/06 (2006.01)

(31) 63/237,935 (32) 27.08.21 (33) US
 (43) 16.03.2023
 (72) CONNELL, Alex; STEWART, Chris
 (74) Griffith Hack

(71) Jungwoo Metal Ind. Co., Ltd.
 (11) AU-A-2021261833
 (21) 2021261833 (22) 14.09.2021
 (54) Insert type pipe connecting device
 (51) Int. Cl.
F16L 21/02 (2006.01)

(31) 10-2021-0114868 (32) 30.08.21 (33) KR
 (43) 16.03.2023
 (72) LEE, Kwang Won
 (74) AJ PARK

(71) Junior, A.
 (11) AU-A-2021225168
 (21) 2021225168 (22) 31.08.2021
 (54) MySafe
 (51) Int. Cl.
G06Q 50/28 (2012.01)
G06Q 10/06 (2012.01)
G06Q 30/06 (2012.01)

(43) 16.03.2023
 (72) Junior, Alvon
 (74) Alvon Agustino Junior

(71) Juvo Solutions Pty Ltd
 (11) AU-A-2021221628
 (21) 2021221628 (22) 25.08.2021
 (54) TELESCOPICALLY ADJUSTABLE FURNITURE LEG
 (51) Int. Cl.
A47B 91/02 (2006.01)

(43) 16.03.2023
 (72) Dekleva, Luka
 (74) WRAYS PTY LTD

(71) Kelpactive (Pty) Ltd
 (11) AU-A-2021221585
 (21) 2021221585 (22) 25.08.2021
 (54) A Cycling Cleat System
 (51) Int. Cl.
B62M 3/08 (2006.01)
A43C 15/02 (2006.01)
A43C 15/16 (2006.01)
B62J 45/00 (2020.01)
A43B 5/14 (2006.01)

(43) 16.03.2023
 (72) Friedmann, Bryn
 (74) Chrysilou IP

(71) Kubota Corporation
 (11) AU-A-2022218492
 (21) 2022218492 (22) 16.08.2022
 (54) Vehicle suspension link device and system, and work vehicle with such system
 (51) Int. Cl.
B60G 7/00 (2006.01)
B60G 9/00 (2006.01)
B60G 17/019 (2006.01)

(31) 21306151.8 (32) 25.08.21 (33) EP
 (43) 16.03.2023
 (72) MIGLIORI, Andrea; DAVID, Sebastien; IWAMOTO, Masatoshi
 (74) Spruson & Ferguson

(71) Kunming University of Science and Technology
 (11) AU-A-2022224725
 (21) 2022224725 (22) 30.08.2022
 (54) Preparation method of in-situ synthesized zirconia toughened alumina (ZTA) ceramic particles-reinforced steel matrix structural composite
 (51) Int. Cl.
C04B 35/582 (2006.01)
C04B 35/645 (2006.01)
C22C 29/00 (2006.01)
C22C 33/02 (2006.01)

(31) 202111011847.6 (32) 31.08.21 (33) CN
 (43) 16.03.2023
 (72) Sui, Yudong; Jiang, Yehua; Hou, Zhandong; Zhou, Mojin; Li, Zulai; Wen, Fangfang
 (74) Zone Patents Limited

(71) Leadfarm (Australia) Pty Ltd
 (11) AU-A-2021221601
 (21) 2021221601 (22) 25.08.2021
 (54) Preparation method of high-content saflufenacil
 (51) Int. Cl.
A01N 43/54 (2006.01)
A01N 25/14 (2006.01)
A01N 25/30 (2006.01)
A01P 13/00 (2006.01)

(43) 16.03.2023
 (72) Zhang, Yi Xiang; Zhang, Hui Ming
 (74) Pearce IP Pty Ltd

(71) Lee, X.
 (11) AU-A-2022221469
 (21) 2022221469 (22) 24.08.2022
 (54) IMPROVED FOOT-SOAKING LIQUID-CONTAINING FOOTWEAR

(51) Int. Cl.
A43B 7/12 (2006.01)
A43B 3/02 (2006.01)
A43B 3/24 (2006.01)
A43B 23/06 (2006.01)
A43B 1/028 (2022.01)
A43B 3/35 (2022.01)
A43B 3/40 (2022.01)
A43B 7/1455 (2022.01)
A43B 13/04 (2006.01)
A43B 23/07 (2006.01)
A43C 11/14 (2006.01)

(31) 2021902775 (32) 25.08.21 (33) AU

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(72) Lee, Xiaomin
(74) Sandercock & Cowie

(71) Liebenberg, H.; McCosker, R.
(11) AU-A-2021221737
(21) 2021221737 (22) 25.08.2021
(54) A DATA- AND INFORMATION MINING SYSTEM AND METHOD
(51) Int. Cl.
G06F 16/953 (2019.01)
G06F 16/24 (2019.01)
G06F 16/242 (2019.01)
G06F 16/26 (2019.01)
G06F 16/38 (2019.01)
G06F 16/9538 (2019.01)

(43) 16.03.2023
(72) Liebenberg, Hendrik; McCosker, Ravi
(74) Hendrik Johannes Liebenberg

(71) Lokaway Pty Ltd
(11) AU-A-2021221781
(21) 2021221781 (22) 25.08.2021
(54) Multi-axis door hinge system
(51) Int. Cl.
E05D 7/14 (2006.01)
E05D 3/12 (2006.01)
E06B 3/34 (2006.01)
E05B 3/00 (2006.01)
E05B 65/00 (2006.01)

(43) 16.03.2023
(72) Dunstan, Brett
(74) Davies Collison Cave Pty Ltd

(71) Madluc Pty Ltd
(11) AU-A-2021221698
(21) 2021221698 (22) 25.08.2021
(54) A surfboard
(51) Int. Cl.
B63B 32/40 (2020.01)
A63B 31/12 (2006.01)
B63B 32/22 (2020.01)
B63B 32/50 (2020.01)

(43) 16.03.2023
(72) Stacey, Paul
(74) Spruson & Ferguson

(71) MAKO Surgical Corp.
(11) AU-A-2023200856
(21) 2023200856 (22) 15.02.2023
(54) Systems and methods for preoperative planning and postoperative analysis of surgical procedures
(51) Int. Cl.
A61B 34/20 (2016.01)
A61B 17/56 (2006.01)
A61B 34/00 (2016.01)
A61B 90/00 (2016.01)

(43) 16.03.2023
(62) 2019396551
(72) DE SOUZA, Kevin Michael; HAMPP, Emily; SCHOLL, Laura
(74) FB Rice Pty Ltd

(71) Malvern Panalytical B.V.
(11) AU-A-2022224696

(21) 2022224696 (22) 29.08.2022
(54) Adaptable X-Ray Analysis Apparatus
(51) Int. Cl.
G01T 1/29 (2006.01)
G01N 23/02 (2006.01)
G01N 23/20 (2018.01)
H01J 37/252 (2006.01)
H04N 5/59 (2006.01)

(31) 21194395.6 (32) 01.09.21 (33) EP
(43) 16.03.2023
(72) Beckers, Detlef; Kharchenko, Alexander; Gateshki, Milen
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Manta Sleep LLC
(11) AU-A-2022203743
(21) 2022203743 (22) 31.05.2022
(54) EYECUP, HEADBAND, AND EYE MASK FOR SLEEPING
(51) Int. Cl.
A61F 9/04 (2006.01)
A41D 13/11 (2006.01)
A41D 20/00 (2006.01)

(31) 202111018095.6 (32) 01.09.21 (33) CN
(43) 16.03.2023
(72) Schwarz, Benjamin; Zhang, Mark
(74) Madderns Pty Ltd

(71) Marmon Crane Services, Inc.
(11) AU-A-2022224717
(21) 2022224717 (22) 29.08.2022
(54) CRANE COLLISION AVOIDANCE SYSTEM
(51) Int. Cl.
B66C 15/04 (2006.01)
B66C 13/18 (2006.01)
B66C 23/94 (2006.01)
G08B 21/18 (2006.01)

(31) 63/238,746 (32) 30.08.21 (33) US
(43) 16.03.2023
(72) BARTEK, Peter M.; FUGLEM, Alec; BENJAMIN, Timothy J.; MABEE, Arnold
(74) Spruson & Ferguson

(71) MARVEL FUSION GMBH
(11) AU-A-202218564
(21) 202218564 (22) 18.08.2022
(54) TARGET FOR TRIGGERING NUCLEAR FUSION REACTIONS NON-THERMALLY, SYSTEM AND METHOD FOR PRODUCING FUSION ENERGY
(51) Int. Cl.

G21B 3/00 (2006.01)
(31) EP21193867.5 (32) 30.08.21 (33) EP
EP21211940.8 02.12.21 EP
EP22154865.4 02.02.22 EP
(43) 16.03.2023
(72) KORN, Georg; RUHL, Hartmut
(74) AJ PARK

(71) MARVEL FUSION GMBH
(11) AU-A-202218565
(21) 202218565 (22) 18.08.2022
(54) DEVICE AND PROCEDURE FOR THE PRODUCTION OF IFE (INERTIAL FUSION ENERGY)

(51) Int. Cl.
G21B 1/19 (2006.01)
B82Y 40/00 (2011.01)
(31) EP21193867.5 (32) 30.08.21 (33) EP
EP21211940.8 02.12.21 EP
(43) 16.03.2023
(72) KORN, Georg; RUHL, Hartmut
(74) AJ PARK

(71) Matt Hangan Pty Ltd
(11) AU-A-2021221435
(21) 2021221435 (22) 23.08.2021
(54) DISPENSER FOR BLAST HOLE LINER
(51) Int. Cl.
F42B 3/087 (2006.01)
E21B 43/10 (2006.01)
F42D 1/08 (2006.01)
B65H 19/12 (2006.01)
(43) 16.03.2023
(72) Hangan, Matthew; Rodstrom, Aidan
(74) Daniel Rosenthal

(71) Max & Wils Pty. Ltd.
(11) AU-A-2021221495
(21) 2021221495 (22) 24.08.2021
(54) Concrete Formwork Element
(51) Int. Cl.
E04G 17/06 (2006.01)
E04B 5/43 (2006.01)
(43) 16.03.2023
(72) Pantano, Filip
(74) Pipers Intellectual Property

McCosker, R. see Liebenberg, H.
(21) 2021221737

(71) MCLEAN, G.E.
(11) AU-A-2021221787
(21) 2021221787 (22) 25.08.2021
(54) DEPTH INDICATOR DEVICE FOR PROTECTING A BURIED ASSET
(51) Int. Cl.
F16L 1/11 (2006.01)
G01C 15/00 (2006.01)
G01C 15/02 (2006.01)
G01C 15/04 (2006.01)
G01V 11/00 (2006.01)
G06Q 50/02 (2012.01)
(43) 16.03.2023
(72) MCLEAN, Grant Ewan
(74) WRAYS PTY LTD

(71) Meet Pat Technology Pty Ltd
(11) AU-A-2021221507
(21) 2021221507 (22) 24.08.2021
(54) Drinking fountain and fountain arm thereof
(51) Int. Cl.
E03B 9/20 (2006.01)
(43) 16.03.2023
(72) Robinson, Nicholas; Roseby, Nicholas
(74) GLMR

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 (11) AU-A-2022218462
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 (51) Int. Cl.
B25B 13/50 (2006.01)
B25B 13/06 (2006.01)
B25B 23/00 (2006.01)
E02D 5/76 (2006.01)
E02D 5/80 (2006.01)
E02D 11/00 (2006.01)
E02D 29/02 (2006.01)
E02D 5/04 (2006.01)
E02D 17/20 (2006.01)
F16B 9/00 (2006.01)
F16B 9/02 (2006.01)
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 (72) Orr, Timothy James; Huggett, Craig
 (74) FB Rice Pty Ltd

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 (11) AU-A-2022218610
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 (54) System and method for forming a concrete wall having a smooth face
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E04G 9/06 (2006.01)
E04B 1/00 (2006.01)
E04B 2/84 (2006.01)
E04G 11/08 (2006.01)
E04G 17/14 (2006.01)
E02D 5/03 (2006.01)
E02D 31/02 (2006.01)
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 (72) ORR, Timothy James; HUGGETT, Craig
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B65D 33/00 (2006.01)
B31B 70/14 (2017.01)
B31B 70/26 (2017.01)
B65D 5/18 (2006.01)
B65D 75/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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G06F 30/13 (2020.01)
G06N 20/00 (2019.01)
G06T 7/73 (2017.01)
G06T 17/00 (2006.01)

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E01F 15/14 (2006.01)
E01F 13/02 (2006.01)
E01F 13/10 (2006.01)
E01F 15/08 (2006.01)
E01F 15/10 (2006.01)
E02B 3/10 (2006.01)
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 (72) Cunningham, Michael
 (74) BRM Patent Attorneys Pty Ltd

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F04D 29/38 (2006.01)
F04D 25/08 (2006.01)
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A61K 45/00 (2006.01)
A61K 39/395 (2006.01)
A61P 25/02 (2006.01)
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B30B 11/00 (2006.01)
B30B 15/32 (2006.01)
G21F 9/30 (2006.01)

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A01N 37/02 (2006.01)
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A01P 13/00 (2006.01)
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 (51) Int. Cl.
B65D 51/16 (2006.01)
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B65D 85/34 (2006.01)
B65D 81/26 (2006.01)
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 (72) Lam, John
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B65D 81/26 (2006.01)
B65B 25/06 (2006.01)
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A01G 9/029 (2018.01)
A01G 9/08 (2006.01)
A01H 4/00 (2006.01)
B25J 9/00 (2006.01)
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F03D 9/00 (2016.01)
F03D 9/11 (2016.01)
F03D 9/19 (2016.01)
F03D 9/30 (2016.01)
F24S 10/00 (2018.01)
F24S 30/00 (2018.01)
F24S 80/00 (2018.01)
H02J 1/10 (2006.01)
H02J 3/38 (2006.01)
H02S 10/12 (2014.01)
H02S 10/40 (2014.01)
H02S 20/32 (2014.01)
B63B 35/44 (2006.01)
C25B 1/04 (2021.01)
H01M 8/0656 (2016.01)
H02J 3/46 (2006.01)
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 (54) Power Collector Mounting Assembly
 (51) Int. Cl.
B63B 35/44 (2006.01)
H02S 10/12 (2014.01)
H02S 20/20 (2014.01)
H02S 30/10 (2014.01)
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 (72) Mitchell, Roy
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 (51) Int. Cl.
B65B 61/18 (2006.01)
B65D 5/16 (2006.01)
B65D 5/54 (2006.01)
A47K 10/42 (2006.01)
B31B 50/62 (2017.01)
B65B 43/10 (2006.01)
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B31B 110/35 (2017.01)
B31B 120/40 (2017.01)
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 (72) Falzon, Len
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G08B 21/22 (2006.01)
F42D 1/045 (2006.01)
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A61B 34/20 (2016.01)
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H04R 25/00 (2006.01)
H01Q 1/27 (2006.01)
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 (51) Int. Cl.
C02F 1/00 (2006.01)
C02F 1/68 (2006.01)
C02F 1/76 (2006.01)
G05D 11/13 (2006.01)
G06Q 10/06 (2012.01)
G05B 19/045 (2006.01)
G05B 21/02 (2006.01)
G05D 11/08 (2006.01)
C02F 103/42 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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A01D 44/02 (2006.01)
A01G 33/00 (2006.01)
A01K 61/70 (2017.01)

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 (54) System and Method For Selective Image Capture On Sensor Floating On The Open Sea
 (51) Int. Cl.
G01C 13/00 (2006.01)
G01C 21/16 (2006.01)
G01N 33/18 (2006.01)
G06V 10/12 (2022.01)
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 (54) Dust suppression
 (51) Int. Cl.
B08B 15/02 (2006.01)
B01F 35/00 (2022.01)
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E06C 7/18 (2006.01)
E06C 1/34 (2006.01)
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E06C 7/42 (2006.01)
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C07D 231/40 (2006.01)
A61K 31/415 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
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C07D 405/12 (2006.01)
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C07D 413/12 (2006.01)
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C07D 417/12 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
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A61K 38/21 (2006.01)
A61K 47/60 (2017.01)
A61P 31/00 (2006.01)
A61P 31/14 (2006.01)
A61P 31/20 (2006.01)
A61P 35/00 (2006.01)
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F42B 3/02 (2006.01)
E21C 41/16 (2006.01)
F42B 3/087 (2006.01)
F42D 1/02 (2006.01)
F42D 3/04 (2006.01)
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 (72) Martin, Drew Anthony
 (74) WRAYS PTY LTD

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 (51) Int. Cl.
F42D 1/08 (2006.01)
E21C 37/00 (2006.01)
E21D 9/00 (2006.01)
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 (72) Martin, Drew Anthony
 (74) WRAYS PTY LTD

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 (51) Int. Cl.
A61K 8/19 (2006.01)
A61K 8/02 (2006.01)
A61K 8/20 (2006.01)
A61K 8/34 (2006.01)
A61K 8/362 (2006.01)
A61K 8/44 (2006.01)
A61K 8/60 (2006.01)
A61K 8/63 (2006.01)
A61Q 19/00 (2006.01)
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A01B 13/08 (2006.01)
A01B 23/02 (2006.01)
A01C 5/06 (2006.01)
E02D 3/00 (2006.01)
E02F 3/96 (2006.01)
A01B 15/08 (2006.01)
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 (74) Westmark IP

(71) Plungie IP Pty Ltd
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E04H 4/12 (2006.01)
B01D 29/31 (2006.01)
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 (51) Int. Cl.
B62D 25/20 (2006.01)
B60P 3/40 (2006.01)
B62D 23/00 (2006.01)
B62D 33/027 (2006.01)
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A22C 11/12 (2006.01)
B65B 51/04 (2006.01)
 (31) 21193335.3 (32) 26.08.21 (33) EP
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(71) Portola Pharmaceuticals, Inc.
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C12N 9/64 (2006.01)
C07K 1/22 (2006.01)
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H01B 7/295 (2006.01)
H01B 7/17 (2006.01)
H01B 7/18 (2006.01)
H01B 7/22 (2006.01)
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H02G 9/00 (2006.01)
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C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
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C12N 15/90 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (54) Belt scale accuracy improvement
 (51) Int. Cl.
G01G 11/00 (2006.01)
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 (74) Process Interface Design Pty Ltd

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 (54) CONVEYOR BELT ROLLER ASSEMBLY
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H01M 10/655 (2014.01)
H01M 10/613 (2014.01)
H01M 50/24 (2021.01)
H01M 50/293 (2021.01)
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 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Pump & Electrical Engineering Services Pty Ltd
 (11) AU-A-2021221679
 (21) 2021221679 (22) 25.08.2021
 (54) Water Heating Systems using Continuous Flow Electric Hot Water Heaters
 (51) Int. Cl.
F24D 17/00 (2006.01)
F24D 19/10 (2006.01)
F24H 1/12 (2006.01)

(43) 16.03.2023
 (72) Hiremath, Ravindra; Lokuliyana, Shalitha
 (74) COOPER IP PTY. LTD.

(71) Qualcomm Incorporated
 (11) AU-A-2023200848
 (21) 2023200848 (22) 15.02.2023
 (54) UPLINK BEAM ASSIGNMENT
 (51) Int. Cl.
H04B 7/06 (2006.01)
 (43) 16.03.2023
 (62) 2019222468
 (72) AKKARAKARAN, Sony; LUO, Tao; WANG, Xiao Feng; SADIQ, Bilal; JOHN WILSON, Makesh Pravin; NAM, Woos-eok; ZHOU, Yan
 (74) Madderns Pty Ltd

(71) Quantum-Si Incorporated
 (11) AU-A-2023200860
 (21) 2023200860 (22) 15.02.2023
 (54) Optical coupler and waveguide system
 (51) Int. Cl.
G01N 21/25 (2006.01)
G01N 21/64 (2006.01)
G01N 21/77 (2006.01)
 (43) 16.03.2023
 (62) 2017377057
 (72) Rothberg, Jonathan M.; Kabiri, Ali; Schmid, Gerard; Sickler, Jason W.; Glenn, Paul E.; West, Lawrence C.; Preston, Kyle; Gondarenko, Alexander; Cipriany, Benjamin; Beach, James; Fife, Keith G.; Ghasemi, Farshid
 (74) Davies Collison Cave Pty Ltd

(71) Quick Connect Products Pty Ltd
 (11) AU-A-2021221802
 (21) 2021221802 (22) 25.08.2021
 (54) PIPE CONNECTORS
 (51) Int. Cl.
F16L 47/06 (2006.01)
F16L 21/02 (2006.01)
 (43) 16.03.2023
 (72) Wallace, Benjamin Neil
 (74) Westmark IP

(71) RapidAIM Pty Ltd
 (11) AU-A-2021221779
 (21) 2021221779 (22) 25.08.2021
 (54) INSECT MONITORING DEVICE AND METHOD
 (51) Int. Cl.
A01M 1/02 (2006.01)
A01M 1/10 (2006.01)
A01M 1/20 (2006.01)
A01M 1/04 (2006.01)
 (43) 16.03.2023
 (72) Moore, Darren; Jones, Laura; Schellhorn, Nancy; Nagy, Rebecca
 (74) IP Flourish

(71) Raptis Pax Pty Ltd
 (11) AU-A-2021221778
 (21) 2021221778 (22) 25.08.2021

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(54) A tray
 (51) Int. Cl.
B65D 81/26 (2006.01)
B65D 1/36 (2006.01)
B65D 21/02 (2006.01)
B65D 85/34 (2006.01)

(43) 16.03.2023
 (72) Gent, Alexander
 (74) Spruson & Ferguson

(71) Rearden, LLC
 (11) AU-A-2023200897
 (21) 2023200897 (22) 16.02.2023
 (54) SYSTEMS AND METHODS FOR MAP-
 PING VIRTUAL RADIO INSTANCES
 INTO PHYSICAL VOLUMES OF CO-
 HERENCE IN DISTRIBUTED AN-
 TENNA WIRELESS SYSTEMS
 (51) Int. Cl.
H04L 27/00 (2006.01)
H04B 7/024 (2017.01)
H04B 7/0452 (2017.01)
H04L 25/03 (2006.01)

(43) 16.03.2023
 (62) 2021201184
 (72) Perlman, Stephen G.; Forenza, Anto-
 nio; Van Der Laan, Roger; Dio, Mario
 Di; Saibi, Fadi; Pitman, Timothy A.
 (74) Ellis Terry

(71) Redarc Technologies Pty Ltd
 (11) AU-A-2021221637
 (21) 2021221637 (22) 25.08.2021
 (54) ELECTRONICS HOUSING ASSEMBLY
 (51) Int. Cl.
H05K 5/00 (2006.01)
H05K 7/20 (2006.01)
H05K 5/06 (2006.01)

(43) 16.03.2023
 (72) Cosgriff, Peter William; Brady, Seth Mi-
 chael
 (74) Phillips Ormonde Fitzpatrick

(71) Redarc Technologies Pty Ltd
 (11) AU-A-2021221638
 (21) 2021221638 (22) 25.08.2021
 (54) DUAL-DIRECTION TERMINAL BLOCK
 (51) Int. Cl.
H01R 9/24 (2006.01)
H01R 12/51 (2011.01)
H01R 13/424 (2006.01)
H01R 13/58 (2006.01)
H04Q 1/14 (2006.01)

(43) 16.03.2023
 (72) Albrechtson, James Christian; Cosgriff,
 Peter William
 (74) Phillips Ormonde Fitzpatrick

(71) Redarc Technologies Pty Ltd
 (11) AU-A-2021221639
 (21) 2021221639 (22) 25.08.2021
 (54) MODULAR AND STACKABLE ELEC-
 TRONICS HOUSING
 (51) Int. Cl.
H05K 5/00 (2006.01)
H05K 5/02 (2006.01)
H05K 7/14 (2006.01)

H05K 7/20 (2006.01)
 (43) 16.03.2023
 (72) Albrechtson, James Christian
 (74) Phillips Ormonde Fitzpatrick

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2023200378
 (21) 2023200378 (22) 24.01.2023
 (54) Anti-PCSK9 inhibitory antibodies for
 treating patients with hyperlipidemia un-
 dergoing lipoprotein apheresis
 (51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
A61P 3/06 (2006.01)
A61K 39/00 (2006.01)

(43) 16.03.2023
 (62) 2016308111
 (72) Pordy, Robert C.; Manvelian, Garen
 (74) Griffith Hack

(71) Regional Power Corporation
 (11) AU-A-2021221681
 (21) 2021221681 (22) 25.08.2021
 (54) Service pillar
 (51) Int. Cl.
G08B 21/18 (2006.01)
G16Y 10/35 (2020.01)
G06Q 50/06 (2012.01)
G16Y 40/50 (2020.01)

(43) 16.03.2023
 (72) DUGGAN, Simon Peter James; SAVIG,
 Paul Allan
 (74) FPA Patent Attorneys Pty Ltd

(71) Relentless Innovation Pty Ltd
 (11) AU-A-2021221588
 (21) 2021221588 (22) 25.08.2021
 (54) PERSONAL RADIATION PROTECT-
 IVE DEVICE
 (51) Int. Cl.
A61B 6/10 (2006.01)
B32B 7/05 (2019.01)
B32B 15/14 (2006.01)
G21F 3/02 (2006.01)
A41D 27/24 (2006.01)
A41D 31/04 (2019.01)
B32B 5/02 (2006.01)

(43) 16.03.2023
 (72) HONEY, GLENN
 (74) DAVIS IP PTY LTD

(71) Resero IP Limited
 (11) AU-A-2021221693
 (21) 2021221693 (22) 25.08.2021
 (54) AN ADJUSTABLE LEG FOR FUR-
 NITURE
 (51) Int. Cl.
A47B 9/14 (2006.01)
A47B 9/20 (2006.01)
A47B 21/02 (2006.01)
A47B 41/02 (2006.01)

(43) 16.03.2023
 (72) McMillan, Peter Leslie James; Payne,
 Kenneth William
 (74) James & Wells Intellectual Property

(71) REVE ARCHITECTURE LIMITED
 (11) AU-A-2021221635
 (21) 2021221635 (22) 25.08.2021
 (54) SANDWICH PANEL AND BUILDING
 MODULE

(51) Int. Cl.
E04B 1/32 (2006.01)
B32B 1/00 (2006.01)
B32B 3/06 (2006.01)
B32B 3/08 (2006.01)
B32B 3/18 (2006.01)
B32B 3/30 (2006.01)
B32B 5/18 (2006.01)
B32B 15/04 (2006.01)
B32B 15/085 (2006.01)
B32B 15/18 (2006.01)
B32B 27/06 (2006.01)
B32B 27/32 (2006.01)
E04C 2/20 (2006.01)
E04C 2/22 (2006.01)
E04C 2/32 (2006.01)
E04C 3/04 (2006.01)
E04H 1/00 (2006.01)
E02D 5/56 (2006.01)
E02D 27/42 (2006.01)
E04C 2/34 (2006.01)

(43) 16.03.2023
 (72) Stonyer, Michael David
 (74) HENRY HUGHES IP LTD

(71) Rigetti & Co, LLC
 (11) AU-A-2023200904
 (21) 2023200904 (22) 16.02.2023
 (54) Performing a calibration process in a
 quantum computing system
 (51) Int. Cl.
G06N 99/00 (2019.01)
B82Y 10/00 (2011.01)

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 (62) 2018230440
 (72) Bloom, Benjamin Jacob; Sete, Eyob A.;
 Curtis, Michael James; Caldwell, Shane
 Arthur; Zeng, William J.; Reagor, Mat-
 thew J.; Rigetti, Chad Tyler; Karalekas,
 Peter Jonathan; Tezak, Nikolas Anton;
 Alidoust, Nasser
 (74) Davies Collison Cave Pty Ltd

(71) Rollease Acmeda, Inc.
 (11) AU-A-2022221465
 (21) 2022221465 (22) 24.08.2022
 (54) System for a window covering
 (51) Int. Cl.
E06B 9/44 (2006.01)
E06B 9/50 (2006.01)
E06B 9/174 (2006.01)

(31) 2021902726 (32) 25.08.21 (33) AU
 (43) 16.03.2023
 (72) Schofield, Aidan Arthur
 (74) Minter Ellison

(71) Rombus World Pty Ltd
 (11) AU-A-2022221468
 (21) 2022221468 (22) 24.08.2022
 (54) Support Product
 (51) Int. Cl.
E01C 9/00 (2006.01)
E01C 5/00 (2006.01)
E01C 11/00 (2006.01)

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E01C 5/20 (2006.01)
(43) 16.03.2023
(62) 2021221537
(72) Johnston, Brett Jeffrey; Simmonds, Ryan
(74) Griffith Hack
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- (71)** Romteck Australia Pty Ltd
(11) AU-A-2022215272
(21) 2022215272 **(22)** 12.08.2022
(54) Alarm Communication Device
(51) Int. Cl.
G08B 19/00 (2006.01)
G08B 21/02 (2006.01)
G08B 25/01 (2006.01)
G08B 25/10 (2006.01)
H04L 69/14 (2022.01)
H04M 11/04 (2006.01)
H04W 4/90 (2018.01)
(31) 2021902702 **(32)** 24.08.21 **(33)** AU
(43) 16.03.2023
(72) Andrews, Barry
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71)** RYGG PATENT PTY LTD
(11) AU-A-2021221614
(21) 2021221614 **(22)** 25.08.2021
(54) THERMAL MEDICAL DEVICE
(51) Int. Cl.
A61F 7/02 (2006.01)
A41D 1/00 (2018.01)
A41D 13/005 (2006.01)
A61F 7/00 (2006.01)
(43) 16.03.2023
(72) ANDREWS, SALLY-ANN; ANDREWS, STEVEN
(74) DAVIS IP PTY LTD
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- (71)** Safe Gauge Pty Ltd
(11) AU-A-2021221645
(21) 2021221645 **(22)** 25.08.2021
(54) A testing system
(51) Int. Cl.
G01D 21/02 (2006.01)
G01M 13/00 (2019.01)
H04Q 9/02 (2006.01)
G01B 5/00 (2006.01)
G01K 1/024 (2021.01)
G01L 9/08 (2006.01)
G01P 3/36 (2006.01)
G05B 23/02 (2006.01)
H04L 67/12 (2022.01)
H04W 84/18 (2009.01)
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(72) Dawson, Luke Callan; Khan, Muhammad Hasham; Olero, Scott Emmanuel; Hawkins, Daniel Frederick; Chick, Steve; Bruin, Clint
(74) Davies Collison Cave Pty Ltd
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- (71)** Sapporo Medical University; Daiichi Sankyo Company, Limited
(11) AU-A-2023200883
(21) 2023200883 **(22)** 16.02.2023
- (54)** ANTI-TROP2 ANTIBODY-DRUG CONJUGATE
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/4745 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/09 (2006.01)
(43) 16.03.2023
(62) 2020202305
(72) Agatsuma, Toshinori; Takahashi, Shu; Hasegawa, Jun; Okajima, Daisuke; Hamada, Hirofumi; Yamaguchi, Miki
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Schneider Electric (Australia) Pty Limited
(11) AU-A-2021221707
(21) 2021221707 **(22)** 25.08.2021
(54) TOGGLE SWITCH ASSEMBLIES AND SYSTEMS
(51) Int. Cl.
H01H 1/06 (2006.01)
H01H 1/12 (2006.01)
H01H 1/36 (2006.01)
H01H 9/02 (2006.01)
H01H 23/14 (2006.01)
H01R 13/46 (2006.01)
H01H 19/00 (2006.01)
(43) 16.03.2023
(72) Reb, Yannick
(74) Maddersn Pty Ltd
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- (71)** Schneider Electric (Australia) Pty Limited
(11) AU-A-2021221745
(21) 2021221745 **(22)** 25.08.2021
(54) ROCKER TO PUSH-BUTTON CARRIER
(51) Int. Cl.
H01H 3/12 (2006.01)
H01H 1/36 (2006.01)
H01H 1/58 (2006.01)
H01H 13/14 (2006.01)
H01H 23/14 (2006.01)
H01H 13/18 (2006.01)
H01H 23/16 (2006.01)
(43) 16.03.2023
(72) Gransbury, Kenneth Basil
(74) Maddersn Pty Ltd
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- (71)** Schneider Electric (Australia) Pty Limited
(11) AU-A-2021221748
(21) 2021221748 **(22)** 25.08.2021
(54) ROCKER SWITCH TO MULTI-PUSH BUTTON ARRANGEMENT
(51) Int. Cl.
H01H 13/18 (2006.01)
H01H 3/46 (2006.01)
H01H 9/54 (2006.01)
H01H 23/12 (2006.01)
H01H 13/14 (2006.01)
H01H 23/14 (2006.01)
(43) 16.03.2023
(72) Reb, Yannick
(74) Maddersn Pty Ltd
-
- (71)** Schneider Electric (Australia) Pty Limited
(11) AU-A-2021221754
(21) 2021221754 **(22)** 25.08.2021
(54) EXTENDING ROCKER SWITCH AND PLATE ARRANGEMENTS
(51) Int. Cl.
H01H 23/12 (2006.01)
H01H 3/46 (2006.01)
H01H 9/02 (2006.01)
H01H 23/04 (2006.01)
(43) 16.03.2023
(72) He, Carmen; Hannon-Tan, Jim; Russell, Tom; Turrini-Rochford, Tim
(74) Maddersn Pty Ltd
-
- (71)** Schneider Electric (Australia) Pty Limited
(11) AU-A-2021221755
(21) 2021221755 **(22)** 25.08.2021
(54) MODULAR ELECTRIC SOCKET
(51) Int. Cl.
H01R 13/66 (2006.01)
H01R 12/71 (2011.01)
H01R 13/642 (2006.01)
H01R 13/70 (2006.01)
H01R 24/76 (2011.01)
(43) 16.03.2023
(72) de Man, Gerrit
(74) Maddersn Pty Ltd
-
- (71)** Schneider Electric USA, Inc.
(11) AU-A-2023200862
(21) 2023200862 **(22)** 15.02.2023
(54) Energy management system and method
(51) Int. Cl.
G06Q 50/06 (2012.01)
(43) 16.03.2023
(62) 2017201799
(72) Menzel, Johannes
(74) WRAYS PTY LTD
-
- (71)** Scientific Games, LLC
(11) AU-A-2022221426
(21) 2022221426 **(22)** 23.08.2022

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(54) System and Method for Composing Personalized Scratch-Off Lottery Tickets
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 3/06 (2006.01)
 (31) 17/464,004 (32) 01.09.21 (33) US
 (43) 16.03.2023
 (72) MARTINECK Sr., Jeffrey D.; GARRISON, Scott B.
 (74) GLMR

(71) Scientific Games, LLC
 (11) AU-A-2022221427
 (21) 2022221427 (22) 23.08.2022
 (54) System and Method for Composing Personalized Scratch-Off Lottery Tickets
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 3/06 (2006.01)
 (31) 17/464,034 (32) 01.09.21 (33) US
 (43) 16.03.2023
 (72) MARTINECK Sr., Jeffrey D.; GARRISON, Scott B.
 (74) GLMR

(71) Seed Terminator Holdings Pty Ltd
 (11) AU-A-2021221797
 (21) 2021221797 (22) 25.08.2021
 (54) TANGENTIAL FLOW MATERIAL PROCESSING CHAMBER AND ASSOCIATED MATERIAL PROCESSING SYSTEM
 (51) Int. Cl.
A01F 12/40 (2006.01)
A01D 41/08 (2006.01)
A01D 42/00 (2006.01)
A01F 7/06 (2006.01)
B02C 13/10 (2006.01)
B02C 13/28 (2006.01)
 (43) 16.03.2023
 (72) Berry, Nicholas; Barr, James
 (74) Integrated IP

(71) Seed Terminator Holdings Pty Ltd
 (11) AU-A-2021221806
 (21) 2021221806 (22) 25.08.2021
 (54) AN IMPACT ROTOR AND ASSOCIATED MATERIAL PROCESSING SYSTEM
 (51) Int. Cl.
B02C 13/28 (2006.01)
A01F 12/40 (2006.01)
B02C 13/18 (2006.01)
 (43) 16.03.2023
 (72) Berry, Nicholas; Barr, James; Morris, Benjamin
 (74) Integrated IP

(71) Seminis Vegetable Seeds, Inc.
 (11) AU-A-2022224760
 (21) 2022224760 (22) 31.08.2022
 (54) Tomato Hybrid DRTH1025 and Parents Thereof
 (51) Int. Cl.
A01H 6/82 (2018.01)

A01H 5/08 (2018.01)
 (31) 17/464,640 (32) 01.09.21 (33) US
 (43) 16.03.2023
 (72) Bosch, Bernardus van den
 (74) Davies Collision Cave Pty Ltd

(71) SensaWeb Pty Ltd
 (11) AU-A-2021221729
 (21) 2021221729 (22) 25.08.2021
 (54) A REMOTE RADIATION SENSING DEVICE
 (51) Int. Cl.
G01T 1/18 (2006.01)
G01K 1/024 (2021.01)
G01N 33/00 (2006.01)
G16Y 40/10 (2020.01)
G16Y 40/50 (2020.01)
H01J 47/08 (2006.01)
 (43) 16.03.2023
 (72) Oliver, Darren; Turner, Simon
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240177
 (21) 2021240177 (22) 16.09.2021
 (54) Application configuration method, apparatus and device, and computer storage medium
 (51) Int. Cl.
A63F 13/70 (2014.01)
 (31) 10202109271U (32) 25.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; ZHANG, Shuai; LIN, Jinliang; XIAO, Gan; WU, Wenxuan
 (74) FB Rice Pty Ltd

(71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240195
 (21) 2021240195 (22) 16.09.2021
 (54) Data processing method, apparatus, system and device and computer-readable storage medium
 (51) Int. Cl.
G06F 9/46 (2006.01)
 (31) 10202109388P (32) 27.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; ZHANG, Shuai; LIN, Jinliang; XIAO, Gan
 (74) FB Rice Pty Ltd

(71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240197
 (21) 2021240197 (22) 16.09.2021
 (54) Logging method and apparatus, electronic device, and computer-readable storage medium
 (51) Int. Cl.
G06F 9/06 (2006.01)
 (31) 10202109276V (32) 25.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; ZHANG, Shuai; LIN, Jinliang; XIAO, Gan
 (74) FB Rice Pty Ltd

(71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240209
 (21) 2021240209 (22) 16.09.2021
 (54) Residence time determination method and apparatus, edge computing device, and storage medium
 (51) Int. Cl.
G06K 9/00 (2006.01)
 (31) 10202109386W (32) 27.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; SUN, Dongliang; ZHANG, Shuai; LIN, Jinliang; GAN, Xin
 (74) FB Rice Pty Ltd

(71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240273
 (21) 2021240273 (22) 24.09.2021
 (54) Methods, apparatuses, and systems for processing game images
 (51) Int. Cl.
G06K 9/00 (2006.01)
A63F 1/00 (2006.01)
 (31) 10202109602R (32) 02.09.21 (33) SG
 (43) 16.03.2023
 (72) XIE, Fei; WANG, Xinxin
 (74) Madderns Pty Ltd

Shandong Fuyou Technology Co. , Ltd.
 see **Shandong Jianzhu University**
 (21) 2022316516

(71) Shandong Jianzhu University; Shandong Fuyou Technology Co. , Ltd.
 (11) AU-A-2022316516
 (21) 2022316516 (22) 28.06.2022
 (54) Method for establishing feature point mapping model of tower body damage states of tower crane and method for quickly distinguishing damage
 (51) Int. Cl.
G06F 30/17 (2020.01)
G06F 30/20 (2020.01)
 (31) 2021110293691 (32) 02.09.21 (33) CN
 (43) 16.03.2023
 (72) SONG, Shijun; YANG, Rui; SONG, Lianyu; ZANG, Hongyuan; ZHANG, Huimin
 (74) Collison & Co

(71) Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co. Ltd.
 (11) AU-A-2021240257
 (21) 2021240257 (22) 30.09.2021
 (54) SOLDER STRIP AND SOLAR CELL MODULE
 (51) Int. Cl.
H01L 31/02 (2006.01)
B23K 35/02 (2006.01)
 (31) 202110980119.X (32) 25.08.21 (33) CN
 (43) 16.03.2023
 (72) BAI, Yang; WANG, Luchuang; TAO, Wusong
 (74) Franke Hyland Pty Ltd

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 (11) AU-A-2021266207
 (21) 2021266207 (22) 09.11.2021
 (54) PHOTOVOLTAIC SOLAR CELL, SOLAR CELL MODULE AND MANUFACTURING PROCESS
 (51) Int. Cl.
H01L 31/02 (2006.01)
 (31) 202110998160.X (32) 27.08.21 (33) CN
 (43) 16.03.2023
 (72) YAN, Xunlei; YU, Kun; LIU, Changming; ZHANG, Xinyu
 (74) Franke Hyland Pty Ltd
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- (71) SharkNinja Operating LLC
 (11) AU-A-2023200845
 (21) 2023200845 (22) 15.02.2023
 (54) VACUUM CLEANING DEVICE WITH FOLDABLE WAND TO PROVIDE STORAGE CONFIGURATION
 (51) Int. Cl.
A47L 9/24 (2006.01)
A47L 5/24 (2006.01)
A47L 5/28 (2006.01)
A47L 9/00 (2006.01)
 (43) 16.03.2023
 (62) 2020280983
 (72) Palladino, Gary; Niedzwecki, Scott; Chei, Junghwan; Brown, Andre David; Sutter, Catriona C. A.; Cottrell, Lee; Innes, Daniel John; Thorne, Jason
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Sheltered Wings, Inc. d/b/a Vortex Optics
 (11) AU-A-2023200893
 (21) 2023200893 (22) 16.02.2023
 (54) Viewing optic with an integrated display system
 (51) Int. Cl.
G02B 7/00 (2021.01)
F41G 1/387 (2006.01)
F41G 3/06 (2006.01)
F41G 11/00 (2006.01)
G02B 27/01 (2006.01)
 (43) 16.03.2023
 (62) 2018214674
 (72) HAVENS, Calen; LOWRY, Will; KLEMM, Ian; HAMILTON, Samuel; BOLLIG, Garrison; SCHULTZ, Craig; CARLSON, Andrew; LYLE, Jason; HAMILTON, David M.
 (74) Spruson & Ferguson
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- (71) Shopify Inc.
 (11) AU-A-2022204610
 (21) 2022204610 (22) 29.06.2022
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 (51) Int. Cl.
G06Q 30/00 (2012.01)
G06F 3/0482 (2013.01)
G06F 3/04842 (2022.01)
 (31) 17/465,409 (32) 02.09.21 (33) US
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 (74) Murray Trento & Associates Pty Ltd
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- (71) Siemens Mobility GmbH
 (11) AU-A-2022218511
 (21) 2022218511 (22) 17.08.2022
 (54) Sensor device, arrangement, and method for detecting a change in a magnetic field
 (51) Int. Cl.
B61L 1/16 (2006.01)
G01R 27/26 (2006.01)
 (31) 10 2021 209 644.1 (32) 02.09.21 (33) DE
 (43) 16.03.2023
 (72) FREISE, Rainer
 (74) Spruson & Ferguson
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 (11) AU-A-2023200885
 (21) 2023200885 (22) 16.02.2023
 (54) Joint press adapter
 (51) Int. Cl.
B25B 27/06 (2006.01)
 (43) 16.03.2023
 (62) 2021212093
 (72) GAINES, Preston T.
 (74) Griffith Hack
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- (71) Sneakerlux Pty Ltd
 (11) AU-A-2021221763
 (21) 2021221763 (22) 25.08.2021
 (54) STORAGE AND DISPLAY CONTAINER
 (51) Int. Cl.
A47F 7/08 (2006.01)
A47F 3/00 (2006.01)
A47F 5/00 (2006.01)
B65D 21/02 (2006.01)
 (43) 16.03.2023
 (72) Windle, Sarah; Windle, Marc
 (74) Griffith Hack
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- (71) Solecki, O.
 (11) AU-A-2022211873
 (21) 2022211873 (22) 04.08.2022
 (54) CALF EXERCISE DEVICE
 (51) Int. Cl.
A63B 23/04 (2006.01)
A43B 5/00 (2022.01)
A43B 7/14 (2022.01)
A61H 1/02 (2006.01)
A63B 21/055 (2006.01)
 (31) 17/462,056 (32) 31.08.21 (33) US
 (43) 16.03.2023
 (72) Solecki, Owen
 (74) James & Wells Intellectual Property
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- (71) Solo, D.
 (11) AU-A-2021221767
 (21) 2021221767 (22) 25.08.2021
 (54) SYSTEM FOR INSTALLING A LADDER HOIST
 (51) Int. Cl.
E06C 7/48 (2006.01)
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- E06C 1/34** (2006.01)
E06C 1/397 (2006.01)
E06C 7/12 (2006.01)
 (43) 16.03.2023
 (72) Solo, Dzermal
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) SOTO Group Pty Ltd
 (11) AU-A-2021221721
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 (54) Improved firearm
 (51) Int. Cl.
F41A 25/22 (2006.01)
F41A 9/42 (2006.01)
F41A 25/12 (2006.01)
F41C 7/00 (2006.01)
F41A 9/28 (2006.01)
F41A 9/69 (2006.01)
F41A 15/02 (2006.01)
F41A 19/52 (2006.01)
F41A 21/48 (2006.01)
 (43) 16.03.2023
 (72) Adams, Iain
 (74) Griffith Hack
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- (71) South East Water Corporation
 (11) AU-A-2021221641
 (21) 2021221641 (22) 25.08.2021
 (54) Smart Irrigation and Urban Cooling
 (51) Int. Cl.
A01G 25/16 (2006.01)
G05B 19/10 (2006.01)
H04Q 9/02 (2006.01)
G05B 15/02 (2006.01)
H04W 84/18 (2009.01)
 (43) 16.03.2023
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 (74) Davies Collison Cave Pty Ltd
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- (71) South East Water Corporation
 (11) AU-A-2021221642
 (21) 2021221642 (22) 25.08.2021
 (54) Fluid-Level Sensing and Monitoring for Wastewater
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E03F 5/22 (2006.01)
E03F 7/00 (2006.01)
G01F 23/284 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (21) 2023200855 (22) 15.02.2023
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B25B 13/10 (2006.01)
B25B 13/50 (2006.01)
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E04B 1/24 (2006.01)
E04C 3/40 (2006.01)
 (43) 16.03.2023
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 (74) Phillips Ormonde Fitzpatrick

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 (51) Int. Cl.
G06Q 10/06 (2012.01)
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 (74) Madderns Pty Ltd

(71) Sunbase Pty Ltd
 (11) AU-A-2021221688
 (21) 2021221688 (22) 25.08.2021
 (54) TRAILABLE VEHICLE AND METHOD OF MANUFACTURING THE SAME
 (51) Int. Cl.
B62D 23/00 (2006.01)
B60P 3/32 (2006.01)
B62D 25/06 (2006.01)
B62D 25/20 (2006.01)
 (43) 16.03.2023
 (72) LIU, BINWEI BEN
 (74) Griffith Hack

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 (54) Barrier Opening Systems
 (51) Int. Cl.
E05F 15/668 (2015.01)
E05F 15/43 (2015.01)
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G08B 13/08 (2006.01)
G08B 13/183 (2006.01)
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H01H 36/00 (2006.01)
E05F 15/78 (2015.01)
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 (72) Ladics, Peter Steven
 (74) Golja Haines & Friend

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 (54) Floor Waste
 (51) Int. Cl.
E03F 5/04 (2006.01)
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 (72) Swanston, William Francis
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 (54) ISOXAZOLINE PARASITICIDE FORMULATIONS AND METHODS FOR TREATING BLEPHARITIS
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A61K 9/70 (2006.01)
A61K 31/045 (2006.01)
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 (54) A HYBRID METHOD FOR CONTROLLING A RAILWAY SYSTEM AND AN APPARATUS THEREFOR
 (51) Int. Cl.
B61L 27/60 (2022.01)
B61L 27/12 (2022.01)
G01S 19/07 (2010.01)
G01S 19/31 (2010.01)
G01S 19/42 (2010.01)
G05B 13/04 (2006.01)
H04W 64/00 (2009.01)
G01S 5/00 (2006.01)
G05D 1/02 (2020.01)
H04L 67/12 (2022.01)
 (31) 2021902689 (32) 24.08.21 (33) AU
 (43) 16.03.2023
 (72) Jones, William
 (74) Michael Buck IP

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 (21) 2021221760 (22) 25.08.2021
 (54) TRANSPORTING A MINED MATERIAL
 (51) Int. Cl.
E21C 41/26 (2006.01)
B65D 88/12 (2006.01)
B65D 90/00 (2006.01)
B65G 3/04 (2006.01)
B65G 63/00 (2006.01)

E21C 41/16 (2006.01)
E21F 13/00 (2006.01)
G06Q 10/08 (2012.01)
G06Q 50/02 (2012.01)
 (43) 16.03.2023
 (72) OPPOLZER, FLORIAN
 (74) Griffith Hack

(71) Technological Resources Pty. Limited
 (11) AU-A-2021221812
 (21) 2021221812 (22) 25.08.2021
 (54) Methods and systems for mining
 (51) Int. Cl.
G05D 1/02 (2020.01)
G05D 1/00 (2006.01)
H04L 67/125 (2022.01)
E21C 47/00 (2006.01)
 (43) 16.03.2023
 (72) OPPOLZER, Florian; MAH, Peter; BROWN, Anne
 (74) BLACKWATTLE IP PTY LIMITED

(71) Technological Resources Pty. Limited
 (11) AU-A-2021221840
 (21) 2021221840 (22) 25.08.2021
 (54) METHOD AND APPARATUS FOR COORDINATING LOADING OF HAUL VEHICLES
 (51) Int. Cl.
G05D 1/02 (2020.01)
B60W 60/00 (2020.01)
G01S 13/931 (2020.01)
G01S 17/02 (2020.01)
G01S 17/88 (2006.01)
G05D 1/00 (2006.01)
H04L 67/12 (2022.01)
H04W 4/021 (2018.01)
H04W 4/029 (2018.01)
 (43) 16.03.2023
 (72) Oppolzer, Florian
 (74) Michael Buck IP

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 (21) 2021221826 (22) 25.08.2021
 (54) Material categorisation and transportation systems and methods
 (51) Int. Cl.
G01N 23/18 (2018.01)
B65G 47/44 (2006.01)
B65G 47/51 (2006.01)
B65G 67/08 (2006.01)
E21C 41/30 (2006.01)
G01N 33/24 (2006.01)
G01N 22/00 (2006.01)
G01N 23/00 (2006.01)
 (43) 16.03.2023
 (72) Oppolzer, Florian; Mah, Peter
 (74) FPA Patent Attorneys Pty Ltd

(71) TechNoL Pty Limited
 (11) AU-A-2021221733
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 (54) A Fire Suppression System
 (51) Int. Cl.
A62C 3/07 (2006.01)
A62C 35/13 (2006.01)

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A62C 37/36 (2006.01)
A62C 37/40 (2006.01)
A62C 37/48 (2006.01)
G08B 17/10 (2006.01)
G08B 25/10 (2006.01)
(43) 16.03.2023
(72) Edmonds, Leon; Grice, Neil; Sussman, Mike
(74) Integrated IP

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(21) 2022218515 **(22)** 17.08.2022
(54) Lawn mower
(51) Int. Cl.
A01D 34/78 (2006.01)
A01D 34/68 (2006.01)
(31) 63/238,572 **(32)** 30.08.21 **(33)** US
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(72) WILLIAMS, Ryan; KROPFELDER, Ryan; ROLLINS, James
(74) Spruson & Ferguson

(71) Thales Holdings UK Plc
(11) AU-A-202221380
(21) 202221380 **(22)** 22.08.2022
(54) A module for a towable sonar apparatus
(51) Int. Cl.
B63B 21/66 (2006.01)
B63B 22/00 (2006.01)
G01S 7/521 (2006.01)
G01S 15/89 (2006.01)
G01V 1/38 (2006.01)
(31) 2112159.5 **(32)** 25.08.21 **(33)** GB
(43) 16.03.2023
(72) SQUIRE, Jeremy
(74) Griffith Hack

(71) The Boeing Company
(11) AU-A-202221489
(21) 202221489 **(22)** 25.08.2022
(54) Extended reality systems, apparatus, and methods for musculoskeletal ergonomic improvement
(51) Int. Cl.
G09B 9/00 (2006.01)
G06F 3/048 (2013.01)
G06N 3/02 (2006.01)
G06T 13/40 (2011.01)
(31) 17/412,049 **(32)** 25.08.21 **(33)** US
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(72) LAUGHLIN, Brian D.; GEORGESON, Gary E.
(74) FB Rice Pty Ltd

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(11) AU-A-202221491
(21) 202221491 **(22)** 25.08.2022
(54) Systems, apparatus, and methods for musculoskeletal ergonomic improvement
(51) Int. Cl.
G06Q 10/06 (2012.01)
A41D 1/00 (2018.01)
A61B 5/01 (2006.01)
A61B 5/024 (2006.01)

A61B 5/08 (2006.01)
A61B 5/11 (2006.01)
A61B 5/389 (2021.01)
A63B 24/00 (2006.01)
G16H 20/30 (2018.01)
(31) 17/412,038 **(32)** 25.08.21 **(33)** US
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(72) LAUGHLIN, Brian D.; GEORGESON, Gary E.
(74) FB Rice Pty Ltd

(71) The Cashmere Caveman Co, Wild Kitchens Limited
(11) AU-A-202221477
(21) 202221477 **(22)** 25.08.2022
(54) A tent with configurable flue openings
(51) Int. Cl.
E04H 15/32 (2006.01)
E04H 15/10 (2006.01)
E04H 15/54 (2006.01)
(31) 17/463,006 **(32)** 31.08.21 **(33)** US
(43) 16.03.2023
(72) RITCHIE, Guy Stuart
(74) Spruson & Ferguson

(71) The Cashmere Caveman Co, Wild Kitchens Limited
(11) AU-A-202221478
(21) 202221478 **(22)** 25.08.2022
(54) A tent featuring retractable roof and side canvas panels or sheets
(51) Int. Cl.
E04H 15/34 (2006.01)
E04H 15/30 (2006.01)
E04H 15/54 (2006.01)
E04H 15/60 (2006.01)
(31) 17/463,017 **(32)** 31.08.21 **(33)** US
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(72) RITCHIE, Guy Stuart; DEMPSTER, Allister Mark; CHARLES-JONES, Rupert Wilson
(74) Spruson & Ferguson

(71) The Cleveland Clinic Foundation
(11) AU-A-2023200857
(21) 2023200857 **(22)** 15.02.2023
(54) ADVANCED CARDIAC WAVEFORM ANALYTICS
(51) Int. Cl.
G16H 50/20 (2018.01)
A61B 5/00 (2006.01)
A61B 5/316 (2021.01)
A61B 5/349 (2021.01)
(43) 16.03.2023
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(72) CANTILLON, Daniel J.
(74) DAVIS IP PTY LTD

(71) The General Hospital Corporation
(11) AU-A-2023200874
(21) 2023200874 **(22)** 16.02.2023
(54) Systems for and methods for using biomimetic structures providing communication in living tissue
(51) Int. Cl.
C12N 5/00 (2006.01)

(43) 16.03.2023
(62) 2016307768
(72) VACANTI, Joseph P.
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(54) Methods and systems for the production of moulded food products
(51) Int. Cl.
B65D 1/36 (2006.01)
A23P 30/10 (2016.01)
B65D 81/34 (2006.01)
B65D 77/20 (2006.01)
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(74) FB Rice Pty Ltd

(71) The Regents of the University of Michigan
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(54) ASH1L inhibitors and methods of treatment therewith
(51) Int. Cl.
C07D 209/00 (2006.01)
A61K 31/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 213/83 (2006.01)
(43) 16.03.2023
(62) 2017263574
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(74) Davies Collison Cave Pty Ltd

(71) Therma-Stor LLC
(11) AU-A-2022215319
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(54) PARALLEL FLOW EXPANSION FOR PRESSURE AND SUPERHEAT CONTROL
(51) Int. Cl.
F25B 41/335 (2021.01)
F24F 11/30 (2018.01)
F25B 39/04 (2006.01)
G05D 7/01 (2006.01)
(31) 17/465,626 **(32)** 02.09.21 **(33)** US
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(71) Thetford BV
(11) AU-A-202221455
(21) 202221455 **(22)** 24.08.2022
(54) Refrigerator
(51) Int. Cl.
F25D 17/06 (2006.01)
F25D 11/00 (2006.01)
F25D 17/08 (2006.01)

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(11) AU-A-2023200876
(21) 2023200876 (22) 16.02.2023
(54) A double road train vehicle
(51) Int. Cl.
B62D 13/02 (2006.01)
B62D 53/00 (2006.01)
B62D 53/08 (2006.01)
B62D 61/10 (2006.01)
B62D 63/06 (2006.01)

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(72) BLASETTI, Beniamino Mario Alberto
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(54) SYSTEMS AND METHODS FOR EN-
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G06Q 40/12 (2023.01)

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(11) AU-A-2023200716
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(54) SYSTEMS AND METHODS FOR
IDENTIFYING A RISK OF IMPLIEDLY
OVERRULED CONTENT BASED ON
CITATIONALLY RELATED CONTENT
(51) Int. Cl.
G06F 18/2113 (2023.01)
G06F 18/243 (2023.01)
G06F 40/20 (2020.01)
G06Q 50/18 (2012.01)

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(21) 2022218641

(71) Tiwari, A.; Tiwari, A.
(11) AU-A-2022218641
(21) 2022218641 (22) 22.08.2022
(54) Paving material compositions and pro-
duction processes therefor
(51) Int. Cl.
B29B 17/04 (2006.01)
B29C 39/02 (2006.01)
B29C 39/24 (2006.01)
B29C 39/38 (2006.01)
C04B 26/02 (2006.01)
C08J 3/20 (2006.01)
E01C 5/20 (2006.01)
E01C 13/04 (2006.01)
B29K 23/00 (2006.01)
B29K 25/00 (2006.01)
B29K 67/00 (2006.01)

(31) 2021902661 (32) 24.08.21 (33) AU
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(72) Tiwari, Ashwani; Tiwari, Akanksha
(74) Patentec Patent Attorneys

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(54) A FIN FOR A SURFBOARD AND A
METHOD OF MAKING A FIN
(51) Int. Cl.
B63B 32/62 (2020.01)
B63B 32/66 (2020.01)
B63B 32/40 (2020.01)

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(74) IP GATEWAY PATENT & TRADE
MARK ATTORNEYS PTY LTD

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(11) AU-A-2022206688
(21) 2022206688 (22) 18.07.2022
(54) Nozzle weld scanner saddle apparatus
(51) Int. Cl.
G01N 29/265 (2006.01)
(31) 2021902664 (32) 24.08.21 (33) AU
(43) 16.03.2023
(72) TOWNSEND, Leroy
(74) Patenteur Pty Ltd

(71) TRACKD, INC.
(11) AU-A-2022224845
(21) 2022224845 (22) 02.09.2022
(54) INTELLIGENT VULNERABILITY LIFE-
CYCLE MANAGEMENT SYSTEM
(51) Int. Cl.
G06F 21/57 (2013.01)
G06N 20/00 (2019.01)
G06Q 10/06 (2012.01)
(31) 63/260,869 (32) 02.09.21 (33) US
(43) 16.03.2023
(72) Starr, Michael C.
(74) RnB IP Pty Ltd

(71) Traffic Engineering Solutions; Deakin
University
(11) AU-A-2021221719
(21) 2021221719 (22) 25.08.2021

(54) Apparatus for managing and/or moni-
toring traffic
(51) Int. Cl.
E01F 9/646 (2016.01)
E01F 9/30 (2016.01)
E01F 9/673 (2016.01)
E01F 9/692 (2016.01)
E01F 13/02 (2006.01)
E01F 13/06 (2006.01)
G08G 1/01 (2006.01)
G08G 1/09 (2006.01)
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(74) Spruson & Ferguson

(71) Travers, A.; Williams, K.
(11) AU-A-2021221612
(21) 2021221612 (22) 25.08.2021
(54) Polymer Concrete Material
(51) Int. Cl.
C04B 26/02 (2006.01)
C04B 14/22 (2006.01)
B28B 5/00 (2006.01)
E01B 3/36 (2006.01)
E01C 5/06 (2006.01)
E04C 1/00 (2006.01)
E04C 3/20 (2006.01)
E04C 3/34 (2006.01)
E01D 101/24 (2006.01)
(43) 16.03.2023
(72) Travers, Alan; Williams, Kenneth
(74) Jones Tulloch

(71) Tritana Intellectual Property Ltd.
(11) AU-A-2023200889
(21) 2023200889 (22) 16.02.2023
(54) WEED SEED DESTRUCTION ON A
COMBINE HARVESTER
(51) Int. Cl.
A01D 41/12 (2006.01)
A01F 12/40 (2006.01)
A01F 12/48 (2006.01)
(31) 63/310,759 (32) 16.02.22 (33) US
63/322,735 23.03.22 US
(43) 16.03.2023
(62) 2020235767,PCT/CA2022/050711
(72) MAYERLE, Dean
(74) IP GATEWAY PATENT & TRADE
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(71) Twist Bioscience Corporation
(11) AU-A-2023200850
(21) 2023200850 (22) 15.02.2023
(54) Polynucleotide libraries having con-
trolled stoichiometry and synthesis
thereof
(51) Int. Cl.
C40B 50/14 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
(43) 16.03.2023
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(72) Zeitoun, Ramsey Ibrahim; Chen, Siy-
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 (54) A case for a first aid kit, and a first aid kit
 (51) Int. Cl.
A61F 17/00 (2006.01)
- (43) 16.03.2023
 (72) TYRRELL, Jeremy
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- (71) University of Massachusetts
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 (54) Minigene therapy
 (51) Int. Cl.
C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
A61K 48/00 (2006.01)
C12Q 1/68 (2018.01)
- (43) 16.03.2023
 (62) 2018248304
 (72) Gao, Guangping; Khanna, Hemant
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Urfig, B.E.
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 (21) 2022201450 (22) 02.03.2022
 (54) Steam shower system and device
 (51) Int. Cl.
A47K 3/28 (2006.01)
A61H 33/06 (2006.01)
B05B 1/02 (2006.01)
B05B 17/00 (2006.01)
- (31) 17/462,656 (32) 31.08.21 (33) US
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 (72) URFIG, Bernard E.
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- (71) Vehicle Development Corporation Pty Ltd
 (11) AU-A-2021221833
 (21) 2021221833 (22) 25.08.2021
 (54) LATCH MECHANISM FOR VEHICLE GLOVE BOX
 (51) Int. Cl.
E05B 83/30 (2014.01)
B60R 7/06 (2006.01)
E05B 15/04 (2006.01)
E05B 15/16 (2006.01)
E05B 85/22 (2014.01)
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 (72) WANG, Fengji
 (74) WRAYS PTY LTD
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- (71) Vermeer Manufacturing Company
 (11) AU-A-2022221547
 (21) 2022221547 (22) 26.08.2022
 (54) Material reduction machine with silenced chute
 (51) Int. Cl.
B65G 11/16 (2006.01)
B65G 11/00 (2006.01)
- (31) 63/237,761 (32) 27.08.21 (33) US

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 (72) Gangel, Scott Edward; Prieksat, Mason Carl; Daining, Stephen; Parker, Adam James
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021221481 (22) 24.08.2021
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C25B 1/04 (2021.01)
C25B 15/08 (2006.01)
F01K 23/10 (2006.01)
F01K 25/08 (2006.01)
F02G 5/02 (2006.01)
F17D 1/07 (2006.01)
- (43) 16.03.2023
 (72) Banner, Tim
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- (71) W. L. Gore & Associates, Inc.
 (11) AU-A-2023200840
 (21) 2023200840 (22) 15.02.2023
 (54) Drug therapy delivery systems and methods
 (51) Int. Cl.
A61F 9/007 (2006.01)
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E02F 9/28 (2006.01)
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 (72) Thomson, Andrew; Chapman, Kevin; McDonald, Bruce
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 (21) 2021221710 (22) 25.08.2021
 (54) A fluid management system
 (51) Int. Cl.
E21B 21/01 (2006.01)
E21B 43/26 (2006.01)
E21B 44/00 (2006.01)
G05B 19/05 (2006.01)
G06Q 10/06 (2012.01)
H04Q 9/02 (2006.01)
F04B 49/06 (2006.01)
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G05D 9/12 (2006.01)

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 (54) Multipurpose Ladder and Method
 (51) Int. Cl.
E06C 1/22 (2006.01)
E06C 1/12 (2006.01)
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 (11) AU-A-2021221699
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B65D 85/18 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick
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- (71) Wingala IoT Pty Ltd
 (11) AU-A-2021221576
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 (54) Fire-extinguisher monitoring system
 (51) Int. Cl.
A62C 37/50 (2006.01)
A62C 13/78 (2006.01)
G08B 7/06 (2006.01)
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 (72) Formica, Michael
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 (51) Int. Cl.
A23G 3/34 (2006.01)
A23G 3/48 (2006.01)
A23L 3/01 (2006.01)
A23L 3/015 (2006.01)
A23L 19/00 (2016.01)
A23L 25/00 (2016.01)
A23L 25/10 (2016.01)
A23L 27/10 (2016.01)
A23L 29/00 (2016.01)
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 (54) MARINE DRIVER SYSTEM
 (51) Int. Cl.
B63B 21/48 (2006.01)
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 (72) ROOKE, Greg
 (74) Baxter Patent Attorneys Pty Ltd

(71) Wonderland Switzerland AG
 (11) AU-A-2023200872
 (21) 2023200872 (22) 16.02.2023
 (54) Child stroller frame
 (51) Int. Cl.
B62B 7/10 (2006.01)
 (43) 16.03.2023
 (62) 2020205944
 (72) ZHONG, Zhi-ren
 (74) FB Rice Pty Ltd

(71) Worthdown Pty Ltd
 (11) AU-A-2021221516
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 (54) Formwork connector
 (51) Int. Cl.
E04G 7/24 (2006.01)
E04G 1/06 (2006.01)
E04G 5/00 (2006.01)
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E04G 5/02 (2006.01)
 (43) 16.03.2023
 (72) Corner, Paul; Fantov, Denis
 (74) GLMR

Yaakoub, J. see Alexander, A.
 (21) 2022218604

(71) ZHEJIANG JINKO SOLAR CO., LTD.;
 JINKO SOLAR CO., LTD.
 (11) AU-A-2023200864
 (21) 2023200864 (22) 15.02.2023
 (54) SOLAR CELL, PHOTOVOLTAIC MOD-
 ULE, AND METHOD FOR PREPARING
 THE SOLAR CELL
 (51) Int. Cl.
H01L 31/0463 (2014.01)
H01L 31/047 (2014.01)
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H01L 31/18 (2006.01)
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 (72) JIN, Jingsheng; ZHANG, Bike; ZHANG,
 Xinyu
 (74) AUSTRALASIA IP PTY LTD

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 agement Co. Ltd.
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(71) Zhejiang Orient Gene Biotech Co., Ltd
 (11) AU-A-2022206829
 (21) 2022206829 (22) 22.07.2022
 (54) TEST DEVICE
 (51) Int. Cl.
G01N 21/01 (2006.01)
B01L 3/00 (2006.01)
G01N 21/78 (2006.01)
 (31) 2021114162232 (32) 25.11.21 (33) CN
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 XU, Fangzhou
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 State Grid Shanghai Municipal Electric
 Power Company
 (21) 2021367384

(71) Zip-Clip Limited
 (11) AU-A-2022218589
 (21) 2022218589 (22) 19.08.2022
 (54) Splicing system and method of opera-
 tion
 (51) Int. Cl.
E04C 5/16 (2006.01)
E02D 5/30 (2006.01)
E02D 5/52 (2006.01)
F16L 3/08 (2006.01)
 (31) 2112517.4 (32) 02.09.21 (33) GB
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 (72) Macken, Robert; Clay-Michael, Mat-
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(71) Zonneveld, E.; Heywood, P.
 (11) AU-A-2022211918
 (21) 2022211918 (22) 06.08.2022
 (54) Coupling with components which pre-
 vent interchangeability
 (51) Int. Cl.
F16L 37/18 (2006.01)
F16L 25/08 (2006.01)
 (31) 63/234,160 (32) 17.08.21 (33) US
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 (72) Zonneveld, Edwin; Heywood, Peter
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2021221612	Travers, A.; Williams, K.	2021221754	Schneider Electric (Australia) Pty Limited
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2023200728	Mitsubishi Tanabe Pharma Corporation		
2023200737	Altech Chemicals Australia Pty Ltd		
2023200789	GE Healthcare Limited		
2023200800	Immutrix Therapeutics, Inc.		
2023200825	Portola Pharmaceuticals, Inc.		
2023200828	Genzyme Corporation		
2023200840	W. L. Gore & Associates, Inc.		
2023200841	Designerex Group Pty Ltd		
2023200842	Pfizer Inc.		
2023200843	Tarsus Pharmaceuticals, Inc.		
2023200845	SharkNinja Operating LLC		
2023200847	Inoptec Limited,		
2023200848	Qualcomm Incorporated		
2023200849	Cognoa, Inc.		
2023200850	Twist Bioscience Corporation		
2023200851	Huawei Technologies Co., Ltd.		
2023200855	Southern Handling And Delivery, LLC		
2023200856	MAKO Surgical Corp.		
2023200857	The Cleveland Clinic Foundation		
2023200858	Becton Dickinson France		
2023200859	Amazon Technologies, Inc.		
2023200860	Quantum-Si Incorporated		
2023200861	Monsanto Technology LLC		
2023200862	Schneider Electric USA, Inc.		
2023200864	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.		
2023200867	Apple Inc.		
2023200868	Commonwealth Scientific and Industrial Research Organisation		
2023200869	Gen-Probe Incorporated		
2023200871	Werner Co.		
2023200872	Wonderland Switzerland AG		
2023200873	The Regents of the University of Michigan		
2023200874	The General Hospital Corporation		
2023200876	Third Zeton IP Pty Ltd		
2023200879	Fate Therapeutics, Inc.		
2023200880	University of Massachusetts		
2023200881	Moller, J.; Guey, P.; Persaud, R.; Taylor, D.; Orcutt, C.		
2023200883	Sapporo Medical University; Daiichi Sankyo Company, Limited		
2023200885	Snap-on Incorporated		
2023200886	Nicoventures Trading Limited		
2023200888	Wm. Wrigley Jr. Company		
2023200889	Tritana Intellectual Property Ltd.		
2023200893	Sheltered Wings, Inc. d/b/a Vortex Optics		
2023200895	Cedars-Sinai Medical Center		
2023200896	Global Tel*Link Corp.		
2023200897	Rearden, LLC		
2023200898	Boston Scientific Neuromodulation Corporation		

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- . (**) Title not given

<p>(71) 12343096 Canada Inc. (11) AU-A-2021329453 (21) 2021329453 (22) 20.08.2021 (54) Modular assembly receptors and uses thereof (51) Int. Cl. C07K 19/00 (2006.01) A61K 35/14 (2015.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) (87) WO2022/036458 (31) 63/068,760 (32) 21.08.20 (33) US (43) 24.02.2022 (72) GAGNON, Étienne (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(54) Novel flow manifold for cryoablation catheter (51) Int. Cl. A61B 18/02 (2006.01) (87) WO2022/035583 (31) 63/065,892 (32) 14.08.20 (33) US (43) 17.02.2022 (72) PHAM, Cuong; RUPP, Kevin D.; BARKIN, Alexei V.; NOURIAN, Pedram; TRAN, Thu; KOVALCHECK, Steven W. (74) FB Rice Pty Ltd</p>	<p>(43) 27.01.2022 (72) GOURINE, Aliaksandr; GOURINE, Andrey (74) Spruson & Ferguson</p>
<p>(71) ABB Schweiz AG; ETH Zürich; Planted Foods AG (11) AU-A-2021308389 (21) 2021308389 (22) 22.06.2021 (54) Supervisory machine intelligence controls for production of meat substitutes (51) Int. Cl. A23J 3/26 (2006.01) A23P 30/20 (2016.01) B29C 48/92 (2019.01) (87) WO2022/012879 (31) 20186396.6 (32) 17.07.20 (33) EP (43) 20.01.2022 (72) HO, Chau-Hon; SPUDIC, Vedrana; LISTMANN, Kim; SCHOENBORN, Sandro; BORRELLI, Elsi-Mari; SOMMER, Philipp; MERCANGOEZ, Mehmet; RÜHS, Patrick; STIRNE-MANN, Eric; WINDHAB, Erich J.; BÖNI, Lukas (74) FB Rice Pty Ltd</p>	<p>(71) AdoRx Therapeutics Limited (11) AU-A-2021316880 (21) 2021316880 (22) 30.07.2021 (54) Antagonist compounds (51) Int. Cl. C07D 417/14 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) C07D 471/04 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01) C07D 487/10 (2006.01) C07D 491/048 (2006.01) C07D 491/10 (2006.01) C07D 498/04 (2006.01) C07D 498/10 (2006.01) (87) WO2022/023772 (31) 2011996.2 (32) 31.07.20 (33) GB (43) 03.02.2022 (72) MCCARTHY, Clive; MOULTON, Ben; WALKER, Edward Richard; MCMAHON, Pearl Siobhan (74) FB Rice Pty Ltd</p>	<p>(71) Agilent Technologies, Inc. (11) AU-A-2021335206 (21) 2021335206 (22) 25.08.2021 (54) Antibodies for use in immunohistochemistry (IHC) protocols to diagnose cancer (51) Int. Cl. C07K 16/24 (2006.01) G01N 33/574 (2006.01) (87) WO2022/046885 (31) 63/070,817 (32) 26.08.20 (33) US (43) 03.03.2022 (72) SØRENSEN, Morten Dræby; RAMSGAARD, Lasse (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) Acutronic Turbines, Inc. (11) AU-A-2022227545 (21) 2022227545 (22) 22.02.2022 (54) Plasma ignition and combustion assist system for gas turbine engines (51) Int. Cl. F02C 7/26 (2006.01) (87) WO2022/182622 (31) 63/153,022 (32) 24.02.21 (33) US (43) 01.09.2022 (72) HARRIS, Mark; BAILEY, Patrick; MONK, David; GOMEZ DEL CAMPO, Felipe; WEIBEL, Drew; GULKO, Ilya; NISHIHARA, Munetake; MCLURE, Ford (74) Spruson & Ferguson</p>	<p>(71) Aerofoils GmbH (11) AU-A-2021327713 (21) 2021327713 (22) 18.03.2021 (54) Hydrofoil watercraft (51) Int. Cl. B63B 32/10 (2020.01) B63B 32/60 (2020.01) (87) WO2022/037809 (31) 10 2020 121 847.8 (32) 20.08.20 (33) DE (43) 24.02.2022 (72) HOFMANN, Franz (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Akseera Pharma Corp.; Merchant, S.; Patel, M. (11) AU-A-2021313476 (21) 2021313476 (22) 19.07.2021 (54) Interaction of SARS-CoV-2 proteins with molecular and cellular mechanisms of host cells and formulations to treat covid-19. (51) Int. Cl. A61K 31/352 (2006.01) A61P 31/12 (2006.01) C07K 14/165 (2006.01) C07K 14/555 (2006.01) (87) WO2022/018754 (31) 202021030633 (32) 18.07.20 (33) IN 202021054151 12.12.20 IN PCT/ 30.03.21 IN IN2021/050325 (43) 27.01.2022 (72) MERCHANT, Shreema; PATEL, Manit; DUNCAN, Robin Elaine; FERNANDES, Maria Fernanda de Andrade; DR. JADHAV, Vishal Anant (74) Duncan Bucknell Company Pty Ltd</p>
<p>(71) Adagio Medical, Inc. (11) AU-A-2021324578 (21) 2021324578 (22) 27.07.2021</p>	<p>(71) Afferent Medical Solutions Ltd.; Gourine, A. (11) AU-A-2021311054 (21) 2021311054 (22) 23.07.2021 (54) Neuromodulation for the treatment of circulatory system diseases (51) Int. Cl. A61N 1/36 (2006.01) (87) WO2022/018289 (31) 2011522.6 (32) 24.07.20 (33) GB</p>	<p>(71) Allen Institute (11) AU-A-2021324975 (21) 2021324975 (22) 13.08.2021 (54) Artificial expression constructs for modulating gene expression in striatal neurons (51) Int. Cl. C12N 15/11 (2006.01) C12N 15/63 (2006.01) C12N 15/67 (2006.01) C12N 15/85 (2006.01) (87) WO2022/036255 (31) 63/066,008 (32) 14.08.20 (33) US</p>

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 (74) Griffith Hack
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- (71) Allergan, Inc.
 (11) AU-A-2021313151
 (21) 2021313151 (22) 20.07.2021
 (54) Intraocular implant with high loading of a prostamide
 (51) Int. Cl.
 A61K 31/5575 (2006.01)
 A61K 31/559 (2006.01)
 A61P 27/06 (2006.01)
 A61K 9/00 (2006.01)
 (87) WO2022/020347
 (31) 63/054,620 (32) 21.07.20 (33) US
 (43) 27.01.2022
 (72) GHEBREMESKEL, Alazar N.; WAN, Jinping; CUNNINGHAM, James J.
 (74) Davies Collison Cave Pty Ltd
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- (71) Alterity Therapeutics Limited
 (11) AU-A-2021329993
 (21) 2021329993 (22) 27.08.2021
 (54) Compounds for and methods of treating diseases
 (51) Int. Cl.
 C07D 215/40 (2006.01)
 A61P 25/28 (2006.01)
 C07D 209/16 (2006.01)
 C07D 213/53 (2006.01)
 C07D 215/12 (2006.01)
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 C07D 285/06 (2006.01)
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 C07D 333/58 (2006.01)
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 C07D 495/04 (2006.01)
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 (43) 03.03.2022
 (72) BOND, Silas; HUGGINS, Penelope Jane; PARSONS, Jack Gordon
 (74) Griffith Hack
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- (71) Alteryx, Inc.
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 (21) 2021353828 (22) 16.09.2021
 (54) System and method of operationalizing automated feature engineering
 (51) Int. Cl.
 G06N 3/04 (2006.01)
 (87) WO2022/072150
 (31) 17/039,428 (32) 30.09.20 (33) US

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 (72) KANTER, James Max; VEERAMACHANENI, Kalyan Kumar
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021353998
 (21) 2021353998 (22) 30.09.2021
 (54) Succinate salts of N-(3-(4-(3-(Diisobutylamino)Propyl)Piperazin-1-YL)Propyl)-1H-Benzo[D]Imidazol-2-Amine, Preparation Thereof And Use Of The Same
 (51) Int. Cl.
 C07D 235/30 (2006.01)
 A61K 31/4184 (2006.01)
 A61P 25/28 (2006.01)
 (87) WO2022/069654
 (31) 20306141.1 (32) 01.10.20 (33) EP
 (43) 07.04.2022
 (72) BRANTIS, Cyrille; BURLET, Stéphane; LOUGHREY, Jonathan; CHITRE, Saurabh; PRINGLE, Gavin
 (74) Spruson & Ferguson
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 (11) AU-A-2021356110
 (21) 2021356110 (22) 07.10.2021
 (54) Use of N-(3-(4-(3-(diisobutylamino)propyl)piperazin-1-yl)propyl)-1H-benzo[d]imidazol-2-amine sulphate salts and solvates thereof for the treatment of motor neuron diseases and neuromuscular junction disorders
 (51) Int. Cl.
 A61K 31/4184 (2006.01)
 A61P 21/04 (2006.01)
 A61P 25/02 (2006.01)
 A61P 25/14 (2006.01)
 A61P 25/28 (2006.01)
 (87) WO2022/074093
 (31) 20306168.4 (32) 07.10.20 (33) EP
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 (72) CALLIZOT, Noëlle; ESTRELLA, Cécilia; BARRIER, Mathieu; VERWAERDE, Philippe
 (74) Spruson & Ferguson
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- (71) AMEX SANIVAR AG
 (11) AU-A-2021337124
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 (54) Inner sealing sleeve for inserting into pipes
 (51) Int. Cl.
 F16L 55/163 (2006.01)
 (87) WO2022/048805
 (31) 10 2020 122 833.3 (32) 01.09.20 (33) DE
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 (72) HELFGEN, Darwin; VOLLENBROICH, Maximilian
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Amgen Inc.
 (11) AU-A-2021360600
 (21) 2021360600 (22) 15.10.2021

- (54) Polyvinyl sulfonate detection and removal from biomolecule compositions
 (51) Int. Cl.
 C12Q 1/686 (2018.01)
 C12N 15/10 (2006.01)
 C12Q 1/6806 (2018.01)
 C12Q 1/6851 (2018.01)
 G01N 31/02 (2006.01)
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 (51) Int. Cl.
 A61M 5/00 (2006.01)
 A61J 1/05 (2006.01)
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 B65D 81/22 (2006.01)
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 (54) Compositions and methods related to activatable therapeutic agents
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 C12Q 1/00 (2006.01)
 C12Q 1/37 (2006.01)
 G01N 30/00 (2006.01)
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 (51) Int. Cl.
 A63F 1/06 (2006.01)
 G06K 17/00 (2006.01)
 G06K 19/04 (2006.01)
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A61H 23/02 (2006.01)
A61N 1/36 (2006.01)
A61N 5/06 (2006.01)
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 (54) Polyvinyl alcohol coated cellulosic products
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B32B 27/30 (2006.01)
B32B 23/08 (2006.01)
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C08K 5/053 (2006.01)
C08K 5/098 (2006.01)
C08K 5/20 (2006.01)
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C08L 29/04 (2006.01)
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 (54) Systems and methods for tracking gaming activity
 (51) Int. Cl.
G06T 7/80 (2017.01)
G06T 7/00 (2017.01)
G06T 7/246 (2017.01)
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 (51) Int. Cl.
B65H 29/00 (2006.01)
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 (51) Int. Cl.
H04L 9/00 (2022.01)
H04L 9/08 (2006.01)
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 (54) Quantum-safe payment system
 (51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 20/10 (2012.01)
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 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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G01N 33/574 (2006.01)
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 (74) Jones Tulloch
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 (54) Process and system to utilize waste polyester in a continuous polyester polymerization process
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C08G 63/91 (2006.01)
C08F 20/10 (2006.01)
C08G 18/08 (2006.01)
C09D 167/02 (2006.01)
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 (31) 63/068,200 (32) 20.08.20 (33) US
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 (54) A system and method for the use of a signature machine to create a remote original signature
 (51) Int. Cl.
H04L 9/00 (2022.01)
G06F 17/00 (2019.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021309863
(21) 2021309863 **(22)** 06.07.2021
(54) Explosion-proof battery
(51) Int. Cl.
H01M 50/30 (2021.01)
A62C 3/16 (2006.01)
H01M 10/48 (2006.01)
H01M 50/231 (2021.01)
H01M 50/258 (2021.01)
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(31) 202010676699.9 **(32)** 14.07.20 **(33)** CN
(43) 20.01.2022
(72) SEE, Khay Wai; ZHANG, Neng; LIM, Kai Chin; WANG, Yunpeng
(74) Madderns Pty Ltd
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(11) AU-A-2021310148
(21) 2021310148 **(22)** 06.07.2021
(54) Explosion-proof battery
(51) Int. Cl.
H01M 50/30 (2021.01)
H01M 50/342 (2021.01)
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(21) 2021325387 **(22)** 04.08.2021
(54) Persistent marking of a target
(51) Int. Cl.
F41G 3/14 (2006.01)
F41G 7/22 (2006.01)
F41H 13/00 (2006.01)
(87) WO2022/034289
(31) 2012650.4 **(32)** 13.08.20 **(33)** GB
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(72) MROZICKI, Antony
(74) Spruson & Ferguson
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(11) AU-A-2021358290
(21) 2021358290 **(22)** 30.08.2021
(54) Machine and method for producing simply reinforced steel wire meshes
(51) Int. Cl.
B21F 15/10 (2006.01)
B21F 27/08 (2006.01)
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- (71)** Baoshan Iron & Steel Co., Ltd.
(11) AU-A-2021314706
(21) 2021314706 **(22)** 21.06.2021
(54) Integrated drying process and device for dry granulated slag and sludge
(51) Int. Cl.
C21B 3/08 (2006.01)
C02F 11/13 (2019.01)
F26B 3/18 (2006.01)
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(31) 202010758535.0 **(32)** 31.07.20 **(33)** CN
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(51) Int. Cl.
C09D 11/037 (2014.01)
B33Y 70/00 (2020.01)
B41M 3/14 (2006.01)
C07D 233/84 (2006.01)
C07D 239/22 (2006.01)
C09D 11/50 (2014.01)
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- (71)** Battlemax (Pty) Ltd
(11) AU-A-2021334438
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(54) Centrifugal pump
(51) Int. Cl.
F04D 7/04 (2006.01)
F04D 29/16 (2006.01)
F04D 29/22 (2006.01)
F04D 29/42 (2006.01)
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(74) GLMR
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- (71)** Bayer CropScience LP
(11) AU-A-2021328578
(21) 2021328578 **(22)** 18.08.2021
(54) Compositions and methods for controlling fungal diseases in plants
(51) Int. Cl.
A01N 25/30 (2006.01)
A01N 41/04 (2006.01)
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(11) AU-A-2021318102
(21) 2021318102 **(22)** 02.02.2021
(54) Universal antigen-specific T cell banks and methods of making and using the same therapeutically
(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
C12N 5/0783 (2010.01)
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(51) Int. Cl.
G16H 20/17 (2018.01)
G16H 40/40 (2018.01)
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(54) Method, kit and system for synchronous prenatal detection of chromosomal aneuploidy and monogenic disease
(51) Int. Cl.
G16B 20/20 (2019.01)
G16B 25/20 (2019.01)
C12Q 1/6883 (2018.01)
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 (54) Methods for the treatment of cardiovascular disease with cyclodextrins
 (51) Int. Cl.
A61K 31/724 (2006.01)
A61K 9/08 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
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 (54) Methods for the treatment of cholesterol crystal embolization with cyclodextrins
 (51) Int. Cl.
A61K 31/724 (2006.01)
A61K 9/08 (2006.01)
A61K 9/10 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
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 (21) 2021321272 (22) 06.08.2021
 (54) Oleogel
 (51) Int. Cl.
A23D 7/005 (2006.01)
A23D 9/007 (2006.01)
A23D 9/02 (2006.01)
A23J 3/22 (2006.01)
A23L 13/40 (2016.01)
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 (11) AU-A-2021325097
 (21) 2021325097 (22) 13.08.2021
 (54) System and method of providing a wireless unlocking system for a battery-powered storage device
 (51) Int. Cl.
B65D 55/02 (2006.01)
B65D 55/00 (2006.01)
B65D 81/00 (2006.01)
B65F 1/00 (2006.01)
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 (54) System and method of providing a wireless unlocking system for a group of battery-powered storage devices
 (51) Int. Cl.
B65D 55/02 (2006.01)
B65D 55/00 (2006.01)
B65D 81/00 (2006.01)
B65F 1/00 (2006.01)
B65F 1/14 (2006.01)
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 (11) AU-A-2021328349
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 (54) A3 adenosine receptor agonists for use in medicine
 (51) Int. Cl.
A61P 9/00 (2006.01)
A61K 31/437 (2006.01)
A61K 31/52 (2006.01)
A61P 11/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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C07D 471/04 (2006.01)
C07D 473/34 (2006.01)
C07D 473/40 (2006.01)
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 (21) 2021325698 (22) 09.08.2021
 (54) Garments for electrical stimulation
 (51) Int. Cl.
A61N 1/04 (2006.01)
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 (54) Preparation and storage of liposomal rna formulations suitable for therapy
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 9/127 (2006.01)
A61K 9/19 (2006.01)
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 (54) Food packaging
 (51) Int. Cl.
B65D 1/34 (2006.01)
B05D 1/02 (2006.01)
B32B 5/24 (2006.01)
B65D 5/66 (2006.01)
B65D 65/46 (2006.01)
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 (72) DAVIES, Peter
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 (21) 2021332350 (22) 26.08.2021
 (54) Cancer treatment with TLR agonist
 (51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)
A61K 45/06 (2006.01)
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 (72) LI, Lixin; ANDTBACKA, Robert; HUANG, Tao
 (74) K&L Gates
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 (21) 2021369085 (22) 20.10.2021
 (54) A cover arrangement
 (51) Int. Cl.
E06B 9/17 (2006.01)
E06B 9/323 (2006.01)
E06B 9/42 (2006.01)

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(74) Griffith Hack
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(54) Immunoglobulin mediated vaccinations against viral diseases
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 31/12 (2006.01)
C07K 16/00 (2006.01)
C07K 16/06 (2006.01)
C07K 19/00 (2006.01)
(87) WO2022/026423
(31) 63/057,061 (32) 27.07.20 (33) US
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(72) BLUTH, Martin H.
(74) FB Rice Pty Ltd
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- (71) BNSF Railway Company
(11) AU-A-2021340801
(21) 2021340801 (22) 09.09.2021
(54) Train simulator test set and method therefor
(51) Int. Cl.
B61L 27/60 (2022.01)
B61L 1/18 (2006.01)
B61L 1/20 (2006.01)
B61L 27/53 (2022.01)
B61L 29/22 (2006.01)
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(43) 17.03.2022
(72) PITTMANN, Daniel; STERLING, Ross
(74) Oxygene IP
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- (71) Boehringer Ingelheim International GmbH
(11) AU-A-2021338577
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C12Q 1/44 (2006.01)
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G02C 7/04 (2006.01)
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A61K 31/437 (2006.01)
A61P 1/16 (2006.01)
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A61P 11/00 (2006.01)
A61P 13/12 (2006.01)
C07D 451/02 (2006.01)
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C07D 403/10 (2006.01)
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F02B 37/24 (2006.01)
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A61K 9/08 (2006.01)
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A61K 47/10 (2017.01)
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C25B 1/042 (2021.01)
C25B 9/77 (2021.01)
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H04W 4/02 (2018.01)
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A61K 31/341 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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C07K 14/705 (2006.01)
C07K 19/00 (2006.01)
C12N 1/15 (2006.01)
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G10L 15/22 (2006.01)
G06F 40/30 (2020.01)
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B01D 53/14 (2006.01)
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B61F 5/52 (2006.01)
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A61K 31/4025 (2006.01)
A61K 31/4162 (2006.01)
A61K 31/424 (2006.01)
A61K 31/4355 (2006.01)
A61K 31/496 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/52 (2006.01)
A61K 31/5377 (2006.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
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F28D 15/02 (2006.01)
G06F 1/20 (2006.01)
H05K 7/20 (2006.01)
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 (54) Substituted 3-amino-4-methylbenzenesulfonamides as small molecule inhibitors of ubiquitin-specific protease 28
 (51) Int. Cl.
C07C 311/39 (2006.01)
A61P 35/00 (2006.01)
C07C 233/66 (2006.01)
C07C 311/44 (2006.01)
C07C 317/40 (2006.01)
C07D 233/61 (2006.01)
C07D 235/10 (2006.01)
C07D 295/135 (2006.01)
C07D 295/15 (2006.01)
C07D 295/26 (2006.01)
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A61K 31/4196 (2006.01)
A61K 31/42 (2006.01)
A61K 31/4245 (2006.01)
A61P 35/00 (2006.01)
C07D 271/06 (2006.01)
C07D 401/04 (2006.01)
C07D 413/04 (2006.01)
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C07D 493/04 (2006.01)
A61K 31/4365 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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C07K 14/54 (2006.01)
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G01N 33/566 (2006.01)
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G01S 1/02 (2010.01)
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A61P 17/00 (2006.01)
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B01D 53/50 (2006.01)
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C07K 16/28 (2006.01)
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H05K 7/20 (2006.01)
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 (54) Anti-transferrin receptor (TFR) antibody and uses thereof
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 A61K 38/02 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/68 (2017.01)
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 (54) Muscle targeting complexes and uses thereof for treating dystrophinopathies
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 A61K 47/68 (2017.01)
 A61P 21/00 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/113 (2010.01)
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 (54) Change management system and method
 (51) Int. Cl.
 G06Q 10/00 (2012.01)
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 G06Q 10/00 (2012.01)
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 (54) Change management system and method
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 (54) Change management system and method
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 (54) Implantable pressure sensor packaging
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 A61B 5/021 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/0215 (2006.01)
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 (51) Int. Cl.
 A61F 2/24 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/026 (2006.01)
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 (54) Medical device stabilizing systems
 (51) Int. Cl.
 A61B 90/50 (2016.01)
 A61B 90/57 (2016.01)
 A61M 25/01 (2006.01)
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 (51) Int. Cl.
 A61L 2/00 (2006.01)
 A61L 2/12 (2006.01)
 A61L 2/24 (2006.01)
 A61L 9/18 (2006.01)
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A61K 39/395 (2006.01)
A61K 39/00 (2006.01)
A61K 47/00 (2006.01)
A61K 47/26 (2006.01)
A61P 17/06 (2006.01)
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A61P 31/00 (2006.01)
C07D 207/27 (2006.01)
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A62C 35/68 (2006.01)
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B05B 1/26 (2006.01)
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C07D 455/03 (2006.01)
A61K 31/4375 (2006.01)
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H01L 31/0224 (2006.01)
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C12Q 1/6886 (2018.01)
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H01M 50/116 (2021.01)
H01M 50/119 (2021.01)
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C07D 213/65 (2006.01)
A61K 31/4439 (2006.01)
A61P 35/00 (2006.01)
C07C 255/56 (2006.01)
C07D 213/84 (2006.01)
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C07K 7/64 (2006.01)
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 (51) Int. Cl.
H04R 19/01 (2006.01)
H03F 1/08 (2006.01)
H03F 3/16 (2006.01)
H03F 3/185 (2006.01)
H03F 3/345 (2006.01)
H04R 1/08 (2006.01)
H04R 3/06 (2006.01)
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 (51) Int. Cl.
B67D 1/00 (2006.01)
A47J 31/40 (2006.01)
B65D 85/804 (2006.01)
B67D 1/04 (2006.01)
B67D 7/02 (2010.01)
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G02B 6/44 (2006.01)
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C22C 11/06 (2006.01)
C22F 1/00 (2006.01)
C22F 1/12 (2006.01)
H01M 4/14 (2006.01)
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A61K 47/26 (2006.01)
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H01M 6/52 (2006.01)
B03B 1/04 (2006.01)
C22B 3/08 (2006.01)
C22B 3/46 (2006.01)
H01M 10/54 (2006.01)
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 (54) Control circuitry for dynamic shade with electrostatic holding, and associated methods
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E06B 9/264 (2006.01)
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 (54) Dynamic shade with reactive gas compatible desiccant, and/or associated methods
 (51) Int. Cl.
E06B 9/264 (2006.01)
B01D 53/26 (2006.01)
B01J 20/04 (2006.01)
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(54) Motorized dynamic shade with electrostatic holding, and associated methods
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(21) 2021353123 (22) 21.09.2021
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C03C 17/36 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
G01N 33/574 (2006.01)
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C04B 111/62 (2006.01)
C04B 14/26 (2006.01)
C04B 20/02 (2006.01)
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(21) 2021335912 (22) 03.09.2021
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F25B 1/00 (2006.01)
B67D 1/08 (2006.01)
F25B 25/00 (2006.01)
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B67D 1/08 (2006.01)
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A61K 38/00 (2006.01)
C07K 14/605 (2006.01)
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A61G 7/012 (2006.01)
A61G 7/018 (2006.01)
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(72) FELDOTTO, Udo
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(54) Pet food compositions
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A23K 20/105 (2016.01)
A23K 20/158 (2016.01)
A23K 50/40 (2016.01)
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 G08G 1/00 (2006.01)
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 (54) Peptide composition for prevention or treatment of Alzheimer's disease
 (51) Int. Cl.
 A61K 38/08 (2019.01)
 A23L 33/18 (2016.01)
 A61P 25/28 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd
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 H02J 1/10 (2006.01)
 H02M 3/158 (2006.01)
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 H04L 12/28 (2006.01)
 H04W 12/06 (2021.01)
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 H04W 28/16 (2009.01)
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 H04W 12/02 (2009.01)
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 H04W 56/00 (2009.01)
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 H04B 7/06 (2006.01)
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 (54) Bandwidth mode indication method and apparatus
 (51) Int. Cl.
 H04W 28/20 (2009.01)
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 (54) Charging processing method, system, and related device
 (51) Int. Cl.
 H04W 4/24 (2018.01)
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 (54) Multi-link communication method, service and link mapping method, and device
 (51) Int. Cl.
 H04W 24/02 (2009.01)
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 (54) Aqueous pharmaceutical composition comprising a P2Y12 receptor antagonist
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/08 (2006.01)
 A61K 31/506 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/18 (2017.01)
 A61P 7/02 (2006.01)
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 (54) Power adjustment method and power adjustment device
 (51) Int. Cl.
H02J 7/34 (2006.01)
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 (51) Int. Cl.
F22B 37/38 (2006.01)
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G05B 23/02 (2006.01)
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 (51) Int. Cl.
A61C 9/00 (2006.01)
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C07D 307/64 (2006.01)
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A61K 47/10 (2017.01)
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 (51) Int. Cl.
A61K 9/107 (2006.01)
A61K 9/48 (2006.01)
A61K 31/047 (2006.01)
A61K 47/02 (2006.01)
A61K 47/24 (2006.01)
A61P 27/00 (2006.01)
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F25D 3/08 (2006.01)
B65D 85/78 (2006.01)
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F21V 15/01 (2006.01)
F21K 9/232 (2016.01)
F21V 5/00 (2018.01)
F21V 7/00 (2006.01)
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B65D 6/24 (2006.01)
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B65D 41/00 (2006.01)
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(51) Int. Cl.
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B01D 53/04 (2006.01)
G16H 40/40 (2018.01)
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(51) Int. Cl.
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(51) Int. Cl.
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(51) Int. Cl.
B03D 1/012 (2006.01)
B03D 1/02 (2006.01)
C22B 15/00 (2006.01)
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C12N 15/56 (2006.01)
C12N 5/10 (2006.01)
C12N 9/24 (2006.01)
C12N 15/12 (2006.01)
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 (54) Method and compound for use, in treating and/or preventing netosis
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 (54) Classifier and method of classifying
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B07B 9/02 (2006.01)
B02C 23/08 (2006.01)
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B07B 1/06 (2006.01)
B07B 4/08 (2006.01)
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C10G 3/00 (2006.01)
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B29C 43/00 (2006.01)
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G16H 10/60 (2018.01)
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E02F 5/32 (2006.01)
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G02C 7/06 (2006.01)
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 G06Q 50/04 (2012.01)
 B65G 3/02 (2006.01)
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 B65G 3/02 (2006.01)
 G01W 1/08 (2006.01)
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 F41G 3/14 (2006.01)
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 (54) Transmitting a prioritized transport block
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 H04W 64/00 (2009.01)
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 A61B 17/11 (2006.01)
 A61F 2/07 (2013.01)
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 A45D 20/12 (2006.01)
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 (54) Vacuum cleaner station
 (51) Int. Cl.
 A47L 9/28 (2006.01)
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 A47L 9/28 (2006.01)
 A47L 9/10 (2006.01)
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 C12N 9/22 (2006.01)
 A61K 38/43 (2006.01)
 C07K 14/31 (2006.01)
 C12N 9/78 (2006.01)
 C12N 15/62 (2006.01)
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A47F 5/04 (2006.01)
 (87) WO2022/060500
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 (54) Method and system for improving a physiological condition of a subject
 (51) Int. Cl.
G16H 20/70 (2018.01)
A61M 21/02 (2006.01)
G10K 15/00 (2006.01)
H04R 5/02 (2006.01)
H04S 7/00 (2006.01)
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G10K 15/08 (2006.01)
H04S 7/00 (2006.01)
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F16L 55/04 (2006.01)
B05C 11/10 (2006.01)
F02M 37/00 (2006.01)
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F01K 13/00 (2006.01)
F02C 1/00 (2006.01)
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F02C 1/00 (2006.01)
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F01K 3/06 (2006.01)
F01K 3/12 (2006.01)
F01K 3/26 (2006.01)
F01K 13/02 (2006.01)
F02C 1/00 (2006.01)
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F28D 20/00 (2006.01)
F01K 3/02 (2006.01)
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F01K 7/38 (2006.01)
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F01K 3/12 (2006.01)
F01K 3/00 (2006.01)
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F01K 7/38 (2006.01)
F01K 13/00 (2006.01)
F02C 1/00 (2006.01)
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 (51) Int. Cl.
F01K 3/00 (2006.01)
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 (51) Int. Cl.
F01K 3/12 (2006.01)
F01K 3/00 (2006.01)
F01K 3/02 (2006.01)
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F01K 7/38 (2006.01)
F01K 13/00 (2006.01)
F02C 1/00 (2006.01)
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H01F 29/04 (2006.01)
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A61K 31/00 (2006.01)
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A61M 5/46 (2006.01)
A61F 9/007 (2006.01)
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A61K 31/00 (2006.01)
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A61K 9/51 (2006.01)
A61K 31/7115 (2006.01)
A61K 39/245 (2006.01)
A61P 31/22 (2006.01)
C07K 14/045 (2006.01)
C12N 7/00 (2006.01)
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A01N 41/10 (2006.01)
A01N 43/40 (2006.01)
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A61K 31/198 (2006.01)
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A61P 31/04 (2006.01)
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A01B 79/02 (2006.01)
A01N 59/00 (2006.01)
A01P 21/00 (2006.01)
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B82Y 15/00 (2011.01)
G01N 21/77 (2006.01)
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C01B 15/00 (2006.01)
C01B 15/047 (2006.01)
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G01S 7/521 (2006.01)
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E04B 1/343 (2006.01)
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E21C 37/12 (2006.01)
E21B 17/08 (2006.01)
E21B 43/10 (2006.01)
E21C 37/06 (2006.01)
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F16L 47/06 (2006.01)
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C07D 491/052 (2006.01)
A61K 31/404 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/497 (2006.01)
A61P 25/00 (2006.01)
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B23K 26/02 (2014.01)
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A61K 35/17 (2015.01)
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C12N 5/00 (2006.01)
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A61K 31/137 (2006.01)
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A61K 9/72 (2006.01)
A61K 31/56 (2006.01)
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 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/02 (2006.01)
 (87) WO2022/031567
 (31) 63/060,786 (32) 04.08.20 (33) US
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 (74) Davies Collison Cave Pty Ltd
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 (54) Treatment of CLL
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/02 (2006.01)
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 (72) GOU, Liangke; HASSOUNAH, Nadia; WOO, Janghee
 (74) Davies Collison Cave Pty Ltd
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 (21) 2021351884 (22) 29.09.2021
 (54) A swallowable capsule device
 (51) Int. Cl.
A61M 31/00 (2006.01)
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 (74) Pearce IP Pty Ltd
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- (71) Novo Nordisk A/S
 (11) AU-A-2021354905
 (21) 2021354905 (22) 29.09.2021
 (54) Lumen insertable capsule
 (51) Int. Cl.
A61M 31/00 (2006.01)
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 (31) 20199486.0 (32) 30.09.20 (33) EP
 (43) 07.04.2022
 (72) MOURIDSEN, Brian; STICKER, Drago; GHAZAL, Aghiad; LARSEN, André; JEPSEN, Jacob Pyung Hwa
 (74) Pearce IP Pty Ltd
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- (71) Nox Worldwide Limited
 (11) AU-A-2021316868
 (21) 2021316868 (22) 28.07.2021
 (54) Sanitising apparatus and method
 (51) Int. Cl.
A61L 2/02 (2006.01)
A61L 2/14 (2006.01)
A61L 2/20 (2006.01)
A61L 9/015 (2006.01)
 (87) WO2022/023742
 (31) 2011810.5 (32) 29.07.20 (33) GB
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 (74) FB Rice Pty Ltd
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 (51) Int. Cl.
C02F 1/68 (2006.01)
B82Y 30/00 (2011.01)
C07D 323/00 (2006.01)
C09C 1/24 (2006.01)
C09C 3/08 (2006.01)
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B65G 1/04 (2006.01)
B66C 7/00 (2006.01)
 (87) WO2022/034195
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 (74) James & Wells Intellectual Property
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 (21) 2021346222 (22) 17.09.2021
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 (51) Int. Cl.
B65G 1/04 (2006.01)
 (87) WO2022/058550
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 (72) FLYNN, Damian; HAVEL, Marek
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 (21) 2021329413 (22) 23.08.2021
 (54) Methods of neuroprotection and uses thereof
 (51) Int. Cl.
A61K 9/113 (2006.01)
A61K 31/195 (2006.01)
A61P 25/28 (2006.01)
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 (87) WO2022/040622
 (31) 63/068,917 (32) 21.08.20 (33) US
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 (72) JABLONSKI, Monica M.
 (74) Spruson & Ferguson
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 (21) 2021329900 (22) 18.08.2021
 (54) Bioinspired lipid derivatives and uses thereof
 (51) Int. Cl.
A61K 9/51 (2006.01)
A61K 38/44 (2006.01)
A61K 38/53 (2006.01)
 (87) WO2022/040310
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 (74) RnB IP

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 (21) 2021328262 (22) 17.08.2021
 (54) Monoclonal antibodies, compositions and methods for detecting complement factor D
 (51) Int. Cl.
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A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
C07K 16/30 (2006.01)
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 (43) 24.02.2022
 (72) CUMMINGS, William Jason; FREEMAN, Jeremy A.; LI, Yi; SHAFFER, Kathleen A.; YABUKI, Munehisa
 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021311134 (22) 29.06.2021
 (54) Blast design
 (51) Int. Cl.
E21B 43/263 (2006.01)
G06N 20/00 (2019.01)
G06Q 50/02 (2012.01)
 (87) WO2022/016207
 (31) 2020902571 (32) 23.07.20 (33) AU
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 (72) LABRIOLA, Angelo; HAWKE, Stuart; ROCHA, Mateus
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2021313714
 (21) 2021313714 (22) 23.07.2021
 (54) Systems, methods, and devices for commercial blasting operations
 (51) Int. Cl.
F42D 1/045 (2006.01)
F42D 3/00 (2006.01)
G01C 21/16 (2006.01)
G01S 19/47 (2010.01)
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 (51) Int. Cl.
A61K 35/12 (2015.01)
A61P 17/00 (2006.01)
C12N 5/071 (2010.01)
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 (21) 2021313467 (22) 26.07.2021
 (54) Improved switchboard and aspects of a power distribution system
 (51) Int. Cl.
G01R 19/165 (2006.01)
H01H 71/00 (2006.01)
H01H 71/02 (2006.01)
H01H 71/12 (2006.01)
H01H 71/74 (2006.01)
H02B 13/00 (2006.01)
H02H 1/00 (2006.01)
H02J 13/00 (2006.01)
 (87) WO2022/018704
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 (72) COLLETT, Julyan; PURCELL, Daniel; ALLEN, James Michael; HALE, Brendon
 (74) Discover IP
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- (71) Pairwise Plants Services, Inc.
 (11) AU-A-2021331344
 (21) 2021331344 (22) 27.08.2021
 (54) Engineered crispr-cas proteins and methods of use thereof
 (51) Int. Cl.
C07K 14/315 (2006.01)
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C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
 (87) WO2022/047135
 (31) 63/071,734 (32) 28.08.20 (33) US
 (43) 03.03.2022
 (72) GUFFY, Sharon Leigh; WATTS, Joseph Matthew
 (74) RnB IP
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- (71) PANDA-Seal International Ltd
 (11) AU-A-2021328716
 (21) 2021328716 (22) 23.08.2021
 (54) Bismuth and cement method of abandoning a well and means of real time verification of the bismuth and cement placement process
 (51) Int. Cl.
E21B 33/12 (2006.01)
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E21B 36/04 (2006.01)
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 (31) 2013067.0 (32) 21.08.20 (33) GB
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 (43) 24.02.2022
 (72) HEAD, Philip
 (74) Caska Intellectual Property Pty Ltd
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A47B 47/00 (2006.01)
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 (43) 31.03.2022
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 (11) AU-A-2021327900
 (21) 2021327900 (22) 20.08.2021
 (54) Application of RDR protein in tumor therapy
 (51) Int. Cl.
A61K 38/45 (2006.01)
A61P 35/00 (2006.01)
C12N 9/12 (2006.01)
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 (72) DU, Peng; QI, Ye
 (74) Davies Collison Cave Pty Ltd
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B60W 30/14 (2006.01)
B60W 30/16 (2020.01)
B60W 30/165 (2020.01)
B60W 30/17 (2020.01)
B60W 30/18 (2012.01)
B60W 30/188 (2012.01)
G08G 1/16 (2006.01)
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 (31) 62/695,014 (32) 07.07.18 (33) US
 (43) 16.01.2020
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 (74) Spruson & Ferguson
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- (71) Perfect Day, Inc.
 (11) AU-A-2021322252
 (21) 2021322252 (22) 05.08.2021
 (54) Fusion proteins comprising milk proteins and compositions thereof
 (51) Int. Cl.

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A23L 33/19 (2016.01)
A23L 33/195 (2016.01)
A61K 35/20 (2006.01)
A61K 38/01 (2006.01)
A61K 38/44 (2006.01)
A61P 3/02 (2006.01)
A61P 31/04 (2006.01)
C07K 5/02 (2006.01)
C07K 14/765 (2006.01)
C07K 14/79 (2006.01)
C07K 16/00 (2006.01)
C07K 19/00 (2006.01)
C12N 9/08 (2006.01)
(87) WO2022/031941
(31) 63/061,656 **(32)** 05.08.20 **(33)** US
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(72) JOHNSON, Timothy Scott; GEIST-LINGER, Timothy; WAGONER, Ty B.; TSAN-HUEI LIN, Janine
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71)** PharmAbcine Inc.; Merck Sharp & Dohme B.V.; MSD International GmbH
(11) AU-A-2021337223
(21) 2021337223 **(22)** 02.09.2021
(54) Combination therapy of a PD-1 antagonist and an antagonist for VEGFR-2 for treating patients with cancer
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/04 (2006.01)
(87) WO2022/049526
(31) 63/073,512 **(32)** 02.09.20 **(33)** US
 63/122,321 07.12.20 US
(43) 10.03.2022
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- (71)** Phoenix Contact GmbH & Co. KG
(11) AU-A-2021328015
(21) 2021328015 **(22)** 26.07.2021
(54) Method for producing an electrical connection arrangement, and electrical connection arrangement
(51) Int. Cl.
H01R 9/24 (2006.01)
B29C 65/14 (2006.01)
H01R 9/26 (2006.01)
(87) WO2022/037904
(31) BE2020/5577 **(32)** 20.08.20 **(33)** BE
(43) 24.02.2022
(72) GALLA, Stefan; PEITZ, Philipp; BRAUN, Viktor; REY, Henning
(74) Griffith Hack
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- (71)** Plexxikon Inc.
(11) AU-A-2021327375
(21) 2021327375 **(22)** 20.08.2021
(54) Combinational drug anticancer therapies
(51) Int. Cl.
A61K 31/444 (2006.01)
A61K 31/502 (2006.01)
A61K 31/573 (2006.01)
A61K 31/58 (2006.01)
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- A61P 35/00** (2006.01)
A61P 35/04 (2006.01)
(87) WO2022/040512
(31) 63/068,973 **(32)** 21.08.20 **(33)** US
 63/069,637 24.08.20 US
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(72) POWELL, Ben; TSIATIS, Athanasios; WALLING, Jackie
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71)** Powell, S.
(11) AU-A-2021308188
(21) 2021308188 **(22)** 12.07.2021
(54) Face shield assembly and method
(51) Int. Cl.
A42B 1/018 (2021.01)
A41D 13/11 (2006.01)
(87) WO2022/015646
(31) 63/051,332 **(32)** 13.07.20 **(33)** US
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(43) 20.01.2022
(72) POWELL, Steven
(74) Davies Collision Cave Pty Ltd
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- (71)** PPC Broadband, Inc.
(11) AU-A-2021325827
(21) 2021325827 **(22)** 26.07.2021
(54) Wideband splitter
(51) Int. Cl.
H03H 7/46 (2006.01)
H03H 7/01 (2006.01)
H03H 7/48 (2006.01)
(87) WO2022/035580
(31) 63/065,603 **(32)** 14.08.20 **(33)** US
(43) 17.02.2022
(72) ALKAN, Erdogan; BARANY, David A.
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(11) AU-A-2021325073
(21) 2021325073 **(22)** 12.08.2021
(54) Systems and methods for private authentication with helper networks
(51) Int. Cl.
G06F 21/00 (2013.01)
G06N 20/00 (2019.01)
(87) WO2022/036097
(31) 17/155,890 **(32)** 22.01.21 **(33)** US
 17/398,555 10.08.21 US
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 17/183,950 24.02.21 US
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(72) STREIT, Scott Edward
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021311481
(21) 2021311481 **(22)** 21.07.2021
(54) Methods and compositions for treating cancer
(51) Int. Cl.
G01N 33/574 (2006.01)
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(21) 2021316864 **(22)** 27.07.2021
(54) Cable monitoring system
(51) Int. Cl.
G01R 31/58 (2020.01)
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(31) 2011786.7 **(32)** 29.07.20 **(33)** GB
(43) 03.02.2022
(72) COOK, Paul; CLARKE, Preston; ERNTSEN, Tore
(74) Griffith Hack
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(11) AU-A-2021333283
(21) 2021333283 **(22)** 22.07.2021
(54) Lithium metal anode and battery
(51) Int. Cl.
C25D 3/54 (2006.01)
C25C 1/02 (2006.01)
C25D 3/66 (2006.01)
H01M 4/38 (2006.01)
(87) WO2022/046327
(31) 17/006,048 **(32)** 28.08.20 **(33)** US
(43) 03.03.2022
(72) BODOIN, Emilie
(74) BOSH IP Pty Ltd
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(11) AU-A-2021333501
(21) 2021333501 **(22)** 22.07.2021
(54) Vertically integrated pure lithium metal production and lithium battery production
(51) Int. Cl.
C25D 3/54 (2006.01)
C25C 1/02 (2006.01)
C25D 3/66 (2006.01)
H01M 4/04 (2006.01)
H01M 4/13 (2010.01)
H01M 4/38 (2006.01)
(87) WO2022/046328
(31) 17/006,073 **(32)** 28.08.20 **(33)** US
(43) 03.03.2022
(72) BODOIN, Emilie
(74) BOSH IP Pty Ltd
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- (71)** Pure Maintenance
(11) AU-A-2021362203
(21) 2021362203 **(22)** 13.10.2021
(54) Improved dry fog generator
(51) Int. Cl.
A61L 2/22 (2006.01)
A61L 2/26 (2006.01)
(87) WO2022/081743
(31) 63/091,295 **(32)** 13.10.20 **(33)** US
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Haier Smart Home Co., Ltd.
(11) AU-A-2021326871
(21) 2021326871 (22) 11.08.2021
(54) Air-cool refrigerator
(51) Int. Cl.
F25D 11/02 (2006.01)
F25D 21/08 (2006.01)
F25D 21/14 (2006.01)
(87) WO2022/037459
(31) 202010832828.9 (32) 18.08.20 (33) CN
(43) 24.02.2022
(72) MIAO, Jianlin; TOSHINORI, Noda; FEI,
Bin; LI, Chunyang
(74) Spruson & Ferguson
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- (71) Qualcomm Incorporated
(11) AU-A-2021358861
(21) 2021358861 (22) 22.09.2021
(54) GPCC planar mode and buffer simplification
(51) Int. Cl.
H04N 19/597 (2014.01)
H04N 19/91 (2014.01)
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63/088,156 06.10.20 US
(43) 14.04.2022
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UBRAMONIAN, Adarsh Krishnan; RAY,
Bappaditya; KARCZEWICZ, Marta
(74) Madderns Pty Ltd
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- (71) R.P. Scherer Technologies, LLC
(11) AU-A-2021316098
(21) 2021316098 (22) 30.07.2021
(54) Antibody specific for Mucin-1 and meth-
ods of use thereof
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
(87) WO2022/026809
(31) 63/059,497 (32) 31.07.20 (33) US
(43) 03.02.2022
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KIM, Yun Cheol; BARFIELD, Robyn M.;
BAUZON, Maxine; OGUNKOYA, Ayo-
dele
(74) FB Rice Pty Ltd
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- (71) Rafael Advanced Defense Systems Ltd.
(11) AU-A-2021335785
(21) 2021335785 (22) 05.08.2021
(54) Multiple coherent beam combination
systems with reduced number of aper-
tures
(51) Int. Cl.
G02B 27/10 (2006.01)
G01S 7/481 (2006.01)
G01S 7/497 (2006.01)
G02B 26/06 (2006.01)
G02B 27/06 (2006.01)
G02B 27/12 (2006.01)
H01S 3/00 (2006.01)
H01S 3/10 (2006.01)
H01S 3/13 (2006.01)
H01S 5/40 (2006.01)
(87) WO2022/049429
(31) 277192 (32) 07.09.20 (33) IL
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- (43) 10.03.2022
(72) GOLUBCHIK, Daniel; SHWA, David
(74) Wallington-Dummer
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- (71) Rafael Advanced Defense Systems Ltd.
(11) AU-A-2021337828
(21) 2021337828 (22) 08.08.2021
(54) Multiple coherent beam combination
systems sharing a common receiver
(51) Int. Cl.
H01S 3/10 (2006.01)
F41H 13/00 (2006.01)
G01S 7/497 (2006.01)
G02B 27/10 (2006.01)
H01S 3/00 (2006.01)
H01S 3/13 (2006.01)
(87) WO2022/049431
(31) 277191 (32) 07.09.20 (33) IL
(43) 10.03.2022
(72) GOLUBCHIK, Daniel
(74) Wallington-Dummer
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- (71) Raytheon Company
(11) AU-A-2021326673
(21) 2021326673 (22) 17.06.2021
(54) Separable component assembly having
reduced seal stiction
(51) Int. Cl.
F16J 15/02 (2006.01)
F16J 15/06 (2006.01)
F16J 15/08 (2006.01)
F16J 15/10 (2006.01)
F16J 15/3284 (2016.01)
F16L 23/22 (2006.01)
(87) WO2022/039826
(31) 16/995,737 (32) 17.08.20 (33) US
(43) 24.02.2022
(72) BAFNA, Sudhir; SMITH, David R.;
LEGER, Kohl; BRYANT, Read L.
(74) RnB IP Pty Ltd
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- (71) Razor USA LLC
(11) AU-A-2021320416
(21) 2021320416 (22) 06.08.2021
(54) Electric scooter with removable battery
(51) Int. Cl.
B62K 3/00 (2006.01)
B60L 50/60 (2019.01)
B60L 53/80 (2019.01)
B62J 43/10 (2020.01)
B62K 11/00 (2013.01)
B62M 6/40 (2010.01)
(87) WO2022/032136
(31) 63/062,838 (32) 07.08.20 (33) US
(43) 10.02.2022
(72) ALFEREZ, Marco; DESBERG, Ian
(74) Griffith Hack
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- (71) Referboard Marketing Pty Ltd
(11) AU-A-2021308727
(21) 2021308727 (22) 15.07.2021
(54) Content selection platform
(51) Int. Cl.
G06Q 30/02 (2012.01)
G06F 16/904 (2019.01)
G06F 16/95 (2019.01)
G06Q 30/06 (2012.01)
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- (87) WO2022/011426
(31) 2020902434 (32) 15.07.20 (33) AU
(43) 20.01.2022
(72) WOOLF, Aaron
(74) BOSH IP Pty Ltd
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- (71) Regeneron Pharmaceuticals, Inc.
(11) AU-A-2021320871
(21) 2021320871 (22) 05.08.2021
(54) Small-scale mixer
(51) Int. Cl.
B01F 27/91 (2022.01)
(87) WO2022/031983
(31) 63/062,129 (32) 06.08.20 (33) US
63/085,080 29.09.20 US
63/150,540 17.02.21 US
(43) 10.02.2022
(72) VO, Trinh; CHEN, Huyun; BHUPEND-
ER BHALLA, Amardeep Singh
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Resolution Bioscience, Inc.
(11) AU-A-2021340632
(21) 2021340632 (22) 08.09.2021
(54) Adaptors and methods for high effi-
ciency construction of genetic libraries
and genetic analysis
(51) Int. Cl.
C12N 15/113 (2010.01)
C12Q 1/6806 (2018.01)
C12Q 1/6869 (2018.01)
(87) WO2022/055984
(31) 63/075,543 (32) 08.09.20 (33) US
(43) 17.03.2022
(72) GUO, Jiannan; HERNANDEZ, Jennifer
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
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- (71) Restaurant Technologies, Inc.
(11) AU-A-2021383588
(21) 2021383588 (22) 11.11.2021
(54) Filters, mounts and methods of mount-
ing filters
(51) Int. Cl.
F24C 15/20 (2006.01)
B01D 46/00 (2022.01)
(87) WO2022/108817
(31) 16/950,388 (32) 17.11.20 (33) US
(43) 27.05.2022
(72) SALPIETRA, Jordan
(74) RnB IP Pty Ltd
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- (71) Reussner, M.
(11) AU-A-2021318599
(21) 2021318599 (22) 29.07.2021
(54) Device for chilling or frosting glasses
(51) Int. Cl.
F25D 3/14 (2006.01)
F25D 31/00 (2006.01)
(87) WO2022/020873
(31) A 50648/2020 (32) 30.07.20 (33) AT
A 60041/2021 12.02.21 AT
A 60124/2021 29.04.21 AT
A 60174/2021 21.06.21 AT
(43) 03.02.2022
(72) REUSSNER, Michael
(74) Dennemeyer & Associates

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- (71) Richter Gedeon Nyrt.
(11) AU-A-2021319420
(21) 2021319420 (22) 05.08.2021
(54) Pharmacologically active heterocyclic-substituted pyrazolo(1,5-a)pyrimidine derivatives
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 19/00 (2006.01)
A61P 25/00 (2006.01)
(87) WO2022/029666
(31) P2000254 (32) 05.08.20 (33) HU
(43) 10.02.2022
(72) BORZA, István; ÉLES, János; ROMÁN, Viktor; PETRÓ, József Levente; GEGŐ, Csaba Lehel; BÉNYEI, Gyula Attila
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Riken; Otsuka Pharmaceutical Co., Ltd.
(11) AU-A-2021318231
(21) 2021318231 (22) 30.07.2021
(54) Bladder organoid and method for producing same
(51) Int. Cl.
C12N 5/071 (2010.01)
A01K 67/027 (2006.01)
A61L 27/36 (2006.01)
A61L 27/38 (2006.01)
A61L 27/40 (2006.01)
C12Q 1/02 (2006.01)
(87) WO2022/025269
(31) 2020-129498 (32) 30.07.20 (33) JP
(43) 03.02.2022
(72) TAKASATO, Minoru; OFUJI, Kazuhiro; WYMEERSCH, Filip Jos
(74) Davies Collison Cave Pty Ltd
-
- (71) Rocsys B.V.
(11) AU-A-2021331932
(21) 2021331932 (22) 06.08.2021
(54) Method and device for connecting a connector of an electric vehicle charger to a socket on an electric vehicle
(51) Int. Cl.
B60L 53/16 (2019.01)
B25J 9/00 (2006.01)
B25J 13/08 (2006.01)
B25J 17/02 (2006.01)
B60L 53/31 (2019.01)
B60L 53/37 (2019.01)
H01R 13/629 (2006.01)
(87) WO2022/045881
(31) 2026365 (32) 28.08.20 (33) NL
(43) 03.03.2022
(72) VAN DER WEIJDE, Johannes Oosten
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Romark Laboratories L.C.
(11) AU-A-2021333566
(21) 2021333566 (22) 23.08.2021
(54) Use of thiazolides against coronaviruses
(51) Int. Cl.
A61K 31/426 (2006.01)
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- A61P 31/14 (2006.01)
(87) WO2022/046622
(31) 63/069,313 (32) 24.08.20 (33) US
(43) 03.03.2022
(72) ROSSIGNOL, Jean-Francois
(74) Spruson & Ferguson
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- (71) Roncabelle Operations Srl
(11) AU-A-2021327165
(21) 2021327165 (22) 19.08.2021
(54) Syringe with an improved needle retraction mechanism
(51) Int. Cl.
A61M 5/32 (2006.01)
A61M 5/28 (2006.01)
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
(87) WO2022/038229
(31) 20192013.9 (32) 20.08.20 (33) EP
20204245.3 28.10.20 EP
(43) 24.02.2022
(72) RYCKALTS, Erik
(74) Adams Pluck
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- (71) Saab AB
(11) AU-A-2021331951
(21) 2021331951 (22) 23.08.2021
(54) A notch antenna structure
(51) Int. Cl.
H01Q 21/06 (2006.01)
H01Q 13/08 (2006.01)
(87) WO2022/045947
(31) 2000146-7 (32) 25.08.20 (33) SE
(43) 03.03.2022
(72) SVENSSON, Bengt; HAMMARQVIST, Sigrid; TISELL, Peter; SCHLOENZIG, Erik; HASSIAKIS, Theodor
(74) WRAYS PTY LTD
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- (71) Saab AB
(11) AU-A-2021333141
(21) 2021333141 (22) 19.08.2021
(54) An antenna array
(51) Int. Cl.
H01Q 21/06 (2006.01)
H01Q 13/08 (2006.01)
(87) WO2022/045946
(31) 2000147-5 (32) 25.08.20 (33) SE
(43) 03.03.2022
(72) KÄHKÖNEN, Henri; ALA-LAURINAHO, Juha; VIIKARI, Ville
(74) WRAYS PTY LTD
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- (71) Salvacion USA Inc.
(11) AU-A-2020465464
(21) 2020465464 (22) 15.10.2020
(54) Antiviral composition and use of the same
(51) Int. Cl.
A61K 31/14 (2006.01)
A61K 33/34 (2006.01)
A61P 31/12 (2006.01)
(87) WO2022/046137
(31) 63/103,881 (32) 31.08.20 (33) US
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- (43) 03.03.2022
(72) GAFFAR, Abdul; CHO, Yeong Wan; YUN, Sei Young
(74) Griffith Hack
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- (71) Samsung Electronics Co., Ltd.
(11) AU-A-2021318264
(21) 2021318264 (22) 07.07.2021
(54) Electronic device including conductive member
(51) Int. Cl.
G06F 1/18 (2006.01)
C09D 201/00 (2006.01)
G06F 1/16 (2006.01)
H05K 9/00 (2006.01)
(87) WO2022/025471
(31) 10-2020-0095771 (32) 31.07.20 (33) KR
10-2021-0035415 18.03.21 KR
(43) 03.02.2022
(72) SUNWOO, Seunghui; KIM, Suyoun; BAE, Youngmin; LEE, Daekyu
(74) Griffith Hack
-
- (71) Samsung Electronics Co., Ltd.
(11) AU-A-2021322475
(21) 2021322475 (22) 08.07.2021
(54) Electronic device comprising flexible printed circuit board
(51) Int. Cl.
H04M 1/02 (2006.01)
H05K 1/02 (2006.01)
H05K 1/14 (2006.01)
(87) WO2022/030775
(31) 10-2020-0096695 (32) 03.08.20 (33) KR
(43) 10.02.2022
(72) LEE, Dongyup; HEO, Joon; AN, Jungchul
(74) Griffith Hack
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- (71) Sandhill One, LLC
(11) AU-A-2021328142
(21) 2021328142 (22) 11.08.2021
(54) Methods of making cholic acid derivatives and starting materials therefor
(51) Int. Cl.
C07J 41/00 (2006.01)
C07J 31/00 (2006.01)
C07J 43/00 (2006.01)
C07J 51/00 (2006.01)
(87) WO2022/039983
(31) 63/068,498 (32) 21.08.20 (33) US
(43) 24.02.2022
(72) REID, J. Gregory; REDDY, Jayachandra P.; PAUL, Bernhard J.; HOSSAIN, Sk Samad
(74) AJ PARK
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- (71) Sandvik Mining and Construction Oy
(11) AU-A-2021335419
(21) 2021335419 (22) 01.09.2021
(54) Underground worksite vehicle positioning control
(51) Int. Cl.
G01S 19/48 (2010.01)
G05D 1/02 (2020.01)
(87) WO2022/049151
(31) 20193811.5 (32) 01.09.20 (33) EP

PCT applications which have entered the National Phase - Name Index cont'd

<p>(43) 10.03.2022 (72) HÄMÄLÄINEN, Jyrki (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) Sandvik Mining and Construction Oy (11) AU-A-2021335420 (21) 2021335420 (22) 01.09.2021 (54) Underground worksite vehicle positioning control (51) Int. Cl. G05D 1/02 (2020.01) G01C 21/00 (2006.01) G01C 21/16 (2006.01) (87) WO2022/049153 (31) 20193816.4 (32) 01.09.20 (33) EP (43) 10.03.2022 (72) TARIQ, Usama; HÄMÄLÄINEN, Jyrki (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) Sandvik Mining and Construction Oy (11) AU-A-2021337181 (21) 2021337181 (22) 31.08.2021 (54) Ground support for mobile drilling rig (51) Int. Cl. E21B 7/02 (2006.01) (87) WO2022/049067 (31) 20193836.2 (32) 01.09.20 (33) EP (43) 10.03.2022 (72) UOTILA, Jarkko; VISKARI, Eero; TOPPINEN, Visa; KIVINIEMI, Tommi (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) SANOFI PASTEUR (11) AU-A-2021308441 (21) 2021308441 (22) 16.07.2021 (54) Cleavable lipidic compounds, compositions containing thereof, and uses thereof (51) Int. Cl. C07C 229/12 (2006.01) A61K 9/127 (2006.01) A61K 9/51 (2006.01) A61P 43/00 (2006.01) (87) WO2022/013439 (31) 20305824.3 (32) 17.07.20 (33) EP (43) 20.01.2022 (72) HAENSLER, Jean; EVEN, Luc; RIPOLL, Manon (74) Griffith Hack</p> <hr/> <p>(71) SANOFI PASTEUR (11) AU-A-2021308443 (21) 2021308443 (22) 16.07.2021 (54) Lipidic compounds comprising at least one terminal radical of formula -nh-cx-a or -nh-cx-nh-a, compositions containing them and uses thereof (51) Int. Cl. C07D 233/66 (2006.01) A61K 9/127 (2006.01) A61K 47/24 (2006.01) A61K 47/28 (2006.01) C07D 213/40 (2006.01) C12N 15/88 (2006.01) (87) WO2022/013443 (31) 20305825.0 (32) 17.07.20 (33) EP</p>	<p>(43) 20.01.2022 (72) HAENSLER, Jean; EVEN, Luc; FRISCH, Benoît; RIPOLL, Manon (74) Griffith Hack</p> <hr/> <p>(71) Sarepta Therapeutics, Inc. (11) AU-A-2021328475 (21) 2021328475 (22) 19.08.2021 (54) Adeno-associated virus vectors for treatment of Rett syndrome (51) Int. Cl. C12N 7/00 (2006.01) (87) WO2022/040432 (31) 63/067,668 (32) 19.08.20 (33) US (43) 24.02.2022 (72) O'BANION, Colin (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) Scanship Holding ASA (11) AU-A-2021332011 (21) 2021332011 (22) 27.08.2021 (54) Method and system for processing of biological waste (51) Int. Cl. C02F 9/00 (2006.01) B09B 3/00 (2022.01) F23G 5/027 (2006.01) F23G 5/05 (2006.01) F23G 5/10 (2006.01) C02F 1/02 (2006.01) C02F 11/04 (2006.01) C02F 11/10 (2006.01) (87) WO2022/043478 (31) 20193386.8 (32) 28.08.20 (33) EP (43) 03.03.2022 (72) NILSEN, Pål Jahre; SVENNEVIK, Oda Kjørtaug (74) James & Wells Intellectual Property</p> <hr/> <p>(71) Schlumberger Technology B.V. (11) AU-A-2021329388 (21) 2021329388 (22) 20.08.2021 (54) System and methodology comprising composite stator for low flow electric submersible progressive cavity pump (51) Int. Cl. E21B 43/12 (2006.01) E21B 4/02 (2006.01) (87) WO2022/040522 (31) 63/068,430 (32) 21.08.20 (33) US (43) 24.02.2022 (72) HONDRED, Peter; HOLZMUELLER, Jason; GOERTZEN, William; PUSHKAREV, Maxim (74) Griffith Hack</p> <hr/> <p>(71) Schlumberger Technology B.V. (11) AU-A-2021329415 (21) 2021329415 (22) 23.08.2021 (54) Lithium extraction improvements (51) Int. Cl. C22B 26/12 (2006.01) C22B 3/20 (2006.01) C22B 9/02 (2006.01) (87) WO2022/040630 (31) 63/068,394 (32) 21.08.20 (33) US</p>	<p>17/444,072 30.07.21 US (43) 24.02.2022 (72) JARIWALA, Ankur D.; SAMS, Gary W. (74) Griffith Hack</p> <hr/> <p>(71) Scimar Ltd. (11) AU-A-2021312558 (21) 2021312558 (22) 23.07.2021 (54) Test meal, test meal packaging, method and uses thereof (51) Int. Cl. A23L 29/30 (2016.01) A23J 3/16 (2006.01) A23J 7/00 (2006.01) A61K 49/00 (2006.01) (87) WO2022/016290 (31) 63/055,717 (32) 23.07.20 (33) US (43) 27.01.2022 (72) LAUTT, W. Wayne (74) Davies Collision Cave Pty Ltd</p> <hr/> <p>(71) Seafarming Systems AS (11) AU-A-2021341408 (21) 2021341408 (22) 10.09.2021 (54) A fish farming facility comprising a controllable enclosure (51) Int. Cl. A01K 61/60 (2017.01) A01K 61/10 (2017.01) (87) WO2022/055359 (31) 20200994 (32) 10.09.20 (33) NO (43) 17.03.2022 (72) SANDSTAD, Alf Reidar (74) Michael Buck IP</p> <hr/> <p>(71) Searo Labs Ltd (11) AU-A-2021331685 (21) 2021331685 (22) 26.08.2021 (54) A biodegradable composite material (51) Int. Cl. C08L 5/04 (2006.01) B65D 65/46 (2006.01) C08L 5/00 (2006.01) C08L 5/12 (2006.01) (87) WO2022/043691 (31) 2013316.1 (32) 26.08.20 (33) GB (43) 03.03.2022 (72) DUNDAR FIELD, Ayca (74) Spruson & Ferguson</p> <hr/> <p>(71) Searo Labs Ltd (11) AU-A-2021335100 (21) 2021335100 (22) 26.08.2021 (54) A biodegradable heat-absorbing composition (51) Int. Cl. C09K 5/06 (2006.01) (87) WO2022/043692 (31) 2013317.9 (32) 26.08.20 (33) GB (43) 03.03.2022 (72) DUNDAR FIELD, Ayca (74) Spruson & Ferguson</p> <hr/> <p>(71) SenseTime International Pte. Ltd. (11) AU-A-2021240177 (21) 2021240177 (22) 16.09.2021</p>
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PCT applications which have entered the National Phase - Name Index cont'd

- (54) Application configuration method, apparatus and device, and computer storage medium
 (51) Int. Cl.
A63F 13/70 (2014.01)
 (31) 10202109271U (32) 25.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; ZHANG, Shuai; LIN, Jinliang; XIAO, Gan; WU, Wenxuan
 (74) FB Rice Pty Ltd
-
- (71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240195
 (21) 2021240195 (22) 16.09.2021
 (54) Data processing method, apparatus, system and device and computer-readable storage medium
 (51) Int. Cl.
G06F 9/46 (2006.01)
 (31) 10202109388P (32) 27.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; ZHANG, Shuai; LIN, Jinliang; XIAO, Gan
 (74) FB Rice Pty Ltd
-
- (71) SenseTime International Pte. Ltd.
 (11) AU-A-2021240197
 (21) 2021240197 (22) 16.09.2021
 (54) Logging method and apparatus, electronic device, and computer-readable storage medium
 (51) Int. Cl.
G06F 9/06 (2006.01)
 (31) 10202109276V (32) 25.08.21 (33) SG
 (43) 16.03.2023
 (72) WU, Jiacheng; ZHANG, Shuai; LIN, Jinliang; XIAO, Gan
 (74) FB Rice Pty Ltd
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- (71) Shah, P.
 (11) AU-A-2021350685
 (21) 2021350685 (22) 24.09.2021
 (54) Carrabitol formulation to maintain osmotic balance in plants against abiotic stress and method of extraction and preparation thereof
 (51) Int. Cl.
A01N 43/00 (2006.01)
 (87) WO2022/064524
 (31) 202021041518 (32) 24.09.20 (33) IN
 (43) 31.03.2022
 (72) SHAH, Neil J.; PATEL, Femida Y.
 (74) Michael Buck IP
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- (71) Shalibaron Corporation
 (11) AU-A-2021328466
 (21) 2021328466 (22) 19.08.2021
 (54) Self-authorizing identification and applications therefor
 (51) Int. Cl.
H04L 9/32 (2006.01)
 (87) WO2022/040396
 (31) 63/068,784 (32) 21.08.20 (33) US
 (43) 24.02.2022
 (72) SHANG, Heping; QIU, James
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Shandong Jianzhu University; Shandong Fuyou Technology Co., Ltd.
 (11) AU-A-2022316516
 (21) 2022316516 (22) 28.06.2022
 (54) Method for establishing feature point mapping model of tower body damage states of tower crane and method for quickly distinguishing damage
 (51) Int. Cl.
G06F 30/17 (2020.01)
G06F 30/20 (2020.01)
 (31) 2021110293691 (32) 02.09.21 (33) CN
 (43) 16.03.2023
 (72) SONG, Shijun; YANG, Rui; SONG, Lianyu; ZANG, Hongyuan; ZHANG, Huimin
 (74) Collison & Co
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- (71) Shape Memory Medical, Inc.
 (11) AU-A-2021329380
 (21) 2021329380 (22) 20.08.2021
 (54) Mechanical detachment system for transcatheter devices
 (51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/00 (2006.01)
A61L 31/02 (2006.01)
 (87) WO2022/040490
 (31) 63/068,533 (32) 21.08.20 (33) US
 (43) 24.02.2022
 (72) LE, Le; LEO, Rose Y.; YEH, Chung; KWONG, Kasey; MARLANGAUE, Rochelle; LANDSMAN, Todd L.; BARRETT, Michael
 (74) Davies Collison Cave Pty Ltd
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- (71) Shell Internationale Research Maatschappij B.V.
 (11) AU-A-2021343870
 (21) 2021343870 (22) 15.09.2021
 (54) Molten salts reactor systems for methane pyrolysis
 (51) Int. Cl.
C01B 3/26 (2006.01)
B01J 19/24 (2006.01)
C01B 32/05 (2017.01)
 (87) WO2022/058355
 (31) 63/080,223 (32) 18.09.20 (33) US
 (43) 24.03.2022
 (72) SPANU, Leonardo; POWELL, Joseph Broun; MESTERS, Carl; YANG, Guoqi-ang
 (74) Spruson & Ferguson
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- (71) Sky Medical Technology Ltd
 (11) AU-A-2021328675
 (21) 2021328675 (22) 18.08.2021
 (54) Treatment of ischemia
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/04 (2006.01)
 (87) WO2022/038187
 (31) 2012880.7 (32) 18.08.20 (33) GB
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- (43) 24.02.2022
 (72) ROSS, Bernard; TUCKER, Arthur; BAIN, Duncan
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SM Intellectual Technologies LLC
 (11) AU-A-2020464187
 (21) 2020464187 (22) 19.08.2020
 (54) Trinuclear basic iron (III) acetate solid absorbent compositions and methods for the removal or sweetening of mercaptan sulfur compounds from hydrocarbon streams
 (51) Int. Cl.
B01J 20/20 (2006.01)
B01D 53/02 (2006.01)
B01J 20/28 (2006.01)
 (87) WO2022/039739
 (43) 24.02.2022
 (72) VEAL, Jack; ST. AMANT, Jefferey
 (74) WRAYS PTY LTD
-
- (71) SMS Group GmbH
 (11) AU-A-2021308770
 (21) 2021308770 (22) 17.06.2021
 (54) Method for obtaining non-ferrous metals, more particularly black and/or raw copper, from scrap containing organic matter
 (51) Int. Cl.
C22B 5/10 (2006.01)
C22B 7/00 (2006.01)
C22B 15/00 (2006.01)
 (87) WO2022/012851
 (31) 10 2020 208 774.1 (32) 14.07.20 (33) DE
 (43) 20.01.2022
 (72) DEGEL, Rolf; LUX, Timm; KAUSSEN, Frank Marlin; BOROWSKI, Nikolaus Peter Kurt
 (74) Griffith Hack
-
- (71) Société des Produits Nestlé S. A.
 (11) AU-A-2021346848
 (21) 2021346848 (22) 23.09.2021
 (54) Process for preparing shelf-stable plant-based fermented dairy drink analogues and shelf-stable plant-based fermented dairy drink analogues thereof
 (51) Int. Cl.
A23L 2/38 (2021.01)
A23C 11/10 (2021.01)
A23L 7/104 (2016.01)
A23L 11/50 (2021.01)
A23L 25/00 (2016.01)
A23L 29/231 (2016.01)
A23L 33/185 (2016.01)
 (87) WO2022/063901
 (31) 20198536.3 (32) 25.09.20 (33) EP
 (43) 31.03.2022
 (72) ROHART, Anne; MARTINET, Virginie
 (74) Spruson & Ferguson
-
- (71) Société des Produits Nestlé S. A.
 (11) AU-A-2021350081
 (21) 2021350081 (22) 22.09.2021
 (54) A process for preparing a protein containing fermented plant based product

PCT applications which have entered the National Phase - Name Index cont'd

- (51) Int. Cl.
A23L 11/50 (2021.01)
A23L 11/60 (2021.01)
A23C 11/10 (2021.01)
(87) WO2022/063833
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(54) Method to roast coffee beans
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A23F 5/04 (2006.01)
A23N 12/08 (2006.01)
A23N 12/12 (2006.01)
G06N 20/00 (2019.01)
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A61M 16/16 (2006.01)
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(51) Int. Cl.
H04W 16/14 (2009.01)
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(72) FURUICHI, Sho
(74) Griffith Hack
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(54) Systems and methods for computer vision assisted foam board processing
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E04C 2/20 (2006.01)
B29C 44/20 (2006.01)
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G01B 17/04 (2006.01)
D21F 3/10 (2006.01)
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G01J 5/00 (2022.01)
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A61K 31/13 (2006.01)
A61K 31/27 (2006.01)
A61K 31/445 (2006.01)
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A61K 31/473 (2006.01)
A61K 31/55 (2006.01)
A61K 45/06 (2006.01)
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(21) 2021325997 (22) 16.08.2021
(54) Barrier-enhanced polymeric film structures, methods of preparation, and articles thereof
(51) Int. Cl.
B32B 27/32 (2006.01)
B29C 48/18 (2019.01)
B32B 27/30 (2006.01)
B32B 27/34 (2006.01)
B32B 27/36 (2006.01)
B32B 37/15 (2006.01)
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(51) Int. Cl.
C07D 401/04 (2006.01)
A01N 43/90 (2006.01)
C07D 471/04 (2006.01)
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Anke; KURTZ, Benedikt
(74) Davies Collison Cave Pty Ltd
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(21) 2021318184 **(22)** 02.08.2021
(54) Power distribution within an electric machine
(51) Int. Cl.
H02P 23/14 (2006.01)
H02K 1/02 (2006.01)
H02K 1/24 (2006.01)
H02K 3/28 (2006.01)
H02P 23/00 (2016.01)
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(31) 63/059,929 **(32)** 31.07.20 **(33)** US
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RUBIN, Matthew J.; STEVENSON,
Gregory Gordon; OWEN, Michael Park-
er; BAGGET SWINT, Ethan; PREINDL,
Matthias
(74) Griffith Hack
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(11) AU-A-2021319214
(21) 2021319214 **(22)** 02.08.2021
(54) Power distribution within an electric machine with rectified rotor windings
(51) Int. Cl.
H02K 1/02 (2006.01)
H02K 21/14 (2006.01)
H02K 27/00 (2006.01)
H02P 7/00 (2016.01)
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Walter Wesley III; RUBIN, Matthew
J.; STEVENSON, Gregory Gordon;
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SWINT, Ethan
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(11) AU-A-2021322550
(21) 2021322550 **(22)** 09.07.2021
(54) Configuring a wireless device con-
figured with multi-radio access techno-
logy dual connectivity
(51) Int. Cl.
H04W 76/19 (2018.01)
H04W 36/00 (2009.01)
H04W 52/02 (2009.01)
H04W 76/15 (2018.01)
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Stefan
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(21) 2021336911 **(22)** 03.09.2021
(54) Cocrystals of an adenosine A2B recep-
tor antagonist
(51) Int. Cl.
C07D 473/12 (2006.01)
A61K 31/522 (2006.01)
A61P 1/12 (2006.01)
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BORNI, Sami
(74) FPA Patent Attorneys Pty Ltd
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(21) 2021320602 **(22)** 05.08.2021
(54) Evaporative-cooling and absorp-
tion-heating in air gaps insulation
powered by humidity fluctuations
(51) Int. Cl.
F24F 3/14 (2006.01)
F24F 7/013 (2006.01)
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(31) 63/061,190 **(32)** 05.08.20 **(33)** US
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(74) Michael Buck IP
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(21) 2021314651 **(22)** 19.04.2021
(54) Backscattered X-photon imaging device
(51) Int. Cl.
G01N 23/203 (2006.01)
G01N 23/20008 (2018.01)
G01T 1/29 (2006.01)
G01V 5/00 (2006.01)
G21K 1/02 (2006.01)
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(54) Genetic-algorithm-based equalization
using iir filters
(51) Int. Cl.
H04R 3/04 (2006.01)
G06N 20/00 (2019.01)
H03H 17/02 (2006.01)
H03H 17/04 (2006.01)
H04R 3/00 (2006.01)
(87) WO2022/076945
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- (54)** Solar panel handling system
(51) Int. Cl.
H02S 20/00 (2014.01)
F24S 25/00 (2018.01)
F24S 25/63 (2018.01)
F24S 25/634 (2018.01)
H02S 30/10 (2014.01)
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BOWERS, Adam; BRINEY, Joseph;
GANGL, Steve; ANGEVINE, Chris; RO-
SCOE, Brian; MEILLER, David
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(54) sBCMA variants and Fc fusion proteins
thereof
(51) Int. Cl.
A61K 39/395 (2006.01)
C07K 14/47 (2006.01)
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THAKKAR, Kaushik; MIZUNO, Kazue
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Cancer Institute, Inc.
(11) AU-A-2021321586
(21) 2021321586 **(22)** 09.08.2021
(54) Therapeutic targeting of phosphate
dysregulation in cancer via the
XPR1:KIDINS220 protein complex
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/47 (2006.01)
(87) WO2022/032228
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PAOLELLA, Brenton; VAZQUEZ, Fran-
cisco
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(54) Systems and methods for determining
a physiological profile using genetic in-
formation
(51) Int. Cl.
G16B 40/30 (2019.01)
G16H 20/00 (2018.01)
G16H 50/20 (2018.01)
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 (11) AU-A-2021350110
 (21) 2021350110 (22) 27.09.2021
 (54) Aqueous compositions comprising hops-metal complex
 (51) Int. Cl.
 A61K 8/19 (2006.01)
 A61K 8/27 (2006.01)
 A61K 8/35 (2006.01)
 A61K 8/9789 (2017.01)
 A61Q 11/00 (2006.01)
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 (74) AJ PARK
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 (21) 2021350111 (22) 27.09.2021
 (54) Oral care composition comprising hops and flavor
 (51) Int. Cl.
 A61K 8/37 (2006.01)
 A61K 8/92 (2006.01)
 A61K 8/9789 (2017.01)
 A61Q 11/00 (2006.01)
 (87) WO2022/067142
 (31) 63/084,018 (32) 28.09.20 (33) US
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 (74) AJ PARK
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 (11) AU-A-2021350112
 (21) 2021350112 (22) 27.09.2021
 (54) Oral care compositions comprising prenylated flavonoids
 (51) Int. Cl.
 A61K 8/60 (2006.01)
 A61K 8/19 (2006.01)
 A61K 8/27 (2006.01)
 A61K 8/49 (2006.01)
 A61K 31/352 (2006.01)
 A61K 31/7048 (2006.01)
 A61K 33/24 (2019.01)
 A61K 33/30 (2006.01)
 A61K 36/185 (2006.01)
 A61P 1/02 (2006.01)
 A61Q 11/00 (2006.01)
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 (21) 2021350837 (22) 27.09.2021
 (54) Array of anticavity oral care compositions
 (51) Int. Cl.
 A61K 8/20 (2006.01)
 A61K 8/19 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/24 (2006.01)
 A61K 8/9789 (2017.01)
 A61P 1/02 (2006.01)
 A61Q 11/00 (2006.01)
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 (21) 2021314918 (22) 28.07.2021
 (54) Compounds
 (51) Int. Cl.
 A61P 37/00 (2006.01)
 A61K 31/519 (2006.01)
 C07D 487/04 (2006.01)
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 (21) 2021328518 (22) 16.08.2021
 (54) Chemical-resistant elastomer binder for flexible electronics
 (51) Int. Cl.
 H01G 11/26 (2013.01)
 H01G 9/048 (2006.01)
 H01M 4/62 (2006.01)
 H01M 12/06 (2006.01)
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 (54) Semi-implantable hearing aid
 (51) Int. Cl.
 H04R 25/00 (2006.01)
 A61F 2/18 (2006.01)
 A61N 1/36 (2006.01)
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 (21) 2021344583 (22) 21.09.2021
 (54) Identifying the presence of metastatic cancer and tissue of origin with microbial nucleic acids
 (51) Int. Cl.
 C12Q 1/6886 (2018.01)
 C12Q 1/6888 (2018.01)
 C12Q 1/689 (2018.01)
 G01N 33/569 (2006.01)
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 (72) POORE, Gregory D.
 (74) Spruson & Ferguson
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 (21) 2021332372 (22) 27.08.2021
 (54) Ultrasound transducer with transmit-ceive capability for histotripsy
 (51) Int. Cl.
 A61N 7/00 (2006.01)
 A61B 17/225 (2006.01)
 (87) WO2022/047193
 (31) 63/071,301 (32) 27.08.20 (33) US
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 (72) HALL, Timothy Lewis; SUKOVICH, Jonathan Robert; XU, Zhen; MACOS-KEY, Jonathan Jenner
 (74) RnB IP Pty Ltd
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- (71) The Trustees of Columbia University in the City of New York
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 (21) 2021332074 (22) 16.08.2021
 (54) Nanoparticulate system for treating oral cancer
 (51) Int. Cl.
 A61K 47/62 (2017.01)
 A61K 49/00 (2006.01)
 A61K 51/06 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2022/046454
 (31) 63/065,806 (32) 14.08.20 (33) US
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A61K 35/17 (2015.01)
A61K 48/00 (2006.01)
C07K 14/005 (2006.01)
C07K 14/155 (2006.01)
C12N 5/10 (2006.01)
C12N 15/00 (2006.01)
- (87) WO2022/051240
(31) 63/073,194 (32) 01.09.20 (33) US
(43) 10.03.2022
(72) RILEY, James L.
(74) RnB IP
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- (71) The United States of America, as represented by the Secretary, Department of Health and Human Services
(11) AU-A-2021336300
(21) 2021336300 (22) 01.09.2021
(54) LZK-targeting degraders and methods of use
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/444 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Thomson, S.
(11) AU-A-2021327032
(21) 2021327032 (22) 11.08.2021
(54) Apparatus for an electronically-enabled board game
(51) Int. Cl.
A63F 3/00 (2006.01)
- (87) WO2022/036389
(31) 2020902930 (32) 18.08.20 (33) AU
(43) 24.02.2022
(72) THOMSON, Stephen John
(74) PIPERS
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- (71) Thomson Reuters Enterprise Centre GmbH
(11) AU-A-2021346958
(21) 2021346958 (22) 24.09.2021
(54) Systems and methods for analysis explainability
(51) Int. Cl.
G06N 5/04 (2006.01)
G06N 20/00 (2019.01)
- (87) WO2022/064450
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- (71) Tomra Systems ASA
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(54) System and process for collecting waste objects
(51) Int. Cl.
G06Q 10/00 (2012.01)
B65G 65/23 (2006.01)
G07F 7/06 (2006.01)
B65G 47/40 (2006.01)
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(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
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- (71) Tsinghua University
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(51) Int. Cl.
H01L 27/146 (2006.01)
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C01B 3/08 (2006.01)
B01D 53/14 (2006.01)
C01B 3/06 (2006.01)
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(54) An underwater camera system
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B63C 11/12 (2006.01)
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G03B 17/08 (2021.01)
G08C 23/06 (2006.01)
H04B 3/54 (2006.01)
H04N 7/18 (2006.01)
H04N 21/4223 (2011.01)
H04N 23/57 (2023.01)
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E04B 2/96 (2006.01)
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C12N 15/86 (2006.01)
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G16H 50/30 (2018.01)
G01N 33/68 (2006.01)
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C07K 14/71 (2006.01)
A61P 27/02 (2006.01)
C07K 19/00 (2006.01)
C12N 15/86 (2006.01)
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H10N 60/01 (2023.01)
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 (51) Int. Cl.
A01N 25/12 (2006.01)
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A01P 13/00 (2006.01)
C07F 9/30 (2006.01)
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A01N 43/40 (2006.01)
A01N 25/02 (2006.01)
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A01N 39/04 (2006.01)
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F03B 17/06 (2006.01)
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B29C 33/00 (2006.01)
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C07D 487/04 (2006.01)
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 (21) 2021333776 (22) 26.08.2021
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 (51) Int. Cl.
C07D 495/20 (2006.01)
A61K 31/438 (2006.01)
A61P 13/12 (2006.01)
C07D 519/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 31/00 (2006.01)
A61K 47/14 (2017.01)
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 (54) Improved horizontal wind turbine
 (51) Int. Cl.
F03D 1/04 (2006.01)

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(72) VOROBIEV, Valerii Yurevich
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(21) 2021328455 **(22)** 18.08.2021
(54) Improved electrochemical membrane
(51) Int. Cl.

H01M 4/86 (2006.01)
B01D 69/12 (2006.01)
C25B 9/23 (2021.01)
C25B 13/08 (2006.01)
H01M 8/1004 (2016.01)
H01M 8/1039 (2016.01)
H01M 8/1053 (2016.01)
H01M 8/106 (2016.01)
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(54) Affinity chromatography devices containing a heat treated fibrillated polymer membrane and manifolds containing the same

(51) Int. Cl.
B01D 15/22 (2006.01)
B01D 15/38 (2006.01)
B01D 63/08 (2006.01)
B01D 63/10 (2006.01)
B01D 69/02 (2006.01)
B01D 71/26 (2006.01)
B01J 20/28 (2006.01)
B01J 20/286 (2006.01)
G01N 30/60 (2006.01)

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 63/159,621 11.03.21 US
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(21) 2021342272 **(22)** 10.09.2021
(54) Affinity chromatography devices containing a fibrillated polymer membrane and manifolds containing the same

(51) Int. Cl.
B01D 15/22 (2006.01)
B01D 15/38 (2006.01)
B01D 63/08 (2006.01)

B01D 63/10 (2006.01)
B01D 71/26 (2006.01)
B01J 20/28 (2006.01)
B01J 20/286 (2006.01)
G01N 30/60 (2006.01)
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(21) 2021307545 **(22)** 13.07.2021
(54) System and method for geolocation of an object in water

(51) Int. Cl.
G01S 5/16 (2006.01)
G06T 7/70 (2017.01)
G06T 7/73 (2017.01)
(87) WO2022/013237
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(71) Wyze Labs, Inc.
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(21) 2021304283 **(22)** 09.07.2021
(54) Dataset-aware and invariant learning for face recognition

(51) Int. Cl.
G06N 20/00 (2019.01)
G06N 3/04 (2006.01)
G06N 3/08 (2006.01)
G06V 10/82 (2022.01)
G06V 40/16 (2022.01)
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(21) 2021340630 **(22)** 08.09.2021
(54) Tissue-derived matrikine compositions and methods therefor

(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 8/65 (2006.01)
A61K 38/01 (2006.01)
A61K 38/18 (2006.01)
A61K 38/39 (2006.01)
A61P 17/02 (2006.01)
A61Q 19/08 (2006.01)
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(71) Zhejiang Weipai Packing Equipment Co.,Ltd.
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(54) Tensioning mechanism
(51) Int. Cl.
B65B 13/22 (2006.01)
(87) WO2022/042315
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(54) Power control method and apparatus, and communication node, and storage medium
(51) Int. Cl.
H04W 52/24 (2009.01)
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(72) YE, Xinquan; CHEN, Yijian; LU, Zhao-hua; YU, Guanghui
(74) WRAYS PTY LTD

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(54) Signal processing method and apparatus, information configuration method and apparatus, device, and storage medium
(51) Int. Cl.
H04L 5/00 (2006.01)
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2020459546	Bosch-Sanchez, C.J.	2021310363	LifeEdit Therapeutics, Inc.
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2020459825	Osaka University	2021310850	Dawn Tech Ltd
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2020460690	Meishan CRRC Brake Science & Technology Co., Ltd	2021311054	Afferent Medical Solutions Ltd.; Gourine, A.
2020460879	Nikon Corporation	2021311134	Orica International Pte Ltd
2020462414	Huawei Technologies Co., Ltd.	2021311368	UBFS LLC
2020462418	Huawei Technologies Co., Ltd.	2021311481	PROMETTRE RESEARCH PTY LTD
2020462630	Huawei Technologies Co., Ltd.	2021311493	Mindset Pharma Inc.
2020463350	Huawei Technologies Co., Ltd.	2021311592	University of Rochester; The Board of Regents of The Nevada System of Higher Education on behalf of The University of Nevada, Las Vegas
2020463511	Dynascan Technology Corp.	2021311665	Chugai Seiyaku Kabushiki Kaisha
2020464187	SM Intellectual Technologies LLC	2021312187	Arqit Limited
2020464339	IMAGOWORKS INC.	2021312245	Amunix Pharmaceuticals, Inc.
2020464356	Chevron U.S.A. Inc.; Triad National Security, LLC	2021312296	INDUSTRIAL ORGANICA, SA DE CV
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2020465464	Salvacion USA Inc.	2021312370	Arqit Limited
2020465979	Compagnie Generale des Etablissements Michelin	2021312427	Kolte, S.; Tarale, S.
2020467880	Vitrobio SAS; Shrivastava, L.; Shrivastava, R.	2021312552	KWESST Inc.
2020470391	Henan Longcheng Coal High Efficiency Technology Application Co., Ltd.	2021312558	Scimar Ltd.
2020476135	Halliburton Energy Services, Inc.	2021312565	LG Electronics Inc.
2021240177	SenseTime International Pte. Ltd.	2021312708	Dyne Therapeutics, Inc.
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2021240197	SenseTime International Pte. Ltd.	2021312941	Control Bionics Limited
2021261833	Jungwoo Metal Ind. Co., Ltd.	2021312968	Maschinenfabrik Reinhausen GmbH
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2021307550	NIGLON LIMITED	2021313476	Akseera Pharma Corp.; Merchant, S.; Patel, M.
2021307602	Guardian Glass, LLC.	2021313714	Orica International Pte Ltd
2021307605	Guardian Glass, LLC.	2021313830	Arqit Limited
2021307934	Invacare Corporation	2021314061	The DNA Company Inc.
2021307935	Invacare Corporation	2021314310	Fog Pharmaceuticals, Inc.
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2021308358	Guardian Glass, LLC.	2021314706	Baoshan Iron & Steel Co., Ltd.
2021308389	ABB Schweiz AG; ETH Zürich; Planted Foods AG	2021314890	Vermes-Gabos, A.
2021308441	SANOFI PASTEUR	2021314918	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin
2021308443	SANOFI PASTEUR	2021315665	Dynamicure Biotechnology LLC
2021308568	Grifols Diagnostic Solutions Inc.	2021316098	R.P. Scherer Technologies, LLC
2021308702	Instil Bio (UK) Limited	2021316230	Leidos, Inc.
2021308727	Referboard Marketing Pty Ltd	2021316252	Angel Group Co., Ltd.
2021308770	SMS Group GmbH	2021316864	PROSERV UK LTD
2021308879	BASF SE	2021316868	Nox Worldwide Limited
2021309018	Idorsia Pharmaceuticals Ltd	2021316880	AdoRx Therapeutics Limited
2021309147	Ennovabio (Zhejiang) Pharmaceuticals Co., Ltd; Shanghai EnnovaBio Pharmaceuticals Co., Ltd.	2021316882	Micropore Technologies Limited
2021309177	Guardian Glass, LLC	2021317095	ARCA TECHNOLOGIES S.R.L.
2021309184	Kale, T.	2021317174	UPL Limited
2021309534	Tomra Systems ASA	2021317186	Sun Pharma Advanced Research Company Limited
2021309571	European Molecular Biology Laboratory; Universität Bern	2021317553	Centro de Inmunologia Molecular
2021309863	Azure Mining Technology Pty Ltd; Chinese Institute of Coal Science	2021317744	Mucpharm Pty Ltd
2021309951	Invacare Corporation	2021317805	Jiangsu Hengrui Pharmaceuticals Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
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2021310145	ZTE Corporation	2021317974	Chugai Seiyaku Kabushiki Kaisha; Yamaguchi University
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		2021318184	Tau Motors, Inc.
		2021318231	Riken; Otsuka Pharmaceutical Co., Ltd.
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		2021318515	Bluth, M.

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2021318827	INCANTHERA (R&D) LTD	2021326637	Iquantum Patent Factory S.A. DE C.V.
2021318851	Dyne Therapeutics, Inc.	2021326640	Liquid Oxygen (LOX) B.V.
2021318940	Vertex Pharmaceuticals Incorporated	2021326673	Raytheon Company
2021318953	Intercontinental Great Brands LLC	2021326871	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2021319051	Heptares Therapeutics Limited		
2021319214	Tau Motors, Inc.	2021326959	Inventio AG
2021319420	Richter Gedeon Nyrt.	2021327032	Thomson, S.
2021319726	Huawei Technologies Co., Ltd.	2021327083	KAIP Pty Limited
2021320129	Novartis AG	2021327086	Newcrest Mining Limited
2021320130	Novartis AG	2021327106	Intelligent Lighting Technologies Inc.
2021320210	Kurita Water Industries Ltd.; Hitachi, Ltd.	2021327164	Cellact Pharma GmbH
2021320297	Daikin Industries, Ltd.	2021327165	Roncadelle Operations Srl
2021320416	Razor USA LLC	2021327375	Plexxikon Inc.
2021320602	Termotera Ltd.	2021327577	Huawei Technologies Co., Ltd.
2021320634	Intercontinental Great Brands LLC	2021327713	Aerofoils GmbH
2021320641	Aven Holdings, Inc.	2021327804	Huawei Digital Power Technologies Co., Ltd.
2021320688	Kurita Water Industries Ltd.; Hitachi, Ltd.	2021327900	Peking University
2021320871	Regeneron Pharmaceuticals, Inc.	2021327952	Cognius AI Pte Ltd
2021321272	Bflike B.V	2021328015	Phoenix Contact GmbH & Co. KG
2021321350	Curis, Inc.	2021328057	Caterpillar Inc.
2021321586	The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.	2021328067	Malema Engineering Corporation
		2021328142	Sandhill One, LLC
2021321667	Furukawa Electric Co., Ltd.; The Furukawa Battery Co., Ltd.	2021328261	Edera L3C
		2021328262	Omeros Corporation
2021321730	Huawei Technologies Co., Ltd.	2021328349	BiolIntervene, Inc.
2021322252	Perfect Day, Inc.	2021328455	W. L. Gore & Associates, Inc.
2021322475	Samsung Electronics Co., Ltd.	2021328466	Shalibaron Corporation
2021322550	Telefonaktiebolaget LM Ericsson (Publ)	2021328475	Sarepta Therapeutics, Inc.
2021322830	UAM Tec Pty Ltd	2021328518	The Regents of the University of California
2021322986	Vorobev, V.; Tereshchuk, N.	2021328535	Brien Holden Vision Institute Limited
2021323108	Changchun Meihe Science and Technology Development Co., Ltd.	2021328575	Bristol-Myers Squibb Company
		2021328578	Bayer CropScience LP
2021323493	IntelliSense.io Limited	2021328675	Sky Medical Technology Ltd
2021323773	Tsinghua University	2021328716	PANDA-Seal International Ltd
2021323854	Beijing BioBiggen Technology Co., Ltd.; BioBiggen Intelmanu (Beijing) Tech Co., Ltd.	2021328761	Dompe Farmaceutici S.p.A.
		2021329061	Manchester University NHS Foundation Trust
2021324395	Norton (Waterford) Limited	2021329092	UPL Limited
2021324488	Litwinski, A.	2021329273	Caterpillar Inc.
2021324537	SodaStream Industries Ltd.	2021329297	Edera L3C
2021324542	Jubilant Epipad LLC	2021329314	Arbor Biotechnologies, Inc.
2021324578	Adagio Medical, Inc.	2021329323	Bristol-Myers Squibb Company
2021324753	Dewpoint Therapeutics, Inc.	2021329366	Auriga Polymers, Inc.
2021324761	The Board of Trustees of the Leland Stanford Junior University	2021329380	Shape Memory Medical, Inc.
		2021329382	Engineered Corrosion Solutions, LLC
2021324764	Enanta Pharmaceuticals, Inc.	2021329388	Schlumberger Technology B.V.
2021324766	Malta Inc.	2021329395	The Regents of the University of California
2021324771	Malta Inc.	2021329413	Oculotherapy, LLC
2021324829	Malta Inc.	2021329415	Schlumberger Technology B.V.
2021324967	Dana-Farber Cancer Institute, Inc.	2021329453	12343096 Canada Inc.
2021324975	Allen Institute	2021329524	Becton, Dickinson and Company
2021324976	MeiraGTx UK II Limited	2021329822	Edera L3C
2021325050	Malta Inc.	2021329825	Edera L3C
2021325072	Malta Inc.	2021329838	Northwestern University
2021325073	Private Identity LLC	2021329900	Ohio State Innovation Foundation
2021325078	Malta Inc.	2021329933	Spotthaim, O.
2021325097	Big Belly Solar LLC	2021329993	Alterity Therapeutics Limited
2021325387	BAE Systems plc	2021330014	Green Li-ion Pte Ltd.
2021325574	Domain Holdings Australia Limited	2021330219	Universitätsklinikum Hamburg-Eppendorf; Cardio-CARE AG
2021325698	Bio-Medical Research Limited		
2021325730	Ocado Innovation Limited	2021330243	Construction Research & Technology GmbH
2021325827	PPC Broadband, Inc.	2021330290	Japan Organization for Metals and Energy Security
2021325872	Dana-Farber Cancer Institute, Inc.	2021330495	Edwards Lifesciences Corporation
2021325953	Big Belly Solar LLC	2021330653	Edwards Lifesciences Corporation
2021325965	Mayo Foundation for Medical Education and Research; President and Fellows of Harvard College	2021331064	ModernaTX, Inc.
		2021331334	NanoMosaic INC.
2021325997	Superior Plastics Extrusion Co. Inc. DBA Impact Plastics	2021331337	The AES Corporation
		2021331344	Pairwise Plants Services, Inc.
2021326180	Chengdu Wending Technology Development Co., Ltd.	2021331368	Carisma Therapeutics Inc.
2021326457	Dana-Farber Cancer Institute, Inc.	2021331399	Construction Research & Technology GmbH
2021326500	Malta Inc.	2021331411	Aquapak Ip Limited
2021326502	Malta Inc.		

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2021331474	University of Pittsburgh - Of the Commonwealth System of Higher Education	2021339759	Eli Lilly and Company
2021331480	FibroGen, Inc.	2021340583	Monsanto Technology LLC; Bayer Aktiengesellschaft
2021331487	Beren Therapeutics P.B.C.	2021340630	Xylyx Bio, Inc.
2021331685	Searo Labs Ltd	2021340632	Resolution Bioscience, Inc.
2021331702	Verte Technologies	2021340721	W. L. Gore & Associates, Inc.
2021331801	Nemiroff, P.	2021340801	BNSF Railway Company
2021331859	HLB Science Inc.	2021341408	Seafarming Systems AS
2021331932	Rocsys B.V.	2021341777	Lenovo (Singapore) Pte. Ltd.
2021331951	Saab AB	2021341897	Lenovo (Singapore) Pte. Ltd.
2021331964	Zhejiang Weipai Packing Equipment Co.,Ltd.	2021342272	W. L. Gore & Associates, Inc.
2021332011	Scanship Holding ASA	2021342362	IHI Corporation
2021332074	The Trustees of Columbia University in the City of New York	2021342550	Compact Carbon Capture AS
2021332187	N W P T - Nano Water Purification Technology Ltd	2021342561	Grail, Inc.
2021332223	Fenwood Labs Inc.	2021342842	Bourke, J.
2021332350	Birdie Pharmaceuticals, Inc.	2021343870	Shell Internationale Research Maatschappij B.V.
2021332372	The Regents of University of Michigan	2021344099	Canon Kabushiki Kaisha
2021333078	Liquid Oxigen (LOX) B.V.	2021344583	The Regents of the University of California
2021333118	Ceres Intellectual Property Company Limited	2021345101	Landis+Gyr Innovations, Inc.
2021333141	Saab AB	2021345489	Lin, W.
2021333283	Pure Lithium Corporation	2021345501	Freedman Electronics Pty Limited
2021333365	JCR Pharmaceuticals Co., Ltd.	2021346222	Ocado Innovation Limited
2021333501	Pure Lithium Corporation	2021346848	Société des Produits Nestlé S. A.
2021333566	Romark Laboratories L.C.	2021346958	Thomson Reuters Enterprise Centre GmbH
2021333776	Vertex Pharmaceuticals Incorporated	2021347122	Closure Systems International Inc.
2021333875	IntelliSense.io Limited	2021347978	Genentech, Inc.
2021333878	Kara Technologies Inc.	2021348942	Paul Hettich GmbH & Co. KG
2021333902	Beren Therapeutics P.B.C.	2021350081	Société des Produits Nestlé S. A.
2021334114	Construction Research & Technology GmbH	2021350110	The Procter & Gamble Company
2021334184	Syngenta Crop Protection AG	2021350111	The Procter & Gamble Company
2021334326	Cila Therapeutic Inc.	2021350112	The Procter & Gamble Company
2021334333	Grail, Inc.	2021350396	GUBRA APS
2021334337	Stepan Company	2021350685	Shah, P.
2021334438	Battlemax (Pty) Ltd	2021350837	The Procter & Gamble Company
2021334496	Dreame Innovation Technology (Suzhou) Co., Ltd.	2021350947	Sony Group Corporation
2021334971	LG Electronics Inc.	2021351210	International Business Machines Corporation
2021335002	INTELLECTUAL PROPERTIES TRADING UG (HAFTUNGSBESCHRÄNKT)	2021351884	Novo Nordisk A/S
2021335100	Searo Labs Ltd	2021351887	BioNTech SE
2021335206	Agilent Technologies, Inc.	2021352641	Globeride, Inc.
2021335276	Doosan Lentjes GmbH	2021353123	Guardian Glass, LLC.; Guardian Europe S.À R.L.
2021335419	Sandvik Mining and Construction Oy	2021353828	Alteryx, Inc.
2021335420	Sandvik Mining and Construction Oy	2021353998	AlzProtect
2021335785	Rafael Advanced Defense Systems Ltd.	2021354905	Novo Nordisk A/S
2021335912	Heineken Supply Chain B.V.	2021355989	LG ELECTRONICS INC.
2021335913	Heineken Supply Chain B.V.	2021356110	AlzProtect
2021336178	Kabushiki Kaisha Toyota Jidoshokki	2021357124	Kowa Company, Ltd.
2021336246	Fujikura Ltd.; Nippon Telegraph and Telephone Corporation	2021357463	Sony Group Corporation
2021336300	The United States of America, as represented by the Secretary, Department of Health and Human Services	2021358117	That Corporation
2021336425	University of Massachusetts	2021358204	Komatsu Ltd.
2021336521	Levee Medical, Inc.	2021358290	Bam AG; Progress Maschinen & Automation AG
2021336665	National Research Council of Canada (NRC)	2021358861	Qualcomm Incorporated
2021336779	Edwards Lifesciences Corporation	2021359683	HeidelbergCement AG
2021336911	Teon Therapeutics, Inc.	2021360600	Amgen Inc.
2021337124	AMEX SANIVAR AG	2021361869	Amgen Inc.
2021337181	Sandvik Mining and Construction Oy	2021362203	Pure Maintenance
2021337199	Imperial College Innovations Limited	2021363553	Société des Produits Nestlé S. A.
2021337223	PharmAbcine Inc.; Merck Sharp & Dohme B.V.; MSD International GmbH	2021364314	Caribou Biosciences, Inc.
2021337534	The Trustees of the University of Pennsylvania	2021366312	Freezio AG
2021337538	Hill's Pet Nutrition, Inc.	2021366502	Tykhe Tech Pte. Ltd.
2021337711	Ascentawits Pharmaceuticals, Ltd.	2021366578	CRRC YANGTZE CO., LTD.
2021337828	Rafael Advanced Defense Systems Ltd.	2021367384	State Grid Shanghai Municipal Electric Power Company; Zhengzhou Dafang Software Co., Ltd.
2021338577	Boehringer Ingelheim International GmbH	2021369085	Blindspace AB
2021338832	Nanjing Agricultural University; L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude	2021369430	Karl Leibinger Medizintechnik GmbH & Co. KG
2021339039	Biopaxium Technologies Limited	2021375694	Hitachi Construction Machinery Co., Ltd.
2021339101	Compact Carbon Capture AS	2021377602	Stowe Woodward Licensco LLC
		2021383588	Restaurant Technologies, Inc.
		2021387203	IHI Corporation
		2021393000	ENPV GmbH
		2021426703	Nihon Itomic Co., Ltd.
		2021427875	China University Of Petroleum(East China)

PCT applications which have entered the National Phase - Numerical Index cont'd

2021460325 CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co. Ltd.
2021460326 CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co. Ltd.
2022217314 APR Co., Ltd.
2022221464 Huang, G.
2022227545 Acutronic Turbines, Inc.
2022235121 HEFEI TG IMMUNOPHARMA CO., LTD.
2022235630 Apple Inc.
2022279372 Buzzworks Pty Ltd
2022291666 China University of Mining and Technology
2022316516 Shandong Jianzhu University; Shandong Fuyou Technology Co. , Ltd.

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<u>A01B 79 /-</u>	<u>A23C 11 /-</u>	<u>A23N 12 /-</u>	<u>A61B 5 /-</u>	2021326457	2021316230
2021338832	2021346848 2021350081	2021363553	2021330495 2021330653	2021327164 2021327375 2021328349	2021317553 2021317805 2021317974
<u>A01K 61 /-</u>	<u>A23D 7 /-</u>	<u>A23P 30 /-</u>	<u>A61B 90 /-</u>	2021328575 2021329323	2021318102 2021318515
2021341408	2021321272	2021308389	2021336521 2021336779	2021329413 2021331064 2021331480	2021318851 2021320129 2021320130
<u>A01K 67 /-</u>	<u>A23D 9 /-</u>	<u>A24D 1 /-</u>	<u>A61C 13 /-</u>	2021331487 2021332350	2021321586 2021324761
2021318231	2021321272	2020459546	<u>A61C 9 /-</u>	2021333566 2021333776	2021328262 2021329838
<u>A01K 87 /-</u>	<u>A23F 5 /-</u>	<u>A24D 3 /-</u>	<u>A61C 9 /-</u>	2021333902 2021334326	2021331064 2021337223
2021352641	2021363553	2020459546	<u>A61C 9 /-</u>	2021336300 2021336911	2021339759 2022235121
<u>A01N 25 /-</u>	<u>A23G 1 /-</u>	<u>A41D 13 /-</u>	<u>A61F 13 /-</u>	2021350112 2021351887	<u>A61K 45 /-</u>
2021317174 2021328578 2021329092	2021320634	2021308188	2021329933	2021353998 2021356110	2021317186 2021321586
<u>A01N 39 /-</u>	<u>A23J 3 /-</u>	<u>A42B 1 /-</u>	<u>A61F 2 /-</u>	<u>A61K 33 /-</u>	2021325965 2021332350
2021329092	2021308389 2021312558 2021321272	2021308188	2021329395 2021330653	2020465464 2021316882	<u>A61K 47 /-</u>
<u>A01N 41 /-</u>	<u>A23J 7 /-</u>	<u>A45D 20 /-</u>	2021369430	2021350112	2020459746
2021328578 2021340583	2021312558	2021312565	<u>A61F 9 /-</u>	<u>A61K 35 /-</u>	2020467880 2021308443
<u>A01N 43 /-</u>	<u>A23K 20 /-</u>	<u>A47B 47 /-</u>	2021324976	2020459825 2021308702	2021309018 2021311665
2021328578 2021329092 2021334184 2021340583 2021350685	2021337538	2021348942	<u>A61G 7 /-</u>	2021317974 2021318102	2021312296 2021312708
<u>A01N 57 /-</u>	<u>A23K 50 /-</u>	<u>A47B 49 /-</u>	2020460123	2021322252 2021329453	2021312709 2021313057
2021317174	2021337538	2021348942	<u>A61H 23 /-</u>	2021329838 2021331368	2021318827 2021318851
<u>A01N 59 /-</u>	<u>A23L 11 /-</u>	<u>A47F 5 /-</u>	2022217314	2021337534	2021327164 2021332074
2021346848 2021350081	2021346848 2021350081	2021345489	<u>A61J 1 /-</u>	<u>A61K 36 /-</u>	2021339759 2021347978
<u>A01N 59 /-</u>	<u>A23L 13 /-</u>	<u>A47H 5 /-</u>	2021361869	2021350112 2022221464	<u>A61K 48 /-</u>
2021338832	2021321272	2021310850	<u>A61K 31 /-</u>	<u>A61K 38 /-</u>	2021312320 2021337534
<u>A01N 63 /-</u>	<u>A23L 2 /-</u>	<u>A47J 31 /-</u>	2020465464 2020467880	2020459746 2021310363	<u>A61K 49 /-</u>
2021328578	2021346848	2021366312	2021309018 2021309147	2021313057 2021312708	2021312558 2021332074
<u>A01P 13 /-</u>	<u>A23L 25 /-</u>	<u>A47L 11 /-</u>	2021311665 2021312296	2021314310 2021317744	<u>A61K 51 /-</u>
2021317174	2021346848	2021334496	2021313150 2021313151	2021319051 2021321586	2021332074
<u>A01P 21 /-</u>	<u>A23L 29 /-</u>	<u>A47L 9 /-</u>	2021313476 2021314918	2021322252 2021327900	<u>A61K 8 /-</u>
2021338832	2021312558 2021321272	2021334496 2021334971	2021316880 2021316882	2021328761 2021329900	2021328761 2021340630
<u>A01P 3 /-</u>	2021346848	2021355989	2021317186 2021317744	2021331474 2021331859	2021350110 2021350111
2021328578	<u>A23L 33 /-</u>	<u>A61B 17 /-</u>	2021317820 2021318827	2021340630 2021350396	2021350112 2021350837
<u>A21D 13 /-</u>	2021320634 2021322252	2021329380 2021332372	2021318851 2021319420	<u>A61K 39 /-</u>	<u>A61K 9 /-</u>
2021320634	2021331859 2021346848	2021336521	2021321350 2021324395	2020459746 2021312708	2020467880 2021308441
<u>A21D 2 /-</u>	<u>A23L 7 /-</u>	<u>A61B 18 /-</u>	2021324542 2021324764	2021313057 2021315665	2021308443
2021320634	2021346848	2021324578	2021325872 2021325965 2021326180	2021316098	

PCT applications which have entered the National Phase - IPC Index cont'd

2021309018	<u>A61N 1/-</u>	<u>A61P 27/-</u>	2021311665	2021307934	<u>B05B 1/-</u>
2021311665			2021317974	2021307935	
2021312296	2021311054	2021312296		2021309951	2021329382
2021313151	2021325698	2021313151	<u>A61P 7/-</u>	2021309952	
2021318827	2021328675	2021329413		2021310288	<u>B05C 11/-</u>
2021324395	2021329395	2021336425	2021309018	2021335276	2021328067
2021327164	2022217314			2021339101	
2021328761		<u>A61P 29/-</u>	<u>A61P 9/-</u>	2021342550	<u>B05D 1/-</u>
2021329413	<u>A61N 5/-</u>		2021328349	2021366502	
2021329900		2021328262	2021331487		2021339039
2021331064	2022217314	2021328349	2021333902	<u>B01D 63/-</u>	
2021331487					<u>B07B 1/-</u>
2021333902	<u>A61N 7/-</u>	<u>A61P 3/-</u>	<u>A61Q 11/-</u>	2021316882	2021309184
2021340630				2021340721	
2021351887	2021332372	2021322252	2021350110	2021342272	
		2021326180	2021350111		<u>B07B 11/-</u>
<u>A61L 11/-</u>	<u>A61P 1/-</u>	2021331487	2021350112	<u>B01D 69/-</u>	2021309184
		2021333902	2021350837		
2021334971	2021309147	<u>A61P 31/-</u>		2021328455	<u>B07B 4/-</u>
	2021327164		<u>A61Q 19/-</u>	2021340721	
<u>A61L 15/-</u>	2021328575			<u>B01D 71/-</u>	2021309184
	2021329323	2020465464	2021328761		
2021329933	2021336911	2021313476	2021340630	2021340721	<u>B07B 9/-</u>
	2021350112	2021317744		2021342272	
<u>A61L 2/-</u>	2021350837	2021318515	<u>A62B 17/-</u>		2021309184
		2021321350		<u>B01D 9/-</u>	
2021310857	<u>A61P 11/-</u>	2021322252	2021329061		<u>B09B 3/-</u>
2021316868		2021324764		2021316882	
2021362203	2021317553	2021327164	<u>A62B 18/-</u>		2021332011
	2021324395	2021331064		<u>B01F 27/-</u>	
<u>A61L 27/-</u>	2021328349	2021333566	2021329061		<u>B21F 15/-</u>
	2021328575	2022221464		2021320871	
2021318231	2021329323	<u>A61P 33/-</u>	<u>A62B 23/-</u>		2021358290
				<u>B01J 19/-</u>	
<u>A61L 31/-</u>	<u>A61P 13/-</u>	2021313150	2021329061		<u>B21F 27/-</u>
			<u>A62C 3/-</u>	2021343870	
2021329380	2021326180	<u>A61P 35/-</u>		<u>B01J 20/-</u>	2021358290
	2021328575		2021309863		<u>B23K 26/-</u>
<u>A61L 9/-</u>	2021329323	2021311665	<u>A62C 31/-</u>	2020464187	
	2021333776	2021315665		2021307602	2020460879
2021310857		2021316230	2021329382	2021340721	
2021316868	<u>A61P 17/-</u>	2021316880		2021342272	<u>B25J 13/-</u>
		2021317805	<u>A62C 35/-</u>		
<u>A61M 15/-</u>	2020459825	2021317820		<u>B01J 27/-</u>	2021331932
	2021328761	2021317974	2021329382		<u>B25J 17/-</u>
2021324395	2021339759	2021320129		2021333878	
	2021340630	2021320130	<u>A63F 1/-</u>		<u>B01J 32/-</u>
<u>A61M 16/-</u>		2021321350		2021333878	
	<u>A61P 19/-</u>	2021321586	2021316252		<u>B25J 9/-</u>
2021307934		2021324967		<u>B02C 23/-</u>	2021331932
2021307935	2021319420	2021325872	<u>A63F 13/-</u>		
2021309951	2021339759	2021325965		2021309184	<u>B29C 33/-</u>
2021310288		2021326457	2021240177		
2021324537	<u>A61P 21/-</u>	2021327375		<u>B03B 1/-</u>	2021331702
2021326637		2021327900	<u>A63F 3/-</u>		
	2021312709	2021328349		2021327032	<u>B01D 15/-</u>
<u>A61M 21/-</u>	2021318851	2021329453			
	2021356110	2021331480	2021327032	2021330014	<u>B29C 43/-</u>
2021326640		2021332074	<u>B01D 46/-</u>		
	<u>A61P 25/-</u>	2021336300		<u>B03D 1/-</u>	2021369430
<u>A61M 25/-</u>		2021337223	2021340721		<u>B29C 44/-</u>
	2021313150	2022235121	2021342272	2021330290	
2021336779	2021316230	<u>A61P 37/-</u>		<u>B03D 101/-</u>	2021334337
	2021317186		<u>B01D 53/-</u>		<u>B29C 48/-</u>
<u>A61M 31/-</u>	2021319420	2021314918		2021330290	
	2021328349	2021321350	2020464187		2021308389
2021351884	2021329413	2021328262	2021307445	<u>B03D 103/-</u>	2021325997
2021354905	2021329993	2021328349	2021307602		
	2021331859			2021330290	<u>B29C 65/-</u>
<u>A61M 5/-</u>	2021353998	<u>A61P 43/-</u>			
	2021356110				2021328015
2021324976		2021308441			
2021327165					
2021361869					

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B32B 23 /-	B61L 1 /-	2021361869	C01B 13 /-	C07C 255 /-	C07D 261 /-
2021331411	2021340801	B65D 83 /-	2021307935	2021331480	2021329993
B32B 27 /-	B61L 27 /-	2021318953	C01B 15 /-	C07C 29 /-	C07D 271 /-
2021325997	2021340801	B65D 85 /-	2021310830	2021323108	2021325872
2021331411	B61L 29 /-	2021335002	C01B 3 /-	C07C 31 /-	C07D 277 /-
B32B 37 /-	2021340801	2021366312	2021343870	2021323108	2021329993
2021325997	B62J 43 /-	B65F 1 /-	2021366502	C07C 311 /-	C07D 285 /-
B32B 5 /-	2021320416	2021325097	C01B 32 /-	2021324967	2021329993
2021339039	B62K 11 /-	2021325953	2021343870	C07C 317 /-	C07D 295 /-
B33Y 70 /-	2021320416	B65G 1 /-	C01G 9 /-	2021324967	2021324967
2021308879	B62K 3 /-	2021325730	2021310830	C07D 207 /-	C07D 307 /-
B41M 3 /-	2021320416	2021346222	C02F 1 /-	2021324764	2021329993
2021308879	B62M 6 /-	B65G 3 /-	2021332011	C07D 209 /-	2021337199
B60B 25 /-	2021320416	2021320210	2021332187	2021311493	C07D 317 /-
2021329273	B63B 32 /-	2021320688	C02F 11 /-	2021324542	2021329993
B60B 35 /-	2021327713	2021333875	2021314706	2021329993	C07D 323 /-
2020465979	B63C 11 /-	B65G 47 /-	2021332011	C07D 213 /-	2021332187
B60C 9 /-	2021322830	2021309534	C02F 9 /-	2021308443	C07D 333 /-
2020465979	B65B 13 /-	B65G 65 /-	2021332011	2021329993	2021329993
B60G 9 /-	2021331964	2021309534	C03C 17 /-	C07D 215 /-	C07D 401 /-
2020465979	B65D 1 /-	B65H 29 /-	2021353123	2021329993	2021313150
B60L 50 /-	2021339039	2021317095	C04B 103 /-	C07D 221 /-	2021324542
2021320416	B65D 25 /-	B65H 5 /-	2021359683	2021329993	2021325872
B60L 53 /-	2021318953	2021317095	C04B 111 /-	C07D 231 /-	2021329323
2021320416	B65D 41 /-	B66B 19 /-	2021359683	2021325872	2021334184
2021331932	2021307445	2021326959	C04B 14 /-	C07D 233 /-	2021336300
B60T 8 /-	2021347122	B66B 7 /-	2021359683	2021308443	C07D 403 /-
2020460690	B65D 5 /-	2021326959	C04B 20 /-	2021308879	2021317820
B60W 30 /-	2021339039	B66C 7 /-	2021359683	2021324967	2021329323
2019301524	B65D 55 /-	2021325730	C04B 28 /-	2021329993	C07D 405 /-
B61B 12 /-	2021325097	B66B 9 /-	2021330243	C07D 235 /-	2021313150
2021366578	2021325953	2021336178	2021331399	2021324967	2021329323
B61B 3 /-	B65D 6 /-	B67D 1 /-	2021334114	2021353998	C07D 409 /-
2021366578	2021318953	2021335912	C04B 40 /-	C07D 237 /-	2021313150
B61C 13 /-	2021318953	2021335913	2021334114	2021329993	C07D 413 /-
2021366578	B65D 65 /-	2021366312	C07C 229 /-	C07D 239 /-	2021313150
B61F 5 /-	2021331685	B67D 7 /-	2021308441	2021308879	2021325872
2021366578	2021339039	2021366312	C07C 233 /-	2021329993	2021331480
B61F 5 /-	B65D 81 /-	B82Y 15 /-	2021324967	C07D 241 /-	C07D 417 /-
2021366578	2021318953	2021331334	B82Y 30 /-	2021329993	2021313150
	2021325097	2021332187		C07D 243 /-	2021316880
	2021325953			2021324542	2021336300

PCT applications which have entered the National Phase - IPC Index cont'd

<u>C07D 451 /-</u>		<u>C08G 63 /-</u>		<u>C22F 1 /-</u>	<u>E21B 33 /-</u>
2021328575	<u>C07J 41 /-</u>	2021329366	<u>C12N 5 /-</u>	2021321667	2021328716
2021329323	2021328142		2020459825		
<u>C07D 455 /-</u>	<u>C07J 43 /-</u>	<u>C08K 5 /-</u>	2021317974	<u>C25B 1 /-</u>	<u>E21B 36 /-</u>
2021309147	2021328142	2021331411	2021318102	2021333118	2021328716
<u>C07D 471 /-</u>	<u>C07J 51 /-</u>	<u>C08L 29 /-</u>	2021318231	<u>C25B 13 /-</u>	<u>E21B 4 /-</u>
2021313150	2021328142	2021331411	2021325965	2021328455	2021329388
2021316880		<u>C08L 5 /-</u>	2021329838	<u>C25B 9 /-</u>	<u>E21B 40 /-</u>
2021324542	<u>C07K 14 /-</u>	2021331685	2021331368	2021328455	2020476135
2021328349	2020459746	<u>C09B 11 /-</u>	2021333365	2021333118	<u>E21B 43 /-</u>
2021328575	2021308702	2021307437	2021337534	<u>C25C 1 /-</u>	2021311134
2021329323	2021310363	<u>C09B 57 /-</u>	<u>C12N 7 /-</u>	2021333283	2021327086
2021329993	2021312709	2021307437	2021328475	2021333501	2021329388
2021334184	2021313476	<u>C09C 1 /-</u>	2021331064		
<u>C07D 473 /-</u>	2021316230	2021307437	<u>C12N 9 /-</u>	<u>C25D 3 /-</u>	<u>E21B 47 /-</u>
2021328349	2021317974	2021307437	2021310363	2021333283	2020476135
2021336911	2021319051	<u>C09C 3 /-</u>	2021317744	2021333501	<u>E21B 7 /-</u>
<u>C07D 487 /-</u>	2021321586	2021332187	2021322252	<u>D21F 3 /-</u>	2021337181
2021313150	2021322252	<u>C09C 3 /-</u>	2021327900	2021377602	<u>E21C 37 /-</u>
2021314918	2021324761	2021332187	2021329314	<u>E02F 5 /-</u>	2021327086
2021316880	2021328761	<u>C09D 11 /-</u>	2021331344	2021358204	<u>E21C 41 /-</u>
2021318940	2021331064	2021332187	2021331368	<u>E02F 9 /-</u>	2021327086
2021319420	2021331344	<u>C09D 167 /-</u>	2021333365	2021358204	<u>E21C 45 /-</u>
2021326457	2021331474	2021308879	2021364314	<u>E04B 1 /-</u>	2021327086
2021329323	2021336425	<u>C09D 167 /-</u>	<u>C12Q 1 /-</u>	2021331801	<u>E21D 23 /-</u>
2021334184	2021337534	2021308879	2021360600	<u>E04B 2 /-</u>	2021460325
<u>C07D 491 /-</u>	2021350396	<u>C09D 167 /-</u>	2021309571	<u>E04C 2 /-</u>	2021460326
2021307437	<u>C07K 16 /-</u>	<u>C09D 167 /-</u>	2021312245	2021334337	<u>E21F 13 /-</u>
2021313150	2020459746	<u>C09D 167 /-</u>	2021312245	<u>E04C 5 /-</u>	<u>F01K 13 /-</u>
2021316880	2021308568	<u>C09D 167 /-</u>	2021318231	2021308326	2021324766
2021318940	2021315665	<u>C09D 201 /-</u>	2021323854	<u>E05B 47 /-</u>	2021324829
2021319420	2021318515	2021318264	2021338577	2021325050	2021325078
2021326457	2021320129	<u>C09K 5 /-</u>	2021340632	2021325078	2021326500
2021329323	2021320130	2021335100	2021344583	2021326517	
2021334184	2021322252	<u>C10G 3 /-</u>	2021360600	<u>E06B 3 /-</u>	
<u>C07D 493 /-</u>	2021328262	2021333878	<u>C21B 3 /-</u>	2021307602	
2021326457	2021335206	<u>C12N 1 /-</u>	2021314706	2021307605	
<u>C07D 495 /-</u>	2021337223	2021317974	<u>C22B 15 /-</u>	<u>E06B 9 /-</u>	
2021326457	2021339759	<u>C12N 15 /-</u>	2021308770	2021307605	
2021329993	2022235121	2021308443	2021330290	<u>E06B 9 /-</u>	
2021333776	<u>C07K 19 /-</u>	2021310363	<u>C22B 26 /-</u>	2021307602	
<u>C07D 498 /-</u>	2021317974	2021312320	2021329415	2021307605	
2021313150	2021318515	2021312709	<u>C22B 3 /-</u>	<u>E06B 9 /-</u>	
2021316880	2021322252	2021317974	2021329415	2021369085	
2021329993	2021329453	2021318851	2021330014	<u>E21B 17 /-</u>	
2021333776	2021336425	2021324975	<u>C22B 5 /-</u>	2020476135	<u>F01K 7 /-</u>
<u>C07D 493 /-</u>	<u>C07K 5 /-</u>	2021329314	2021308770	2021327086	
2021326457	2021322252	2021331344	<u>C22B 7 /-</u>		
<u>C07D 495 /-</u>	2021328262	2021331474	<u>C22B 9 /-</u>		
2021329993	2021335206	2021333365	2021329415		
2021333776	2021337223	2021336425	2021308770		
<u>C07D 495 /-</u>	2021339759	2021337534	<u>C22C 11 /-</u>		
2021326457	2022235121	2021340632	2021321667		
2021329993	<u>C07K 19 /-</u>	2021360600			
2021333776	2021317974	2021364314			
<u>C07D 498 /-</u>	2021318515	2022235121			
2021316880	2021322252				
2021324542	2021329453				
<u>C07D 513 /-</u>	2021336425				
2021313150	<u>C07K 7 /-</u>				
2021316880	2021314310				
2021324542	<u>C08F 20 /-</u>				
<u>C07D 519 /-</u>	2021329366				
2021333776	<u>C08G 18 /-</u>				
<u>C07F 9 /-</u>	2021329366				
2021311493					
2021317174					
<u>C07J 31 /-</u>					
2021328142					

PCT applications which have entered the National Phase - IPC Index cont'd

2021325072	<u>F16J 15/-</u>		<u>F41G 7/-</u>	<u>G01R 27/-</u>	
2021325078		<u>F24H 1/-</u>			<u>G05B 13/-</u>
2021326502	2021326673	2021426703	2021325387	2021345101	2021312941
2021326517	<u>F16L 21/-</u>		<u>F41H 1/-</u>	<u>G01R 31/-</u>	
<u>F02B 37/-</u>		<u>F24H 4/-</u>			<u>G05B 19/-</u>
	2021261833	2021426703	2022279372	2021316864	2021460325
2021328057	<u>F16L 23/-</u>		<u>F41H 13/-</u>	<u>G01S 1/-</u>	2021460326
<u>F02C 1/-</u>		<u>F24S 25/-</u>		2020458433	<u>G05B 23/-</u>
	2021326673	2021331337	2021325387	<u>G01S 17/-</u>	2021387203
2021324766	<u>F16L 47/-</u>		2021337828		
2021324829		<u>F25B 1/-</u>	<u>F42D 1/-</u>	2021336665	<u>G05D 1/-</u>
2021325050	2021327086	2021335912			2021335419
2021325078			2021313714	<u>G01S 19/-</u>	2021335420
2021326500	<u>F16L 55/-</u>	<u>F25B 25/-</u>	<u>F42D 3/-</u>		
2021326517				2021313714	<u>G06F 1/-</u>
<u>F02C 6/-</u>	2021328067	2021335912	2021313714	2021335419	
	2021337124				2021318264
2021324829	<u>F21K 9/-</u>	<u>F25D 11/-</u>	<u>G01B 17/-</u>	<u>G01S 5/-</u>	2021320297
2021325050					
2021325078	2021327106	2021326871	2021377602	2021307545	<u>G06F 16/-</u>
2021326517					2021308727
<u>F02C 7/-</u>	<u>F21V 15/-</u>	<u>F25D 21/-</u>	<u>G01C 21/-</u>	<u>G01S 7/-</u>	2021351210
2022227545	2021327106	2021326871	2021313714	2021335785	<u>G06F 17/-</u>
<u>F02D 41/-</u>	<u>F21V 19/-</u>	<u>F25D 3/-</u>	2021335420	2021336665	
			<u>G01J 5/-</u>	2021337828	
2021328057	2021327106	2021318599		<u>G01T 1/-</u>	2021320641
<u>F02D 9/-</u>	<u>F21V 25/-</u>	2021335002	2021377602		<u>G06F 21/-</u>
		2021427875	<u>G01N 21/-</u>	2021314651	
2021328057	2021327106	<u>F25D 31/-</u>		<u>G01V 5/-</u>	2021325073
<u>F02M 37/-</u>	<u>F21V 29/-</u>	2021318599	2021324753		<u>G06F 3/-</u>
			2021331334	2021314651	
2021328067	2021327106	<u>F26B 3/-</u>	<u>G01N 23/-</u>	<u>G01W 1/-</u>	2022235630
<u>F03B 13/-</u>	<u>F21V 5/-</u>	2021314706			<u>G06F 30/-</u>
			2021314651	2021320688	
2021314890	2021327106	<u>F27B 7/-</u>	<u>G01N 29/-</u>	<u>G02B 26/-</u>	2022316516
<u>F03B 17/-</u>	<u>F21V 7/-</u>	2020470391			<u>G06F 40/-</u>
			2020464356	2021335785	
2021314890	2021327106	<u>F28B 7/-</u>	<u>G01N 30/-</u>	<u>G02B 27/-</u>	2021327952
<u>F03D 1/-</u>	<u>F22B 37/-</u>	2021427875			<u>G06F 9/-</u>
			2021312245	2021335785	
2021322986	2021387203	<u>F28B 9/-</u>	2021340721	2021337828	2021240195
<u>F03D 9/-</u>	<u>F23G 5/-</u>	2021427875	2021342272	<u>G02B 3/-</u>	2021240197
			<u>G01N 31/-</u>		
2021322986	2021332011	<u>F28D 15/-</u>		2021357124	<u>G06K 17/-</u>
<u>F04D 29/-</u>	<u>F24C 15/-</u>	2021320297	2021360600	<u>G02B 5/-</u>	2021316252
			<u>G01N 33/-</u>		<u>G06K 19/-</u>
2021334438	2021383588	<u>F28D 20/-</u>		2021357124	
<u>F04D 7/-</u>	<u>F24F 11/-</u>	2021325072	2021307437	<u>G02B 6/-</u>	2021316252
		2021325078	2021311481		
2021334438	2021327083	2021326502	2021312245	2021336246	<u>G06N 20/-</u>
<u>F15B 1/-</u>	<u>F24F 13/-</u>	2021326517	2021324753		
			2021330219	<u>G02C 7/-</u>	2021304283
2021328067	2021327083	<u>F41G 11/-</u>	2021331334		2021311134
<u>F16D 13/-</u>	<u>F24F 3/-</u>		2021335206	2021328535	2021325073
		2021312552	2021337711	2021357124	2021325574
2021314567	2021320602	<u>F41G 3/-</u>	2021344583	<u>G03B 17/-</u>	2021346958
			2021360600		2021358117
<u>F24F 7/-</u>	<u>F24F 7/-</u>	2021325387	2022235121	2021322830	2021363553
			<u>G01R 19/-</u>		<u>G06N 3/-</u>
2021320602				2021344099	2021304283
			2021313467		

PCT applications which have entered the National Phase - IPC Index cont'd

2021353828	<u>G09B 15 /-</u>	<u>H01H 71 /-</u>	<u>H02G 3 /-</u>	<u>H02S 20 /-</u>	2021322830
<u>G06N 5 /-</u>	2021342842	2021313467	2021307550	2021331337	<u>H04R 1 /-</u>
2021346958	<u>G09F 9 /-</u>	<u>H01L 27 /-</u>	<u>H02H 1 /-</u>	<u>H02S 30 /-</u>	2021329395 2021345501
<u>G06Q 10 /-</u>	2020463511	2021323773	2021313467	2021313081 2021331337	<u>H04R 19 /-</u>
2021309534 2021320688 2021323493 2021328261 2021329297 2021329822 2021333875 2021367384	<u>G10K 11 /-</u> <u>G10K 15 /-</u>	<u>H01L 31 /-</u> <u>H01M 10 /-</u>	<u>H02J 1 /-</u> <u>H02J 13 /-</u>	<u>H03F 1 /-</u> <u>H03F 3 /-</u>	2021345501 <u>H04R 25 /-</u> 2021329395
<u>G06Q 20 /-</u>	<u>G10L 15 /-</u>	<u>H01M 12 /-</u>	<u>H02J 3 /-</u>	<u>H03H 17 /-</u>	2021329395 2021345501 2021358117
2021312370	2021327952	2021328518	<u>H02J 7 /-</u>	2021358117	
<u>G06Q 30 /-</u>	<u>G16B 20 /-</u>	<u>H01M 4 /-</u>	2021342362	<u>H03H 7 /-</u>	<u>H04R 5 /-</u>
2021308727 2021325574 2021329825	2021323854 2021334333 <u>G16B 25 /-</u>	2021321667 2021328455 2021328518 2021333283 2021333501	<u>H02K 1 /-</u>	2021325827	2021326640 2021329395
<u>G06Q 40 /-</u>	2021323854	<u>H01M 50 /-</u>	2021312565 2021318184 2021319214	<u>H04B 3 /-</u>	<u>H04S 7 /-</u>
2021312370	<u>G16B 30 /-</u>		<u>H02K 21 /-</u>	2021322830	2021326640 2021333078 2021357463
<u>G06Q 50 /-</u>	2021342561	2021309863 2021310148 2021332223	2021319214	<u>H04B 7 /-</u>	
2021311134 2021320210 2021325574 2021333875	<u>G16B 40 /-</u>	<u>H01M 6 /-</u>	<u>H02K 27 /-</u>	2020464522	<u>H04W 12 /-</u>
<u>G06T 7 /-</u>	2021314061 2021342561	2021330014	2021319214	<u>H04L 1 /-</u>	2020462414 2020462630
2021305841 2021307545	<u>G16H 10 /-</u>	<u>H01M 8 /-</u>	<u>H02K 3 /-</u>	<u>H04L 12 /-</u>	<u>H04W 16 /-</u>
<u>G06V 10 /-</u>	2021312427	2021328455 2021333118	2021312565 2021318184	2020462414	2021350947
2021304283 2021305841	<u>G16H 20 /-</u>	<u>H01Q 13 /-</u>	<u>H02K 5 /-</u>	<u>H04L 5 /-</u>	<u>H04W 24 /-</u>
<u>G06V 40 /-</u>	2021314061 2021326640 2021329524	2021331951 2021333141	2021312565	2021310150 2021341777	2021327577
2021304283	<u>G16H 40 /-</u>	<u>H01Q 21 /-</u>	2021312565	<u>H04L 9 /-</u>	<u>H04W 28 /-</u>
<u>G07F 17 /-</u>	2021309951 2021312427 2021329524	2021331951 2021333141	<u>H02K 7 /-</u>	2021312187 2021313830 2021320641 2021328466	2020462418 2021319726
2021305841	<u>G16H 50 /-</u>	<u>H01R 13 /-</u>	<u>H02K 9 /-</u>	<u>H04M 1 /-</u>	<u>H04W 36 /-</u>
<u>G07F 7 /-</u>	2021314061 2021330219	2021331932	2021312565	2021322475	2021322550
2021309534	<u>G21K 1 /-</u>	<u>H01R 9 /-</u>	<u>H02M 3 /-</u>	<u>H04N 19 /-</u>	<u>H04W 4 /-</u>
<u>G08B 13 /-</u>	2021314651	2021328015	2021327804	2021358861	2020458433 2021321730 2022291666
2021305841	<u>H01F 29 /-</u>	<u>H01S 3 /-</u>	<u>H02P 23 /-</u>	<u>H04N 21 /-</u>	<u>H04W 52 /-</u>
<u>G08C 23 /-</u>	2021312968	2021335785 2021337828	2021318184	2021322830	2021310145 2021322550
2021322830	<u>H01G 11 /-</u>	<u>H01S 5 /-</u>	<u>H02P 25 /-</u>	<u>H04N 23 /-</u>	<u>H04W 56 /-</u>
<u>G08G 1 /-</u>	2021328518	2021335785	2021319214	2021322830	2020463350
2019301524 2021312427 2021336178 2021375694	<u>H01G 9 /-</u>	<u>H02B 13 /-</u>	<u>H02P 27 /-</u>	<u>H04N 5 /-</u>	<u>H04W 64 /-</u>
	2021313467	2021313467	2021319214	2021305841	2020458433 2021341897
				<u>H04N 7 /-</u>	
				2021305841	

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H04W 72 /-

2021341897

H04W 76 /-

2021322550

H05K 1 /-

2021322475

H05K 7 /-

2020463511

2021320297

H05K 9 /-

2021318264

H10N 60 /-

2021311592

Applications Accepted

Name Index

-
- (71) [24]7 .AI, INC.
 (11) AU-B-2019338446
 (21) 2019338446 (22) 12.09.2019
 (54) Method and apparatus for facilitating training of agents
 (51) Int. Cl.
G06Q 50/10 (2012.01)
H04M 3/51 (2006.01)
 (87) WO2020/056121
 (31) 16/567,104 (32) 11.09.19 (33) US
 62/730,396 12.09.18 US
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C21D 8/06 (2006.01)
C21D 9/52 (2006.01)
C22C 38/02 (2006.01)
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A61K 47/56 (2017.01)
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A61K 49/12 (2006.01)
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C07D 211/22 (2006.01)
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F16B 21/20 (2006.01)
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 F16L 1/00 (2006.01)
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 F16L 3/00 (2006.01)
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F16B 2/06 (2006.01)

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C07C 233/60 (2006.01)

C07D 205/04 (2006.01)

C07D 207/08 (2006.01)

C07D 209/44 (2006.01)

C07D 213/40 (2006.01)

C07D 213/64 (2006.01)

C07D 213/75 (2006.01)

C07D 235/14 (2006.01)

C07D 241/08 (2006.01)

C07D 263/32 (2006.01)

C07D 295/185 (2006.01)

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H04W 4/80 (2018.01)

G06F 9/54 (2006.01)

G06Q 20/32 (2012.01)

G06Q 20/38 (2012.01)

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G07F 7/08 (2006.01)

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H04N 5/262 (2006.01)
G06T 7/80 (2017.01)
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A61K 8/21 (2006.01)
A61K 8/24 (2006.01)
A61K 8/27 (2006.01)
A61K 8/365 (2006.01)
A61K 8/73 (2006.01)
A61Q 11/00 (2006.01)
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A61P 37/02 (2006.01)
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B29C 64/321 (2017.01)
B29B 15/14 (2006.01)
B29C 48/37 (2019.01)
B29C 64/118 (2017.01)
B33Y 30/00 (2015.01)
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 C11D 1/62 (2006.01)
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 C11D 3/06 (2006.01)
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 C11D 3/48 (2006.01)
 C11D 1/66 (2006.01)
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 A45D 33/32 (2006.01)
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A61B 1/12 (2006.01)
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A61B 8/12 (2006.01)
A61B 10/04 (2006.01)
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A61P 35/04 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/68 (2006.01)
G01N 33/53 (2006.01)
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G06V 10/764 (2022.01)
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C12P 7/42 (2006.01)
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C25B 9/73 (2021.01)
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H01M 8/126 (2016.01)
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F41G 1/473 (2006.01)
F41G 3/08 (2006.01)
G01C 3/02 (2006.01)
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C07D 491/147 (2006.01)

A61K 31/4155 (2006.01)

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(51) Int. Cl.

C07D 491/147 (2006.01)

A61K 31/4155 (2006.01)

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H04R 3/04 (2006.01)

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G01M 17/10 (2006.01)

B61F 5/38 (2006.01)

B61K 9/12 (2006.01)

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G01B 11/275 (2006.01)

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B60B 7/06 (2006.01)

B60B 7/14 (2006.01)

B60B 7/20 (2006.01)

F16C 33/72 (2006.01)

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B01J 23/40 (2006.01)

B01J 23/42 (2006.01)

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B01J 35/06 (2006.01)

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B33Y 70/00 (2020.01)

C22C 1/04 (2006.01)

C22C 5/04 (2006.01)

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H02H 7/00 (2006.01)

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C12N 9/12 (2006.01)

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A61P 35/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
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F21L 4/04 (2006.01)
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B65D 81/38 (2006.01)
F24C 7/06 (2006.01)

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F02B 37/00 (2006.01)
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F02B 37/12 (2006.01)
F02B 37/24 (2006.01)
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B32B 27/32 (2006.01)

B32B 27/34 (2006.01)

E02B 3/16 (2006.01)

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 H01M 10/30 (2006.01)
 H01M 10/44 (2006.01)
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C02F 1/52 (2006.01)
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F16D 65/12 (2006.01)
B61H 5/00 (2006.01)
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A61F 2/42 (2006.01)
A61B 17/56 (2006.01)
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A47J 41/00 (2006.01)
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E04F 13/08 (2006.01)
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A61K 31/714 (2006.01)
A61K 31/14 (2006.01)
A61K 31/197 (2006.01)
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A61K 31/4188 (2006.01)
A61K 31/4415 (2006.01)
A61K 31/455 (2006.01)
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ZHEJIANG JINKO SOLAR CO., LTD. see SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.
 (21) 2021235314

(71) Zhejiang Shaoxing Supor Domestic Electrical Appliance Co., Ltd.
 (11) AU-B-2020415832
 (21) 2020415832 (22) 20.04.2020
 (54) A cooking appliance
 (51) Int. Cl.
A47J 27/08 (2006.01)
A47J 37/06 (2006.01)
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Electrical Appliance Co., Ltd.
(11) AU-B-2020417363
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A47J 27/08 (2006.01)
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(71) Zhongwei (Shanghai) Energy Techno-
logy Co. Ltd
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(54) Nozzle and injection device for use
in underground coal gasification pro-
cess and method for operating injection
device
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E21B 43/295 (2006.01)
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Hendrik; Wang, Yuanli
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E04H 4/16 (2006.01)
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(72) BORG, Dustin; EWING, Fletcher; VAN
DER MEIJDEN, Hendrikus Johannes;
MOORE, Michael Edward
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2016222408	Alvern Media GmbH	2017346682	YETI Coolers, LLC
2016223384	Jeute, P.	2017346935	LegioGuard Pty Ltd
2016311265	Trustees of Boston University	2017348440	General Electric Company
2016313437	Ryan, R.	2017350739	GPB Scientific, Inc.; The Trustees of Princeton University; University of Maryland, Baltimore
2016325073	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)	2017350874	Carl Zeiss Meditec Cataract Technology Inc.
2016362282	Duke University	2017350903	ForSight VISION6, Inc.
2016362317	Spark Therapeutics, Inc.	2017353942	Highlife SAS
2016407023	Turbo Screen International Limited	2017354934	The Yield Technology Solutions Pty Ltd
2017202425	Kuipers, M.	2017356021	Umezaki, T.; Koken Co., Ltd.
2017204411	The Boeing Company	2017358895	PepsiCo, Inc.
2017204683	Syncerus S.à r.l.	2017361917	Nordic Biotech Group Oy
2017206255	Caterpillar Inc.	2017362555	Electrolux Appliances Aktiebolag
2017206785	Regeneron Pharmaceuticals, Inc.	2017364583	Zensun (Shanghai) Science & Technology, Co. Ltd.
2017218995	Caterpillar Inc.	2017369869	Invineo S.A.
2017225013	TNA Australia Pty Limited	2017375496	The Brigham and Women's Hospital, Inc.
2017225758	Idexx Laboratories, Inc.	2017379416	C I Corporation Pty Ltd
2017226955	MorphoSys AG	2017379548	Equinor Energy AS
2017227790	University of Pittsburgh - Of the Commonwealth System of Higher Education	2017380457	Technische Universiteit Delft
2017228930	Enrgistream Pty Ltd	2017380938	Electrolux Appliances Aktiebolag
2017240761	Colorado State University Research Foundation; The Regents of the University of Colorado, a body corporate	2017381051	Babyliss Faco Sprl
2017243193	U.S. Government as Represented by the Secretary of the Army	2017382049	Samsung Electronics Co., Ltd.
2017248187	Syros Pharmaceuticals, Inc.	2017388869	Joy Global Underground Mining LLC
2017254268	Kyoto University; Sumitomo Pharma Co., Ltd.	2017389266	Shubbar, A.; Shubbar, M.
2017256502	Agro Holding GmbH	2017391186	Machado, P.
2017264871	Eisai R&D Management Co., Ltd.	2017392170	Zhongwei (Shanghai) Energy Technology Co. Ltd
2017266320	Sonikure Holdings Limited	2017401562	Halliburton Energy Services, Inc.
2017267665	Voyager Therapeutics, Inc.	2017416050	ANT Applied New Technologies AG
2017270219	TSI Group Co., Ltd.	2017426443	Perimeter Solutions LP
2017270336	FMC Technologies	2017426743	NTT DOCOMO, INC.
2017271262	C.M.C. S.p.A.	2017439398	NTT DOCOMO, INC.
2017272224	Rohm and Haas Company	2018200197	Agit Global IP Holdings, LLC
2017274038	The Chinese University of Hong Kong	2018203496	Chevron U.S.A. Inc.
2017274069	Embryogenesis Pty Ltd	2018205685	Cormedix Inc.
2017276186	Caterpillar Inc.	2018207289	Integrity Implants Inc.
2017276810	Commonwealth Scientific and Industrial Research Organisation; The Crown in right of the State of New South Wales acting through the Department of Primary Industries as an Office of the Department of Industry	2018208460	Route 92 Medical, Inc.
2017277478	Support-Venture GmbH	2018209762	Suez International
2017279770	Caterpillar Inc.	2018212570	Magic Leap, Inc.
2017281743	Universite de Versailles-St Quentin en Yvelines; Assistance Publique - Hopitaux de Paris	2018214548	Victaulic Company
2017285006	Haldor Topsøe A/S	2018218225	Medos International Sàrl
2017285726	Entos Pharmaceuticals Inc.	2018218665	Eliezer Krausz Industrial Development Ltd.
2017298020	Petróleo Brasileiro S.A. - Petrobras; Universidade Federal do Rio de Janeiro - UFRJ	2018220072	IXUP IP Pty Ltd
2017305064	National University Corporation Nagoya University; Life Science Institute, Inc.; Tohoku University	2018220147	Aurora Flight Sciences Corporation
2017312142	Joy Global Underground Mining LLC	2018220865	Smith & Nephew Asia Pacific Pte. Limited
2017312811	Hikma Pharmaceuticals USA Inc.	2018220969	Diversey Inc.
2017315252	Biolumic Limited	2018221428	Aristotle University Of Thessaloniki-Research Committee, E.I.k.e.; Amo GmbH Gesellschaft Für Angewandte Mikro- Und Optoelektronik Mit Beschränkter Haftung)
2017319390	Technip France	2018222638	DSM IP Assets B.V.
2017320333	Justoy Pty Limited	2018223261	Oy ICS Intelligent Control Systems Ltd
2017323629	2seventy bio, Inc.	2018226589	MAF Agrobotic
2017326519	CyDex Pharmaceuticals, Inc.	2018231030	The Trustees of Dartmouth College
2017326989	Abiomed, Inc.; Massachusetts Institute of Technology	2018231136	Hitachi Energy Switzerland AG
2017327812	Edgewell Personal Care Brands, LLC	2018233020	Nearmap US, Inc.
2017327892	BAE Systems plc	2018235143	Fresenius Medical Care Deutschland GmbH
2017329112	ResMed Pty Ltd	2018239421	Abiomed, Inc.; Icahn School of Medicine at Mount Sinai
2017331074	Frank's International, LLC	2018240124	World Class Technology Corporation
2017340027	Knight, G.	2018241269	Creo Medical Limited
2017341012	Sumitomo Metal Mining Co., Ltd.	2018243565	Magic Leap, Inc.
2017341782	ICU Medical, Inc.	2018247588	Neuraura Biotech Inc.
2017346376	ConocoPhillips Company	2018247873	Karl Leibinger Medizintechnik GmbH & Co. KG
		2018251133	ABB Schweiz AG
		2018251302	Galbiati, C.
		2018256744	BLUE PHOENIX GROUP B.V.
		2018260837	Rauland-Borg Corporation
		2018263385	Kapsul Tech Corp.
		2018267697	Nuheara IP Pty Ltd
		2018269657	Icomera AB

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2018278327	CytomX Therapeutics, Inc.	2019359416	Hegenscheidt-MFD GmbH
2018278685	Norsk Hydro ASA	2019359490	Huawei Technologies Co., Ltd.
2018283383	The Regents of the University of California	2019377864	Corcept Therapeutics Incorporated
2018291865	Qualcomm Incorporated	2019382882	AkvaFresh AS; Marine Harvest ASA
2018293682	Medizinische Universität Graz	2019383419	Saint-Gobain Abrasives, Inc.; Saint-Gobain Abrasifs
2018311120	Bitdefender IPR Management Ltd	2019386979	The Procter & Gamble Company
2018312110	BioVentures, LLC	2019387658	Nippon Telegraph and Telephone Corporation
2018317865	Cothera Bioscience, Inc.	2019387843	Taiho Pharmaceutical Co., Ltd.
2018319422	Sonitor Technologies AS	2019394248	Huawei Technologies Co., Ltd.
2018319549	The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Alcala de Henares	2019395778	Mondi AG
2018321845	Microbiotix, Inc.; The Penn State Research Foundation	2019396425	Algorand, Inc.
2018329224	Absolute Software Corporation	2019401424	Techtronic Floor Care Technology Limited
2018332212	Sintetica S.A.	2019403560	W. L. Gore & Associates, Inc.
2018334452	Qualcomm Incorporated	2019418411	Orthofix US LLC
2018335841	Carrick Therapeutics Limited; Cancer Research Technology Limited; IP2IPO Innovations Limited	2019419383	General Electric Company
2018341561	Star Mesh LLC	2019420613	Metso Outotec Finland Oy
2018347385	Magnetic Variation Services, LLC	2019426487	Kabushiki Kaisha Toyota Jidoshokki
2018347472	Auris Health, Inc.	2019428714	Hewlett-Packard Development Company, L.P.
2018347783	Imperial College Innovations Limited	2019431527	Schneider Electric Industries SAS
2018353978	Landis+Gyr Innovations, Inc.	2019431920	Taiyuan University of Technology
2018353988	SMP Logic Systems LLC	2019433194	Google LLC
2018358160	Calico Life Sciences LLC; AbbVie Inc.	2019434289	Submer Technologies, S.L.
2018369820	Comau S.p.A.	2019447456	Mitsubishi Electric Corporation
2018376334	Sika Technology AG	2019448167	Colgate-Palmolive Company
2018383333	DePuy Synthes Products, Inc.	2019468312	Nanjing Tech University
2018386035	Pelvital USA, Inc.	2020200761	Pride Mobility Products Corporation
2018387188	Risen (Suzhou) Pharma Tech Co., Ltd.	2020202827	Idera Pharmaceuticals, Inc.
2018390261	Osaka University; Nippon Zoki Pharmaceutical Co., Ltd.	2020203143	Cytomx Therapeutics, Inc
2018390960	Koninklijke Nederlandse Akademie van Wetenschappen; Stichting Hubrecht Organoid Technology	2020205488	Oro Agri Inc.
2018390986	Tritium Pty Ltd	2020206014	Oro Agri Inc.
2018392478	Avery Dennison Corporation	2020210549	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
2018392741	Philogen S.p.A	2020214502	Huawei Technologies Co., Ltd.
2018398970	Paptic Oy	2020216212	Kabushiki Kaisha Toyota Jidoshokki
2018399580	Zodiac Pool Systems LLC	2020216422	General Electric Company
2018444155	Integra LifeSciences Corporation	2020216956	Capital One Services, LLC
2018453854	Bio-ReCell Ltd.	2020218784	PPG Industries Ohio, Inc.
2019201636	Tecomec S.r.l.	2020222348	Novartis AG
2019202338	ARONOFF, E.	2020224973	LG Electronics Inc.
2019210092	Furrer + Frey AG	2020226871	Water Pik, Inc.
2019213664	Panbela Therapeutics, Inc.	2020227591	HLB Science Inc.
2019214048	Japan Tobacco Inc.	2020228821	FUJIFILM Business Innovation Corp.
2019216980	Qualcomm Incorporated	2020229338	Barrco, Inc.
2019217292	Shanghai Pharmaceuticals Holding Co., Ltd.	2020229706	LivePerson, Inc.
2019231227	Targus International LLC	2020229835	RFPC Holding Corp.
2019236027	Archer Oiltools AS	2020231045	AstraZeneca AB
2019239699	Electricity North West Property Limited	2020233293	Tencent America LLC
2019241546	Morinaga Milk Industry Co., Ltd.	2020233573	Boston Scientific Neuromodulation Corporation
2019241956	New Pig Corporation	2020233947	International Business Machines Corporation
2019248023	Efficiency Matrix Pty Ltd	2020237477	Biocompatibles UK Limited; The Johns Hopkins University
2019269861	PRIHODA, H.	2020237583	International Business Machines Corporation
2019272884	Tau Motors, Inc.	2020241044	Baker Hughes Oilfield Operations LLC
2019289010	Hollister Incorporated	2020241849	Lantech.com, LLC
2019297645	Yuhan Corporation	2020245115	SYSTRA FRANCE
2019299800	LG Electronics Inc.	2020245315	Lexmark International, Inc.
2019306582	Arcus Biosciences, Inc.	2020245373	S&C Electric Company
2019309693	Celgene Quanticel Research, Inc.	2020245555	LivePerson, Inc.
2019310032	Deep Science, LLC	2020247076	Easee AS
2019312591	SharkNinja Operating LLC	2020247109	Assa Abloy AB
2019319833	Tau Motors, Inc.	2020250427	Shandong University
2019322205	AstraZeneca AB	2020251202	Kraft Foods Schweiz Holding GmbH
2019337169	The Yokohama Rubber Co., Ltd.	2020257114	Genzyme Corporation
2019337936	The Yokohama Rubber Co., Ltd.	2020262100	Elanco US Inc.
2019338446	[24]7 .AI, INC.	2020262159	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2019341000	Institute for Basic Science; Unist(Ulsan National Institute of Science and Technology)	2020262300	Netflix, Inc.
2019350570	Mustang Sampling LLC	2020266549	Kliiklok LLC
2019351162	Nokia Technologies Oy	2020268883	Colgate-Palmolive Company
2019355197	Nokia Technologies Oy	2020270417	ServiceNow, Inc.
		2020278764	LaserMotive, Inc.
		2020279225	Hendrickson USA, L.L.C.

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2020279921	Thomson Reuters Enterprise Centre GmbH	2021204345	Perfecrete Pty Ltd
2020284174	ABB Schweiz AG; Hitachi Energy Switzerland AG	2021204482	Genomatica, Inc.
2020285534	Baker Hughes Oilfield Operations LLC	2021204500	LG Electronics Inc.
2020285790	Asahi Kasei Kabushiki Kaisha	2021204539	Edwards Lifesciences Corporation
2020287207	Memjet Technology Limited	2021204600	Mandometer AB
2020289551	Ideal Industries Lighting LLC	2021204752	Nicoventures Trading Limited
2020290387	Tencent America LLC	2021204761	InterDigital Patent Holdings, Inc.
2020290469	Netflix, Inc.	2021205075	Indian Oil Corporation Limited
2020291393	Expedia, Inc.	2021206892	Lazurite Holdings LLC
2020291822	Attabotics Inc.	2021209258	Buffalo Filter LLC
2020292453	The Procter & Gamble Company	2021209277	Centripetal Networks, Inc.
2020294275	Auris Health, Inc.	2021209354	Apple Inc.
2020294284	SharkNinja Operating LLC	2021211981	NAVICO HOLDING AS
2020294295	China University of Mining and Technology	2021212020	Precision Planting LLC
2020294839	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2021215114	MATATAKITOYO TOOL CO., LTD.
2020298056	Lucid Software, Inc.	2021215248	Biocompatibles UK Limited
2020302889	Ecolab USA Inc.	2021215268	Arysta LifeScience Benelux SPRL
2020304373	Colgate-Palmolive Company	2021218029	ENDOSOUND, INC
2020311286	ConMed Corporation	2021218067	Minnetronix, Inc.
2020326625	Tesla, Inc.	2021218173	OpenTV, Inc.
2020330608	PPG Industries Ohio, Inc.	2021218222	SYNERZ MEDICAL, INC.
2020332356	Victaulic Company	2021221570	Mounting Systems GmbH
2020342286	American Sterilizer Company	2021222844	Alink Co., Ltd.
2020343666	PayPal, Inc.	2021225141	Magenta Medical Ltd.
2020349932	Daikin Industries, Ltd.	2021232704	3M Innovative Properties Company
2020349994	Shenzhen Shokz Co., Ltd.	2021232814	CREO MEDICAL LIMITED
2020356248	Assa Abloy AB	2021232830	Canva Pty Ltd
2020356392	Tencent America LLC	2021235314	SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
2020372554	Heraeus Deutschland GmbH & Co. KG	2021236449	Angel Group Co., Ltd.
2020373621	JX Nippon Mining & Metals Corporation	2021244221	Intermetro Industries Corporation
2020376686	LG Electronics Inc.	2021245203	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2020380139	Tableau Software, Inc.	2021252497	Tencent America LLC
2020383196	Hearezan AB	2021257929	Qualcomm Incorporated
2020395075	Boston Scientific Scimed, Inc.	2021257989	CP Manufacturing, Inc.
2020414358	Capital One Services, LLC	2021260899	Savroc Ltd
2020415832	Zhejiang Shaoxing Supor Domestic Electrical Appliance Co., Ltd.	2021261936	Doka GmbH
2020416878	Tencent Technology (Shenzhen) Company Limited	2021266194	AMERICORP INVESTMENTS LLC
2020417363	Zhejiang Shaoxing Supor Domestic Electrical Appliance Co., Ltd.	2021266260	Ecolab USA Inc.
2020417728	Paige.AI, Inc.	2021266284	Commonwealth Scientific and Industrial Research Organisation
2020418848	Tencent America LLC	2021266294	Apple Inc.
2020420655	Tencent America LLC	2021273576	Equifax Inc.
2020425991	New York Air Brake, LLC	2021273634	Almex Technologies Inc.
2020427543	Joyeux Lab Company Limited	2021273635	Almex Technologies Inc.
2020429371	Enterobiome Inc.	2021273661	State Grid Liaoning Electric Power Research Institute; China Electric Power Research Institute Co., Ltd.; State Grid Corporation of China; State Grid Jiangsu Electric Power Co., Ltd. Research Institute
2020432845	South China University of Technology	2021277096	Nthalmic Holding Pty Ltd
2020438625	Tencent America LLC	2021277692	TerraPower, LLC
2020443548	Ferrer Medical Innovations, LLC	2021277718	Apple Inc.
2021200016	Hamilton, D.M.	2021286398	CAN Technologies, Inc.
2021200365	Impossible Foods Inc.	2021290219	Depuy Synthes Products, Inc.
2021201041	LG Electronics Inc.	2021290345	Magic Leap, Inc.
2021201090	LG ELECTRONICS INC.	2021297802	Netflix, Inc.
2021201433	SanBio, Inc.	2021302337	Dräger Safety AG & Co. KGaA
2021202091	Yoshino Gypsum Co., Ltd.	2021312860	ELC Management LLC
2021202281	PTT Global Chemical Public Company Limited	2021321455	Fraser, G.
2021202436	Sony Corporation	2021321661	Daikin Industries, Ltd.
2021202622	KURIN, INC.	2021351793	Beijing Jinwofu Bioengineering Technology Co., Ltd
2021202655	ConMed Corporation	2021359802	Dipperfox OÜ
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2021203129	Boehringer Ingelheim Animal Health USA Inc.	2021388872	RMW CHO Group Limited
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2021203160	Nicoventures Trading Limited	2022201058	Hangzhou Highlightll Pharmaceutical Co., Ltd.
2021203339	Blossom Innovations, LLC; The General Hospital Corporation	2022201061	Hangzhou Highlightll Pharmaceutical Co., Ltd.
2021203341	Fisher & Paykel Healthcare Limited	2022201338	The NOCO Company
2021203541	Westinghouse Air Brake Technologies Corporation	2022201365	Wright Medical Technology, Inc.
2021203546	Fisher & Paykel Healthcare Limited	2022201736	Lanova Medicines Development Co., Ltd.
2021203786	Vertex Pharmaceuticals (Europe) Limited	2022201844	Well Equipment Solutions Holdings Pty Ltd
2021204023	President and Fellows of Harvard College		
2021204328	Snap-on Incorporated		

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2022202187 Carl Zeiss AG
2022202476 Oxford Safety Components Limited
2022203284 LivePerson, Inc.; Ron, O.; Vanounou, E.; Konky, G.;
Amir, S.
2022204006 Vivo Mobile Communication Co., Ltd.
2022206715 Samsung Electronics Co., Ltd.
2022211792 BISSELL Inc.
2022211806 Anduril Industries, Inc.
2022218624 Building Group Pty Ltd
2022223050 Rolapal Limited
2022231700 Fisher & Paykel Healthcare Limited
2022235616 Angel Group Co., Ltd.
2022246439 SNIPR Technologies Limited
2022259853 J & S Joyce Pty Ltd
2022271455 UON Pty Ltd
2023200006 Jet Tech Products Pty Ltd
2023200150 Samsung Electronics Co., Ltd.

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<u>A01B 63 /-</u>	<u>A01P 3 /-</u>	2017362555	<u>A61B 10 /-</u>	<u>A61C 19 /-</u>	2017326519
2021212020	2020205488	<u>A47C 1 /-</u>	2021218029	2020292453	2017364583
<u>A01C 1 /-</u>	<u>A01P 7 /-</u>	2022223050	<u>A61B 17 /-</u>	<u>A61C 3 /-</u>	2018283383
2017315252	2020205488	<u>A47C 23 /-</u>	2017350874	2018231030	2018319549
<u>A01G 23 /-</u>	<u>A23B 7 /-</u>	2017256502	2018218225	<u>A61C 7 /-</u>	2018332212
2021359802	2021215268	<u>A47C 27 /-</u>	2018231030	2018240124	2018347783
<u>A01G 25 /-</u>	<u>A23G 1 /-</u>	2017256502	2018383333	<u>A61F 13 /-</u>	2018358160
2017354934	2020251202	<u>A47C 7 /-</u>	2019418411	2021232704	2018387188
<u>A01G 7 /-</u>	<u>A23G 3 /-</u>	2022223050	2020294275	<u>A61F 2 /-</u>	2018390261
2017315252	2020251202	<u>A47J 27 /-</u>	2020395075	2017350903	2019214048
<u>A01K 11 /-</u>	<u>A23J 1 /-</u>	2020415832	2021202655	2017353942	2019387843
2017276810	2021200365	2020417363	2021218029	2018207289	2020222348
<u>A01K 29 /-</u>	<u>A23K 10 /-</u>	<u>A47J 36 /-</u>	2021225141	2021204539	2020231045
2017276810	2021286398	2020417363	2021232704	2022201365	2020262100
<u>A01K 61 /-</u>	<u>A23K 40 /-</u>	2021244221	2021290219	<u>A61F 5 /-</u>	2020443548
2019382882	2021286398	<u>A47J 37 /-</u>	2022201365	2018263385	2021203129
<u>A01K 67 /-</u>	<u>A23L 33 /-</u>	2020415832	<u>A61B 18 /-</u>	2020311286	2021203786
2017206785	2019241546	<u>A47J 39 /-</u>	2017350874	2021218222	2021388872
<u>A01N 25 /-</u>	<u>A24D 1 /-</u>	2021244221	2017391186	<u>A61F 7 /-</u>	2022201058
2018220969	2021203160	<u>A47J 41 /-</u>	2018241269	2021277096	2022201061
2020205488	2021204752	2017346682	2021203339	<u>A61K 33 /-</u>	2022246439
2020206014	<u>A24F 47 /-</u>	<u>A47J 47 /-</u>	2021206892	2017248187	
<u>A01N 27 /-</u>	2021203160	2021244221	2021209258	<u>A61K 35 /-</u>	
2021215268	<u>A41D 13 /-</u>	<u>A47K 10 /-</u>	2021232814		
<u>A01N 31 /-</u>	2018263385	2017204411	2021277096	<u>A61F 9 /-</u>	
2018220969	<u>A45D 1 /-</u>	<u>A47L 11 /-</u>	2021277096	2017266320	
<u>A01N 37 /-</u>	2017381051	2019401424	2021302337	2017350874	
2017361917	<u>A45D 33 /-</u>	<u>A47L 15 /-</u>	<u>A61B 34 /-</u>	2017350903	
2018220969	2021312860	2020224973	2018347472	2021277096	
2020205488	<u>A45D 40 /-</u>	2021203145	<u>A61B 5 /-</u>	<u>A61G 5 /-</u>	
<u>A01N 59 /-</u>	2021312860	<u>A47L 5 /-</u>	2017326989	2020200761	
2018220969	2021312860	2020294284	2017348440	2022223050	
<u>A01N 63 /-</u>	<u>A47B 25 /-</u>	<u>A47L 9 /-</u>	2018231030	<u>A61H 19 /-</u>	
2021201433	2021236449	2019312591	2018267697	2018386035	
<u>A01N 65 /-</u>	2022235616	2019401424	2019403560	<u>A61H 21 /-</u>	
2017361917	<u>A47B 77 /-</u>	2020294284	2021202622	2018386035	
2021215268	2017362555	2022211792	2021225141	<u>A61K 38 /-</u>	
<u>A01P 1 /-</u>	<u>A47B 97 /-</u>	<u>A61B 1 /-</u>	2021277096	2016325073	
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		2021206892	2021203339	2017323629	
		2021218029	<u>A61B 8 /-</u>	2018312110	
			2021218029	2020227591	
			<u>A61B 90 /-</u>	<u>A61K 39 /-</u>	
			2018347472	2016325073	
			2018444155	2017240761	
			2020395075	2017285726	
			<u>A61C 1 /-</u>	2020203143	
			2018231030	<u>A61K 45 /-</u>	
			<u>A61C 17 /-</u>	2017248187	
			2020226871	2017277478	
				2019341000	
				2019387843	
				<u>A61K 47 /-</u>	
				2017285726	
				2017312811	
				2017326519	
				2018332212	
				2019322205	
				2019377864	
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				2020231045	
				2020262100	
				2020443548	
				2021203129	
				2021203786	
				2021388872	
				2022201058	
				2022201061	
				2022246439	

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<u>A61K 48 /-</u>	2020395075 2020427543	<u>A61P 31 /-</u>		2020372554	<u>B23D 79 /-</u>
2016362317 2019341000 2020202827	<u>A61M 27 /-</u>	2018312110 2020227591	<u>A62D 1 /-</u>	<u>B01L 3 /-</u>	2017202425
<u>A61K 49 /-</u>	2019289010 2021232704	<u>A61P 33 /-</u>	2017426443 2018209762	2018293682	<u>B24B 49 /-</u>
2016311265 2019322205 2021215248	<u>A61M 37 /-</u>	2021203129	<u>A63B 23 /-</u>	<u>B02C 13 /-</u>	2019383419
<u>A61K 51 /-</u>	2016311265 2017266320	<u>A61P 35 /-</u>	2018386035	2018256744	<u>B24B 51 /-</u>
2020237477	<u>A61M 39 /-</u>	2017227790 2017248187 2017277478 2017285726 2017350739 2018278327 2018358160 2018392741 2019322205 2019341000 2019377864 2019387843 2020203143 2020231045 2020237477 2021388872 2022201736 2022246439	<u>A63B 24 /-</u>	<u>B02C 15 /-</u>	2019383419
<u>A61K 8 /-</u>	2017329112 2020427543 2021203546	<u>A61M 5 /-</u>	2021266294	2019269861	<u>B25B 13 /-</u>
2017274069 2017426443 2019448167 2020304373	<u>A61M 60 /-</u>	<u>A61N 1 /-</u>	<u>A63B 71 /-</u>	<u>B03B 9 /-</u>	2021215114
<u>A61K 9 /-</u>	2017326989 2021225141	2020395075	2018263385	2016407023	<u>B25B 15 /-</u>
2017227790 2017240761 2017270219 2017274069 2017312811 2017326519 2018222638 2018332212 2018387188 2018390261 2019377864 2019386979 2020222348	<u>A61M 5 /-</u>	<u>A61N 5 /-</u>	<u>A63C 5 /-</u>	<u>B03D 1 /-</u>	2021215114
<u>A61L 2 /-</u>	2017329112 2021203339	<u>A61N 1 /-</u>	2018200197	2020294295	<u>B25B 23 /-</u>
2020342286	<u>A61P 1 /-</u>	2020233573	<u>A63F 13 /-</u>	<u>B04C 11 /-</u>	2021215114
<u>A61L 29 /-</u>	2017364583	<u>A61N 5 /-</u>	2020416878	2019420613	<u>B25D 1 /-</u>
2018205685	<u>A61P 11 /-</u>	2017240761 2022246439	<u>B01D 21 /-</u>	<u>B04C 5 /-</u>	2021204328
<u>A61M 1 /-</u>	2017305064 2021203786	<u>A61P 43 /-</u>	2018293682	2019420613	<u>B25G 1 /-</u>
2018220865 2018235143 2021218067 2021225141 2021232704	<u>A61P 17 /-</u>	2017264871 2019214048 2019387843	<u>B01D 29 /-</u>	<u>B07B 1 /-</u>	2021215114
<u>A61M 15 /-</u>	20172227790 2020262100	<u>A61P 7 /-</u>	2019241956	2016407023 2021257989	<u>B25G 3 /-</u>
2021203160	<u>A61P 19 /-</u>	2018390261	<u>B01D 3 /-</u>	<u>B07B 13 /-</u>	2021215114
<u>A61M 16 /-</u>	2018387188	<u>A61P 9 /-</u>	2018251302	2016407023 2018256744	<u>B25H 3 /-</u>
2017329112 2017356021 2020427543 2021203341 2021203546 2022231700	<u>A61P 25 /-</u>	2018347783 2018390261 2019214048	<u>B01D 37 /-</u>	<u>B08B 3 /-</u>	2020291822
<u>A61M 25 /-</u>	2017254268 2017264871 2017326519 2018390261 2019241546	<u>A61Q 11 /-</u>	2021218067	<u>B08B 9 /-</u>	2021203145
2017341782 2018208460 2019289010	<u>A61P 27 /-</u>	2019448167 2020304373	<u>B01D 39 /-</u>	2023200006	<u>B25J 15 /-</u>
	2020222348	<u>A62B 18 /-</u>	2018453854 2019395778	<u>B08B 9 /-</u>	<u>B25J 5 /-</u>
	<u>A61P 29 /-</u>	2017329112	<u>B01D 61 /-</u>	2023200006	2020291822
	2017326519	<u>A62B 7 /-</u>	2017298020 2018235143 2021218067	<u>B21C 51 /-</u>	<u>B26B 21 /-</u>
	<u>A61P 3 /-</u>	2021302337	<u>B01D 63 /-</u>	2017256502	2017327812
	2019214048	<u>A62B 9 /-</u>	2017298020 2018235143	<u>B21D 17 /-</u>	<u>B27F 5 /-</u>
	<u>A62C 27 /-</u>	2017329112	<u>B01D 69 /-</u>	2020332356	2021321455
	2018209762	<u>A62C 31 /-</u>	2018235143	<u>B21F 35 /-</u>	<u>B29B 15 /-</u>
	2018209762		<u>B01D 71 /-</u>	2017256502	2021266284
			2018235143	<u>B22D 11 /-</u>	<u>B29C 48 /-</u>
			<u>B01J 19 /-</u>	2018278685	2019202338 2021266284
			2017375496	<u>B22F 1 /-</u>	<u>B29C 63 /-</u>
			<u>B01J 23 /-</u>	2020372554	2017319390
			2020372554	<u>B22F 3 /-</u>	<u>B29C 64 /-</u>
			<u>B01J 35 /-</u>	2020372554	2021266284
				<u>B23D 63 /-</u>	<u>B31B 50 /-</u>
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B32B 13 /-	2017206255	2019310032	B65D 81 /-	2019297645	2019213664
2018376334	B60K 6 /-	B63B 1 /-	2021244221	C07C 311 /-	C07D 405 /-
B32B 25 /-	2017206255	2019310032	B65D 85 /-	2018319549	2018358160
2018376334	B60L 53 /-	B63B 32 /-	2019395778	C07C 45 /-	C07D 407 /-
2018398970	2020247076	2018200197	B65G 1 /-	2021204482	2018358160
B32B 27 /-	B60M 1 /-	B63C 9 /-	2020291822	C07D 205 /-	C07D 413 /-
2018376334	2019210092	2021273634	B65G 47 /-	2018358160	2018358160
2020268883	B60N 2 /-	2021273635	2017225013	C07D 207 /-	C07D 453 /-
B32B 29 /-	2017256502	B63H 21 /-	B65H 26 /-	2018358160	2021203129
2018398970	B60P 1 /-	2021211981	2020241849	C07D 209 /-	C07D 471 /-
B32B 5 /-	2018369820	B63H 23 /-	B65H 5 /-	2018358160	2018358160
2018398970	B60R 3 /-	2021211981	2020228821	C07D 211 /-	C07D 487 /-
2020268883	2017320333	B64C 1 /-	B66F 3 /-	2019322205	2018283383
B33Y 10 /-	B60S 3 /-	2017327892	2017388869	C07D 213 /-	2018317865
2020372554	2023200006	B64C 21 /-	B67C 3 /-	2018358160	2018335841
B33Y 30 /-	B60S 9 /-	2019310032	2017358895	C07D 215 /-	2018358160
2021266284	2017388869	B64C 23 /-	B67D 1 /-	2021203786	2018390261
B33Y 70 /-	B60T 17 /-	2019310032	2017369869	C07D 217 /-	2019214048
2020372554	2020425991	B64C 3 /-	B67D 7 /-	2019309693	2020231045
B41J 2 /-	B60W 10 /-	2022211806	2016222408	C07D 235 /-	2020262100
2016223384	2017206255	B64C 39 /-	B67D 9 /-	2018358160	2021388872
2019428714	B60W 20 /-	2018220147	2017270336	C07D 239 /-	C07D 491 /-
2020287207	2017206255	B64D 1 /-	B82Y 5 /-	2019213664	2018317865
B42D 25 /-	B60W 30 /-	2018209762	2019322205	C07D 241 /-	2022201058
2020245315	2017206255	B64D 13 /-	C02F 1 /-	2018358160	2022201061
B44D 3 /-	B61D 17 /-	2021302337	2017228930	C07D 261 /-	C07D 498 /-
2019202338	2019310032	B65B 35 /-	2017298020	2021203129	2019214048
B60B 27 /-	2017225013	2017225013	2017346935	C07D 263 /-	2020231045
2020279225	B61F 5 /-	B65B 37 /-	2022201844	2018358160	C07D 519 /-
B60B 7 /-	2019359416	2017225013	C02F 103 /-	2018358160	2019214048
2020279225	B61H 1 /-	B65B 5 /-	2017298020	C07D 271 /-	2020231045
B60C 11 /-	2020229835	2017271262	2022201844	2018321845	C07H 13 /-
2019337169	B61H 5 /-	B65B 9 /-	2021203786	C07D 295 /-	2018387188
2019337936	2021203541	2017225013	C07B 59 /-	2018358160	C07H 15 /-
B60C 13 /-	B61K 9 /-	2017225013	2017426443	C07D 309 /-	2018283383
2019337169	2019359416	B65D 25 /-	2018358160	2018358160	2018387188
2019337936	B61L 5 /-	2021244221	C07C 233 /-	C07D 401 /-	C07H 21 /-
B60C 5 /-	2019431920	B65D 77 /-	2019297645	2018358160	2020202827
2019337936				2019306582	C07H 9 /-

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2017323629		2021202908	<u>C40B 30 /-</u>	2017279770	
2017350739	<u>C10M 169 /-</u>	<u>C21D 8 /-</u>	2017226955	<u>E03B 7 /-</u>	<u>E06C 1 /-</u>
2018312110	2021205075	2017256502		2017340027	2017320333
<u>C07K 16 /-</u>	<u>C11D 1 /-</u>	<u>C21D 9 /-</u>	<u>C40B 40 /-</u>		
2016311265	2020302889	2017256502	2017226955	<u>E03C 1 /-</u>	<u>E06C 5 /-</u>
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2017206785		<u>C22B 11 /-</u>	2022218624	2022218624	
2017225758	<u>C11D 3 /-</u>	2020373621		<u>E03F 5 /-</u>	<u>E21B 19 /-</u>
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2018278327	2020302889	<u>C22B 15 /-</u>	2021201090	2021204345	<u>E21B 21 /-</u>
2018392741	2021266260	2020373621			
2020203143		<u>C22B 21 /-</u>	<u>D06F 31 /-</u>	<u>E03F 7 /-</u>	2017401562
2022201736	<u>C12M 1 /-</u>	2018278685	2017382049	2017340027	<u>E21B 23 /-</u>
<u>C07K 5 /-</u>	2018247588	<u>C22B 23 /-</u>	<u>D06F 34 /-</u>		
2018387188	2018386035	2017341012	2021201041	<u>E04B 1 /-</u>	2019236027
<u>C07K 7 /-</u>	<u>C12N 1 /-</u>	<u>C22B 23 /-</u>	2021201090	2022259853	2020241044
2018312110	2020429371	2017341012	<u>D06F 37 /-</u>	2018376334	<u>E21B 29 /-</u>
2020227591		<u>C22B 3 /-</u>	2017382049	2022259853	
<u>C08F 293 /-</u>	<u>C12N 15 /-</u>	2020373621	2019299800	<u>E04B 5 /-</u>	2017416050
2018392478	2017226955	<u>C22B 9 /-</u>	<u>D06F 39 /-</u>	2022259853	<u>E21B 33 /-</u>
	2017267665	2018278685	2017382049	<u>E04C 3 /-</u>	2017379548
<u>C08G 63 /-</u>	2017281743	<u>C22C 1 /-</u>	2019299800	2022259853	2019236027
2021202281	2017285726	2020372554	2021201041		2020285534
	2017323629	<u>C22C 38 /-</u>	<u>D06M 13 /-</u>	<u>E04D 5 /-</u>	<u>E21B 34 /-</u>
<u>C08G 69 /-</u>	2019341000	2017256502	2017361917	2018376334	2018203496
2020203143	2020203143	<u>C22C 5 /-</u>	<u>D06M 15 /-</u>	2020241044	2020285534
20221204023	2021204023	2020372554	2017361917	2020285534	
2019322205	<u>C12N 5 /-</u>	<u>C22C 38 /-</u>	<u>D06M 15 /-</u>	<u>E04F 13 /-</u>	
<u>C08G 83 /-</u>	2016362317	2017256502	2017361917	2021202091	<u>E21B 43 /-</u>
2019322205	2017254268	<u>C22C 5 /-</u>	<u>D06M 16 /-</u>	<u>E04F 21 /-</u>	2017392170
	2017323629	2020372554	2017361917	2021204345	2020241044
<u>C08J 3 /-</u>	2017350739	<u>C25B 1 /-</u>	<u>D21H 11 /-</u>	<u>E04G 11 /-</u>	2020285534
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	2018453854	2017380457	<u>D21H 27 /-</u>	<u>E04G 17 /-</u>	2018347385
<u>C08J 5 /-</u>	2021201433	<u>C25B 11 /-</u>	2019395778	2021261936	<u>E21B 7 /-</u>
2019202338	<u>C12N 7 /-</u>	2017380457	<u>E01B 25 /-</u>	2021261936	2017331074
	2016362317	<u>C25B 13 /-</u>	2019431920	<u>E04G 21 /-</u>	2017416050
<u>C08K 5 /-</u>	<u>C12N 9 /-</u>	2017285006	<u>E01B 3 /-</u>	2022202476	<u>E21C 25 /-</u>
2020330608	2017323629	2020285790	2020245115	<u>E04G 5 /-</u>	2017312142
	2019341000	<u>C25B 15 /-</u>	<u>E02B 3 /-</u>	2022202476	<u>E21C 27 /-</u>
<u>C08L 27 /-</u>	2020227591	2020285790	2018376334	<u>E04H 4 /-</u>	2017312142
2020330608	<u>C12P 17 /-</u>	<u>C25B 9 /-</u>	<u>E02D 29 /-</u>	2018399580	<u>F01D 1 /-</u>
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<u>C08L 29 /-</u>	<u>C12P 19 /-</u>	2017380457	<u>C25D 3 /-</u>	2021273635	<u>F02B 37 /-</u>
2020330608	2019217292	<u>C25D 3 /-</u>	2021260899	<u>E02F 3 /-</u>	2019426487
	<u>C12P 7 /-</u>	2021260899		<u>E05B 17 /-</u>	2020216212
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 (31) 62/404,816 (32) 06.10.16 (33) US
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 (74) FPA Patent Attorneys Pty Ltd
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 (72) Galas, Wally
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- (71) June365 Limited
 (11) AU-B-2022100100
 (21) 2022100100 (22) 26.07.2022
 (54) An Exercise Device
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A63B 21/00 (2006.01)
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 (72) ANDREWS, Ty Elgin; HERON, Louie George; DOS SANTOS, Raphael Jorge Millnitz; JACKSON, Russell Joseph; BELSHAM, Anthony John
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 (51) Int. Cl.
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E21B 47/06 (2012.01)
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 (72) KOPLAN, Christopher Thomas; JACKSON, John Carl; WILSON, Cory Bryce; HITCHEN, Joel; PELL, Christopher; BLAINE, Frederick; GUTTERUD, Erik; LAWIE, David Charles
 (74) AJ PARK
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 (11) AU-B-2021107594
 (21) 2021107594 (22) 27.10.2021
 (54) MODULAR FLOATING STRUCTURE
 (51) Int. Cl.
A01G 9/02 (2018.01)
A01G 9/029 (2018.01)
A01G 9/033 (2018.01)
B63B 35/38 (2006.01)
C02F 3/32 (2006.01)
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 (72) Walker, Chris; Lucke, Terry
 (74) Phillips Ormonde Fitzpatrick

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2022100072 Galas, W.
2022100100 June365 Limited
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2016204726 **Ace Products Holdings Pty Ltd** (ASSA ABLOY Australia Pty Limited)

Applications Withdrawn

2018223217 **Minetek Investments Pty Ltd** (Howden Australia Pty Ltd)

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Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 01.02.2023, Patent 2020104437 in the name of **Dio-genes Limited** has been revoked in relation to Patent Revoked under Section 101F of the Patents Act.

Assignments Registered

2003201985	Outotec Oyj	The patent has been assigned to Metso Outotec Finland Oy
2003208184	Outotec Oyj	The patent has been assigned to Metso Outotec Finland Oy
2003208185	Outotec Oyj	The patent has been assigned to Metso Outotec Finland Oy
2003227110	Outotec Oyj	The patent has been assigned to Metso Outotec Finland Oy
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Assignments Registered

2004289843 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2005230246 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

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2008202705 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

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Assignments Registered

2008254500 Athenex, Inc. The patent has been assigned to **ATNX SPV, LLC**

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2010215418 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010223193 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010223194 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010252922 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010261685 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010264622 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010291875 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010302548 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010309726 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2010320809 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2011212310 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2011212323 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

Assignments Registered

2011219679 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2011240323 REHAU Automotive SE & Co. KG The patent has been assigned to **Rehau Industries SE & Co. KG**

2011310026 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2011315400 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2011343143 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2012203317 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2012255625 Oventus Medical Limited The patent has been assigned to **Open Airway Dental Solutions Ltd**

2012273906 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2012296191 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2012334285 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2012335482 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2012343685 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2013207817 eBay Inc. The patent has been assigned to **PayPal, Inc.**

2013277943 The University of Queensland The patent has been assigned to **UniSA Ventures Pty Ltd**

2013344049 Shanghai Institute of Materia Medica Chinese Academy of Sciences; Shanghai Fochon Pharmaceutical Co Ltd The patent has been assigned to **Shanghai Institute of Materia Medica Chinese Academy of Sciences; Fochon Pharmaceuticals, Ltd.**

2013347256 REHAU Automotive SE & Co. KG The patent has been assigned to **Rehau Industries SE & Co. KG**

2014200559 Athenex, Inc. The patent has been assigned to **ATNX SPV, LLC**

2014202221 Athenex, Inc. The patent has been assigned to **ATNX SPV, LLC**

2015200507 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2015240431 Oventus Medical Limited The patent has been assigned to **Open Airway Dental Solutions Ltd**

2015268778 Outotec Oyj The patent has been assigned to **Metso Outotec Finland Oy**

2015271240 REHAU Automotive SE & Co. KG The patent has been assigned to **Rehau Industries SE & Co. KG**

2015334672 University of Strathclyde The patent has been assigned to **3F Bio Ltd**

2016347662 Jay Pharma, Inc. The patent has been assigned to **Akos Biosciences, Inc.**

Assignments Registered

2017228641 Oventus Medical Limited The patent has been assigned to **Open Airway Dental Solutions Ltd**

2018280534 Tianjin Zhongxin Pharmaceutical Research Institute Ltd. The patent has been assigned to **Tianjin Pharmaceutical Da Ren Tang Group Corp., Ltd. Traditional Chinese Medicine Research Institute**

2018322410 Keppel Offshore & Marine Technology Centre Pte Ltd The patent has been assigned to **Keppel Data Centres Holding Pte. Ltd.**

2019301272 Netmaster Solutions Ltd The patent has been assigned to **Thomson Reuters Enterprise Centre GmbH**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2009307677 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Nov 2022

For the goods ONPATTRO patisiran

2009330194 **ChemoCentryx, Inc.**

The earliest first regulatory approval date provided by the patentee 31 Jan 2023

For the goods TAVNEOS avacopan

2013287176 **INCYTE HOLDINGS CORPORATION**

The earliest first regulatory approval date provided by the patentee 14 Sep 2022

For the goods PEMAZYRE pemigatinib

2014281408 **Myokardia, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Sep 2022

For the goods CAMZYOS mavacamten

2014318025 **Peloton Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 22 Dec 2022

For the goods WELIREG belzutifan

2015249072 **Alnylam Pharmaceuticals, Inc.**

The earliest first regulatory approval date provided by the patentee 21 Nov 2022

For the goods ONPATTRO patisiran

2020277123 **Acerta Pharma B.V.**

The earliest first regulatory approval date provided by the patentee 13 Oct 2022

For the goods CALQUENCE acalabrutinib (as maleate)

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.

2009330194 **ChemoCentryx, 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 31 Jan 2023

For the goods TAVNEOS avacopan

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

Extensions granted

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

2010267758 **Immunocore Ltd.**

The earliest first regulatory approval date provided by the patentee 03 Jun 2022

For the goods KIMMTRAK tebentafusp

Extension of Term of patent pursuant to Section 77 expires on 01 Jul 2035

2018241103 **Sun Pharmaceutical Industries Limited**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods YONSA MPRED abiraterone acetate

Extension of Term of patent pursuant to Section 77 expires on 29 Mar 2037

Corrigenda

In Vol 36 , No 16 , Page(s) 2402 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shenyang Sinochem Agrochemicals R&D Co., Ltd., Application No. 2020363066, under INID (71) add co-applicants Jiangsu Yangnong Chemical Co., Ltd.

In Vol 36 , No 49 , Page(s) 6775 under the heading **Applications Accepted - Name Index** Delete all reference to 2017379142.

In Vol 57 , No 6 , Page(s) 934 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Marel Red Meat Slaughtering B.V., Application No. 2021302720, under INID (71) correct the applicant name to Marel Red Meat B.V.

In Vol 57 , No 6 , Page(s) 940 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Pharmnovo AB, Application No. 2021309364, under INID (72) add co-inventor NILSSON, Hans G.

In Vol 57 , No 7 , Page(s) 1021 under the heading **Amendments - Amendments Made** Under the name Huawei Technologies Co., Ltd., Application No. 2021302094, under INID (54) correct the title to read COVERAGE ENHANCEMENT METHOD AND APPARATUS

In Vol 57 , No 7 , Page(s) 1064 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Gasherbrum Bio, Inc. Application No.2021323253, under INID (72) add co-inventor MENG, Qinghua

In Vol 57 , No 7 , Page(s) 1134 under the heading **Applications Accepted - Name Index** Under the name Shenyang Sinochem Agrochemicals R&D Co., Ltd., Application No. 2020363066, under INID (71) add co-applicants Jiangsu Yangnong Chemical Co., Ltd.

Corrigenda

In Vol 57 , No 8 , Page(s) 1209 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Argenx Bvba; The Regents of the University of Colorado, a body corporate, Application No. 2021334165, under INID (71) correct the applicant names to argenx BV; The Regents of the University of Colorado, a Body Corporate

In Vol 57 , No 8 , Page(s) 1242 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Orthobio Therapeutics, Inc., Application No. 2021308079, under INID (72) add co-inventor GENTSCH, George

In Vol 57 , No 8 , Page(s) 1247 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Res Polyflow LLC, Application No. 2021331184, under INID (72) add co-inventor SCHWARZ, Richard A.

In Vol 57 , No 8 , Page(s) 1253 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Tecmen Electronics Co., Ltd. Application No. 2021311557, under INID (71) correct the applicant name to Tecmen Electronics Co., Ltd

In Vol 57 , No 9 , Page(s) 1407 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Wengfu (Group) Co., Ltd., Application No. 2021411535, under INID (71) correct the applicant name to Weng Fu (Group) Co., Ltd.

Specifications Republished

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

2016311265 **Trustees of Boston University**