



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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

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 4 Jul 2023 .

(71) Agriculture Victoria Services Pty Ltd.; Horticulture Innovation Australia Limited (21) 2023902105 (22) 30.06.2023 (54) COMPOSITIONS, METHODS AND DEVICES FOR CONTROL AND MON- ITORING INSECTS	(71) Biotome Pty Ltd (21) 2023902104 (22) 30.06.2023 (54) Peptides and Their Use in Diagnosis	(71) Canning, J. (21) 2023902154 (22) 05.07.2023 (54) OPTICAL WAVEGUIDE MAGNETIC FIELD SENSORS
(71) AIBUILD PTY LTD (21) 2023902149 (22) 04.07.2023 (54) Method and System for Generating 360° Panoramic Images From Text	(71) Biotome Pty Ltd (21) 2023902106 (22) 30.06.2023 (54) Peptides and Their Use in Diagnosis	(71) Cheng, W. (21) 2023902092 (22) 30.06.2023 (54) A reusable holder for dental floss
(71) APATCO Fence Tensioning Systems Pty. Ltd. (21) 2023902110 (22) 30.06.2023 (54) A TENSIONING POST AND A TEN- SIONING SYSTEM	(71) Biotome Pty Ltd (21) 2023902109 (22) 30.06.2023 (54) Predicting preeclampsia in pregnant women	(71) Circa Group Pty Ltd (21) 2023902100 (22) 30.06.2023 (54) Levoglucosenone Derivatives
(71) ARCHTIS LIMITED (21) 2023902133 (22) 03.07.2023 (54) A system and a method for the man- agement of the release of sensitive in- formation to approved parties	(71) Bourne, T. (21) 2023902155 (22) 05.07.2023 (54) A One Piece Acrylic Thermoplastic Skateboard Slide Guard	(71) Circa Group Pty Ltd (21) 2023902102 (22) 30.06.2023 (54) Dihydrolevoglucosenone Derivatives
(71) Avicena Systems Limited (21) 2023902132 (22) 03.07.2023 (54) Prefilled Assay Microplates	(71) BrainChip, Inc. (21) 2023902153 (22) 05.07.2023 (54) METHODS AND SYSTEM FOR IM- PROVED PROCESSING OF SEQUEN- TIAL DATA IN A NEURAL NETWORK	(71) Circa Group Pty Ltd (21) 2023902124 (22) 03.07.2023 (54) Levoglucosenone Derivatives
(71) Bambridge, D. (21) 2023902160 (22) 05.07.2023 (54) A modular housing system	(71) Breville Pty Limited (21) 2023902134 (22) 03.07.2023 (54) Utensil	(71) Circular Solar Solutions Pty Ltd (21) 2023902157 (22) 05.07.2023 (54) BACK SHEET REMOVAL METHOD AND APPARATUS FOR SOLAR PAN- ELS
(71) Bio-Gene Technology Limited (21) 2023902139 (22) 03.07.2023 (54) PESTICIDAL METHODS AND COM- POSITIONS	(71) Brunette, D.; Coe, J. (21) 2023902145 (22) 04.07.2023 (54) A single point lubricator	Coe, J. see Brunette, D. (21) 2023902145
(71) Biosceptre (Aust) Pty Ltd (21) 2023902090 (22) 30.06.2023 (54) Molecules and methods for activating CAR T cells	(71) Burdens Australia Pty Ltd (21) 2023902087 (22) 30.06.2023 (54) Access Chamber And Modular Stack- able Sections	(71) Coglitore, C. (21) 2023902167 (22) 06.07.2023 (54) AIBIZ with blockchain
		(71) Cold Logic Pty Ltd; TROYFRESH PTY LTD (21) 2023902066 (22) 29.06.2023 (54) A forced-air cooling facility and associ- ated method for cooling produce

Provisional Applications Filed - Name Index cont'd

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2023902141 (22) 04.07.2023
(54) WELDED JOINT BETWEEN A METALLIC HYDROGEN SEPARATION MEMBRANE AND A METALLIC CONNECTOR

(71) DHF Technology t/a Rig Mate
(21) 2023902076 (22) 29.06.2023
(54) Automated dropper loop tying arrangement

(71) Diraq Pty Ltd
(21) 2023902138 (22) 03.07.2023
(54) Qubit initialisation method and device

(71) Doazon Pty Ltd
(21) 2023902080 (22) 30.06.2023
(54) RIM LOCK ASSEMBLY

(71) Edith Cowan University
(21) 2023902137 (22) 03.07.2023
(54) Dietary Fibre Formulations

(71) Element Zero Pty Limited
(21) 2023902103 (22) 30.06.2023
(54) ORE PROCESSING METHOD FOR METAL RECOVERY

(71) Energy Flex Pty Ltd
(21) 2023902107 (22) 30.06.2023
(54) Methods and systems to calculate a scale-free non-dimensional figure of merit for energy use within an electricity market

(71) Esler, C.
(21) 2023902119 (22) 30.06.2023
(54) Personal Safety Device for men and women - mainly it is an innovative personal safety devices that are reliable and easy to use, giving women the assurance they need to feel secure in any situation

(71) First Light Kids
(21) 2023902071 (22) 29.06.2023
(54) Multi-functional, modular bed and furniture system with modernized specialty joinery

(71) FISHER & PAYKEL APPLIANCES LIMITED
(21) 2023902088 (22) 30.06.2023
(54) ELECTRIC MOTOR AND ROTOR THEREOF

(71) Flinders University
(21) 2023902135 (22) 03.07.2023
(54) REACTION CONTROL USING VORTEX FLUIDICS

(71) Forspan Engineering & Design Pty Ltd
(21) 2023902122 (22) 01.07.2023
(54) The 4 Span Building System

(71) Gerogiannis, C.
(21) 2023902143 (22) 04.07.2023
(54) A reusable, multi-adaptable and multi-location extension cord safety holder

(71) GILLIES, J.; HAYNES, M.
(21) 2023902074 (22) 29.06.2023
(54) Monitoring arrangement for extra low voltage power system

(71) GJW ENTERPRISES PTY. LTD.
(21) 2023902165 (22) 05.07.2023
(54) A CAPSULE CLOSURE DEVICE AND METHOD

(71) Glycosynnovations Pty Ltd
(21) 2023902113 (22) 30.06.2023
(54) COMPOUNDS AND USES THEREFOR

(71) Glycosynnovations Pty Ltd
(21) 2023902115 (22) 30.06.2023
(54) Compounds and Uses Therefor

(71) Gomez, R.
(21) 2023902125 (22) 03.07.2023
(54) Production of green steel from iron ores

(71) Grainstone Pty Ltd
(21) 2023902108 (22) 30.06.2023
(54) System and method for producing nutritious food-grade powder

(71) Grainstone Pty Ltd
(21) 2023902111 (22) 30.06.2023
(54) Methods And Equipment for Controlling Microbial Growth in Wet Plant Based Biomass Material

(71) Griffith University
(21) 2023902061 (22) 29.06.2023
(54) BIOMARKERS AND USES THEREFOR

(71) Guina ePropulsion Pty Ltd
(21) 2023902127 (22) 03.07.2023
(54) AN AXIAL FLUX PERMANENT MAGNET APPARATUS

(71) Harman, J.
(21) 2023902159 (22) 05.07.2023
(54) A glass pane geometry configuration user interface

HAYNES, M. see GILLIES, J.
(21) 2023902074

Horticulture Innovation Australia Limited see Agriculture Victoria Services Pty Ltd.
(21) 2023902105

(71) Human Aerospace Pty Ltd
(21) 2023902065 (22) 29.06.2023
(54) Adjustable compression band, apparatus and garment

(71) Hysata Pty Ltd
(21) 2023902150 (22) 05.07.2023
(54) Improvements to Electro-Synthetic or Electro-Energy Cells

(71) Hysential Pty Ltd
(21) 2023902120 (22) 01.07.2023
(54) Apparatus and Method of Refilling Fluid Hygiene Pods

(71) Icon23 Pty Ltd
(21) 2023902085 (22) 30.06.2023
(54) A takeaway food container assembly

(71) Imtrade Australia Pty Ltd
(21) 2023902136 (22) 03.07.2023
(54) Pesticide formulation comprising acetamiprid and means to monitor the stability thereof

(71) Infinite Water Technologies Pty Ltd
(21) 2023902142 (22) 04.07.2023
(54) Process for water treatment

(71) Insurance Australia Limited
(21) 2023902091 (22) 30.06.2023
(54) Determining a suitable replacement vehicle component

(71) Jusand Nominees Pty Ltd
(21) 2023902075 (22) 29.06.2023
(54) SYSTEM AND METHOD FOR GROUND STABILISATION

(71) Kim, D.
(21) 2023902161 (22) 05.07.2023
(54) A Modified Enclosed Mouse Trap with Built-In Garbage Bin

(71) Lam, T.T.
(21) 2023902148 (22) 04.07.2023
(54) MAGNETIC TRANSMISSION SYSTEM

Provisional Applications Filed - Name Index cont'd

(71) Leaf Resources Ltd
(21) 2023902101 (22) 30.06.2023
(54) Production Methods

(71) Lee, W.
(21) 2023902147 (22) 04.07.2023
(54) A face mask

(71) LIQUIM PTY LTD
(21) 2023902170 (22) 06.07.2023
(54) NATURAL-ORIGIN BIOADHESIVE,
BIODEGRADABLE, PROTECTIVE MI-
CROFILM BARRIER COMPOSITION
AND METHOD OF USE

(71) Macquarie University
(21) 2023902151 (22) 05.07.2023
(54) MODULATION OF GENE EXPRES-
SION

(71) Matthews, A.
(21) 2023902114 (22) 30.06.2023
(54) Construction Apparatus

(71) MEH Industrial Pty Ltd
(21) 2023902060 (22) 29.06.2023
(54) Transportable Sump System

(71) Mezrit Pty Ltd
(21) 2023902062 (22) 29.06.2023
(54) Dispenser monitoring system

(71) Mills, A.
(21) 2023902152 (22) 05.07.2023
(54) SYSTEM AND METHOD FOR FACIL-
ITATING USERS TO CREATE AND
VIEW ONLINE CONTENT

MORGAN, T. see REYNOLDS, R.
(21) 2023902117

(71) Nevell, D.
(21) 2023902093 (22) 30.06.2023
(54) flash light tooth brush

(71) NewSouth Innovations Pty Limited
(21) 2023902156 (22) 05.07.2023
(54) Self-healing anti-microbial peptide hy-
drogelators

(71) Norton, M.
(21) 2023902166 (22) 06.07.2023
(54) Road safety sign cover

(71) O2Systems Pty Ltd
(21) 2023902081 (22) 30.06.2023
(54) Wall System

(71) Osmosis Group Holdings Pty Ltd
(21) 2023902070 (22) 29.06.2023
(54) Portable battery system

(71) Pandemic Advisory & Audit Pty Ltd
(21) 2023902098 (22) 30.06.2023
(54) SANITISATION SYSTEM AND METH-
OD

(71) Pereira, M.
(21) 2023902094 (22) 30.06.2023
(54) Golf Putter

(71) Pring, G.H.
(21) 2023902083 (22) 30.06.2023
(54) A Bracket

(71) Process Development Centre Pty Ltd
(21) 2023902164 (22) 05.07.2023
(54) SLURRY DISPERSAL SYSTEM FOR A
THICKENER OR LIKE APPARATUS

(71) Queensland University of Technology
(21) 2023902128 (22) 03.07.2023
(54) An improved Perovskite-based solar
cell

(71) Red Milawa Pty Ltd
(21) 2023902099 (22) 30.06.2023
(54) CHASSIS FOR A PERSONAL MOBIL-
ITY VEHICLE

(71) Reid, T.
(21) 2023902073 (22) 29.06.2023
(54) Method and apparatus for treating dies-
el exhaust emissions

(71) ResMed Pty Ltd
(21) 2023902063 (22) 29.06.2023
(54) PATIENT INTERFACE HAVING UN-
DERCUSHION AND MEMBRANE

(71) REYNOLDS, R.; MORGAN, T.
(21) 2023902117 (22) 30.06.2023
(54) ELECTRICAL CONTROL AND/OR
MONITORING FOR A CRYOGENIC
STORAGE VESSEL

(71) SCRIPTOAI PTY LTD
(21) 2023902158 (22) 05.07.2023
(54) A METHOD OF PREPARING RE-
PORTS CONTAINING SENSITIVE
INFORMATION USING MACHINE
LEARNING

(71) Seremelis, A.
(21) 2023902121 (22) 01.07.2023
(54) Magnetic Limb Weight

(71) Shanti Therapeutics Pty Ltd
(21) 2023902084 (22) 30.06.2023
(54) A method of treatment

(71) Sharma, A.
(21) 2023902190 (22) 07.07.2023
(54) An emergency scenario communication
and informational system

(71) Sheppard, J.
(21) 2023902162 (22) 05.07.2023
(54) Computer Program Organizing Music
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(71) Stiles, I.L.W.
(21) 2023902112 (22) 30.06.2023
(54) Automatic Wheelie Bin Latch

(71) Studform Pty Ltd
(21) 2023902131 (22) 03.07.2023
(54) SYSTEM FOR GENERATING
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(71) Sunny Industrial Engineering Co., Ltd.
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(54) A fin and blade for freediving

(71) Sunset IP Pty Ltd
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(71) Talga Technologies Limited
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(54) Improved Graphite Material Purification
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(71) Tanner, M.
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(54) An edge projection device

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(71) Thermal Armour Holdings Pty Ltd
(21) 2023902067 (22) 29.06.2023
(54) A Modular Garment

(71) The University of Melbourne
(21) 2023902079 (22) 30.06.2023
(54) Polymer compositions and uses thereof

(71) The University of Melbourne
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(71) The University of Newcastle
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 (54) Gravity separation device and method

(71) The University of Queensland; The Flinders University of South Australia
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(71) THE UNIVERSITY OF WESTERN AUSTRALIA
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 (54) Polymer-enabled delivery of pharmaceutical agents

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(71) University of Tasmania
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 (54) BIO-MONOMERS, POLYMERS AND METHODS OF PREPARING THE SAME

(71) University of Tasmania
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 (54) RECEPTOR MODULATORS AND METHODS

(71) Victor Chang Cardiac Research Institute
 (21) 2023902096 (22) 30.06.2023
 (54) Piezo channel regulators

(71) Walsh, A.
 (21) 2023902140 (22) 04.07.2023
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(71) Zeotech Limited
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(71) Zeotech Limited
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Applications listed below were processed through the Patent Office Canberra during the period ending 4 Jul 2023 .

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

<hr/> <p>(71) Abiomed, Inc. (21) 2023204243 (22) 03.07.2023 (54) Thermoform cannula with variable can- nula body stiffness (62) 2021286298</p> <hr/> <p>(71) ACCESS CLOSURE, INC. (21) 2023204235 (22) 30.06.2023 (54) Apparatus and methods for sealing a vascular puncture (62) 2021201455</p> <hr/> <p>(71) Adobe Inc. (21) 2023204309 (22) 05.07.2023 (54) IMPROVING 3D MODELING USER INTERFACES BY INTRODUCING IM- PROVED COORDINATES FOR TRI- QUAD CAGES (31) 17/947,035 (32) 16.09.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023204419 (22) 08.07.2023 (54) MULTIDIMENSIONAL IMAGE EDITING FROM AN INPUT IMAGE (31) 17/942,101 (32) 09.09.22 (33) US</p> <hr/> <p>(71) ADVANCED LITHIUM ELECTRO- CHEMISTRY CO., LTD. (21) 2023204280 (22) 03.07.2023 (54) METHOD OF MANUFACTURING A POSITIVE ELECTRODE MATERIAL AND BATTERY PRODUCED THERE- FROM (31) 111132583 (32) 29.08.22 (33) TW</p> <hr/> <p>AIO - ALL IN ONE THERAPY Pty Ltd see Lowe, J. (21) 2023204251</p> <hr/> <p>(71) Amgen Inc. (21) 2023204188 (22) 30.06.2023 (54) Controllable drug delivery system and method of use (62) 2021261964</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023204331 (22) 05.07.2023 (54) Game token management system (62) 2021273594</p> <hr/>	<p>(71) Angel Group Co., Ltd. (21) 2023204335 (22) 06.07.2023 (54) SECURITY ELECTRONIC SHOE FOR CASINO (31) 2022-110486 (32) 08.07.22 (33) JP 2022-132265 23.08.22 JP 2023-086884 26.05.23 JP</p> <hr/> <p>(71) Apple Inc. (21) 2023204314 (22) 05.07.2023 (54) Handwriting entry on an electronic device (62) 2020267498</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2023204299 (22) 04.07.2023 (54) Insufflation stabilization system (62) 2021203095</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2023204325 (22) 05.07.2023 (54) Residual stress features in organ mod- els (62) 2017257598</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Ltd (21) 2023204171 (22) 29.06.2023 (54) MULTI-GAME GAMING MACHINE (62) 2021215280</p> <hr/> <p>(71) Ascendis Pharma Growth Disorders A/ S (21) 2023204227 (22) 30.06.2023 (54) CNP prodrugs (62) 2021203717</p> <hr/> <p>(71) Asics Corporation (21) 2023204308 (22) 04.07.2023 (54) Sportswear (31) JP2022-116407 (32) 21.07.22 (33) JP</p> <hr/> <p>(71) Atlas Copco Airpower, Naamloze Ven- nootschap (21) 2023204385 (22) 07.07.2023 (54) Compressor installation (31) BE 2022/5658 (32) 22.08.22 (33) BE</p> <hr/> <p>(71) Becton Dickinson and Company Lim- ited (21) 2023204298 (22) 04.07.2023</p> <hr/>	<p>(54) Connector for system for closed trans- fer of fluids (62) 2018210835</p> <hr/> <p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2023204315 (22) 05.07.2023 (54) Road change detection method, com- puting device, and storage medium (31) 202210803292.7 (32) 07.07.22 (33) CN</p> <hr/> <p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2023204337 (22) 06.07.2023 (54) Sensor data generation method, appar- atus and system and storage medium (31) 202210853447.8 (32) 08.07.22 (33) CN</p> <hr/> <p>(71) Berry Global, Inc. (21) 2023204238 (22) 01.07.2023 (54) MULTILAYER BREATHABLE FILMS AND LAMINATES INCLUDING THE SAME (62) 2018292419</p> <hr/> <p>(71) Bidoli, J. (21) 2023204421 (22) 09.07.2023 (54) GROUNDING SYSTEM FOR AIR- CRAFT REFUELLING APPARATUS (31) 2022901931 (32) 11.07.22 (33) AU</p> <hr/> <p>(71) Block, Inc. (21) 2023204230 (22) 30.06.2023 (54) Point of sale device with cradle for mo- bile computing device (62) 2020360165</p> <hr/> <p>(71) BLOCK, Inc. (21) 2023204312 (22) 05.07.2023 (54) Customized web page development based on point-of sale information (62) 2019397998</p> <hr/> <p>(71) Brady Worldwide, Inc. (21) 2023204384 (22) 07.07.2023 (54) Valve lockout (31) 17/867,925 (32) 19.07.22 (33) US</p> <hr/> <p>(71) Breville USA, Inc. (21) 2023204254 (22) 03.07.2023</p> <hr/>
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(71) Hunan Sijiu Technology Co., Ltd.
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(71) ID Squared Pty Ltd
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(71) Immatics Biotechnologies GmbH
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(71) J.W. Pepper & Son, Inc.
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(71) Jungheinrich Aktiengesellschaft
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(71) Kaleo, Inc.
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(71) Kawasaki Jukogyo Kabushiki Kaisha
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(71) Komatsu Ltd.
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(71) LaNova Medicines Limited
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(71) LAVA Therapeutics N.V.
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(62) 2020213325

(71) LG Electronics Inc.
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(71) LG Electronics Inc.
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(71) LG Electronics Inc.
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(71) LG Electronics Inc.
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(71) Waters, J.E.
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(71) Willand (Beijing) Technology Co., LTD.
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(71) Willand (Beijing) Technology Co., LTD.
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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)
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- 12 Application Withdrawn Section 141(1)
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- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
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Complete Specifications Treated as Provisional Specifications, Section 37

2022

2022204850 **Conran Innovations** Provisional Number:
 2022904048

Assignments before Grant, Section 113

2017

2017204957 Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Nuseed Global Innovation Ltd**

2017320470 Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Nuseed Global Innovation Ltd**

2017363147 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2018

2018201932 Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Nuseed Global Innovation Ltd**

2018342586 M-I L.L.C. The application has been assigned to **Schlumberger Technology B.V.**

2018344571 Northstone (NI) Limited The application has been assigned to **CUBIS SYSTEMS LIMITED**

2018351687 Perform Biologics, Inc. The application has been assigned to **Genera Istrazivanja d.o.o.**

2019

2019200155 Okstelex Services Pty Ltd The application has been assigned to **Leonard Francis Beyers**

Assignments before Grant, Section 113

2019247762 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2019255739 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2019340333 Nanjing Legend Biotech Co., Ltd. The application has been assigned to **LEGEND BIOTECH USA INC.**

2020

2020350763 FORMA Therapeutics, Inc. The application has been assigned to **Novo Nordisk Health Care AG**

2020353077 Iowa Corn Promotion Board The application has been assigned to **T.EN Process Technology, Inc.**

2020404447 ResApp Health Limited The application has been assigned to **Pfizer Inc.**

2020410097 ResApp Health Limited The application has been assigned to **Pfizer Inc.**

2020416271 Cilag GmbH International The application has been assigned to **JNTL Consumer Health I (Switzerland) GmbH**

2021

2021203775 NATIONAL CHENG KUNG UNIVERSITY The application has been assigned to **aiFree Interactive Technology Co., Ltd.**

2021220981 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2021224854 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2021225202 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2021240309 Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Nuseed Global Innovation Ltd**

2021290651 ResApp Health Limited The application has been assigned to **Pfizer Inc.**

2021292668 KORTUC Inc The application has been assigned to **The Institute of Cancer Research: Royal Cancer Hospital; KORTUC Inc**

2021359787 HUG, Bernhard The application has been assigned to **ReBerni Limited**

2021371069 ALTER TECHNOLOGY TUV NORD UK LIMITED; NPL MANAGEMENT LIMITED The application has been assigned to **NPL MANAGEMENT LIMITED**

Assignments before Grant, Section 113**2022**

2022218528 Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Nuseed Global Innovation Ltd**

2022224713 Incitec Pivot Limited The application has been assigned to **INCITEC FERTILISERS OPERATIONS PTY LTD**

2022241506 FORMA Therapeutics, Inc. The application has been assigned to **Novo Nordisk Health Care AG**

2022901928 Moore, Joel The application has been assigned to **Big Picture Aesthetics Pty Ltd**

2022902181 Synertec Pty Ltd The application has been assigned to **Powerhouse (By Synertec) Pty Ltd**

2023

2023200826 Keto Patent Group, Inc. The application has been assigned to **Nanjing Nutrabuilding Bio-Tech Co., LTD.**

2023202628 Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Nuseed Global Innovation Ltd**

2023204024 Retrotope, Inc. The application has been assigned to **RTMFP Enterprises Inc.**

2023901415 Donaghys Limited; Yeritsyan, Karen The application has been assigned to **Donaghys Limited**

Extensions of Time, Section 223**Applications Received**

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

2011

2011226976 **DMS Composites Pty Ltd** An application to extend the time from 30 Sep 2022 to 30 Apr 2023 in which to pay a renewal fee has been filed . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2018

2018100811 **Queensland Bullbars** An application to extend the time from 18 Jun 2022 to 18 May 2023 in which to pay a renewal fee has been filed . Address for service - Jones Tulloch PO BOX 181 Kew East VIC 3102 AU

2018204350 **Queensland Bullbars** An application to extend the time from 18 Jun 2022 to 18 May 2023 in which to pay a continuation fee has been filed . Address for service - Jones Tulloch PO BOX 181 Kew East VIC 3102 AU

2018263999 **TMJ Orthopaedics Pty Ltd** An application to extend the time from 13 Nov 2022 to 13 Jul 2023 in which to pay a continuation fee

Extensions of Time, Section 223

has been filed . Address for service - Actuate Patents L11, 65 York St Sydney NSW 2000 AU

2021

2021275607 **2 V INDUSTRIES, INC.** An application to extend the time from 08 Dec 2022 to 08 May 2023 in which to enter the National Phase has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)**2002**

2002320157 **Amgen Fremont Inc.; Amgen Inc.** The time in which to pay the excess claim fee for the amendment specification has been extended to 13 Jul 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2011

2011299025 **Nationwide Children's Hospital, Inc.; University of Southern California** The time in which to pay a renewal fee has been extended to 09 Apr 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014

2014304075 **Adama Agan Ltd.** The time in which to pay a renewal fee has been extended to 06 Mar 2023 . Address for service - Davies Collision Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2016

2016204735 **Minerva Biotechnologies Corporation; Bamdad, C.** The time in which to pay a renewal fee has been extended to 11 Feb 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017

2017211247 **Sanofi** The time in which to pay the acceptance fee has been extended to 09 Jul 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017265384 Torqur AG; The Trustees of the University of

Pennsylvania The time in which to pay the acceptance fee has been extended to 23 Jul 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017431376 **Swiss Transportation Research Institute AG** The time in which to pay a continuation fee has been extended to 15 Apr 2023 . Address for service - SR Intellectual Property PO Box 46308 Herne Bay Auckland 1147 NZ

2018

2018202382 **ADEVI IP HOLDING COMPANY PTY LTD** The time in which to request examination has been extended to 10 Apr 2023 . Address for service - Edway Media Pty Ltd Adevi IP Holding Company Pty Ltd 14 Mickleton Gr Point Cook VIC 3030 AU

2018273988 **Bruin Biosciences, Inc.; The Regents of the University of California** The time in which to pay a continuation fee has been extended to 25 Dec 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Extensions of Time, Section 223

2018324779 **BOE Technology Group Co., Ltd.** The time in which to pay a renewal fee has been extended to 07 Apr 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2019

2019250231 **BIOCONSORTIA, INC.** The time in which to pay a continuation fee has been extended to 19 Dec 2022 . Address for service - Ribeiro IP Limited C/O Target Accounting Ltd 7 Gladstone Road South Mosgiel Otago 9024 NZ

2019277195 **Flip Screen Australia Pty Ltd** The time in which to request examination has been extended to 07 Jul 2023 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2019302669 **GÉNIN, F.; GÉNIN, J.** The time in which to request examination has been extended to 18 Jul 2023 . Address for service - Collison & Co GPO Box 2556 Adelaide SA 5001 AU

2020

2020392253 **Sonos, Inc.** The time in which to enter the National Phase has been extended to 26 Feb 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021221774 **WELLDON, INC.** The time in which to pay a renewal fee has been extended to 12 Feb 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2021354969 **GENEROATH CO., LTD.** The time in which to enter the National Phase has been extended to 30 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022200541 **Novel Microdevices, Inc.** The time in which to pay a continuation fee has been extended to 25 Feb 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2022204588 **Alltech, Inc.** The time in which to pay a continuation fee has been extended to 29 Mar 2023 . Address for service - RnB IP PO Box 9530 Deakin ACT 2600 AU

2023

2023202088 **DSG Technology Holdings Ltd** The time in which to make a further application for a divisional patent has been extended to 07 Apr 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023202089 **Eagle Pharmaceuticals, Inc.** The time in which to make a further application for a divisional patent has been extended to 30 Apr 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2023204275 **Hella New Zealand Ltd** The time in which to associate with a complete application has been extended to 30 Jul 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 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.

2016

2016368099 Aqueous Pharmaceutical Formulation Comprising anti-PD-L1 Antibody Avelumab **Merck Patent GmbH ; Pfizer, Inc.** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017379879 Interpenetrating microstructures for nanochannel-based cargo delivery **Ohio State Innovation Foundation** The nature of the amendment is as shown in the statement(s) filed 29 Jun 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018346105 Gene therapies for lysosomal disorders **Prevail Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2018348359 Extended release pharmaceutical formulation and methods of treatment **Douglas Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement(s) filed 26 Jun 2023 . Address for service - Eagar & Associates Pty Ltd Level 2 35-39 Scarborough Street Southport QLD 4215 AU

2021

2021203726 MEDIUM CHAIN FATTY ACID ESTERS OF BETA-HYDROXYBUTYRATE AND BUTANEDIOL AND COMPOSITIONS AND METHODS FOR USING SAME **The J. David Gladstone Institutes ; The Regents of the University of California ; Ithaca College** The nature of the amendment is as shown in the statement(s) filed 04 Jul 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments Made

2016

2016290987 **CV6 Therapeutics (NI) Limited** The nature of the amendment is as shown in the statement filed 14 Mar 2023

2016426598 **Neurim Pharmaceuticals Ltd.** The nature of the amendment is as shown in the statement filed 18 Jan 2023

2017

2017348440 **General Electric Company** The nature of the amendment is as shown in the statement filed 13 Apr 2023

Amendments**2018**

2018224194 **John Mezzalingua Associates, LLC** The nature of the amendment is: Amend the name of a co-inventor to read Eswaravaka, Sasi

2018275198 **Haemonetics Corporation** The nature of the amendment is as shown in the statement filed 27 Jun 2023

2018344193 **Intellijoint Surgical Inc.** The nature of the amendment is: Remove co-inventor VIGDORCHIK, Jonathan Matthew

2019

2019214298 **Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.** The nature of the amendment is as shown in the statement filed 10 Mar 2023

2019227607 **Incyte Corporation** The nature of the amendment is as shown in the statement filed 17 Apr 2023

2019394365 **FutureFeed Pty Ltd** The nature of the amendment is as shown in the statement filed 04 Apr 2023

2019411398 **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd.** The nature of the amendment is: Amend the co-applicant name to read Guangzhou Shiyuan Electronic Technology Company Limited

2019414470 **Xunteng (GUANGDONG) Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101846

2020

2020200761 **Pride Mobility Products Corporation** The nature of the amendment is as shown in the statement filed 04 Apr 2023

2020297447 **Reynolds Presto Products Inc.** The nature of the amendment is as shown in the statement filed 23 Mar 2023

2020441156 **Accord Pacific Europe SA** The nature of the amendment is: Add the name of co-inventor TODESCHINI, Giovanni

2021

2021232207 **RCSM Enterprises Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Bolger, Robin

2021246806 **ZTE Corporation** The nature of the amendment is: Amend the invention title to read Method of resource acquisition, method of resource scheduling, terminal, service node, and medium

2021273899 **McTech Group, Inc.** The nature of the amendment is: Amend the name of the inventor to read MCDONALD, Stephen F.

2021317323 **Microbio Pty Ltd** The nature of the amendment is as shown in the statement filed 05 Jul 2023

2021376300 **EISAI R&D MANAGEMENT CO., LTD.** The nature of the amendment is: Amend the name of a co-inventor to read CARTY, Megan

Amendments

2021385689 **INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD** The nature of the amendment is: Amend the invention title to read Use of Lacticaseibacillus Paracasei subsp. paracasei K56 for enhancing resistance of intestinal tract to bacterial infection and improving intestinal immunity

2021388477 **INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD** The nature of the amendment is: Amend the invention title to read Use of Lactobacillus paracasei ET-22 for enhancing resistance of intestinal tract to bacterial infection and improving intestinal immunity

2021390705 **COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE DE MONTPELLIER; ECOLE NATIONALE SUPÉRIEURE DE CHIMIE DE MONTPELLIER** The nature of the amendment is as shown in the statement filed 14 Jun 2023

2021394102 **BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.** The nature of the amendment is: Amend the invention title to read CONTROL METHOD AND CONTROL APPARATUS OF PERMANENT MAGNET GENERATOR

2021406790 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read SURFACE-TREATED STEEL SHEET AND METHOD OF PRODUCING THE SAME

2021414155 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND APPARATUS, AND COMPUTER-READABLE STORAGE MEDIUM

2021418342 **NIPPON TELEGRAPH AND TELEPHONE CORPORATION** The nature of the amendment is: Amend the invention title to read Secure relational algebraic operation system, secure computation apparatus, secure relational algebraic operation method, and program

2021421952 **NIPPON SODA CO., LTD.** The nature of the amendment is: Amend the invention title to read Method for controlling insects in crop plants, seeds and composition

2021428306 **MITSUBISHI ELECTRIC CORPORATION** The nature of the amendment is: Amend the invention title to read POWER CONVERSION APPARATUS AND AIR CONDITIONER

2022

2022205056 **HEARTLAND AG TECH, INC.** The nature of the amendment is: Amend the invention title to read DETERMINING DRIVE SYSTEM ANOMALIES BASED ON POWER AND/OR CURRENT CHANGES IN AN IRRIGATION SYSTEM

2022210051 **OLIVIER NV** The nature of the amendment is: Amend the name of the inventor to read VANKEIRSBLICK, Gerdi and VANKEIRSBLICK, Dimitry

2022213291 **SIGNPATH PHARMA, INC.** The nature of the amendment is: Amend the name of the inventor to read SORDILLO, Pater, P.; SALVAIL, Dan and LABBE, Sebastien, M.

2022214912 **JOHNSON & JOHNSON CONSUMER INC.** The nature of the amendment is: Amend the invention title to read ALIGN-

Amendments

MENT OF A CLIP-ON MEDICAL DEVICE TO A SMART DEVICE CAMERA

2022215452 **SANWA KAGAKU KENKYUSHO CO., LTD.** The nature of the amendment is: Amend the invention title to read Medicine comprising glycopyrronium salicylate

2022378270 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read COMPOSITE FILLER, AND PRODUCT USING THE SAME

Alteration of Name(s) of Applicant(s)/Patentee(s)**2015**

2015316010 Hutchison MediPharma Limited The name of the patentee has been altered to **HUTCHMED Limited**

2016

2016251466 Axia Acquisition Corporation The name of the patentee has been altered to **Ames Tools Corporation**

2017

2017205774 HGT Innovations Pty Ltd The name of the patentee has been altered to **Fantom Hardware Pty Ltd**

2017339108 BFA Verburg B.V. The name of the patentee has been altered to **Washtower IP B.V.**

2018

2018101564 Aunew Group Holdings Pty Ltd The name of the patentee has been altered to **AUNEW MANAGEMENT PTY LTD**

2018215216 Kansas State University Research Foundation; MS Biotech, Inc. The name of the applicant has been altered to **Kansas State University Research Foundation; Axiota U.S., Inc.**

2018351645 Kansas State University Research Foundation; MS Biotech, Inc. The name of the applicant has been altered to **Axiota U.S., Inc.; Kansas State University Research Foundation**

2019

2019309214 Gas Technology Institute The name of the applicant has been altered to **GTI ENERGY**

2019454505 IL Dong Pharmaceutical Co., Ltd. The name of the applicant has been altered to **Ildong Pharmaceutical Co., Ltd.**

2020

2020300257 Incitec Fertilizers Pty Limited The name of the patentee has been altered to **INCITEC FERTILISERS OPERATIONS PTY LTD**

2021

2021282398 Incitec Fertilizers Pty Limited The name of the applicant has been altered to **INCITEC FERTILISERS OPERATIONS PTY LTD**

Amendments

2021292668 KORTUC Inc The name of the applicant has been altered to **KORTUC Japan LLC**

2021299360 IL Dong Pharmaceutical Co., Ltd. The name of the applicant has been altered to **Ildong Pharmaceutical Co., Ltd.**

2021336445 IL Dong Pharmaceutical Co., Ltd. The name of the applicant has been altered to **Ildong Pharmaceutical Co., Ltd.**

2021336446 IL Dong Pharmaceutical Co., Ltd. The name of the applicant has been altered to **Ildong Pharmaceutical Co., Ltd.**

2021371069 NPL MANAGEMENT LIMITED; OPTOCAP LTD The name of the applicant has been altered to **NPL MANAGEMENT LIMITED; ALTER TECHNOLOGY TUV NORD UK LIMITED**

2021392619 ZILLOW, INC. The name of the applicant has been altered to **MFTB Holdco, Inc.**

2021394480 BARBEAU, Patrice; GIRAD, Luc; BERGERON, Dany; HARDY, Geneviève The name of the applicant has been altered to **BARBEAU, P.; GIRARD, L.; BERGERON, D.; HARDY, G.**

2021396528 STOPPARKINSON HEALTHCARE SYSTEMS, LLC The name of the applicant has been altered to **Stopparkinson Healthcare Systems, Inc.**

2022

2022100147 HGT Innovations Pty Ltd The name of the patentee has been altered to **Fantom Hardware Pty Ltd**

2022219981 CONCEALFAB CORP. The name of the applicant has been altered to **CONCEALFAB INC.**

2022350408 YUNJING INTELLIGENCE TECHNOLOGY (DONG-GUAN) CO., LTD.; YUNJING INTELLIGENCE (SHENZHEN) CO., LTD. The name of the applicant has been altered to **Yunjing Intelligence Innovation (Shenzhen) Co., Ltd.; YUNJING INTELLIGENCE (SHENZHEN) CO., LTD.**

2023

2023900365 Incitec Fertilizers Pty Limited The name of the applicant has been altered to **INCITEC FERTILISERS OPERATIONS PTY LTD**

Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules

Australian Patent/Patent Application 2005280034 in the name(s) of Pfizer Ireland Pharmaceuticals

Applications Open to Public Inspection

Name Index

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

(71) Abiomed, Inc.
 (11) AU-A-2023204243
 (21) 2023204243 (22) 03.07.2023
 (54) Thermoform cannula with variable can-
 nula body stiffness
 (51) Int. Cl.
A61M 1/00 (2006.01)

(43) 20.07.2023
 (62) 2021286298
 (72) Tao, Zhenghong; Zarins, Christopher;
 Mraz, Dion; Vaughan, Stephen; Becker,
 Julius Steven
 (74) Davies Collison Cave Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2022205164
 (21) 2022205164 (22) 12.07.2022
 (54) PROJECT VISUALIZATION SYSTEM
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06N 20/00 (2019.01)

(31) 17/646,948 (32) 04.01.22 (33) US
 (43) 20.07.2023
 (72) VIJAYARAGHAVAN, Koushik M.;
 PRASAD, Srikanth; LAZARUS,
 Mark; PANDIT, Vaishali; KULKARNI,
 Aditi; SRIVASTAVA, Krupa; GELOT,
 Pareshkumar Ramchandbhai;
 BAKHRU, Akshay; KANNAN IY-
 ENGAR, Vyshak; MANJUNATH,
 Roopalaxmi
 (74) Murray Trento & Associates Pty Ltd

(71) ACCESS CLOSURE, INC.
 (11) AU-A-2023204235
 (21) 2023204235 (22) 30.06.2023
 (54) Apparatus and methods for sealing a
 vascular puncture
 (51) Int. Cl.
A61B 17/00 (2006.01)

(43) 20.07.2023
 (62) 2021201455
 (72) HUNDERTMARK, Ronald R.; GUY-
 ER, Curt; TO, Kevin; REPP, Rick;
 SCHNITZER, Martin; AVUTHU, Srav-
 anthi
 (74) Griffith Hack

(71) Aizoon S.r.l.
 (11) AU-A-2022283713
 (21) 2022283713 (22) 08.12.2022
 (54) METHOD FOR DETECTING ANOM-
 ALIES IN COMMUNICATIONS, AND
 CORRESPONDING DEVICE AND
 COMPUTER PROGRAM PRODUCT
 (51) Int. Cl.
H04L 43/062 (2022.01)
G06N 20/00 (2019.01)

(31) 102021000033203 (32) 31.12.21 (33) IT

(43) 20.07.2023
 (72) Ucci, Daniele; Sobrero, Filippo; Bisio,
 Federica
 (74) PHILLIPS ORMONDE FITZPATRICK

Ali, Z. see Hasan, R.
 (21) 2022200021

(71) AMARIN PHARMACEUTICALS IRE-
 LAND LIMITED
 (11) AU-A-2023203903
 (21) 2023203903 (22) 21.06.2023
 (54) LOW ERUCTION COMPOSITION
 AND METHODS FOR TREATING AND/
 OR PREVENTING CARDIOVASCU-
 LAR DISEASE IN A SUBJECT WITH
 FISH ALLERGY/HYPERSENSITIVITY
 (51) Int. Cl.
A61K 31/202 (2006.01)
A61K 9/48 (2006.01)
A61P 9/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)

(43) 20.07.2023
 (62) 2021200265
 (72) Osterloh, Ian; Wicker, Pierre; Braeck-
 man, Rene; Soni, Paresh; Rowe,
 Jonathan
 (74) AJ PARK

(71) Amgen Inc.
 (11) AU-A-2023204188
 (21) 2023204188 (22) 30.06.2023
 (54) Controllable drug delivery system and
 method of use
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/142 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)

(43) 20.07.2023
 (62) 2021261964
 (72) TAMTORO, Ferry; YANG, Huaying;
 LEE, Mark Ka Lai; YIN, Desheng;
 GIBSON, Scott R.; BUSBY, Donald;
 SHULTZ, Peter V.; KOGLER, Keith P.;
 TAHA, Basel Hasan; WARD, Jimmie L.;
 FOLK, Christopher R.; MCCULLOUGH,
 Adam B.; BADELT, Steven William
 (74) Spruson & Ferguson

(71) Apple Inc.
 (11) AU-A-2023204133
 (21) 2023204133 (22) 29.06.2023
 (54) Application integration with a digital as-
 sistant
 (51) Int. Cl.
G06Q 99/00 (2006.01)

(43) 20.07.2023
 (62) 2021290340
 (72) Radebaugh, Carey E.; Newendorp,
 Brandon J.; Peterson, Corey J.; Dasari,
 Rohit; Tran, Trungtin; Khosla, Vineet
 (74) FPA Patent Attorneys Pty Ltd

(71) Ares Trading S.A.
 (11) AU-A-2023204140
 (21) 2023204140 (22) 29.06.2023
 (54) Method for determining cell clonality
 (51) Int. Cl.
C12Q 1/68 (2018.01)

(43) 20.07.2023
 (62) 2016363746
 (72) La Neve, Fabio; Feger, Georg; Toso,
 Emiliano
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
 (11) AU-A-2023204150
 (21) 2023204150 (22) 29.06.2023
 (54) A GAMING MACHINE
 (51) Int. Cl.
A63F 3/00 (2006.01)

(43) 20.07.2023
 (62) 2021203314
 (72) CRISPINO, Oliver; TAM, Billy; LOM-
 BARDO, Paul
 (74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Ltd
 (11) AU-A-2023204171
 (21) 2023204171 (22) 29.06.2023
 (54) MULTI-GAME GAMING MACHINE
 (51) Int. Cl.
G06F 17/00 (2019.01)
A63F 5/04 (2006.01)
G07F 5/00 (2006.01)
G07F 17/32 (2006.01)

(43) 20.07.2023
 (62) 2021215280
 (72) Leach, Martin; Bryant, Natalie
 (74) James & Wells Intellectual Property

(71) Ascendis Pharma Bone Diseases A/S
 (11) AU-A-2023202402
 (21) 2023202402 (22) 19.04.2023
 (54) Incremental dose finding in con-
 trolled-release PTH compounds
 (51) Int. Cl.
A61K 47/56 (2017.01)
A61K 9/00 (2006.01)
A61K 38/29 (2006.01)
A61K 47/60 (2017.01)
A61P 5/00 (2006.01)
A61P 5/18 (2006.01)
A61P 7/00 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- A61P 7/08** (2006.01)
A61P 19/00 (2006.01)
A61P 19/02 (2006.01)
A61P 19/08 (2006.01)
A61P 19/10 (2006.01)
(43) 20.07.2023
(62) 2017336250
(72) Karpf, David Brian; Sprogøe, Kennett; Holten-Andersen, Lars
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Batfer Investment, S.A.
(11) AU-A-2022263499
(21) 2022263499 **(22)** 02.11.2022
(54) Stuffing box compression assembly
(51) Int. Cl.
E21B 33/03 (2006.01)
F04B 53/16 (2006.01)
(31) 17/568,223 **(32)** 04.01.22 **(33)** US
(43) 20.07.2023
(72) PITCHER, Jason
(74) Spruson & Ferguson
-
- (71)** BISSELL Inc.
(11) AU-A-2022287607
(21) 2022287607 **(22)** 14.12.2022
(54) SURFACE CLEANING APPARATUS WITH STEAM DELIVERY
(51) Int. Cl.
A47L 11/34 (2006.01)
B08B 3/00 (2006.01)
(31) 63/294,890 **(32)** 30.12.21 **(33)** US
(43) 20.07.2023
(72) FORDAHL, Joseph D.; NGUYEN, Tom Minh
(74) Griffith Hack
-
- (71)** Block, Inc.
(11) AU-A-2023204230
(21) 2023204230 **(22)** 30.06.2023
(54) Point of sale device with cradle for mobile computing device
(51) Int. Cl.
G07F 7/10 (2006.01)
G06K 7/00 (2006.01)
G06K 7/10 (2006.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G07F 7/08 (2006.01)
G07G 1/00 (2006.01)
G07G 1/01 (2006.01)
(43) 20.07.2023
(62) 2020360165
(72) MARTIN, Jeremy; KASHANI, Mani Razaghi; KUNST, Nicholas; ANDLER, Brett; STALLION, Steven; SCHULTZ, Rowan; CHEN, Yenliang; DOUTHAT, Cory
(74) FB Rice Pty Ltd
-
- (71)** Blue River Technology Inc.
(11) AU-A-2022283668
(21) 2022283668 **(22)** 06.12.2022
(54) CAMERA ARRAY CALIBRATION IN A FARMING MACHINE
(51) Int. Cl.
- G06T 7/80** (2017.01)
G06T 17/00 (2006.01)
H04N 13/246 (2018.01)
H04N 23/90 (2023.01)
(31) 17/566,396 **(32)** 30.12.21 **(33)** US
(43) 20.07.2023
(72) Ostrowski, James Patrick; Peake, John William; Song, Jacqueline Gao
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Blue River Technology Inc.
(11) AU-A-2022291571
(21) 2022291571 **(22)** 22.12.2022
(54) VIRTUAL SAFETY BUBBLES FOR SAFE NAVIGATION OF FARMING MACHINES
(51) Int. Cl.
G05B 19/4061 (2006.01)
G05D 1/02 (2020.01)
(31) 63/296,144 **(32)** 03.01.22 **(33)** US
 63/296,145 03.01.22 US
(43) 20.07.2023
(72) Pell, Edward William Jeffcott; Oezdemir, Uzur
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** Can-Fite Biopharma Ltd.
(11) AU-A-2021290439
(21) 2021290439 **(22)** 30.12.2021
(54) TREATMENT OF ADVANCED METASTATIC CANCER
(51) Int. Cl.
A61K 31/7076 (2006.01)
A61K 31/4745 (2006.01)
A61P 35/00 (2006.01)
(43) 20.07.2023
(72) FISHMAN, Pnina
(74) Davies Collison Cave Pty Ltd
-
- (71)** Capital One Services, LLC
(11) AU-A-2023204154
(21) 2023204154 **(22)** 29.06.2023
(54) Delegated administration of permissions using a contactless card
(51) Int. Cl.
G06F 21/60 (2013.01)
G06F 21/35 (2013.01)
(43) 20.07.2023
(62) 2020241413
(72) RULE, Jeffrey; MILLER, Walter A.
(74) GLMR
-
- (71)** CCL Secure Pty Ltd
(11) AU-A-2023204225
(21) 2023204225 **(22)** 30.06.2023
(54) A banknote and a method of producing a plurality of banknotes and a print press for producing a plurality of banknotes
(51) Int. Cl.
B42D 25/29 (2014.01)
B41F 11/02 (2006.01)
B41M 3/14 (2006.01)
-
- (43)** 20.07.2023
(62) 2018271142
(72) Power, Gary Fairless; Stevens, Ben
(74) Allens Patent & Trade Mark Attorneys
-
- (71)** Changzhou Waston Medical Appliance Co., Ltd
(11) AU-A-2022203365
(21) 2022203365 **(22)** 18.05.2022
(54) EASILY DISASSEMBLED BREAST-BONE PLATE
(51) Int. Cl.
A61B 17/68 (2006.01)
A61B 17/08 (2006.01)
A61B 17/88 (2006.01)
(31) 2021116689298 **(32)** 31.12.21 **(33)** CN
(43) 20.07.2023
(72) HU, Renmin; LIU, Hong; LIU, Wenhui
(74) Baxter Patent Attorneys Pty Ltd
-
- Clark, J. see Cripps Clark, J.**
(21) 2023204006
-
- (71)** CMR Surgical Limited
(11) AU-A-2023204068
(21) 2023204068 **(22)** 26.06.2023
(54) Device interoperation
(51) Int. Cl.
G16H 40/63 (2018.01)
(43) 20.07.2023
(62) 2019354911
(72) MENZIES, Rupert; ROBERTS, Paul Christopher
(74) FB Rice Pty Ltd
-
- (71)** Commonwealth Scientific and Industrial Research Organisation
(11) AU-A-2023202628
(21) 2023202628 **(22)** 28.04.2023
(54) Plants with modified traits
(51) Int. Cl.
C12N 15/52 (2006.01)
A01H 5/00 (2018.01)
C12N 15/29 (2006.01)
C12N 15/82 (2006.01)
(43) 20.07.2023
(62) 2017204957
(72) MITCHELL, Madeline Claire; DIVI, Uday Kumar; VANHERCKE, Thomas; PETRIE, James Robertson; SINGH, Surinder Pal; GREEN, Allan Graham
(74) FB Rice Pty Ltd
-
- Cripps Clark, J. see Cripps Clark, J.**
(21) 2023204006
-
- Cripps Clark, J. see Cripps Clark, J.**
(21) 2023204006
-
- Cripps Clark, J. see Cripps Clark, J.**
(21) 2023204006
-
- Cripps Clark, J. see Cripps Clark, J.**
(21) 2023204006

Applications Open to Public Inspection - Name Index cont'd

(21) 2023204006		<i>G06F 11/30</i> (2006.01) <i>G06F 21/50</i> (2013.01) <i>H04L 43/10</i> (2022.01) <i>H04L 67/12</i> (2022.01)	A61P 35/04 (2006.01) C07D 405/06 (2006.01) C07D 405/10 (2006.01) C07D 405/14 (2006.01) C07D 491/10 (2006.01)
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006	(43) 20.07.2023 (62) 2021202215,2021218217,2021232845,202123658	(72) Cripps Clark, Julianne Mary; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne; Cripps Clark, Julianne	C07D 498/08 (2022.01) (43) 20.07.2023 (62) 2019252432 (72) COOK, Andrew; REYNOLDS, Dominic; ZHONG, Cheng; BRAWN, Ryan; ELLERY, Shelby; SAMARAKOON, Thiwanka; LIU, Xiang; PRAJAPATI, Sudeep; SHEEHAN, Megan; LOWE, Jason T.; PALACINO, James (74) Davies Collison Cave Pty Ltd
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006			
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006	(71) Julianne Mary Cripps Clark		
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006	(71) Cue Health Inc. (11) AU-A-2023204147 (21) 2023204147 (54) SYSTEMS AND METHODS FOR ENHANCED DETECTION AND QUANTIFICATION OF ANALYTES (51) Int. Cl. <i>B01L 3/00</i> (2006.01) <i>G01N 35/00</i> (2006.01) (43) 20.07.2023 (62) 2021257927 (72) Khattak, Ayub; Sever, Clinton; Nelson, Paul; Cooper, Ryan; Congdon, Thomas; Demartino, Justin; Shapiro, Raphael; Duncan, Mark (74) HENRY HUGHES IP LTD	(71) Foldax, Inc. (11) AU-A-2023204196 (21) 2023204196 (54) Prosthetic heart valves with elastic support structures and related methods (51) Int. Cl. A61F 2/24 (2006.01) (43) 20.07.2023 (62) 2017347839 (72) Beith, Jason G. (74) FPA Patent Attorneys Pty Ltd	(22) 30.06.2023
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006			
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006	(71) Einhell Germany AG (11) AU-A-2022291418 (21) 2022291418 (54) COMMUNICATION OF AN ELECTRIC APPLIANCE WITH A COMPUTER SYSTEM (51) Int. Cl. <i>H04L 67/025</i> (2022.01) <i>G01R 31/28</i> (2006.01) <i>G01R 31/69</i> (2020.01) <i>G06F 1/16</i> (2006.01) <i>G08C 17/02</i> (2006.01) <i>G16Y 40/35</i> (2020.01) <i>H02J 7/00</i> (2006.01) (31) 10 2022 100 101.6 (32) 04.01.22 (33) DE (43) 20.07.2023 (72) THANNHUBER, Markus (74) Griffith Hack	(71) Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V. (11) AU-A-2023204176 (21) 2023204176 (54) Audio transmitter processor, audio receiver processor and related methods and computer programs (51) Int. Cl. <i>H04L 1/00</i> (2006.01) <i>G10L 19/005</i> (2013.01) (43) 20.07.2023 (62) 2020220383 (72) TOMASEK, Adrian; SPERSCHNEIDER, Ralph; BÜTHE, Jan; TSCHEKALINSKIJ, Alexander; LUTZKY, Manfred (74) FB Rice Pty Ltd	(22) 29.06.2023
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006			
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006	(71) Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J. (11) AU-A-2023204006 (21) 2023204006 (54) MeshMake – information infrastructure methods and devices that control access, veracity and privacy of diverse aggregations of live or archived data for flexible controlled analysis using data models including those linked and empowered through the DETPAT invention for block chain processing in distributed information system processing of any kind. Includes authority devices with methods for enabling collaborative selective actions and public participations in funding and selection of business case construction options. (51) Int. Cl. <i>G16Y 30/10</i> (2020.01) <i>G06Q 10/10</i> (2023.01) <i>G06Q 99/00</i> (2006.01) <i>H04W 12/06</i> (2021.01)	(71) Genentech, Inc. (11) AU-A-2023204160 (21) 2023204160 (54) PROCESS FOR THE PREPARATION OF TRICYCLIC PI3K INHIBITOR COMPOUNDS AND METHODS OF USING THE SAME FOR THE TREATMENT OF CANCER (51) Int. Cl. C07D 498/14 (2006.01) A61K 31/519 (2006.01) A61K 31/5383 (2006.01) (43) 20.07.2023 (62) 2021204704 (72) Stumpf, Andreas; Angelaud, Remy; McClory, Andrew; Yajima, Herbert; Ndubaku, Chudi; Olivero, Alan (74) MINTER ELLISON	(22) 29.06.2023
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006			
Cripps Clark, J. see Cripps Clark, J. (21) 2023204006	(71) Eisai R&D Management Co., Ltd. (11) AU-A-2023204118 (21) 2023204118 (54) Pladienolide derivatives as spliceosome targeting agents for treating cancer (51) Int. Cl. C07D 313/00 (2006.01) A61K 31/365 (2006.01) A61K 31/4025 (2006.01) A61K 31/416 (2006.01) A61K 31/4545 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)	(71) Genentech, Inc. (11) AU-A-2023204183	

Applications Open to Public Inspection - Name Index cont'd

- (21) 2023204183 (22) 29.06.2023
 (54) INJECTION MONITORING DEVICE
 (51) Int. Cl.
 A61M 5/31 (2006.01)
 A61M 5/315 (2006.01)
 A61M 5/32 (2006.01)
- (43) 20.07.2023
 (62) 2017387077
 (72) Biondi, Sherri; Davies, Geraint; Roe, Steve
 (74) RNB IP PTY LTD
-
- (71) Genentech, Inc.
 (11) AU-A-2023204220
 (21) 2023204220 (22) 30.06.2023
 (54) Methods of treating residual breast cancer with trastuzumab emtansine
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 31/5365 (2006.01)
 A61P 31/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 16/32 (2006.01)
 A61K 39/00 (2006.01)
- (43) 20.07.2023
 (62) 2019361871
 (72) SMITT, Melanie
 (74) Griffith Hack
-
- (71) Georg Fischer Rohrleitungssysteme AG
 (11) AU-A-2023200007
 (21) 2023200007 (22) 03.01.2023
 (54) Insulated subassembly
 (51) Int. Cl.
 F16L 59/18 (2006.01)
- (31) 22 150 433.5 (32) 06.01.22 (33) EP
 (43) 20.07.2023
 (72) BREYER, Markus; ANELLO, Alessandro
 (74) FB Rice Pty Ltd
-
- (71) Grifols Diagnostic Solutions Inc.
 (11) AU-A-2023204121
 (21) 2023204121 (22) 28.06.2023
 (54) COMPOSITIONS, METHODS AND/OR KITS COMPRISING A RECOMBINANT HUMAN CD38-EXTRACELLULAR DOMAIN
 (51) Int. Cl.
 C07K 14/705 (2006.01)
 G01N 33/68 (2006.01)
- (43) 20.07.2023
 (62) 2018313028
 (72) Hall, John A.; Schwind, Peter; Berry, Jody; Favaloro, Vincenzo; Booth, Elizabeth; Binda, Matteo
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Gripple Limited
 (11) AU-A-2023204247
 (21) 2023204247 (22) 03.07.2023
 (54) Securing device
 (51) Int. Cl.
 F16G 11/10 (2006.01)
-
- (43) 20.07.2023
 (62) 2018207325
 (72) GIEMZA, Lee
 (74) Spruson & Ferguson
-
- (71) Hasan, R.; Ali, Z.; Khizer, Y.; Mahmood, S.
 (11) AU-A-2022200021
 (21) 2022200021 (22) 04.01.2022
 (54) A Novel Implementation of High-Speed MISTY1 Block Cipher for cyber security Algorithm
 (51) Int. Cl.
 H04L 9/06 (2006.01)
- (43) 20.07.2023
 (72) Hasan, Raza; Ali, Zain; Khizer, Yasir; Mahmood, Salman
 (74) ENUMULA MAHESH
-
- (71) HONEYWELL INTERNATIONAL INC.
 (11) AU-A-2022287658
 (21) 2022287658 (22) 16.12.2022
 (54) INTERRUPTABLE BSDIFF DELTA DE-COMPRESSION
 (51) Int. Cl.
 G06T 5/00 (2006.01)
 G06F 15/00 (2006.01)
- (31) 17/647,091 (32) 05.01.22 (33) US
 (43) 20.07.2023
 (72) SCHNEIDER, Maximilian Waldo
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) HONEYWELL INTERNATIONAL INC.
 (11) AU-A-2023200055
 (21) 2023200055 (22) 05.01.2023
 (54) SYSTEMS AND METHODS FOR NAVIGATING A GRAPHICAL USER INTERFACE
 (51) Int. Cl.
 G06F 3/041 (2006.01)
 G05B 19/048 (2006.01)
 G06Q 10/063 (2023.01)
 G06Q 30/018 (2023.01)
 H04Q 9/02 (2006.01)
- (31) 202211000755 (32) 06.01.22 (33) IN 17/804314 27.05.22 US
 (43) 20.07.2023
 (72) Arora, Sparsh; Chatterji, Agniraj; Binod Kumar, Pratyaksha
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2023203591
 (21) 2023203591 (22) 08.06.2023
 (54) Display method and apparatus
 (51) Int. Cl.
 G06F 3/14 (2006.01)
 H04M 1/725 (2021.01)
 H04N 5/74 (2006.01)
- (43) 20.07.2023
 (62) 2021209226
 (72) ZHU, Dengkui; WANG, Quanquan
 (74) Spruson & Ferguson
-
- (71) IgGENE Limited
 (11) AU-A-2022200014
 (21) 2022200014 (22) 04.01.2022
 (54) POINT-OF-CARE IMMUNOASSAY DEVICE AND METHOD
 (51) Int. Cl.
 G01N 35/00 (2006.01)
 B01L 3/00 (2006.01)
 G01N 33/533 (2006.01)
 G01N 33/537 (2006.01)
 G01N 33/543 (2006.01)
- (43) 20.07.2023
 (72) Tam, Chi Hang Frankie; Lim, Pak Leong
 (74) IPiPhany Limited
-
- (71) INOSYSTEMS
 (11) AU-A-2022291594
 (21) 2022291594 (22) 23.12.2022
 (54) NO DELIVERY DEVICE WITH EMERGENCY DOSING SYSTEM
 (51) Int. Cl.
 A61M 16/20 (2006.01)
 A61M 16/01 (2006.01)
 A61M 16/12 (2006.01)
 A62B 9/02 (2006.01)
 A62B 9/04 (2006.01)
- (31) 2200064 (32) 05.01.22 (33) FR 2207324 18.07.22 FR
 (43) 20.07.2023
 (72) Boulanger, Thierry; Marchal, Frédéric; Schmitt, Mary
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) J.F.R. Enterprises Inc.
 (11) AU-A-2023200015
 (21) 2023200015 (22) 03.01.2023
 (54) Fairly distributed plinth
 (51) Int. Cl.
 F24F 13/32 (2006.01)
- (31) 63/295,720 (32) 31.12.21 (33) US
 (43) 20.07.2023
 (72) ROWLAND, Jay F.
 (74) Spruson & Ferguson
-
- (71) Jacobs Engineering Group Inc.
 (11) AU-A-2022291672
 (21) 2022291672 (22) 29.12.2022
 (54) PER-AND POLYFLUOROALKYL SUBSTANCES (PFAS) MODELING
 (51) Int. Cl.
 G06F 30/27 (2020.01)
 C02F 1/76 (2023.01)
 G01N 30/00 (2006.01)
 G06N 20/00 (2019.01)
 G16C 20/00 (2019.01)
- (31) 63/295,607 (32) 31.12.21 (33) US 18/146,184 23.12.22 US
 (43) 20.07.2023
 (72) GAMLIN, Jeffrey D.
 (74) BOSH IP Pty Ltd
-
- (71) Johnson & Johnson Consumer Inc.
 (11) AU-A-2023204148
 (21) 2023204148 (22) 29.06.2023
 (54) Methods and compositions for enhancing hair quality using blackberry extract
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

A61K 8/97 (2017.01)
A61P 17/14 (2006.01)
A61Q 7/00 (2006.01)
(43) 20.07.2023
(62) 2021202276
(72) BRUNING, Elizabeth; GUNN, Euen
 Thomas Graham Ekman; LIEBEL,
 Frank; TUCKER-SAMARAS, Sam-
 antha; VANWYCK, Dina; SANTORA,
 Delores
(74) Spruson & Ferguson

Khizer, Y. see Hasan, R.
(21) 2022200021

(71) LaNova Medicines Limited
(11) AU-A-2023204219
(21) 2023204219 **(22)** 30.06.2023
(54) Anti-claudin 18.2 antibodies and uses
 thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 31/14 (2006.01)
(43) 20.07.2023
(62) 2019270865
(72) Li, Runsheng
(74) FPA Patent Attorneys Pty Ltd

(71) LAVA Therapeutics N.V.
(11) AU-A-2023204215
(21) 2023204215 **(22)** 30.06.2023
(54) Immunoglobulins binding human
 Vγ9Vδ2 T cell receptors
(51) Int. Cl.
C07K 16/28 (2006.01)
(43) 20.07.2023
(62) 2020213325
(72) VAN DER VILET, Johannes Jelle; DE
 BRUIN, Renee Cornelia Gerarda; DE
 GRUIJLJ, Tanja Denise; VERHEUL,
 Hendrik Marinus Willem
(74) Griffith Hack

(71) Lee, G.; Lowe, P.
(11) AU-A-2023200085
(21) 2023200085 **(22)** 07.01.2023
(54) TREATMENT OF SKIN CONDITIONS
 WITH A TOPICAL EGFR INHIBITOR
 AND A KERATOLYTIC AGENT
(51) Int. Cl.
A61K 31/517 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 31/60 (2006.01)
A61P 17/02 (2006.01)
A61P 17/12 (2006.01)
(31) 2022900020 **(32)** 06.01.22 **(33)** AU
(43) 20.07.2023
(72) Lee, Geoffrey; Lowe, Patricia
(74) Geoffrey Lee

(71) LG Electronics Inc.
(11) AU-A-2022287556
(21) 2022287556 **(22)** 13.12.2022
(54) Dishwasher
(51) Int. Cl.

A47L 15/48 (2006.01)
A47L 15/42 (2006.01)
F24H 9/1854 (2022.01)
(31) 10-2021-0194339 **(32)** 31.12.21 **(33)** KR
 10-2021-0194341 31.12.21 KR
 10-2021-0194340 31.12.21 KR
 10-2021-0194343 31.12.21 KR
(43) 20.07.2023
(72) KIM, Jongyoung; LEE, Dongho
(74) FB Rice Pty Ltd

(71) LG Electronics Inc.
(11) AU-A-2022291417
(21) 2022291417 **(22)** 19.12.2022
(54) REFRIGERATOR AND HOME APPLI-
 ANCES
(51) Int. Cl.
F25D 23/02 (2006.01)
(31) 10-2022-0000726 **(32)** 04.01.22 **(33)** KR
 10-2022-0049181 20.04.22 KR
(43) 20.07.2023
(72) LEE, Jong Hwa; KWON, O Min
(74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
(11) AU-A-2022291452
(21) 2022291452 **(22)** 20.12.2022
(54) Dishwasher
(51) Int. Cl.
A47L 15/48 (2006.01)
(31) 10-2021-0194344 **(32)** 31.12.21 **(33)** KR
(43) 20.07.2023
(72) LEE, Dongho; KIM, Jongyoung
(74) FB Rice Pty Ltd

(71) LG Electronics Inc.
(11) AU-A-2023204190
(21) 2023204190 **(22)** 30.06.2023
(54) REFRIGERATOR AND METHOD FOR
 CONTROLLING SAME
(51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
(43) 20.07.2023
(62) 2019352420
(72) LEE, Donghoon; LEE, Woogyong;
 YEOM, Seungseob; LEE, Donghoon;
 BAE, Yongjun; SON, Sunggyun; PARK,
 Chongyoung
(74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
(11) AU-A-2023204191
(21) 2023204191 **(22)** 30.06.2023
(54) METHOD FOR CODING IMAGE ON
 BASIS OF INTRA PREDICTION US-
 ING MPM LIST AND APPARATUS
 THEREFOR
(51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/105 (2014.01)

H04N 19/176 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
(43) 20.07.2023
(62) 2020245002
(72) LIM, Jaehyun; LI, Ling; HEO, Jin; CHOI,
 Jangwon; KIM, Seunghwan
(74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
(11) AU-A-2023204193
(21) 2023204193 **(22)** 30.06.2023
(54) Nozzle for cleaner
(51) Int. Cl.
A47L 11/20 (2006.01)
A47L 9/02 (2006.01)
A47L 11/34 (2006.01)
(43) 20.07.2023
(62) 2021201907
(72) KO, Moohyun; WOO, Namil; CHANG,
 Daeho
(74) FB Rice Pty Ltd

(71) LG ELECTRONICS INC.
(11) AU-A-2023204163
(21) 2023204163 **(22)** 29.06.2023
(54) Laundry treating apparatus
(51) Int. Cl.
D06F 29/00 (2006.01)
(43) 20.07.2023
(62) 2021201410
(72) JUNG, Youngho; JIN, Donghyun; KIM,
 Minsu
(74) Dentons Patent Attorneys Australasia
 Limited

(71) Lightcast Discovery Ltd
(11) AU-A-2023204199
(21) 2023204199 **(22)** 30.06.2023
(54) Microfluidic analytical device
(51) Int. Cl.
B01L 3/00 (2006.01)
 C12Q 1/6869 (2018.01)
(43) 20.07.2023
(62) 2018288533
(72) ISAAC, Thomas Henry; CUNHA,
 Pedro; SHERIDAN, Eoin; LOVE, David;
 PALMER, Rebecca; KELLY, Douglas J.;
 PODD, Gareth
(74) FB Rice Pty Ltd

(71) Lineage Logistics, LLC
(11) AU-A-2023203645
(21) 2023203645 **(22)** 09.06.2023
(54) OPTIMIZING PALLET LOCATION IN A
 WAREHOUSE
(51) Int. Cl.
G06Q 10/08 (2023.01)
(43) 20.07.2023
(62) 2020389130
(72) WINTZ, Daniel Thomas; LI, Michael
 Lingzhi; WOLF, Elliott Gerard; MAWER,
 Chloe; VOEGELE, Caitlin; FANG, Zhou
 Daisy; CHOUDHURY, Maya Ileana;

Applications Open to Public Inspection - Name Index cont'd

LONG, Julia; THATTAI, Sudarsan;
RIVERA, Jeffrey Alvarez
(74) RnB IP Pty Ltd

Lowe, P. see Lee, G.
(21) 2023200085

(71) Lysando AG
(11) AU-A-2023202892
(21) 2023202892 **(22)** 09.05.2023
(54) Antimicrobial Agents Against Salmonella Bacteria
(51) Int. Cl.
C12N 9/50 (2006.01)
C07K 14/46 (2006.01)
C12N 9/36 (2006.01)
(43) 20.07.2023
(62) 2017255962
(72) Griessl, Martin; Biebl, Manfred; Schirmeier, Eva
(74) WRAYS PTY LTD

(71) Magnet Forensics Inc.
(11) AU-A-2022291663
(21) 2022291663 **(22)** 28.12.2022
(54) Method and system for electronic insider threat prediction
(51) Int. Cl.
G06F 21/55 (2013.01)
G06F 21/57 (2013.01)
G06F 21/70 (2013.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
(31) 63/296,794 **(32)** 05.01.22 **(33)** US
(43) 20.07.2023
(72) SALIBA, Jad John; McQUAID, Jamie; AMICK, Harold C.; JORDAN, Dallas
(74) Spruson & Ferguson

(71) MAGNISAVE GROUP SDN. BHD.
(11) AU-A-2021290440
(21) 2021290440 **(22)** 30.12.2021
(54) METHOD AND SYSTEM FOR GENERATING A FINANCIAL INFOGRAPHIC OF A USER THROUGH A FINANCING PLATFORM
(51) Int. Cl.
G06Q 40/02 (2012.01)
(43) 20.07.2023
(72) SOH AIK GUAN, Vincent
(74) MOHAN MURALI KODIVEL

Mahmood, S. see Hasan, R.
(21) 2022200021

(71) Medela Holding AG
(11) AU-A-2023204172
(21) 2023204172 **(22)** 29.06.2023
(54) PUMPING GARMENT
(51) Int. Cl.
A61M 1/06 (2006.01)
(43) 20.07.2023
(62) 2021348353
(72) Stanton, Lisa
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Medisca Pharmaceutique Inc.
(11) AU-A-2023204134
(21) 2023204134 **(22)** 29.06.2023
(54) PHARMACEUTICAL COMPOUNDING METHODS AND SYSTEMS
(51) Int. Cl.
A61K 9/10 (2006.01)
A61K 47/10 (2017.01)
A61K 47/42 (2017.01)
(43) 20.07.2023
(62) 2017357961
(72) Danopoulos, Panagiota; Joiner, Marc; Nyat Peng Wong, Sarah; Talebi, Vargha; Bader, Patrick-Martin
(74) Davies Collison Cave Pty Ltd

(71) Mesoblast International Sarl
(11) AU-A-2023204145
(21) 2023204145 **(22)** 29.06.2023
(54) Mesenchymal stem cells and uses therefor
(51) Int. Cl.
A61K 35/14 (2015.01)
C12N 5/00 (2006.01)
C12N 5/0775 (2010.01)
(43) 20.07.2023
(62) 2020201636
(72) AGGARWAL, Sudeepta; PITTENGER, Mark F.
(74) FB Rice Pty Ltd

(71) Meso Scale Technologies, LLC.
(11) AU-A-2023204139
(21) 2023204139 **(22)** 29.06.2023
(54) Integrated Consumable Data Management System and Platform
(51) Int. Cl.
G01N 33/53 (2006.01)
C40B 60/12 (2006.01)
G01N 33/543 (2006.01)
(43) 20.07.2023
(62) 2016297652
(72) Kochar, Manish; Bosco, Peter J.; Chamberlin, Ian D.; Jeffrey-Coker, Bandede; Jones, Eric M.; Krivoy, Gary I.; Krueger, Don E.; Leimkuehler, Aaron H.; Wu, Pei-Ming; Nguyen, Kim-Xuan; Oberoi, Pankaj; Pang, Louis W.; Parker, Jennifer; Pellicier, Victor; Sammons, Nick; Sigal, George; Wohlstadter, Jacob; Vock, Mike; Smith, Stanley T.; Stevens, Carl C.; Osborne, Roger D.; Page, Kenneth; Wade, Michael T.; Willoughby, Jon; Wang, Lei
(74) Chrysiliou IP

(71) Microban Products Company
(11) AU-A-2023204233
(21) 2023204233 **(22)** 30.06.2023
(54) Additive Formulation For Reduction Or Prevention Of Microbially Induced Corrosion In Concrete or Cementitious Material
(51) Int. Cl.
A01N 59/16 (2006.01)
B05D 7/00 (2006.01)

C04B 28/04 (2006.01)
(43) 20.07.2023
(62) 2021204091
(72) NELSON, Burke Irving; ONG, Ivan Weikang; RICHARDS, Glenner Marie; MATTHEWS, Daniel Ray
(74) WRAYS PTY LTD

(71) MiTek Corp., Inc.
(11) AU-A-2023204152
(21) 2023204152 **(22)** 29.06.2023
(54) Direct fire small ceiling speaker system
(51) Int. Cl.
H04R 1/02 (2006.01)
B60R 11/02 (2006.01)
H04R 1/00 (2006.01)
H04R 1/34 (2006.01)
(43) 20.07.2023
(62) 2018337828
(72) Ivey, Johnathan
(74) FPA Patent Attorneys Pty Ltd

(71) Nanjing University
(11) AU-A-2022200591
(21) 2022200591 **(22)** 29.01.2022
(54) COLLABORATIVE OPTIMIZATION CONTROL METHOD OF ORGANIC NITROGEN AND INORGANIC NITROGEN IN DENITRIFICATION PROCESS
(51) Int. Cl.
G05B 13/04 (2006.01)
C02F 3/30 (2006.01)
G05B 13/02 (2006.01)
(31) 202111652401.1 **(32)** 30.12.21 **(33)** CN
(43) 20.07.2023
(72) HU, Haidong; CUI, Xian; LIAO, Kewei; DING, Lili; WU, Bing; REN, Hongqiang
(74) Matthias Scholl Inc.

Nationwide Children's Hospital Inc. see Ohio State Innovation Foundation
(21) 2023202598

(71) Neuratech Communications Inc.
(11) AU-A-2023200018
(21) 2023200018 **(22)** 03.01.2023
(54) MAPPING, CHARACTERIZATION AND LOCALIZATION METHODS AND SYSTEMS FOR COMMUNICATION NETWORKS
(51) Int. Cl.
H04W 40/24 (2009.01)
G01S 5/02 (2010.01)
H04L 41/12 (2022.01)
H04L 45/02 (2022.01)
H04W 4/30 (2018.01)
(31) 3144586 **(32)** 31.12.21 **(33)** CA
(43) 20.07.2023
(72) Faraj Farjow, Wisam Hikmat
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Ohio State Innovation Foundation; Nationwide Children's Hospital Inc.
(11) AU-A-2023202598
(21) 2023202598 **(22)** 28.04.2023

Applications Open to Public Inspection - Name Index cont'd

- (54) Intrathecal delivery of recombinant Adeno-associated virus encoding Methyl-CpG binding protein 2
 (51) Int. Cl.
C12N 7/00 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
 (43) 20.07.2023
 (62) 2017362491
 (72) Foust, Kevin; Kaspar, Brian K.
 (74) Davies Collison Cave Pty Ltd
-
- (71) One World LED Pty Ltd
 (11) AU-A-2023204174
 (21) 2023204174 (22) 29.06.2023
 (54) MEDIA CONTROL METHOD AND SYSTEM
 (51) Int. Cl.
G06Q 30/02 (2023.01)
 (43) 20.07.2023
 (62) 2021202164
 (72) Rafizadeh, Schumann; Muller, Tanami Dereck; Rafizadeh, Darius Sean; Peterson, Benjamin Michael
 (74) Madderns Pty Ltd
-
- (71) Pall Corporation
 (11) AU-A-2022291609
 (21) 2022291609 (22) 23.12.2022
 (54) Fluid distribution system with single use manifold fluid recovery assembly
 (51) Int. Cl.
B67D 7/02 (2010.01)
B67D 1/08 (2006.01)
 (31) 17/934,486 (32) 22.09.22 (33) US
 63/295,490 30.12.21 US
 (43) 20.07.2023
 (72) HARTRIDGE, Thomas J.; ISAILOVIC, Bojan; BRETSCHEIDER, Jens
 (74) Spruson & Ferguson
-
- (71) Pall Corporation
 (11) AU-A-2022291620
 (21) 2022291620 (22) 23.12.2022
 (54) Fluid distribution system with single use manifold assembly for scaled filling
 (51) Int. Cl.
A61J 1/22 (2006.01)
A61B 50/13 (2016.01)
A61B 50/26 (2016.01)
A61J 1/10 (2006.01)
B01F 35/75 (2022.01)
 (31) 17/934,962 (32) 23.09.22 (33) US
 63/295,483 30.12.21 US
 (43) 20.07.2023
 (72) SEAL, Michael B.; ISAILOVIC, Bojan; FLISAR, Robert; RAUTENBACH, Jeremy
 (74) Spruson & Ferguson
-
- (71) Pall Corporation
 (11) AU-A-2022291622
 (21) 2022291622 (22) 23.12.2022
 (54) Fluid filtration system with single use filter and integrated integrity test device and method of using same
 (51) Int. Cl.
B01D 65/10 (2006.01)
G01M 3/02 (2006.01)
G01N 15/08 (2006.01)
 (31) 17/937,690 (32) 03.10.22 (33) US
 63/295,830 31.12.21 US
 (43) 20.07.2023
 (72) MEYER, Bernhard Anton; BRETSCHEIDER, Jens
 (74) Spruson & Ferguson
-
- (71) Pall Corporation
 (11) AU-A-2022291623
 (21) 2022291623 (22) 23.12.2022
 (54) Fluid filtration system with single use filter and method of using same for automated filter conditioning
 (51) Int. Cl.
B01D 65/00 (2006.01)
B01D 37/04 (2006.01)
 (31) 17/937,870 (32) 04.10.22 (33) US
 63/295,833 31.12.21 US
 (43) 20.07.2023
 (72) MEYER, Bernhard Anton; BRETSCHEIDER, Jens
 (74) Spruson & Ferguson
-
- (71) Pall Corporation
 (11) AU-A-2022291631
 (21) 2022291631 (22) 23.12.2022
 (54) Bulk fill system with serial fluid filtration assembly and method of using same for automated air transfer
 (51) Int. Cl.
B01D 29/50 (2006.01)
B01D 25/00 (2006.01)
 (31) 18/062,337 (32) 06.12.22 (33) US
 63/295,833 31.12.21 US
 (43) 20.07.2023
 (72) MEYER, Bernhard Anton; BRETSCHEIDER, Jens
 (74) Spruson & Ferguson
-
- (71) Peasley, S.; Peasley Horticultural Services Pty Ltd
 (11) AU-A-2022287578
 (21) 2022287578 (22) 13.12.2022
 (54) Passionfruit Snack Tool
 (51) Int. Cl.
A47J 17/02 (2006.01)
A47G 21/04 (2006.01)
 (31) 2022900014 (32) 05.01.22 (33) AU
 (43) 20.07.2023
 (72) Peasley, Samantha
 (74) Peasley Horticultural Services Pty Ltd
-
- Peasley Horticultural Services Pty Ltd see Peasley, S.**
 (21) 2022287578
-
- (71) Pentair, Inc.
 (11) AU-A-2022291678
 (21) 2022291678 (22) 30.12.2022
 (54) System and a method for notifying a user to replace a sacrificial anode
 (51) Int. Cl.
C23F 13/10 (2006.01)
-
- (71) Prysman S.p.A.
 (11) AU-A-2022279444
 (21) 2022279444 (22) 30.11.2022
 (54) Flame-retardant cable with self-extinguishing coating layer
 (51) Int. Cl.
C08K 3/016 (2018.01)
C08L 23/04 (2006.01)
C09K 21/02 (2006.01)
C09K 21/06 (2006.01)
C09K 21/14 (2006.01)
 (31) 21383239.7 (32) 30.12.21 (33) EP
 (43) 20.07.2023
 (72) Audebet, Pauline; Scrima, Vito; Caimi, Luigi; Casiraghi, Flavio; Colombier, Serge; Gutierrez, Sergio
 (74) Davies Collison Cave Pty Ltd
-
- (71) Purdy, C.
 (11) AU-A-2023203641
 (21) 2023203641 (22) 09.06.2023
 (54) A WHEELABLE COLLAPSIBLE TABLE AND STORAGE ASSEMBLY
 (51) Int. Cl.
A47B 3/10 (2006.01)
A45F 3/46 (2006.01)
A47B 3/08 (2006.01)
A47B 3/14 (2006.01)
A47C 4/00 (2006.01)
B62B 1/04 (2006.01)
B62B 1/20 (2006.01)
 (43) 20.07.2023
 (62) 2016309958
 (72) Purdy, Chrissie
 (74) mdp Patent and Trade Mark Attorneys
-
- (71) Push Through Innovation Corp
 (11) AU-A-2023204223
 (21) 2023204223 (22) 30.06.2023
 (54) Interest-based and bibliographical data-based multimedia content exploration, curation and organization
 (51) Int. Cl.
H04N 21/439 (2011.01)
 (43) 20.07.2023
 (62) 2018275145
 (72) Webster, Austin
 (74) Intelpro Patent & Trade Mark Attorneys
-
- (71) Qingdao University of Technology
 (11) AU-A-2022305654
 (21) 2022305654 (22) 15.06.2022
 (54) ECT-based quantitative monitoring method for moisture transport
 (51) Int. Cl.
G01N 27/22 (2006.01)
 (31) 202210005164.8 (32) 04.01.22 (33) CN

Applications Open to Public Inspection - Name Index cont'd

(43) 20.07.2023
 (72) ZHANG, Peng; WANG, Wentao; BAO, Jiuwen; XUE, Shanbin
 (74) Golja Haines & Friend

(71) Rani Therapeutics, LLC
 (11) AU-A-2023204153
 (21) 2023204153 (22) 29.06.2023
 (54) PCSK9 antibody preparations for delivery into a lumen of the intestinal tract using a swallowable drug delivery device
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/40 (2006.01)
 A61K 31/505 (2006.01)
 A61K 38/22 (2006.01)
 A61M 5/00 (2006.01)
 A61M 25/10 (2013.01)

(43) 20.07.2023
 (62) 2016320867
 (72) Imran, Mir; Korupolu, Radhika; To, Elaine; Harris, Joel; Hashim, Mir
 (74) FPA Patent Attorneys Pty Ltd

(71) Rehrig Pacific Company
 (11) AU-A-2023204161
 (21) 2023204161 (22) 29.06.2023
 (54) Collapsible container
 (51) Int. Cl.
 B65D 21/06 (2006.01)

(43) 20.07.2023
 (62) 2017261604
 (72) ENGLERT, Travis James; APPS, William P.; KALINOWSKI, Dane Gin Mun
 (74) Griffith Hack

(71) Renaissance Patio Products Inc.
 (11) AU-A-2022246479
 (21) 2022246479 (22) 08.10.2022
 (54) Louver Roof Structure
 (51) Int. Cl.
 E04F 10/08 (2006.01)
 E04B 7/16 (2006.01)
 E04H 1/12 (2006.01)

(31) 17/566,791 (32) 31.12.21 (33) US 17/895,568 25.08.22 US

(43) 20.07.2023
 (72) Fitzgerald, Lisa
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) ResMed Pty Ltd
 (11) AU-A-2023204149
 (21) 2023204149 (22) 29.06.2023
 (54) Headgear for a Patient Interface
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A61M 16/08 (2006.01)

(43) 20.07.2023
 (62) 2021240144
 (72) BLANCH, Emily Elizabeth; KOUIJ, Michiel; WAGNER, Stewart Joseph; WHITE, Hadley; WATSON, Paul Derick; KIRKPATRICK, Ryan Michael
 (74) James & Wells Intellectual Property

(71) Sandbox Enterprises, LLC
 (11) AU-A-2023204137
 (21) 2023204137 (22) 29.06.2023
 (54) Support apparatus for proppant storage containers
 (51) Int. Cl.
 B65G 65/34 (2006.01)
 B65D 88/12 (2006.01)
 B65D 88/30 (2006.01)
 B65D 88/54 (2006.01)
 B65G 69/18 (2006.01)

(43) 20.07.2023
 (62) 2020373074
 (72) SHEPHERD, Justin
 (74) Griffith Hack

(71) Schlage Lock Company LLC
 (11) AU-A-2023204175
 (21) 2023204175 (22) 29.06.2023
 (54) Motorized latch retraction with return boost
 (51) Int. Cl.
 E05B 47/02 (2006.01)
 E05B 65/10 (2006.01)

(43) 20.07.2023
 (62) 2020219241
 (72) LONG, Joshua A.; BAUMGARTE, Joseph W.; LUIF, John
 (74) Alder IP Pty Ltd

(71) Schneider Electric Industries SAS
 (11) AU-A-2022291536
 (21) 2022291536 (22) 22.12.2022
 (54) SENSING NODE, SENSING NETWORK, INTELLIGENT BUILDING CONTROL SYSTEM AND ASSOCIATED METHOD
 (51) Int. Cl.
 H04L 67/2869 (2022.01)
 G01S 13/88 (2006.01)
 G01S 17/66 (2006.01)
 G05B 15/02 (2006.01)
 G06Q 50/16 (2012.01)
 H04W 4/33 (2018.01)
 H04W 64/00 (2009.01)

(31) 202111664772.1 (32) 31.12.21 (33) CN

(43) 20.07.2023
 (72) Fan, Zhongxiao; Faber, Arseni
 (74) Madderns Pty Ltd

(71) Schneider Electric Industries SAS
 (11) AU-A-2022291641
 (21) 2022291641 (22) 23.12.2022
 (54) METHOD AND APPARATUS FOR IMPLEMENTING COMMUNICATION, AND COMPUTER-READABLE MEDIUM
 (51) Int. Cl.
 H04W 4/06 (2009.01)
 H04L 12/18 (2006.01)
 H04W 4/38 (2018.01)
 H04W 4/90 (2018.01)
 H04W 76/40 (2018.01)
 H04W 76/50 (2018.01)

(31) 202111671263.1 (32) 31.12.21 (33) CN

(43) 20.07.2023
 (72) Wu, Tuming; Qian, Jinwei
 (74) Madderns Pty Ltd

(71) Schneider Electric Industries SAS
 (11) AU-A-2022291643
 (21) 2022291643 (22) 23.12.2022
 (54) ELECTROMAGNET DRIVE MECHANISM, ASSEMBLY AND DUAL-POWER AUTOMATIC TRANSFER SWITCH
 (51) Int. Cl.
 H01H 3/28 (2006.01)
 H01H 3/46 (2006.01)
 H01H 13/12 (2006.01)
 H01H 50/20 (2006.01)
 H01H 50/32 (2006.01)
 H01H 50/34 (2006.01)
 H01H 50/44 (2006.01)
 H01H 51/06 (2006.01)

(31) 202123446259.3 (32) 30.12.21 (33) CN

(43) 20.07.2023
 (72) Wu, Jian; Liu, Zhenzhong; Mao, Shunxian; Yu, Gang
 (74) Madderns Pty Ltd

(71) Schumacher Electric Corporation
 (11) AU-A-2023204143
 (21) 2023204143 (22) 29.06.2023
 (54) BATTERY STATE DETECTION SYSTEM AND METHOD
 (51) Int. Cl.
 G01R 31/36 (2020.01)

(43) 20.07.2023
 (62) 2017263851
 (72) Clarke, Patrick J.; Whiting, John S.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Sea Tel, Inc. (D/B/A Cobham Satcom)
 (11) AU-A-2023204187
 (21) 2023204187 (22) 30.06.2023
 (54) Antenna system with multiple synchronously movable feeds
 (51) Int. Cl.
 H01Q 1/24 (2006.01)
 H01Q 3/14 (2006.01)
 H01Q 3/20 (2006.01)
 H01Q 5/45 (2015.01)
 H01Q 15/16 (2006.01)
 H01Q 19/17 (2006.01)
 H01Q 19/19 (2006.01)
 H01Q 21/00 (2006.01)

(43) 20.07.2023
 (62) 2018308379
 (72) Patel, Trushar; Ede, Tuncer
 (74) FPA Patent Attorneys Pty Ltd

(71) Sebela VLC Limited
 (11) AU-A-2023203747
 (21) 2023203747 (22) 15.06.2023
 (54) Intrauterine contraceptive device
 (51) Int. Cl.
 A61F 6/06 (2006.01)
 A61F 6/14 (2006.01)
 A61F 6/18 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 20.07.2023
 (62) 2021266229
 (72) Tal, Michael; Katz, Bob H.; Debisschop, Mark James; Wilson, Pete; Shikhman, Oleg
 (74) Davies Collison Cave Pty Ltd

(71) Security Matters Ltd.; Soreq Nuclear Research Center
 (11) AU-A-2023204023
 (21) 2023204023 (22) 26.06.2023
 (54) METHOD FOR DETECTING MIS-HANDLING AND MISUSE OF FOOD PRODUCTS
 (51) Int. Cl.
A01K 43/10 (2006.01)
G01N 23/223 (2006.01)
G06K 7/10 (2006.01)
 (43) 20.07.2023
 (62) 2017331630
 (72) Yoran, Nadav; Kislev, Tzemah; Grof, Yair; Alon, Haggai; Kaplinsky, Mor
 (74) Collison & Co

(71) Sedonasys Systems Ltd
 (11) AU-A-2023204234
 (21) 2023204234 (22) 30.06.2023
 (54) Systems and methods for managing multi-layer communication networks
 (51) Int. Cl.
G06F 15/16 (2006.01)
 (43) 20.07.2023
 (62) 2021225182
 (72) SHIKHMANter, Yona; GERSTEL, Oman Alexander; AFRIAT, Gal; MILIAVSKY, Vladimir
 (74) Davies Collison Cave Pty Ltd

(71) Shanghai Cellular Biopharmaceutical Group Ltd.
 (11) AU-A-2023204159
 (21) 2023204159 (22) 29.06.2023
 (54) BCMA-TARGETED CHIMERIC ANTI-GEN RECEPTOR AS WELL AS PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 15/62 (2006.01)
 (43) 20.07.2023
 (62) 2019251016
 (72) Wei, Yutian; Zhu, Lin; Li, Yanfeng; Yao, Yihong; Yao, Xin; Huang, Jiaqi; Zhang, Li; Zhu, Shigui; Lv, Xiaoteng
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SharkNinja Operating LLC
 (11) AU-A-2023204200
 (21) 2023204200 (22) 30.06.2023
 (54) COOKING DEVICE AND COMPONENTS THEREOF
 (51) Int. Cl.
A47J 37/06 (2006.01)

(43) 20.07.2023
 (62) 2021202548
 (72) Gill, Aaron Michael; Richardson, Ross; Zabel, Naomi Kalia Williams; Deng, Da; Gursel, Mete; Tattersfield, Andrew John Roy; Denham, Niall Christopher; Jackson, Roger Neil; Leahy, Ronan Patrick; White, Evan James; Guerin, Thomas; Martin, Chris; Lavins, Nathaniel R.; Swanhart, Mackenzie Lee; Ferguson, Samuel Andrew; Stewart, Scott James
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SIWA Corporation
 (11) AU-A-2023204158
 (21) 2023204158 (22) 29.06.2023
 (54) Humanized monoclonal advanced glycation end-product antibody
 (51) Int. Cl.
C07K 16/44 (2006.01)
A61K 39/395 (2006.01)
 (43) 20.07.2023
 (62) 2018251183
 (72) Gruber, Lewis S.
 (74) Griffith Hack

(71) Solaredge Technologies Ltd.
 (11) AU-A-2022291670
 (21) 2022291670 (22) 29.12.2022
 (54) Mixed photovoltaic modules
 (51) Int. Cl.
H01L 31/05 (2014.01)
H01L 31/0352 (2006.01)
H01L 31/049 (2014.01)
H02S 40/34 (2014.01)
 (31) 63/295,177 (32) 30.12.21 (33) US
 (43) 20.07.2023
 (72) YOSCOVICH, Ilan; LOEWENSTERN, Yakir
 (74) FB Rice Pty Ltd

Soreq Nuclear Research Center see Security Matters Ltd.
 (21) 2023204023

(71) Spark, I.
 (11) AU-A-2023200000
 (21) 2023200000 (22) 01.01.2023
 (54) Improved Articulated Vehicle
 (51) Int. Cl.
B62D 53/06 (2006.01)
B60D 1/01 (2006.01)
B62D 6/00 (2006.01)
B62D 13/02 (2006.01)
B62D 53/00 (2006.01)
B62D 53/08 (2006.01)
B60D 1/14 (2006.01)
B62D 13/06 (2006.01)
 (31) 2022900012 (32) 04.01.22 (33) AU
 (43) 20.07.2023
 (72) Spark, Ian
 (74) Ian James Spark

(71) Spin Master Ltd.
 (11) AU-A-2022275530
 (21) 2022275530 (22) 25.11.2022

(54) KIT WITH PLURALITY OF BLOCKS FOR CONSTRUCTING CRAFT
 (51) Int. Cl.
A63H 33/14 (2006.01)
 (31) 63/295,882 (32) 01.01.22 (33) US
 17/936,642 29.09.22 US
 (43) 20.07.2023
 (72) Robbins, Annalee; Lentini, Matthew; Pryszyk, Katherine; Lutz, Scott
 (74) James & Wells Intellectual Property

(71) Spin Master Ltd.
 (11) AU-A-2022275531
 (21) 2022275531 (22) 25.11.2022
 (54) KIT FOR CONSTRUCTING CRAFT USING PLURALITY OF BLOCKS AND STORAGE CONTAINER FOR SAME
 (51) Int. Cl.
A63H 33/14 (2006.01)
 (31) 63/266,428 (32) 05.01.22 (33) US
 17/936,617 29.09.22 US
 (43) 20.07.2023
 (72) Robbins, Annalee; Lentini, Matthew; Pryszyk, Katherine; Lutz, Scott
 (74) James & Wells Intellectual Property

(71) Steelcase Inc.
 (11) AU-A-2023204162
 (21) 2023204162 (22) 29.06.2023
 (54) Seating arrangement
 (51) Int. Cl.
A47C 1/03 (2006.01)
A47C 7/00 (2006.01)
A47C 7/54 (2006.01)
 (43) 20.07.2023
 (62) 2019276924
 (72) DEEVERS, Nickolaus William Charles; HEIDMANN, Kurt R.; PETERSON, Gordon J.; HOLDREDGE, Russell T.; BROCK, Nathan R.
 (74) WRAYS PTY LTD

(71) Sterlite Technologies Limited
 (11) AU-A-2023200003
 (21) 2023200003 (22) 02.01.2023
 (54) SINGLE PAIR ETHERNET CABLE
 (51) Int. Cl.
H01B 11/02 (2006.01)
 (31) 202241000175 (32) 03.01.22 (33) IN
 (43) 20.07.2023
 (72) Madha, Vaibhav; Bhatt, Darshana
 (74) LAMINAR IP PTY LTD

(71) Sterlite Technologies Limited
 (11) AU-A-2023200004
 (21) 2023200004 (22) 02.01.2023
 (54) ULTRA-LOW LOSS OPTICAL FIBERS FOR LONG HAUL COMMUNICATIONS
 (51) Int. Cl.
G02B 6/02 (2006.01)
G02B 6/028 (2006.01)
 (31) 202211000672 (32) 05.01.22 (33) IN
 (43) 20.07.2023
 (72) Munige, Srinivas Reddy; Malviya, Apeksha; Pandey, Anand
 (74) LAMINAR IP PTY LTD

Applications Open to Public Inspection - Name Index cont'd

- (71) Stryker Corporation
(11) AU-A-2023204224
(21) 2023204224 (22) 30.06.2023
(54) Patient support apparatuses with wireless headwall communication
(51) Int. Cl.
A61G 12/00 (2006.01)
A61G 7/00 (2006.01)
(43) 20.07.2023
(62) 2021245238
(72) Bhimavarapu, Krishna Sandeep; Desaulniers, Annie; Hayes, Michael Joseph
(74) Davies Collison Cave Pty Ltd
-
- (71) Sulun Arms Pty Ltd
(11) AU-A-2022201499
(21) 2022201499 (22) 03.03.2022
(54) Self-opening repeating action shotgun
(51) Int. Cl.
F41A 17/62 (2006.01)
F41A 3/58 (2006.01)
F41A 17/00 (2006.01)
F41A 17/30 (2006.01)
(31) 2022/000151 (32) 06.01.22 (33) TR
(43) 20.07.2023
(72) Hyde, Joshua
(74) Armour IP Pty Ltd
-
- (71) SUNGROW HYDROGEN SCI. & TECH. CO., LTD
(11) AU-A-2023200028
(21) 2023200028 (22) 04.01.2023
(54) Alternating current electrolysis system, and method and device for controlling the same
(51) Int. Cl.
H02J 3/24 (2006.01)
C25B 15/02 (2021.01)
H02J 3/12 (2006.01)
H02J 3/38 (2006.01)
(31) 202210001858.4 (32) 04.01.22 (33) CN
(43) 20.07.2023
(72) JIANG, Cai; SUN, Longlin; ZHANG, Xing; GUO, Zixuan
(74) FB Rice Pty Ltd
-
- (71) SUNGROW HYDROGEN SCI. & TECH. CO., LTD
(11) AU-A-2023200034
(21) 2023200034 (22) 04.01.2023
(54) Hydrogen production power supply system
(51) Int. Cl.
H02M 1/08 (2006.01)
H02M 1/00 (2007.01)
H02M 1/42 (2007.01)
H02M 3/00 (2006.01)
H02M 3/335 (2006.01)
H02M 7/04 (2006.01)
H02M 7/21 (2006.01)
(31) 202210005822.3 (32) 04.01.22 (33) CN
(43) 20.07.2023
(72) GU, Yu
(74) FB Rice Pty Ltd
-
- (71) Swinburne University of Technology
(11) AU-A-2022200006
(21) 2022200006 (22) 04.01.2022
(54) DATA PROCESSING DEVICE INCORPORATING AN OPTICAL FREQUENCY COMB
(51) Int. Cl.
H04J 14/00 (2006.01)
G02F 1/35 (2006.01)
G06N 3/067 (2006.01)
H04B 10/50 (2013.01)
(43) 20.07.2023
(72) Moss, David James; Xu, Xingyuan
(74) Phillips Ormonde Fitzpatrick
-
- (71) Tan, W.
(11) AU-A-2023202232
(21) 2023202232 (22) 11.04.2023
(54) New use of R-terbutaline and R-bambuterol for treatment of inflammatory bowel disease and its extra intestinal manifestations
(51) Int. Cl.
A61K 31/137 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 25/00 (2006.01)
(43) 20.07.2023
(62) 2019336248
(72) Tan, Wen
(74) Junhua Hu
-
- (71) Tencent America LLC
(11) AU-A-2023204197
(21) 2023204197 (22) 30.06.2023
(54) METHOD AND APPARATUS FOR VIDEO CODING
(51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/46 (2014.01)
(43) 20.07.2023
(62) 2020415292
(72) LI, Ling; LI, Xiang; LI, Guichun; LIU, Shan
(74) Griffith Hack
-
- (71) Tencent America LLC
(11) AU-A-2023204232
(21) 2023204232 (22) 30.06.2023
(54) METHOD FOR SIGNALING MIXED NAL UNIT TYPE AND SUBPICTURE PARTITIONING IN CODED VIDEO STREAM
(51) Int. Cl.
H04N 19/51 (2014.01)
(43) 20.07.2023
(62) 2021249220
(72) Choi, Byeongdoo; Wenger, Stephan; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) Terra Quantum AG
(11) AU-A-2022283661
(21) 2022283661 (22) 06.12.2022
-
- (54) WAVEGUIDE FOR LOW LOSS, HIGH SPEED ELECTRO-OPTICAL MODULATOR
(51) Int. Cl.
G02B 6/028 (2006.01)
G02F 1/035 (2006.01)
(31) 21218377.6 (32) 30.12.21 (33) EP
(43) 20.07.2023
(72) OKHRIMCHUK, Andrey; LESOVIK, Gordey; ALAGASHEV, Grigory
(74) Griffith Hack
-
- (71) Tetrus, Inc.
(11) AU-A-2023203647
(21) 2023203647 (22) 10.06.2023
(54) Demineralized bone fiber composition for augmentation of fixation
(51) Int. Cl.
A61F 2/28 (2006.01)
A61B 17/68 (2006.01)
(43) 20.07.2023
(62) 2018313306
(72) CARTER, Andrew J.; PATT, Bradley E.; ANDERSSON, Gunnar; MCRURY, Ian
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) The Boeing Company
(11) AU-A-2022291676
(21) 2022291676 (22) 29.12.2022
(54) Temporally consistent position estimation refinement for aerial refueling
(51) Int. Cl.
G06T 7/00 (2017.01)
B64D 39/00 (2006.01)
G01C 21/00 (2006.01)
G05D 1/10 (2006.01)
G06N 3/02 (2006.01)
G06T 1/00 (2006.01)
G06V 10/70 (2022.01)
G06V 10/82 (2022.01)
H04N 7/18 (2006.01)
(31) 17/569,448 (32) 05.01.22 (33) US
(43) 20.07.2023
(72) NGUYEN, Leon Nhat; SMITH, Haden Harrison; HUNG, Fan Hin; KHOSLA, Deepak
(74) FB Rice Pty Ltd
-
- (71) The Boeing Company
(11) AU-A-2023200019
(21) 2023200019 (22) 03.01.2023
(54) Pose estimation refinement for aerial refueling
(51) Int. Cl.
B64D 39/00 (2006.01)
G05D 1/10 (2006.01)
G06T 1/00 (2006.01)
G06T 7/00 (2017.01)
H04N 7/18 (2006.01)
(31) 17/569,440 (32) 05.01.22 (33) US
(43) 20.07.2023
(72) NGUYEN, Leon Nhat; SMITH, Haden Harrison; HUNG, Fan Hin; KHOSLA, Deepak; SADJADPOUR, Taraneh
(74) FB Rice Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

(71) The Raymond Corporation
 (11) AU-A-2023200032
 (21) 2023200032 (22) 04.01.2023
 (54) Torsion bar assembly for a material handling vehicle
 (51) Int. Cl.
B62B 3/06 (2006.01)
B60G 9/02 (2006.01)
 (31) 63/296,664 (32) 05.01.22 (33) US
 (43) 20.07.2023
 (72) YAHNER, Joseph T.
 (74) GLMR

(71) University of Hawaii
 (11) AU-A-2023204214
 (21) 2023204214 (22) 30.06.2023
 (54) Fabry-Perot Fourier transform spectrometer
 (51) Int. Cl.
G01J 3/45 (2006.01)
 (43) 20.07.2023
 (62) 2021202510
 (72) LUCEY, Paul
 (74) Spruson & Ferguson

(71) Vertical Grill Appliances LLC
 (11) AU-A-2023203935
 (21) 2023203935 (22) 22.06.2023
 (54) Vertical Grill With External Drip Tray Module
 (51) Int. Cl.
A47J 37/00 (2006.01)
F24C 15/00 (2006.01)
F24C 15/18 (2006.01)
F25D 21/14 (2006.01)
 (43) 20.07.2023
 (62) 2021202536
 (72) Buzick, Bonnie; Bair, Robert; Hunt, Ronald Eugene
 (74) Robert James Bair

(71) WANG, H.
 (11) AU-A-2022291529
 (21) 2022291529 (22) 21.12.2022
 (54) FISH POND FILTRATION DEVICE
 (51) Int. Cl.
A01K 63/04 (2006.01)
B01D 29/05 (2006.01)
B01D 33/11 (2006.01)
B01D 33/50 (2006.01)
B01D 36/04 (2006.01)
 (31) 202220017973.6 (32) 06.01.22 (33) CN
 (43) 20.07.2023
 (72) WANG, Haibo
 (74) MOHAN MURALI KODIVEL

(71) Waters, J.E.
 (11) AU-A-2023204216
 (21) 2023204216 (22) 30.06.2023
 (54) BATTERY MODULES AND SYSTEMS FOR REMOTE COMMAND AND CONTROL OF SAME
 (51) Int. Cl.
H01M 10/42 (2006.01)
H01M 10/48 (2006.01)

(43) 20.07.2023
 (62) 2017285210
 (72) Waters, John E.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Weber, P.
 (11) AU-A-2022287592
 (21) 2022287592 (22) 14.12.2022
 (54) COMPRESSIBLE, MINIMALLY INVASIVE IMPLANTS AND RELATED SYSTEMS AND METHODS
 (51) Int. Cl.
A61N 1/378 (2006.01)
A61M 5/142 (2006.01)
 (31) 63/295,068 (32) 30.12.21 (33) US
 17/650,459 09.02.22 US
 (43) 20.07.2023
 (72) Weber, Taiyo; Weber, Paul
 (74) Paul Weber

(71) Weir Minerals Australia Ltd
 (11) AU-A-2023204144
 (21) 2023204144 (22) 29.06.2023
 (54) A Grinding Disc For A Grinding Machine
 (51) Int. Cl.
B02C 7/12 (2006.01)
 (43) 20.07.2023
 (62) 2017365706
 (72) Doyle, Mark
 (74) WEIR MINERALS AUSTRALIA LTD

(71) Werewolf Therapeutics, Inc.
 (11) AU-A-2023204112
 (21) 2023204112 (22) 28.06.2023
 (54) Activatable cytokine polypeptides and methods of use thereof
 (51) Int. Cl.
C07K 14/55 (2006.01)
A61K 38/00 (2006.01)
C07K 19/00 (2006.01)
 (43) 20.07.2023
 (62) 2019271147
 (72) WINSTON, William; HICKLIN, Daniel; BHASKAR, Vinay; EVNIN, Luke; BAEUERLE, Patrick; SALMERON GARCIA, Jose Andres; BRODKIN, Heather; LIN, Shuoyen Jack; WESCHE, Helger; SEIDEL-DUGAN, Cynthia
 (74) Spruson & Ferguson

Numerical Index

2021290439	Can-Fite Biopharma Ltd.	2023204006	Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.
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2023203647	Tetrous, Inc.		
2023203747	Sebela VLC Limited		
2023203903	AMARIN PHARMACEUTICALS IRELAND LIMITED		
2023203935	Vertical Grill Appliances LLC		

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A01H 5 /- 2023202628	A61K 31 /- 2021290439 2023200085 2023202232 2023203903 2023204118 2023204153 2023204160 2023204220	A61P 19 /- 2023202232 2023202402	B02C 7 /- 2023204144	C07D 313 /- 2023204118	E04F 10 /- 2022246479
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A47B 3 /- 2023203641	A61K 48 /- 2023202598	A61P 7 /- 2023202402	B42D 25 /- 2023204225	C07K 16 /- 2023204158 2023204215 2023204219 2023204220	E21B 33 /- 2022263499
A47C 1 /- 2023204162	A61K 8 /- 2023204148	A61P 9 /- 2023203903	B60D 1 /- 2023200000	F04B 53 /- 2022263499	
A47C 4 /- 2023203641	A61K 9 /- 2023200085 2023202402 2023203903 2023204134 2023204153	A61P 9 /- 2023203903	B60G 9 /- 2023200032	F16G 11 /- 2023204247	
A47C 7 /- 2023204162	A61K 9 /- 2023200085 2023202402 2023203903 2023204134 2023204153	A61Q 7 /- 2023204148	B60R 11 /- 2023204152	F16L 59 /- 2023200007	
A47G 21 /- 2022287578	A61M 1 /- 2023204172 2023204243	A62B 9 /- 2022291594	B62B 1 /- 2023203641	F24C 15 /- 2023203935	
A47J 17 /- 2022287578	A61M 16 /- 2022291594 2023204149	A62B 9 /- 2022291594	B62B 3 /- 2023200032	F24F 13 /- 2023200015	
A47J 37 /- 2023203935 2023204200	A61M 16 /- 2022291594 2023204149	A63F 3 /- 2023204150	B62D 13 /- 2023200000	F24H 9 /- 2022287556	
A47L 11 /- 2022287607 2023204193	A61M 16 /- 2022291594 2023204149	A63F 5 /- 2023204171	B62D 13 /- 2023200000	F25C 1 /- 2023204190	
A47L 15 /- 2022287556 2022291452	A61M 16 /- 2022291594 2023204149	A63H 33 /- 2022275530 2022275531	B62D 53 /- 2023200000	F25C 5 /- 2023204190	
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A61B 17 /- 2022203365 2023203647 2023204235	A61M 5 /- 2022287592 2023204153 2023204183 2023204188	B01D 29 /- 2022291529 2022291631	B64D 39 /- 2022291676 2023200019	F25D 21 /- 2023203935	
A61B 50 /- 2022291620	A61M 5 /- 2022287592 2023204153 2023204183 2023204188	B01D 29 /- 2022291529 2022291631	B65D 21 /- 2023204161	F25D 23 /- 2022291417	
A61F 2 /- 2023203647 2023204196	A61M 25 /- 2023204153	B01D 33 /- 2022291529	B65D 88 /- 2023204137	F25D 25 /- 2023204190	
A61F 6 /- 2023203747	A61M 5 /- 2022287592 2023204153 2023204183 2023204188	B01D 36 /- 2022291529	B65G 65 /- 2023204137	F25D 29 /- 2023204190	
A61F 12 /- 2023204224	A61M 5 /- 2022287592 2023204153 2023204183 2023204188	B01D 37 /- 2022291623	B65G 69 /- 2023204137	F41A 17 /- 2022201499	
A61G 7 /- 2023204224	A61N 1 /- 2022287592	B01D 65 /- 2022291622 2022291623	B67D 1 /- 2022291609	F41A 3 /- 2022201499	
A61J 1 /- 2022291620	A61P 1 /- 2023202232	B01D 65 /- 2022291622 2022291623	B67D 7 /- 2022291609	G01C 21 /- 2022291676	
	A61P 17 /- 2023200085 2023202232 2023204148	B01F 35 /- 2022291620	C02F 1 /- 2022291672	D06F 29 /- 2023204163	
		B01L 3 /- 2022200014 2023204147 2023204199	C02F 3 /- 2022200591	E04B 7 /- 2022246479	
			C04B 28 /- 2023204233	G01M 3 /- 2022291622	

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G01N 15 /- 2022291622	G06F 3 /- 2023200055 2023203591	G07G 1 /- 2023204230	H02M 7 /- 2023200034	H04W 40 /- 2023200018
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G01N 33 /- 2022200014 2023204121 2023204139	G06N 3 /- 2022200006 2022291663 2022291676	G16C 20 /- 2022291672	H04L 1 /- 2023204176	
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G02B 6 /- 2022283661 2023200004	G06Q 99 /- 2023204006 2023204133	H01H 3 /- 2022291643	H04L 9 /- 2022200021	
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Innovation Patents Open to Public Inspection

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. (*) Title not in Roman characters

. (**) Title not given

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

Australian Nuclear Science and Technology Organisation see Iluka Resources Limited

(21) 2021107677

(71) Iluka Resources Limited; Australian Nuclear Science and Technology Organisation

(11) AU-A-2021107677

(21) 2021107677 **(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)

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C22B 34/14 (2006.01)

F27B 7/06 (2006.01)

F27B 7/08 (2006.01)

F27B 7/36 (2006.01)

(45) 20.07.2023

(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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2021107677 Iluka Resources Limited; Australian Nuclear Science
and Technology Organisation

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2021107677

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No IPC Mark

PCT applications which have entered the National Phase

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

<p>(71) ABBVIE INC.; ABBVIE DEUTSCHLAND GMBH & CO KG (11) AU-A-2022205628 (21) 2022205628 (22) 06.01.2022 (54) METHODS OF TREATING CROHN'S DISEASE AND ULCERATIVE COLITIS (51) Int. Cl. C07K 16/24 (2006.01) A61K 39/395 (2006.01) A61P 1/00 (2006.01) (87) WO2022/150472 (31) 63/134,506 (32) 06.01.21 (33) US 63/134,549 06.01.21 US 63/195,554 01.06.21 US 63/279,978 16.11.21 US (43) 14.07.2022 (72) WALLACE, Kori; KALABIC, Jasmina; HEAP, Graham, A.; LIAO, Xiaomei; HUANG, Bidan; NEIMARK, Ezequiel; SONG, Alexandra, P.; ROBINSON, Anne, M. (74) Spruson & Ferguson</p>	<p>(51) Int. Cl. C10B 57/10 (2006.01) C10B 57/16 (2006.01) C10G 3/00 (2006.01) C10G 11/18 (2006.01) C10G 25/00 (2006.01) C10G 49/04 (2006.01) C10G 49/06 (2006.01) C10G 49/08 (2006.01) C10G 69/04 (2006.01) C10K 3/04 (2006.01) (87) WO2022/144444 (31) 2020914.4 (32) 31.12.20 (33) GB (43) 07.07.2022 (72) ATKINS, Martin (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>	<p>(51) Int. Cl. C25B 1/04 (2021.01) C01B 3/00 (2006.01) C25B 1/00 (2021.01) C25B 1/02 (2006.01) F03G 7/00 (2006.01) (87) WO2022/150302 (31) 63/135,226 (32) 08.01.21 (33) US (43) 14.07.2022 (72) MORRISON, Brian, D.; SPELLANE, William; AUSTIN, Glenn (74) Spruson & Ferguson</p>
<p>(71) ABRAHAM, Y. (11) AU-A-2021402432 (21) 2021402432 (22) 19.12.2021 (54) FIBER-OPTIC 3D IMAGING (51) Int. Cl. G01B 11/06 (2006.01) G01B 11/25 (2006.01) G01B 11/30 (2006.01) (87) WO2022/130389 (31) 17/126,120 (32) 18.12.20 (33) US (43) 23.06.2022 (72) ABRAHAM, Yoed (74) WRAYS PTY LTD</p>	<p>(71) ADVANCED MAGNET LAB, INC. (11) AU-A-2022208708 (21) 2022208708 (22) 14.01.2022 (54) ELECTRICAL MACHINES USING AXIALLY-MAGNETIZED CURVILINEAR PERMANENT MAGNETS (51) Int. Cl. H02K 1/27 (2022.01) H02K 1/00 (2006.01) H02K 1/02 (2006.01) H02K 1/06 (2006.01) H02K 1/22 (2006.01) H02K 16/00 (2006.01) H02K 16/02 (2006.01) H02K 21/10 (2006.01) (87) WO2022/155535 (31) 63/137,363 (32) 14.01.21 (33) US PCT/ 05.05.21 US US2021/030980 (43) 21.07.2022 (72) MASSON, Philippe; SENTI, Mark (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ALAUNOS THERAPEUTICS, INC. (11) AU-A-2021413365 (21) 2021413365 (22) 29.12.2021 (54) RECOMBINANT VECTORS COMPRISING POLYCISTRONIC EXPRESSION CASSETTES AND METHODS OF USE THEREOF (51) Int. Cl. C12N 15/63 (2006.01) A61K 39/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) C12N 5/10 (2006.01) C12N 15/62 (2006.01) C07K 14/725 (2006.01) C07K 19/00 (2006.01) (87) WO2022/147444 (31) 63/132,434 (32) 30.12.20 (33) US (43) 07.07.2022 (72) OLIVARES, Simon; SINGH, Harjeet; COOPER, Laurence James Neil; HURTON, Lenka Victoria (74) AJ PARK</p>
<p>(71) ABUNDIA BIOMASS-TO-LIQUIDS LIMITED (11) AU-A-2021411772 (21) 2021411772 (22) 31.12.2021 (54) CONVERTING BIOMASS TO DIESEL (51) Int. Cl. C10G 3/00 (2006.01) C10B 53/02 (2006.01) C10B 57/16 (2006.01) (87) WO2022/144554 (31) 2020913.6 (32) 31.12.20 (33) GB (43) 07.07.2022 (72) ATKINS, Martin (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD</p>	<p>(71) AGILENT TECHNOLOGIES, INC. (11) AU-A-2021398869 (21) 2021398869 (22) 27.10.2021 (54) SPECTRAL DATA PROCESSING FOR CHEMICAL ANALYSIS (51) Int. Cl. G01N 21/71 (2006.01) (87) WO2022/127391 (31) 32020022285.1 (32) 17.12.20 (33) HK (43) 23.06.2022 (72) KING, Tamas Ross Taldon (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) ALFRED KÄRCHER SE & CO. KG (11) AU-A-2022210268 (21) 2022210268 (22) 11.01.2022 (54) LIQUID DISPENSING DEVICE FOR A HIGH-PRESSURE CLEANING DEVICE, AND METHOD FOR CONTROLLING A HIGH-PRESSURE CLEANING DEVICE USING A LIQUID DISPENSING DEVICE (51) Int. Cl. B08B 3/02 (2006.01) B05B 12/12 (2006.01) B05B 9/01 (2006.01) (87) WO2022/157040 (31) 10 2021 101 033.0 (32) 19.01.21 (33) DE (43) 28.07.2022 (72) KUTZ, Benjamin; SOBOTTA, Lukas (74) Griffith Hack</p>
<p>(71) ABUNDIA BIOMASS-TO-LIQUIDS LIMITED (11) AU-A-2021412412 (21) 2021412412 (22) 31.12.2021 (54) CONVERTING BIOMASS TO GASOLINE</p>	<p>(71) ALAKAI TECHNOLOGIES CORPORATION (11) AU-A-2022206653 (21) 2022206653 (22) 04.01.2022 (54) METHOD AND SYSTEM FOR AN OFF-GRID VARIABLE STATE HYDROGEN REFUELING INFRASTRUCTURE</p>	<p>(71) ALPHATEC SPINE, INC. (11) AU-A-2022233452 (21) 2022233452 (22) 10.03.2022 (54) STIMULATION SYSTEM (51) Int. Cl.</p>

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

- A61N 1/36** (2006.01)
A61B 5/00 (2006.01)
A61B 5/316 (2021.01)
(87) WO2022/192569
(31) 63/160,605 **(32)** 12.03.21 **(33)** US
(43) 15.09.2022
(72) CLEVELAND, Daniel, Milton; JOHNS, Gregg; SNOW, Robert, Gerard; O'BRIEN, Richard, Arthur
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** ALTECO MEDICAL AB
(11) AU-A-2021386427
(21) 2021386427 **(22)** 30.11.2021
(54) DEVICE FOR BINDING AND SEPARATION OF AT LEAST ONE COMPONENT FROM A BODY FLUID
(51) Int. Cl.
A61M 1/36 (2006.01)
B01J 20/00 (2006.01)
(87) WO2022/112603
(31) 2051395-8 **(32)** 30.11.20 **(33)** SE
(43) 02.06.2022
(72) LJUNGGREN, Lennart Wilhelm
(74) Davies Collison Cave Pty Ltd
-
- (71)** ALZCHEM TROSTBERG GMBH
(11) AU-A-2022208153
(21) 2022208153 **(22)** 03.01.2022
(54) USE OF AN ANIMAL FEED ADDITIVE IN LOW-PROTEIN FEED FOR POULTRY
(51) Int. Cl.
A23K 20/142 (2016.01)
A23K 50/75 (2016.01)
(87) WO2022/152583
(31) 10 2021 100 383.0 **(32)** 12.01.21 **(33)** DE
(43) 21.07.2022
(72) SANS, Jürgen; ALBER, Robert
(74) Davies Collison Cave Pty Ltd
-
- (71)** AMGEN INC.
(11) AU-A-2022204978
(21) 2022204978 **(22)** 03.01.2022
(54) INTELLIGENT MITIGATION OR PREVENTION OF EQUIPMENT PERFORMANCE DEFICIENCIES
(51) Int. Cl.
G05B 23/02 (2006.01)
(87) WO2022/147489
(31) 63/133,554 **(32)** 04.01.21 **(33)** US
(43) 07.07.2022
(72) ALKHALIFA, Saleh; VAGLE, Daniel; GARVIN, Christopher, John
(74) Spruson & Ferguson
-
- (71)** ARMS S.R.L.
(11) AU-A-2021392002
(21) 2021392002 **(22)** 03.12.2021
(54) AUTOMATED SYSTEM FOR THE CONNECTION AND/OR DISCONNECTION OF THE POWER SUPPLY AND/OR DATA CONNECTOR FOR REFRIGERATED CONTAINERS
(51) Int. Cl.
B60L 53/35 (2019.01)
-
- F25D 29/00** (2006.01)
(87) WO2022/118267
(31) 10202000030047 **(32)** 04.12.20 **(33)** IT
 10202000030053 04.12.20 IT
(43) 09.06.2022
(72) CURLETTO, Pierluigi; MINOPOLI, Vincenzo; LAMPIS, Lorenzo; MAPELLI, Giovanni
(74) Griffith Hack
-
- (71)** ARRIS ENTERPRISES LLC
(11) AU-A-2022212301
(21) 2022212301 **(22)** 01.02.2022
(54) ADAPTIVE VIDEO SLEW RATE FOR VIDEO DELIVERY
(51) Int. Cl.
H04J 3/06 (2006.01)
H04N 21/238 (2011.01)
H04N 21/43 (2011.01)
(87) WO2022/165425
(31) 63/144,367 **(32)** 01.02.21 **(33)** US
(43) 04.08.2022
(72) GARVEY, Kevin; TUFFY, Damien; DUNNING, Stephen Graham; NEUGEBOREN, Yair; LOONEY, Humphrey; HARRISON, Christopher T.
(74) Davies Collison Cave Pty Ltd
-
- (71)** ASCENDANCE FLIGHT TECHNOLOGIES
(11) AU-A-2022205787
(21) 2022205787 **(22)** 04.01.2022
(54) AIRCRAFT HAVING A HYBRID POWER SOURCE
(51) Int. Cl.
B60K 6/46 (2007.10)
B60W 20/10 (2016.01)
B60W 30/188 (2012.01)
B64C 29/00 (2006.01)
B64D 27/24 (2006.01)
H02J 1/08 (2006.01)
H02J 1/10 (2006.01)
H02J 7/14 (2006.01)
(87) WO2022/148926
(31) FR2100099 **(32)** 06.01.21 **(33)** FR
(43) 14.07.2022
(72) DINEL, Clément; FERRAN, Benoît
(74) AJ PARK
-
- (71)** ASSA ABLOY AB
(11) AU-A-2021413662
(21) 2021413662 **(22)** 14.09.2021
(54) INTELLIGENT ARRANGEMENT OF UNLOCK NOTIFICATIONS
(51) Int. Cl.
G07C 9/00 (2020.01)
G06F 3/048 (2013.01)
G06F 21/44 (2013.01)
H04L 9/32 (2006.01)
(87) WO2022/144099
(31) 63/132,942 **(32)** 31.12.20 **(33)** US
(43) 07.07.2022
(72) MUKHA, Matvey
(74) Davies Collison Cave Pty Ltd
-
- (71)** ASSA ABLOY AB
(11) AU-A-2021414980
-
- (21)** 2021414980 **(22)** 14.09.2021
(54) PHYSICAL ACCESS CONTROL SYSTEM WITH SECURE RELAY
(51) Int. Cl.
G07C 9/00 (2020.01)
G07C 9/20 (2020.01)
G07C 9/29 (2020.01)
(87) WO2022/144100
(31) 63/132,947 **(32)** 31.12.20 **(33)** US
(43) 07.07.2022
(72) MUKHA, Matvey
(74) Davies Collison Cave Pty Ltd
-
- (71)** ASSOCIAÇÃO CECOLAB - COLLABORATIVE LABORATORY TOWARDS CIRCULAR ECONOMY; ASSOCIAÇÃO BLC3 - CAMPUS DE TECNOLOGIA E INOVAÇÃO
(11) AU-A-2021411080
(21) 2021411080 **(22)** 28.12.2021
(54) MASONRY SYSTEM
(51) Int. Cl.
E04C 1/41 (2006.01)
E04B 2/18 (2006.01)
E04B 2/02 (2006.01)
(87) WO2022/144772
(31) 116979 **(32)** 29.12.20 **(33)** PT
(43) 07.07.2022
(72) DOS SANTOS ALMEIDA NUNES, João Miguel; NUNES PEREIRA CID TELES, João Manuel; BARCELÓ CALDEIRA PINTO PAIVA, Jorge Almiro
(74) FB Rice Pty Ltd
-
- (71)** AWL IN IP PTY LTD
(11) AU-A-2021403890
(21) 2021403890 **(22)** 14.12.2021
(54) A DRINKS CONTAINER
(51) Int. Cl.
A47G 19/22 (2006.01)
A45F 3/16 (2006.01)
B65D 39/08 (2006.01)
B65D 43/02 (2006.01)
B65D 47/06 (2006.01)
B65D 47/20 (2006.01)
(87) WO2022/126182
(31) 2020904654 **(32)** 14.12.20 **(33)** AU
 2021107447 25.08.21 AU
(43) 23.06.2022
(72) KEARNEY, Michael; WALL, Alexander; PRICE, Reid
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71)** AXSOME THERAPEUTICS, INC.
(11) AU-A-2021414212
(21) 2021414212 **(22)** 29.12.2021
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM
(51) Int. Cl.
A61K 31/5415 (2006.01)
A61K 9/00 (2006.01)
A61K 31/4196 (2006.01)
A61K 47/02 (2006.01)
A61K 47/40 (2006.01)
A61P 25/06 (2006.01)
(87) WO2022/147155
(31) 63/133,125 **(32)** 31.12.20 **(33)** US

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

- (43) 07.07.2022
 (72) TABUTEAU, Herriot
 (74) RnB IP
-
- (71) BAE SYSTEMS PLC
 (11) AU-A-2021416302
 (21) 2021416302 (22) 16.12.2021
 (54) AIRCRAFT UNDERCARRIAGE
 (51) Int. Cl.
B64C 25/08 (2006.01)
B64C 25/24 (2006.01)
B64C 25/40 (2006.01)
B64C 39/02 (2023.01)
B64F 1/10 (2006.01)
 (87) WO2022/144537
 (31) 2100022.9 (32) 04.01.21 (33) GB
 (43) 07.07.2022
 (72) LUXMOORE, Benjamin, Fairfax;
 GRUNDY, Jacob, Joseph; MCDON-
 ALD, Paul, Robert; TYLER, David, Paul
 (74) Spruson & Ferguson
-
- (71) BARBEAU, P.; GIRAD, L.; BERGER-
 ON, D.; HARDY, G.
 (11) AU-A-2021394480
 (21) 2021394480 (22) 08.12.2021
 (54) POLYPROPYLENE AND POLYTETRA-
 FLUOROETHYLENE COMBINATION
 FACE MASK
 (51) Int. Cl.
A41D 13/11 (2006.01)
A62D 5/00 (2006.01)
B01D 46/02 (2006.01)
B01D 46/54 (2006.01)
B32B 3/06 (2006.01)
B32B 27/08 (2006.01)
B32B 27/32 (2006.01)
 (87) WO2022/120482
 (31) 63/122,759 (32) 08.12.20 (33) US
 (43) 16.06.2022
 (72) BARBEAU, Patrice; GIRAD, Luc; BER-
 GERON, Dany; HARDY, Geneviève
 (74) AJ PARK
-
- (71) BARD ACCESS SYSTEMS, INC.
 (11) AU-A-2021410717
 (21) 2021410717 (22) 21.12.2021
 (54) OPTIMIZED STRUCTURAL SUPPORT
 IN CATHETER INSERTION SYSTEMS
 (51) Int. Cl.
A61M 25/01 (2006.01)
A61M 25/06 (2006.01)
 (87) WO2022/140429
 (31) 63/128,694 (32) 21.12.20 (33) US
 (43) 30.06.2022
 (72) SPATARO, Joe; MCKINNON, Austin J.
 (74) FB Rice Pty Ltd
-
- (71) BASF COATINGS GMBH
 (11) AU-A-2022206549
 (21) 2022206549 (22) 06.01.2022
 (54) A WATERBORNE POLYURETH-
 ANE-EPOXY RESIN BASED PRIMER
 COMPOSITION AND ITS PREPARA-
 TION METHOD THEREOF
 (51) Int. Cl.
C08G 18/54 (2006.01)
- C08G 18/58* (2006.01)
C08G 18/67 (2006.01)
C08G 18/79 (2006.01)
C09D 175/04 (2006.01)
 (87) WO2022/148805
 (31) PCT/ (32) 11.01.21 (33) CN
 CN2021/071087
 (43) 14.07.2022
 (72) ZHANG, Yu Bo; CONG, Pei Hai; DE-
 LESPIERRE, Benjamin; ZHOU, Qi Yun
 (74) Griffith Hack
-
- (71) BASF SE
 (11) AU-A-2021418796
 (21) 2021418796 (22) 22.12.2021
 (54) METHOD FOR FLOTATION OF A
 SILICATE-CONTAINING IRON ORE
 (51) Int. Cl.
B03D 1/008 (2006.01)
B03D 1/01 (2006.01)
B03D 1/016 (2006.01)
 (87) WO2022/152538
 (31) 21151244.7 (32) 12.01.21 (33) EP
 (43) 21.07.2022
 (72) BUDEMBERG, Gabriela; MICHAÏL-
 OVSKI, Alexej; SOARES BRAGA, An-
 dre; SOBOTKA, Bettina; MASI NETO,
 Dorival De; BAUER, Frederic
 (74) Griffith Hack
-
- (71) BASF SE
 (11) AU-A-2022206060
 (21) 2022206060 (22) 03.01.2022
 (54) STABILIZING A SHAPED POLY-
 MER ARTICLE AGAINST DEGRADA-
 TION INDUCED BY ARTIFICIAL UV-C
 LIGHT
 (51) Int. Cl.
C08K 3/22 (2006.01)
C08K 5/00 (2006.01)
C08K 5/101 (2006.01)
C08K 5/132 (2006.01)
C08K 5/20 (2006.01)
C08K 5/29 (2006.01)
C08K 5/3437 (2006.01)
C08K 5/3475 (2006.01)
C08K 5/3492 (2006.01)
 (87) WO2022/148727
 (31) 21150245.5 (32) 05.01.21 (33) EP
 (43) 14.07.2022
 (72) HUBER, Gregor; HERBST, Heinz
 (74) Griffith Hack
-
- (71) BAYER AKTIENGESELLSCHAFT;
 BAYER AS
 (11) AU-A-2022210371
 (21) 2022210371 (22) 17.01.2022
 (54) LRR15 ANTIBODIES AND CONJUG-
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 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2022/157094
 (31) 21152886.4 (32) 22.01.21 (33) EP
 (43) 28.07.2022
 (72) TRAUTWEIN, Mark; HAGEMANN, Urs
 Beat; ELLINGER, Philipp; MÄRSCH,
 Stephan; SCHUHMACHER, Joachim;
-
- WENGNER, Antje Margret; BJERKE,
 Roger Malerbakken; ROIDER, Helge
 (74) Davies Collison Cave Pty Ltd
-
- (71) BAYER HEALTHCARE LLC
 (11) AU-A-2022213313
 (21) 2022213313 (22) 26.01.2022
 (54) SYSTEM, METHOD, AND COM-
 PUTER PROGRAM PRODUCT FOR
 PROTOCOL CONVERSION
 (51) Int. Cl.
G16H 20/17 (2018.01)
 (87) WO2022/164831
 (31) 63/143,297 (32) 29.01.21 (33) US
 (43) 04.08.2022
 (72) KEMPER, Corey; VOLKAR, John
 (74) Davies Collison Cave Pty Ltd
-
- (71) BECTON, DICKINSON AND COM-
 PANY
 (11) AU-A-2021411501
 (21) 2021411501 (22) 28.12.2021
 (54) DISCRETE DOSE CONTROL AND
 OVERDOSE PREVENTION MECHAN-
 ISM
 (51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/315 (2006.01)
 (87) WO2022/147053
 (31) 63/133,771 (32) 04.01.21 (33) US
 (43) 07.07.2022
 (72) KAMRAVA, Soroush
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COM-
 PANY
 (11) AU-A-2021416179
 (21) 2021416179 (22) 28.12.2021
 (54) BALL JOINT-STYLE, NON-FIXED
 COUPLING BETWEEN A PUSHER
 PLATE AND PLUNGER IN A SYRINGE
 BARREL
 (51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/315 (2006.01)
A61M 5/31 (2006.01)
 (87) WO2022/147054
 (31) 63/133,764 (32) 04.01.21 (33) US
 (43) 07.07.2022
 (72) PIZZOCHERO, Alessandro; WOOD,
 Mark; ANDERSON, Nicholas
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COM-
 PANY
 (11) AU-A-2021421094
 (21) 2021421094 (22) 30.12.2021
 (54) CATHETER ASSEMBLY HOUSING
 AND RELATED DEVICES
 (51) Int. Cl.
A61M 25/06 (2006.01)
A61M 25/00 (2006.01)
 (87) WO2022/159239
 (31) 63/139,668 (32) 20.01.21 (33) US
 17/565,192 29.12.21 US

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

- (43) 28.07.2022
 (72) BALAMURUGAN, Mukilan; SELVAM, Abinesh
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2021422317
 (21) 2021422317 (22) 30.12.2021
 (54) VALVE RETAINER RING AND RELATED SYSTEMS AND METHODS
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
 (87) WO2022/159238
 (31) 63/139,640 (32) 20.01.21 (33) US
 17/565,189 29.12.21 US
 (43) 28.07.2022
 (72) NATESAN, Mohankumar
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022205279
 (21) 2022205279 (22) 05.01.2022
 (54) NEEDLE HUB FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61M 25/06 (2006.01)
A61M 5/31 (2006.01)
A61M 5/32 (2006.01)
A61M 25/00 (2006.01)
A61M 25/01 (2006.01)
 (87) WO2022/150319
 (31) 63/134,054 (32) 05.01.21 (33) US
 (43) 14.07.2022
 (72) COLEMAN, David, James; BEGUIN, Steve; LE GAL REDON, Patrick; PLEVNIK, Marko; LYELL, Nathan
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022205592
 (21) 2022205592 (22) 05.01.2022
 (54) DRUG DELIVERY DEVICE WITH NEEDLE HUB
 (51) Int. Cl.
A61M 5/158 (2006.01)
A61M 5/00 (2006.01)
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 25/01 (2006.01)
 (87) WO2022/150321
 (31) 63/134,054 (32) 05.01.21 (33) US
 (43) 14.07.2022
 (72) LE GAL REDON, Patrick; BEGUIN, Steve; PLEVNIK, Marko; LYELL, Nathan; CHENEL, Etienne, Jean-Baptiste Louis; MARSH, William, Geoffrey Arthur; BOYD, Malcolm, Stanley; ARMSTRONG, Zoe, Georgina
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022206194
 (21) 2022206194 (22) 05.01.2022
 (54) NEEDLE HUB WITH PRESSURE INTERLOCK FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/154 (2006.01)
A61M 5/32 (2006.01)
A61M 5/34 (2006.01)
 (87) WO2022/150320
 (31) 63/134,054 (32) 05.01.21 (33) US
 (43) 14.07.2022
 (72) BEGUIN, Steve; LE GAL REDON, Patrick; COLEMAN, David, James; ABOUD, Danielle; MCGRATH, Sean; PLEVNIK, Marko; LYELL, Nathan; LESTER, Harry, Robert
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022206656
 (21) 2022206656 (22) 05.01.2022
 (54) NEEDLE HUB FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61M 5/20 (2006.01)
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022205919
 (21) 2022205919 (22) 05.01.2022
 (54) NEEDLE HUB AND APPLICATOR FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61M 5/32 (2006.01)
A61M 5/34 (2006.01)
A61M 25/18 (2006.01)
 (87) WO2022/150318
 (31) 63/134,054 (32) 05.01.21 (33) US
 (43) 14.07.2022
 (72) BEGUIN, Steve; COLEMAN, David, James; LE GAL REDON, Patrick; PLEVNIK, Marko; LYELL, Nathan
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022205950
 (21) 2022205950 (22) 07.01.2022
 (54) PROBE DELIVERY DEVICE TO FACILITATE ADVANCEMENT OF A PROBE WITHIN AN INTRAVENOUS CATHETER
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/01 (2006.01)
A61M 25/08 (2006.01)
A61M 25/09 (2006.01)
 (87) WO2022/150533
 (31) 63/135,393 (32) 08.01.21 (33) US
 (43) 14.07.2022
 (72) HARDING, Weston, F.; BURKHOLZ, Jonathan, Karl; BLANCHARD, Curtis, H.; SCHERICH, Megan
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022206194
 (21) 2022206194 (22) 05.01.2022
 (54) NEEDLE HUB WITH PRESSURE INTERLOCK FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/154 (2006.01)
A61M 5/32 (2006.01)
A61M 5/34 (2006.01)
 (87) WO2022/150320
 (31) 63/134,054 (32) 05.01.21 (33) US
 (43) 14.07.2022
 (72) BEGUIN, Steve; LE GAL REDON, Patrick; COLEMAN, David, James; ABOUD, Danielle; MCGRATH, Sean; PLEVNIK, Marko; LYELL, Nathan; LESTER, Harry, Robert
 (74) FB Rice Pty Ltd
-
- (71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2022206656
 (21) 2022206656 (22) 05.01.2022
 (54) NEEDLE HUB FOR DRUG DELIVERY DEVICE
 (51) Int. Cl.
A61M 5/20 (2006.01)
-
- A61M 5/158* (2006.01)
A61M 5/162 (2006.01)
A61M 5/315 (2006.01)
 (87) WO2022/150317
 (31) 63/134,054 (32) 05.01.21 (33) US
 (43) 14.07.2022
 (72) BEGUIN, Steve; COLEMAN, David, James; LE GAL REDON, Patrick; PLEVNIK, Marko; LYELL, Nathan
 (74) FB Rice Pty Ltd
-
- (71) BEIERSDORF AG
 (11) AU-A-2022216364
 (21) 2022216364 (22) 12.01.2022
 (54) BIO-BASED WOUND CLOSURE PREPARATION
 (51) Int. Cl.
A61L 26/00 (2006.01)
A61K 8/73 (2006.01)
A61K 31/21 (2006.01)
A61K 47/38 (2006.01)
 (87) WO2022/167183
 (31) 10 2021 200 975.1 (32) 03.02.21 (33) DE
 (43) 11.08.2022
 (72) OSORIO BLANCO, Ernesto Rafael; SCHRÖDER, Sara
 (74) Spruson & Ferguson
-
- (71) BEIJING DONGFANG BIOTECH CO., LTD; BEIJING JINGYITAI XIANG TECHNOLOGY DEVELOPMENT CO. LTD.
 (11) AU-A-2021398061
 (21) 2021398061 (22) 29.11.2021
 (54) ANTI-LAG-3 MONOCLONAL ANTIBODY, AND ANTIGEN-BINDING FRAGMENT AND APPLICATION THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/85 (2006.01)
 (87) WO2022/121720
 (31) 202011436581.5 (32) 10.12.20 (33) CN
 (43) 16.06.2022
 (72) BAI, Yi; ZHOU, Junjie; LIU, Si
 (74) Spruson & Ferguson
-
- (71) BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD.
 (11) AU-A-2021394102
 (21) 2021394102 (22) 08.06.2021
 (54) METHOD FOR CONTROLLING PERMANENT MAGNET MOTOR AND CONTROL DEVICE
 (51) Int. Cl.
H02P 21/14 (2016.01)
H02P 9/44 (2006.01)
H02P 21/22 (2016.01)
H02P 21/24 (2016.01)
 (87) WO2022/121261
 (31) 202011445072.9 (32) 08.12.20 (33) CN
 (43) 16.06.2022
 (72) WANG, Jinpeng
 (74) Madders Pty Ltd

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

-
- (71) BEIJING GOLDWIND SCIENCE & CREATION WINDPOWER EQUIPMENT CO., LTD.
 (11) AU-A-2021415086
 (21) 2021415086 (22) 30.06.2021
 (54) BLADE FAULT DIAGNOSIS METHOD, APPARATUS AND SYSTEM, AND STORAGE MEDIUM
 (51) Int. Cl.
G01M 13/00 (2019.01)
 (87) WO2022/142213
 (31) 202011622722.2 (32) 30.12.20 (33) CN
 (43) 07.07.2022
 (72) ZHAO, Yong; LI, Xinle; NIU, Xinyuan
 (74) Madderns Pty Ltd
-
- (71) BEIJING HANMI PHARMACEUTICAL CO., LTD.
 (11) AU-A-2022206035
 (21) 2022206035 (22) 07.01.2022
 (54) ANTI-PD-L1/ANTI-4-1BB NATURAL ANTIBODY STRUCTURE-LIKE HETERODIMERIC FORM BISPECIFIC ANTIBODY AND PREPARATION THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
 (87) WO2022/148410
 (31) 202110025200.2 (32) 08.01.21 (33) CN
 (43) 14.07.2022
 (72) LIU, Jiawang; YANG, Yaping; ZHAO, Siqi; LIU, Yang; SONG, Nanmeng; FAN, Fei; SU, Kaixuan; ZHANG, Lanxin; WANG, Jing; XU, Jiangcheng; LEE, Kyoung Woo
 (74) Halfords IP
-
- (71) BEIJING MABWORKS BIOTECH CO., LTD
 (11) AU-A-2021434937
 (21) 2021434937 (22) 30.08.2021
 (54) ANTIBODIES BINDING PD-L1 AND USES THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 27/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2022/193561
 (31) 202110284404.8 (32) 16.03.21 (33) CN
 (43) 22.09.2022
 (72) LI, Jiangmei; HU, Wenqi; LI, Feng
 (74) Davies Collison Cave Pty Ltd
-
- (71) BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
 (11) AU-A-2021407925
 (21) 2021407925 (22) 24.11.2021
 (54) SIMULATED PHOTOGRAPHING SPECIAL EFFECT GENERATION METHOD AND APPARATUS, DEVICE, AND MEDIUM
 (51) Int. Cl.
G06F 9/455 (2018.01)
G06F 3/0484 (2022.01)
H04N 5/262 (2006.01)
 (87) WO2022/135001
 (31) 202011522506.0 (32) 21.12.20 (33) CN
 (43) 30.06.2022
 (72) WANG, Yujia; TAO, Lu; MA, Ruifeng; GONG, Zijian; ZHAO, Chenxiang
 (74) Griffith Hack
-
- (71) BIOCON LIMITED
 (11) AU-A-2022205108
 (21) 2022205108 (22) 03.01.2022
 (54) SYNTHESIS OF TEDUGLUTIDE
 (51) Int. Cl.
A61K 38/00 (2006.01)
C07K 1/00 (2006.01)
C07K 1/04 (2006.01)
C07K 1/06 (2006.01)
C07K 14/605 (2006.01)
 (87) WO2022/144860
 (31) 202141000174 (32) 04.01.21 (33) IN
 (43) 07.07.2022
 (72) GANGA RAMU, Vasanthakumar; PATEL, Nitin; SUVARNA, Deepa Shankar
 (74) AJ Pietras IP Limited
-
- (71) BIOCORRX INC.
 (11) AU-A-2021413216
 (21) 2021413216 (22) 30.12.2021
 (54) BIODEGRADABLE IMPLANT INCLUDING NALTREXONE AND CHOLESTEROL
 (51) Int. Cl.
A61K 31/485 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
 (87) WO2022/147236
 (31) 63/132,425 (32) 30.12.20 (33) US
 63/134,089 05.01.21 US
 (43) 07.07.2022
 (72) FELIX, Lourdes; GRANIER, Brady James
 (74) Gestalt Law Pty Ltd
-
- (71) BIOLITE, INC.
 (11) AU-A-2021403197
 (21) 2021403197 (22) 09.04.2021
 (54) POLYGALA EXTRACT FOR THE TREATMENT OF ATTENTION-DEFICIT HYPERACTIVITY DISORDER
 (51) Int. Cl.
A23L 33/135 (2016.01)
A61K 35/747 (2015.01)
A61P 25/28 (2006.01)
 (87) WO2022/132214
 (31) 17/120,965 (32) 14.12.20 (33) US
 (43) 23.06.2022
 (72) WU, Hsien-Ming; DOONG, Howard; JIANG, Tsung-Shann; KING, Chi-Hsin Richard
 (74) Collison & Co
-
- (71) BIOMEDIX, S.A.; GODIN, N.
 (11) AU-A-202224692
 (21) 202224692 (22) 22.02.2022
-
- (54) METHODS AND DEVICES FOR MEDICAL IMPLANTS
 (51) Int. Cl.
A61L 27/06 (2006.01)
A61B 17/00 (2006.01)
A61F 5/00 (2006.01)
A61L 27/36 (2006.01)
A61L 27/38 (2006.01)
A61L 31/02 (2006.01)
 (87) WO2022/178555
 (31) 63/200,212 (32) 22.02.21 (33) US
 (43) 25.08.2022
 (72) GODIN, Norman
 (74) Spruson & Ferguson
-
- (71) BIONEER CORPORATION; SIRNAGEN THERAPEUTICS CORPORATION
 (11) AU-A-2022226837
 (21) 2022226837 (22) 25.02.2022
 (54) COMPOSITION FOR ALLEVIATING HAIR GRAYING, PROMOTING HAIR GROWTH AND/OR PREVENTING OR ALLEVIATING HAIR LOSS, COMPRISING DOUBLE-STRANDED MIRNA AS ACTIVE INGREDIENT
 (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 8/60 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/713 (2006.01)
A61K 47/54 (2017.01)
A61K 47/58 (2017.01)
A61K 47/60 (2017.01)
A61P 17/14 (2006.01)
 (87) WO2022/182188
 (31) 10-2021-0025554 (32) 25.02.21 (33) KR
 (43) 01.09.2022
 (72) PARK, Han-Oh; LEE, Sang-Kyu; KWON, Oh Seung; GOH, Eun-Ah
 (74) FB Rice Pty Ltd
-
- (71) BK GIULINI GMBH
 (11) AU-A-2022219474
 (21) 2022219474 (22) 09.02.2022
 (54) A PROCESS FOR PREPARING A VEGAN EDIBLE PRODUCT FROM EDIBLE NON-ANIMAL PROTEINS
 (51) Int. Cl.
A23J 3/22 (2006.01)
A23J 3/28 (2006.01)
A23L 29/231 (2016.01)
A23L 29/256 (2016.01)
A23L 29/262 (2016.01)
A23J 3/14 (2006.01)
A23J 3/20 (2006.01)
 (87) WO2022/171646
 (31) 21156341.6 (32) 10.02.21 (33) EP
 (43) 18.08.2022
 (72) SCHNEIDER, Wolfgang; GRABER, Alexander; HEYL, Andreas; SPORKA, Radovan
 (74) Griffith Hack
-
- (71) BK GIULINI GMBH
 (11) AU-A-2022220732
 (21) 2022220732 (22) 09.02.2022

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

- (54) A PROCESS FOR PREPARING A VEGAN EDIBLE PRODUCT FROM EDIBLE NON-ANIMAL PROTEINS
(51) Int. Cl.
A23J 3/22 (2006.01)
A23J 3/28 (2006.01)
A23L 29/231 (2016.01)
A23L 29/256 (2016.01)
A23L 29/262 (2016.01)
A23J 3/14 (2006.01)
A23J 3/20 (2006.01)
(87) WO2022/171647
(31) 21156346.5 (32) 10.02.21 (33) EP
(43) 18.08.2022
(72) SCHNEIDER, Wolfgang; GRABER, Alexander; HEYL, Andreas; SPORKA, Radovan; RÄNGER, Lena-Marie; GRÜTZNER, Thomas
(74) Griffith Hack
-
- (71) BLACKHAWK NETWORK, INC.
(11) AU-A-2022209708
(21) 2022209708 (22) 21.01.2022
(54) SYSTEMS AND METHODS FOR COMPLETING A REMOTE LOTTERY TICKET SALES TRANSACTION VIA RECEIVING PAYMENT AT A POINT OF SALE
(51) Int. Cl.
G06Q 50/34 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/40 (2012.01)
(87) WO2022/159682
(31) 63/140,233 (32) 21.01.21 (33) US
(43) 28.07.2022
(72) GOTLIEB, Richard A.; NEDUNGADI, Prashant; MURILLO, Melissa; KOOP, Ryan; GIUNTI, Gino; ANANTHA MOHANDAS, Vipin Das
(74) Davies Collison Cave Pty Ltd
-
- (71) BLASTONE TECHNOLOGY PTY LTD
(11) AU-A-2021390588
(21) 2021390588 (22) 02.12.2021
(54) A THRUST REDUCTION SYSTEM FOR A BLAST NOZZLE
(51) Int. Cl.
B24C 5/04 (2006.01)
B05B 1/00 (2006.01)
B24C 1/00 (2006.01)
B24C 3/12 (2006.01)
B24C 3/22 (2006.01)
B24C 3/28 (2006.01)
B24C 7/00 (2006.01)
(87) WO2022/115911
(31) 2020904468 (32) 02.12.20 (33) AU
63/120,418 02.12.20 US
2021902119 09.07.21 AU
63/220,153 09.07.21 US
(43) 09.06.2022
(72) ROWLAND, Matthew David Campbell; SEEWALD, Trevor Andrew; JAHN, Ingo Johannes Henri; SWANN, Phillip Bradley
(74) Michael Buck IP
-
- (71) BLASTONE TECHNOLOGY PTY LTD
(11) AU-A-2021390924
- (21) 2021390924 (22) 02.12.2021
(54) A SILENCER FOR A BLAST NOZZLE
(51) Int. Cl.
B24C 5/04 (2006.01)
B24C 1/00 (2006.01)
B24C 3/12 (2006.01)
B24C 3/22 (2006.01)
B24C 3/28 (2006.01)
B24C 7/00 (2006.01)
(87) WO2022/115910
(31) 2020904468 (32) 02.12.20 (33) AU
63/120,418 02.12.20 US
(43) 09.06.2022
(72) ROWLAND, Matthew David Campbell; SEEWALD, Trevor Andrew; JAHN, Ingo Johannes Henri; SWANN, Phillip Bradley
(74) Michael Buck IP
-
- (71) BLOCK, INC.
(11) AU-A-2021393396
(21) 2021393396 (22) 29.11.2021
(54) CRYPTOCURRENCY REWARDS FOR A VIRTUAL CASH CARD
(51) Int. Cl.
G06Q 20/06 (2012.01)
G06Q 20/10 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/38 (2012.01)
G06Q 30/02 (2023.01)
(87) WO2022/119768
(31) 63/120,083 (32) 01.12.20 (33) US
17/138,512 30.12.20 US
17/138,694 30.12.20 US
(43) 09.06.2022
(72) SHEN, Benjamin; CORCILLO, Rebecca; DUANE, Michael; JENNINGS, Owen
(74) FB Rice Pty Ltd
-
- (71) BOUNCE, INC.
(11) AU-A-2021413868
(21) 2021413868 (22) 30.12.2021
(54) PET TOY WITH INTERCONNECTING GROOVES AND OPEN CORE
(51) Int. Cl.
A01K 15/02 (2006.01)
A01K 15/00 (2006.01)
A63B 39/00 (2006.01)
A63B 43/00 (2006.01)
(87) WO2022/147260
(31) 17/138,590 (32) 30.12.20 (33) US
(43) 07.07.2022
(72) MARKHAM, Joseph, P.
(74) Spruson & Ferguson
-
- (71) BOSTON SCIENTIFIC SCIMED INC.
(11) AU-A-202223771
(21) 202223771 (22) 18.02.2022
(54) MODULAR MEDICAL DEVICES AND METHODS OF USING THE SAME
(51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/005 (2006.01)
(87) WO2022/178306
(31) 63/151,336 (32) 19.02.21 (33) US
(43) 25.08.2022
(72) ALHADEFF, Daniel, Davis; BUNTEN, Aurora; CUSATO, Evan; HWANG, Rachel; YOUNG, Harrison
(74) Spruson & Ferguson
-
- (71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(11) AU-A-2021391499
(21) 2021391499 (22) 30.11.2021
(54) ADMINISTRATION DEVICE FOR IN PARTICULAR INTRAVITREAL ADMINISTRATION OF A FLUID
(51) Int. Cl.
A61M 5/178 (2006.01)
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
(87) WO2022/117556
(31) 20211106.8 (32) 01.12.20 (33) EP
-
- (71) BOLDER SURGICAL, LLC
(11) AU-A-2022213445
(21) 2022213445 (22) 01.02.2022
(54) E-CUT SEALER-DIVIDER
(51) Int. Cl.
A61B 18/08 (2006.01)
A61B 18/12 (2006.01)
(87) WO2022/165444
(31) 63/144,055 (32) 01.02.21 (33) US
(43) 04.08.2022
(72) SCHMALTZ, Dale; HART, Keir; HUANG, Miao; KENNEDY, Jenifer; KRAMER, Dodge; ROSS, David; WARD, Arlen
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) BRC ENGINEERING AG
(11) AU-A-2022212344
(21) 2022212344 (22) 13.01.2022
(54) MILLING HEAD FOR MACHINING PILE HEADS
(51) Int. Cl.
E02D 5/64 (2006.01)
B28D 1/18 (2006.01)
E02D 9/00 (2006.01)
E02D 37/00 (2006.01)
E02D 5/00 (2006.01)
(87) WO2022/161782

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

- (31) 21154111.5 (32) 28.01.21 (33) EP
(43) 04.08.2022
(72) PORTMANN, Alois
(74) Madderns Pty Ltd
-
- (71) BRII BIOSCIENCES, INC.
(11) AU-A-2022211056
(21) 2022211056 (22) 25.01.2022
(54) COMBINATION THERAPY FOR HIV WITH ADENOSINE DERIVATIVE AND CAPSID INHIBITORS
(51) Int. Cl.
A61K 31/7076 (2006.01)
A61P 31/18 (2006.01)
C07H 19/16 (2006.01)
C07H 19/173 (2006.01)
(87) WO2022/159877
(31) 63/141,445 (32) 25.01.21 (33) US
(43) 28.07.2022
(72) XU, Lianhong; HONG, Zhi
(74) RnB IP
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2021411028
(21) 2021411028 (22) 29.12.2021
(54) STEERING ANGLE LIMITING MECHANISM, AND VEHICLE STEERING SYSTEM AND VEHICLE HAVING SAME
(51) Int. Cl.
B62D 1/16 (2006.01)
(87) WO2022/143804
(31) 202011627883.0 (32) 30.12.20 (33) CN
(43) 07.07.2022
(72) ZHANG, Peng
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2021411029
(21) 2021411029 (22) 29.12.2021
(54) VEHICLE STEERING SYSTEM, AND VEHICLE HAVING SAME
(51) Int. Cl.
B62D 1/181 (2006.01)
(87) WO2022/143807
(31) 202011627843.6 (32) 30.12.20 (33) CN
(43) 07.07.2022
(72) ZHANG, Peng
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2021413465
(21) 2021413465 (22) 29.12.2021
(54) CLUTCH APPARATUS, VEHICLE STEERING SYSTEM, AND VEHICLE
(51) Int. Cl.
B62D 3/02 (2006.01)
F16D 11/04 (2006.01)
(87) WO2022/143806
(31) 202011630575.3 (32) 30.12.20 (33) CN
202011630591.2 30.12.20 CN
(43) 07.07.2022
(72) ZHANG, Peng
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2021416210
(21) 2021416210 (22) 29.12.2021
(54) VEHICLE STEERING SYSTEM, AND VEHICLE HAVING SAME
(51) Int. Cl.
B62D 5/00 (2006.01)
B62D 1/22 (2006.01)
B62D 6/00 (2006.01)
B62D 15/02 (2006.01)
B62D 113/00 (2006.01)
B62D 119/00 (2006.01)
(87) WO2022/143805
(31) 202023351625.2 (32) 30.12.20 (33) CN
202011630594.6 30.12.20 CN
(43) 07.07.2022
(72) ZHANG, Peng
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2021438605
(21) 2021438605 (22) 19.10.2021
(54) CONTROL METHOD OF ELECTRIC DRIVE SYSTEM OF VEHICLE, ELECTRIC DRIVE SYSTEM, AND VEHICLE
(51) Int. Cl.
B60L 15/20 (2006.01)
(87) WO2022/205836
(31) 202110351040.0 (32) 31.03.21 (33) CN
(43) 06.10.2022
(72) LING, Heping; PAN, Hua; ZHANG, Yuxin; QIU, Guowei; HONG, Chen
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2022228272
(21) 2022228272 (22) 21.01.2022
(54) ENGINE AND VEHICLE WITH ENGINE
(51) Int. Cl.
F02B 31/04 (2006.01)
(87) WO2022/183868
(31) 202110226757.2 (32) 01.03.21 (33) CN
(43) 09.09.2022
(72) WANG, Qiang; ZHANG, Nan; PAN, Shiyi; ZHANG, Shuguang; GUO, Peng
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2022229339
(21) 2022229339 (22) 19.01.2022
(54) ENGINE AND VEHICLE
(51) Int. Cl.
F02F 1/40 (2006.01)
(87) WO2022/183861
(31) 202110227871.7 (32) 01.03.21 (33) CN
(43) 09.09.2022
(72) LIU, Mingliang; ZHANG, Nan; PAN, Shiyi; HAO, Shengjie; YUAN, Bingbing
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2022231228
(21) 2022231228 (22) 28.02.2022
(54) VEHICLE AND ENGINE THEREOF
(51) Int. Cl.
F01P 3/02 (2006.01)
F01N 5/02 (2006.01)
-
- F01P 7/16 (2006.01)
F02N 19/10 (2010.01)
(87) WO2022/184021
(31) 202110227888.2 (32) 01.03.21 (33) CN
(43) 09.09.2022
(72) LIU, Jing; ZHANG, Nan; PAN, Shiyi; MENG, Fanchao; LIU, Mingliang
(74) MINTER ELLISON
-
- (71) BYD COMPANY LIMITED
(11) AU-A-2022248319
(21) 2022248319 (22) 30.03.2022
(54) MOTOR SYSTEM AND VEHICLE HAVING SAME
(51) Int. Cl.
H02K 9/19 (2006.01)
B60K 1/00 (2006.01)
B60K 11/02 (2006.01)
F16H 57/04 (2010.01)
H02K 7/116 (2006.01)
(87) WO2022/206804
(31) 202110351329.2 (32) 31.03.21 (33) CN
(43) 06.10.2022
(72) LIAN, Yubo; LING, Heping; ZHAI, Zhen; ZHAO, Linlin; LIU, Linna
(74) MINTER ELLISON
-
- (71) CAMBRIDGE COGNITION LIMITED
(11) AU-A-2022208429
(21) 2022208429 (22) 17.01.2022
(54) METHODS AND SYSTEMS OF IDENTIFYING INDIVIDUALS FOR PERIOPERATIVE NEUROCOGNITIVE DISORDER AND/OR POST-VIRAL COGNITIVE IMPAIRMENT
(51) Int. Cl.
G01N 33/68 (2006.01)
A61K 31/185 (2006.01)
(87) WO2022/152912
(31) 63/137,802 (32) 15.01.21 (33) US
(43) 21.07.2022
(72) KILBY, Kiri Granger; BURWELL, Jennifer Barnett
(74) Blue Penguin IP Ltd
-
- (71) CAPITAL ONE SERVICES, LLC
(11) AU-A-2021411431
(21) 2021411431 (22) 15.12.2021
(54) TECHNIQUES TO PROCESS TRANSACTIONS WITH A CONTACTLESS CARD BASED ON ONE OR MORE CONFIGURATIONS OF THE CONTACTLESS CARD
(51) Int. Cl.
G06Q 20/10 (2012.01)
G06Q 20/18 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
(87) WO2022/146687
(31) 17/140,901 (32) 04.01.21 (33) US
(43) 07.07.2022
(72) HART, Colin; RULE, Jeffrey; CODY, Lea; NEWMAN, Kaitlin
(74) GLMR

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

(71) CAPITAL ONE SERVICES, LLC
 (11) AU-A-2021415999
 (21) 2021415999 (22) 14.12.2021
 (54) SECURE GENERATION OF ONE-TIME PASSCODES USING A CONTACTLESS CARD
 (51) Int. Cl.
H04L 67/02 (2022.01)
 (87) WO2022/146672
 (31) 17/140,698 (32) 04.01.21 (33) US
 (43) 07.07.2022
 (72) JI, Jason; RULE, Jeffrey; HART, Colin; LUTZ, Wayne
 (74) GLMR

(71) CARDIO THERAPEUTICS PTY LTD
 (11) AU-A-2021407529
 (21) 2021407529 (22) 21.12.2021
 (54) HETEROCYCLIC INHIBITORS OF PCSK9
 (51) Int. Cl.
C07D 401/10 (2006.01)
A61K 31/40 (2006.01)
A61K 31/4545 (2006.01)
A61P 9/10 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/10 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07F 5/02 (2006.01)
 (87) WO2022/133529
 (31) 2020904774 (32) 21.12.20 (33) AU
 (43) 30.06.2022
 (72) COGHLAN, Phillip Albert; SUCHOW-ERSKA, Alexandra Kalyna; PALMER, James T; BONNAR, James Anthony; EVISON, Benny
 (74) FPA Patent Attorneys Pty Ltd

(71) CAREFUSION 303, INC.
 (11) AU-A-2022209194
 (21) 2022209194 (22) 11.01.2022
 (54) SYSTEM AND METHOD FOR REDUCED INFUSION ADMINISTRATION LINE ERROR
 (51) Int. Cl.
G16H 20/17 (2018.01)
A61M 5/142 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
G16H 40/60 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
 (87) WO2022/155157
 (31) 63/136,609 (32) 12.01.21 (33) US
 (43) 21.07.2022
 (72) WORKMAN, Michael K.; DIGGETT, Lisa; KNIGHT, Claire Ellen; COLLINS, Laura Ann
 (74) FB Rice Pty Ltd

(71) CELLANOME, INC.
 (11) AU-A-2022205377
 (21) 2022205377 (22) 07.01.2022

(54) DEVICES AND METHODS FOR ANALYZING BIOLOGICAL SAMPLES
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12Q 1/48 (2006.01)
C12Q 1/66 (2006.01)
C12Q 1/6804 (2018.01)
 (87) WO2022/150659
 (31) 63/135,463 (32) 08.01.21 (33) US
 63/253,500 07.10.21 US
 (43) 14.07.2022
 (72) KHURANA, Tarun Kumar; AGAH, Ali; WU, Yir-Shyuan; YASAR, Filiz Gorpe
 (74) Spruson & Ferguson

(71) CHEP TECHNOLOGY PTY LIMITED
 (11) AU-A-2022218864
 (21) 2022218864 (22) 09.02.2022
 (54) STACKABLE QUARTER-SIZE PLASTIC PLATFORM AND ASSOCIATED METHODS
 (51) Int. Cl.
B65D 19/00 (2006.01)
B65D 19/04 (2006.01)
B65D 19/06 (2006.01)
B65D 19/24 (2006.01)
B65D 19/38 (2006.01)
B65D 19/40 (2006.01)
 (87) WO2022/174222
 (31) 63/147,864 (32) 10.02.21 (33) US
 17/650,259 08.02.22 US
 (43) 18.08.2022
 (72) DAUBENSPECK, Bradley Wayne; SANKAR, Nigel
 (74) Spruson & Ferguson

(71) CHR. HANSEN HMO GMBH
 (11) AU-A-2020483278
 (21) 2020483278 (22) 22.12.2020
 (54) SIALYLTRANSFERASES FOR THE PRODUCTION OF 6'-SIALYLLACTOSE
 (51) Int. Cl.
A23C 9/13 (2006.01)
C07K 14/00 (2006.01)
C12N 9/10 (2006.01)
C12P 19/18 (2006.01)
 (87) WO2022/135700
 (43) 30.06.2022
 (72) JENNEWEIN, Stefan; WARTENBERG, Dirk
 (74) Davies Collison Cave Pty Ltd

(71) CHR. HANSEN HMO GMBH
 (11) AU-A-2021405729
 (21) 2021405729 (22) 22.12.2021
 (54) MICROBIAL CELLS POSSESSING A REDUCED LACTOSE INTERNALIZATION FOR PRODUCING AN OLIGOSACCHARIDE
 (51) Int. Cl.
C07K 14/245 (2006.01)
C12N 15/52 (2006.01)
 (87) WO2022/136568
 (31) 20216485.1 (32) 22.12.20 (33) EP
 (43) 30.06.2022
 (72) FRERIGMANN, Henning; TRÖTSCHEL, Christian; WARTENBERG, Dirk; JENNEWEIN, Stefan
 (74) Davies Collison Cave Pty Ltd

(71) CHUGAI SEIYAKU KABUSHIKI KAISHA
 (11) AU-A-2022215105
 (21) 2022215105 (22) 28.01.2022
 (54) DRUG COMPOSITION FOR TREATING PEDIATRIC CANCERS
 (51) Int. Cl.
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
A61P 35/04 (2006.01)
A61P 43/00 (2006.01)
 (87) WO2022/163794
 (31) 2021-013246 (32) 29.01.21 (33) JP
 (43) 04.08.2022
 (72) SATO Jotaro; EMOTO Chie; NAKAMURA Mikiko
 (74) FB Rice Pty Ltd

(71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2022209692
 (21) 2022209692 (22) 06.01.2022
 (54) INTRAORAL DIAGNOSTIC DEVICE AND METHOD OF USING SAME
 (51) Int. Cl.
A61B 1/00 (2006.01)
A61B 1/04 (2006.01)
A61B 1/06 (2006.01)
A61B 1/24 (2006.01)
 (87) WO2022/159276
 (31) 63/139,360 (32) 20.01.21 (33) US
 (43) 28.07.2022
 (72) SUBHASH, Hreshb Molly; URBAN, JR., Benny E.
 (74) Spruson & Ferguson

(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; THE BOEING COMPANY
 (11) AU-A-2021407391
 (21) 2021407391 (22) 21.12.2021
 (54) THERMALLY STABILISED CONDUCTIVE POLYMER COATINGS
 (51) Int. Cl.
C09D 5/24 (2006.01)
B01J 19/00 (2006.01)
B01J 19/24 (2006.01)
C08G 73/02 (2006.01)
C08K 3/014 (2018.01)
C08K 3/105 (2018.01)
C08K 3/22 (2006.01)
C08K 5/13 (2006.01)
C08L 83/04 (2006.01)
C09D 7/48 (2018.01)
C09D 179/02 (2006.01)
H01B 1/12 (2006.01)
 (87) WO2022/133526
 (31) 63/128,660 (32) 21.12.20 (33) US
 (43) 30.06.2022
 (72) KOHL, Thomas Matthew; KINLEN, Patrick J.; BRUTON, Eric Alan; ESPIRITU, Maria
 (74) FB Rice Pty Ltd

(71) COMPAGNIA COMMERCIALE SRL
 (11) AU-A-2021390673
 (21) 2021390673 (22) 12.11.2021

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

- (54) METHOD FOR MELTING FERROUS METALS, NON-FERROUS METALS, MACHINING WASTE AND SCRAP AND STEEL
(51) Int. Cl.
C21C 7/00 (2006.01)
B22D 1/00 (2006.01)
- (87) WO2022/117315
(31) 10202000029678 (32) 03.12.20 (33) IT
(43) 09.06.2022
(72) CARPANETO, Tommaso Brando
(74) Spruson & Ferguson
-
- (71) CONCEALFAB CORP.
(11) AU-A-2022219981
(21) 2022219981 (22) 11.02.2022
(54) LOW-PIM MULTI-FUNCTION MOUNTING SYSTEM
(51) Int. Cl.
H01Q 1/52 (2006.01)
- (87) WO2022/174001
(31) 63/149,416 (32) 15.02.21 (33) US
(43) 18.08.2022
(72) BELL, Thomas; ROGERS, Steve; LOVELADY, Jacob
(74) IPiphany Limited
-
- (71) CORFLOW THERAPEUTICS AG
(11) AU-A-2022206116
(21) 2022206116 (22) 10.01.2022
(54) APPARATUS AND METHOD FOR DETERMINING AND/OR TREATING MICROVASCULAR OBSTRUCTION
(51) Int. Cl.
A61B 5/02 (2006.01)
A61B 5/00 (2006.01)
A61B 5/0215 (2006.01)
- (87) WO2022/149106
(31) 63/136,174 (32) 11.01.21 (33) US
(43) 14.07.2022
(72) SCHWARTZ, Robert S.; ROTHMAN, Martin T.; SEGUIN, Jacques
(74) HENRY HUGHES IP LTD
-
- (71) CPC ENGINEERING PTY LTD
(11) AU-A-2021421335
(21) 2021421335 (22) 22.01.2021
(54) SEALING ARRANGEMENT FOR A CONVEYOR
(51) Int. Cl.
B65G 21/20 (2006.01)
- (87) WO2022/155697
(43) 28.07.2022
(72) WARNER, Graham
(74) WRAYS PTY LTD
-
- (71) CROSSTEK MEMBRANE TECHNOLOGY LLC
(11) AU-A-2022205650
(21) 2022205650 (22) 07.01.2022
(54) SYSTEMS AND METHODS OF OPERATING WATER FILTRATION SYSTEMS
(51) Int. Cl.
B01D 61/02 (2006.01)
B01D 61/04 (2006.01)
B01D 61/14 (2006.01)
- (87) WO2022/150567
(31) 63/199,557 (32) 08.01.21 (33) US
(43) 14.07.2022
(72) SMITH, Stanton Russel
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) CROWN EQUIPMENT CORPORATION
(11) AU-A-2022223127
(21) 2022223127 (22) 08.02.2022
(54) POWER SAVINGS FOR REMOTE CONTROL DEVICE
(51) Int. Cl.
H04W 4/40 (2018.01)
B66F 9/00 (2006.01)
G05D 1/00 (2006.01)
H04W 4/80 (2018.01)
H04W 52/02 (2009.01)
- (87) WO2022/177775
(31) 63/200,174 (32) 19.02.21 (33) US
(43) 25.08.2022
(72) CORBETT, Michael, J.; GRAUNKE, Christopher, R.; FRADY, Jamison, S.; LUTHMAN, Trisha, M.; BENNETT, Justin; CIHOLAS, Mike; DORY, Sarah; HOLLINGER, Herb; RICHARDSON, Casey; WOODY, Josh
(74) Griffith Hack
-
- (71) CURASIGHT A/S
(11) AU-A-2021391600
(21) 2021391600 (22) 26.11.2021
(54) UROKINASE PLASMINOGEN ACTIVATOR RECEPTOR TARGETED RADIOLABELED PEPTIDE CONJUGATES
(51) Int. Cl.
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2022/117454
(31) 2051401-4 (32) 01.12.20 (33) SE
(43) 09.06.2022
(72) KJÆR, Andreas; JENSEN, Knud Jørgen; MADSEN, Jakob; JEPPESEN, Troels Elmer
(74) FB Rice Pty Ltd
-
- (71) DAIKIN INDUSTRIES, LTD.; DAIKIN EUROPE N.V.
(11) AU-A-2022220392
(21) 2022220392 (22) 04.02.2022
(54) SYSTEM FOR PRODUCING HEAT FOR DOMESTIC HOT WATER OR CENTRAL HEATING
(51) Int. Cl.
F24D 3/08 (2006.01)
F24D 11/00 (2022.01)
F24D 13/04 (2006.01)
F24D 17/00 (2022.01)
F24D 19/10 (2006.01)
- (87) WO2022/172867
(31) 21156224.4 (32) 10.02.21 (33) EP
(43) 18.08.2022
(72) KIRSCHNER, Timo
(74) Spruson & Ferguson
-
- (71) DARKTRACE, INC.
(11) AU-A-2022205661
(21) 2022205661 (22) 07.01.2022
(54) USER AGENT INFERENCE AND ACTIVE ENDPOINT FINGERPRINTING FOR ENCRYPTED CONNECTIONS
(51) Int. Cl.
G06F 11/00 (2006.01)
- (87) WO2022/150622
(31) 63/135,394 (32) 08.01.21 (33) US
(43) 14.07.2022
(72) SALJI, Carl, Joseph
(74) Arcadia Intellectual Property
-
- (71) DATCHEM
(11) AU-A-2021411096
(21) 2021411096 (22) 30.12.2021
(54) METHOD AND SYSTEM FOR ACQUIRING SPECTRAL DATA FOR USE IN ASSESSING RISK OF BREAST CANCER
(51) Int. Cl.
A61B 5/055 (2006.01)
G01R 33/46 (2006.01)
- (87) WO2022/144842
(31) 63/131,894 (32) 30.12.20 (33) US
(43) 07.07.2022
(72) MOUNTFORD, Carolyn; SANTAMARIA, Gorane; MALYCHA, Peter; NAUDE, Natali
(74) Davies Collison Cave Pty Ltd
-
- (71) DAVEY BICKFORD
(11) AU-A-2021399178
(21) 2021399178 (22) 14.12.2021
(54) METHOD FOR INSTALLING A SET OF ELECTRONIC DETONATORS AND ASSOCIATED IGNITION METHOD
(51) Int. Cl.
F42D 1/055 (2006.01)
- (87) WO2022/129774
(31) FR2013388 (32) 17.12.20 (33) FR
(43) 23.06.2022
(72) GUYON, Franck; TROUSSELLE, Raphaël; COMBRINCK, Stephanus Johannes Marais; DUMANOIR, Lou
(74) Griffith Hack
-
- (71) DE.MISSION INC.
(11) AU-A-2021395710
(21) 2021395710 (22) 09.12.2021
(54) COMBUSTION BURNER WITH FIXED VANES
(51) Int. Cl.
F23D 14/70 (2006.01)
F23D 14/02 (2006.01)
F23D 14/62 (2006.01)
- (87) WO2022/120488
(31) 3102511 (32) 11.12.20 (33) CA
(43) 16.06.2022
(72) GAROSSINO, Richard B.; LAWTON, Kenneth A.
(74) AJ Pietras IP Limited
-
- (71) DEERE & COMPANY
(11) AU-A-2021416178
(21) 2021416178 (22) 28.12.2021

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

- (54) SEED METER WITH VACUUM PRODUCING DEVICE AND CONTROLLED OUTLET PRESSURE
 (51) Int. Cl.
A01C 7/04 (2006.01)
A01C 7/00 (2006.01)
A01C 7/12 (2006.01)
A01C 7/16 (2006.01)
 (87) WO2022/147050
 (31) 63/132,279 (32) 30.12.20 (33) US
 (43) 07.07.2022
 (72) BASSETT, Joseph, D.
 (74) Michael Buck IP
-
- (71) DEFUGO TECHNOLOGIES PTE LTD
 (11) AU-A-2021392085
 (21) 2021392085 (22) 03.12.2021
 (54) DECORTICATOR AND DECORTICATING PROCESS
 (51) Int. Cl.
D01B 1/22 (2006.01)
B09B 3/80 (2022.01)
D01B 1/30 (2006.01)
D01B 1/32 (2006.01)
D01B 1/38 (2006.01)
D01D 11/00 (2006.01)
 (87) WO2022/118265
 (31) 2020904477 (32) 03.12.20 (33) AU
 2021221469 24.08.21 AU
 (43) 09.06.2022
 (72) COLEMAN, David
 (74) Oxygene IP
-
- (71) DESARROLLOS TECNOLOGICOS S.A.
 (11) AU-A-2021412770
 (21) 2021412770 (22) 15.11.2021
 (54) HOPPER COMPRISING A DEFORMABLE EXTENSION
 (51) Int. Cl.
B60P 1/04 (2006.01)
B60P 1/28 (2006.01)
B60R 19/00 (2006.01)
B60R 19/02 (2006.01)
B60R 19/03 (2006.01)
B60R 19/42 (2006.01)
 (87) WO2022/140872
 (31) 3404-2020 (32) 28.12.20 (33) CL
 (43) 07.07.2022
 (72) AYESTARÁN DÍAZ, Asdrúbal José;
 AGUIRRE GRAPIN, Francisco Javier
 (74) AJ PARK
-
- (71) DESIGN THERAPEUTICS, INC.
 (11) AU-A-2021396454
 (21) 2021396454 (22) 11.12.2021
 (54) METHODS AND COMPOUNDS FOR MODULATING MYOTONIC DYSTROPHY 1
 (51) Int. Cl.
A61K 31/4178 (2006.01)
A61K 31/4174 (2006.01)
C07D 403/12 (2006.01)
C07D 403/14 (2006.01)
 (87) WO2022/126000
 (31) 63/124,592 (32) 11.12.20 (33) US
-
- (71) DRIVERDO LLC
 (11) AU-A-2021416077
 (21) 2021416077 (22) 22.12.2021
-
- (43) 16.06.2022
 (72) ANSARI, Aseem; JEFFRIES, Sean J.;
 SHAH, Pratik; ZHANG, Chengzhi
 (74) FB Rice Pty Ltd
-
- (71) DOLBY LABORATORIES LICENSING CORPORATION; DOLBY INTERNATIONAL AB
 (11) AU-A-2021393468
 (21) 2021393468 (22) 02.12.2021
 (54) IMMERSIVE VOICE AND AUDIO SERVICES (IVAS) WITH ADAPTIVE DOWNMIX STRATEGIES
 (51) Int. Cl.
G10L 19/008 (2013.01)
H04S 5/00 (2006.01)
G10L 19/24 (2013.01)
 (87) WO2022/120093
 (31) 63/120,365 (32) 02.12.20 (33) US
 63/171,404 06.04.21 US
 63/228,732 03.08.21 US
 (43) 09.06.2022
 (72) MUNDT, Harald; MCGRATH, David S.;
 TYAGI, Rishabh
 (74) Spruson & Ferguson
-
- (71) DONGBAO PURPLE STAR (HANGZHOU) BIOPHARMACEUTICAL CO., LTD.
 (11) AU-A-2021391241
 (21) 2021391241 (22) 02.12.2021
 (54) LACTAM-MODIFIED POLYPEPTIDE COMPOUNDS
 (51) Int. Cl.
C07K 14/605 (2006.01)
A61K 38/26 (2006.01)
A61P 3/00 (2006.01)
A61P 3/10 (2006.01)
 (87) WO2022/117056
 (31) 202011409947.X (32) 02.12.20 (33) CN
 202011402979.7 02.12.20 CN
 202110432060.0 21.04.21 CN
 202110587056.1 27.05.21 CN
 (43) 09.06.2022
 (72) PAN, Zhixiang; JIANG, Zhigan; HE,
 Haiying; HU, Guoping; LI, Jian; CHEN,
 Shuhui
 (74) FB Rice Pty Ltd
-
- (71) DREAMHAWK VISION BIOTECH, INC.
 (11) AU-A-2021416936
 (21) 2021416936 (22) 09.08.2021
 (54) METHOD FOR TREATING OCULAR SURFACE DISEASES
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
 (87) WO2022/148016
 (31) 63/134,599 (32) 07.01.21 (33) US
 (43) 14.07.2022
 (72) JUO, Suh-Hang; LIANG, Chung-Ling
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) ELECTRONIC WEARABLE DEVICE FOR DISPLAYING INFORMATION
 (51) Int. Cl.
G06F 3/01 (2006.01)
H04B 1/38 (2015.01)
H04W 4/80 (2018.01)
 (87) WO2022/146813
 (31) 63/133,618 (32) 04.01.21 (33) US
 (43) 07.07.2022
 (72) MONTEIRO, Anthony; HAQUE, Mashhur, Zarif
 (74) FB Rice Pty Ltd
-
- (71) ECO-GLOBAL ENERGY PTY LIMITED
 (11) AU-A-2021390586
 (21) 2021390586 (22) 29.11.2021
 (54) SYSTEMS, METHODS AND APPARATUS FOR PRODUCING AN ELECTROLYSIS GAS, HYDROGEN GAS, A HYDROGEN STORAGE AND DELIVERY SYSTEM AND STORAGE CANNISTER
 (51) Int. Cl.
C25B 1/04 (2021.01)
C01B 3/04 (2006.01)
C01B 3/50 (2006.01)
C25B 1/044 (2021.01)
C25B 9/015 (2021.01)
C25B 9/63 (2021.01)
C25B 11/02 (2021.01)
F17C 1/00 (2006.01)
F17C 11/00 (2006.01)
 (87) WO2022/115901
 (31) 2020904466 (32) 02.12.20 (33) AU
 2021901808 16.06.21 AU
 (43) 09.06.2022
 (72) SPIROS, Spiro
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) EIS GMBH
 (11) AU-A-2021396555
 (21) 2021396555 (22) 13.12.2021
 (54) MASSAGE DEVICE WITH A VARIABLE SHAPE, METHOD FOR PRODUCING SAME, AND METHOD FOR DEFORMING A MASSAGE DEVICE WITH A VARIABLE SHAPE
 (51) Int. Cl.
A61H 23/02 (2006.01)
A61H 19/00 (2006.01)
 (87) WO2022/123073
 (31) 10 2020 133 207.6 (32) 11.12.20 (33) DE
 (43) 16.06.2022
 (72) Dumler, Alex; Anderton, Alexander
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) ELANCO TIERGESUNDHEIT AG
 (11) AU-A-2021390173
 (21) 2021390173 (22) 03.12.2021
 (54) BICYCLIC DERIVATIVES
 (51) Int. Cl.
C07D 498/04 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/4709 (2006.01)
A61K 31/4725 (2006.01)
A61P 33/10 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)

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

- (87) WO2022/117783
 (31) 63/121,498 (32) 04.12.20 (33) US
 63/123,269 09.12.20 US
 (43) 09.06.2022
 (72) PAUTRAT, Francois; TAHTAOUI, Chouaib; DUCRAY, Pierre; RAGEOT, Denise
 (74) Davies Collison Cave Pty Ltd
-
- (71) ELECTROLUX APPLIANCES AK-TIEBOLAG
 (11) AU-A-2022227784
 (21) 2022227784 (22) 02.02.2022
 (54) COOKING OVEN
 (51) Int. Cl.
F24C 15/32 (2006.01)
F01K 1/00 (2006.01)
 (87) WO2022/179816
 (31) 21159403.1 (32) 25.02.21 (33) EP
 (43) 01.09.2022
 (72) GATTEI, Lorenzo; BANZATO, Massimo; CARNEVALI, Marco; UTILI, Caterina; ROBBE, Claudia; PICARDI, Fabio
 (74) Halfords IP
-
- (71) ELI LILLY AND COMPANY
 (11) AU-A-2022216230
 (21) 2022216230 (22) 01.02.2022
 (54) G1TR ANTAGONISTS AND METHODS OF USING THE SAME
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
C07K 14/765 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2022/169766
 (31) 63/144,732 (32) 02.02.21 (33) US
 63/297,968 10.01.22 US
 (43) 11.08.2022
 (72) CAIN, Paul Francis; LACERTE, Melinda Ann; LEE, Stacey Lynn; VERDINO, Petra; WORTINGER, Mark Andrew
 (74) Spruson & Ferguson
-
- (71) EMPIG AS
 (11) AU-A-2021405510
 (21) 2021405510 (22) 22.12.2021
 (54) APPARATUS AND METHOD FOR FLUID COOLING
 (51) Int. Cl.
F28F 27/02 (2006.01)
F28D 1/02 (2006.01)
F28D 7/06 (2006.01)
F28G 13/00 (2006.01)
F28G 15/00 (2006.01)
 (87) WO2022/136485
 (31) 2020494.7 (32) 23.12.20 (33) GB
 (43) 30.06.2022
 (72) LUND, Fredrik; STROMMEGJERDE, Lars S; KVERNLAND, Martin; NUTUDAL, Per Jonny
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71) EQALIS GROUP NEW ZEALAND LIMITED
 (11) AU-A-2021409620
 (21) 2021409620 (22) 24.12.2021
 (54) APPARATUS, SYSTEM AND METHODS FOR PROCESSING OF HARVESTED CANNABIS PLANT MATERIAL
 (51) Int. Cl.
A61K 31/352 (2006.01)
A61K 36/00 (2006.01)
B01D 11/02 (2006.01)
C07C 37/68 (2006.01)
 (87) WO2022/139602
 (31) 771591 (32) 24.12.20 (33) NZ
 771593 24.12.20 NZ
 774531 30.03.21 NZ
 783924 23.12.21 NZ
 (43) 30.06.2022
 (72) MISSON, Greg Charles
 (74) James & Wells Intellectual Property
-
- (71) EQALIS GROUP NEW ZEALAND LIMITED
 (11) AU-A-2021409860
 (21) 2021409860 (22) 24.12.2021
 (54) APPARATUS, SYSTEM AND METHODS FOR PROCESSING OF HARVESTED CANNABIS PLANT MATERIAL
 (51) Int. Cl.
A61K 31/352 (2006.01)
A61K 36/00 (2006.01)
B01D 11/02 (2006.01)
C07C 37/68 (2006.01)
 (87) WO2022/139600
 (31) 771591 (32) 24.12.20 (33) NZ
 771593 24.12.20 NZ
 774531 30.03.21 NZ
 783924 23.12.21 NZ
 (43) 30.06.2022
 (72) MISSON, Greg Charles
 (74) James & Wells Intellectual Property
-
- (71) ESKOM HOLDINGS SOC LIMITED
 (11) AU-A-2021397434
 (21) 2021397434 (22) 08.12.2021
 (54) DEVICE, SYSTEM AND METHOD FOR FAULT DETECTION
 (51) Int. Cl.
G01R 31/08 (2020.01)
G01R 15/14 (2006.01)
 (87) WO2022/123457
 (31) 2020/07741 (32) 11.12.20 (33) ZA
 (43) 16.06.2022
 (72) ADIGUN, Peter Ayotola
 (74) Allens Patent & Trade Mark Attorneys
-
- (71) ESPERA-WERKE GMBH
 (11) AU-A-2022223482
 (21) 2022223482 (22) 16.02.2022
 (54) WEIGHING ASSEMBLY FOR A PACKAGING HANDLING SYSTEM
 (51) Int. Cl.
G01G 19/40 (2006.01)
B65C 9/40 (2006.01)
G01G 23/32 (2006.01)
 (87) WO2022/175323
 (31) 10 2021 103 725.5 (32) 17.02.21 (33) DE
 (43) 25.08.2022
 (72) SCHRIEFERS, Marc
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) ESSILOR INTERNATIONAL
 (11) AU-A-2022219163
 (21) 2022219163 (22) 13.01.2022
 (54) A DEVICE AND METHOD FOR AUTOMATICALLY EVALUATING VISUAL EQUIPMENT
 (51) Int. Cl.
G02C 7/02 (2006.01)
G02C 13/00 (2006.01)
 (87) WO2022/171377
 (31) 21305190.7 (32) 12.02.21 (33) EP
 (43) 18.08.2022
 (72) TATUR, Guillaume; CALIXTE, Laurent; FRICKER, Sébastien
 (74) Halfords IP
-
- (71) ESSILOR INTERNATIONAL
 (11) AU-A-2022220633
 (21) 2022220633 (22) 13.01.2022
 (54) A DEVICE AND METHOD FOR EVALUATING A PERFORMANCE OF A VISUAL EQUIPMENT
 (51) Int. Cl.
G06Q 10/06 (2023.01)
A61B 3/00 (2006.01)
 (87) WO2022/171376
 (31) 21305189.9 (32) 12.02.21 (33) EP
 (43) 18.08.2022
 (72) TATUR, Guillaume; CALIXTE, Laurent; FRICKER, Sébastien; DELDALLE, Bénédicte; MARIN, Gildas
 (74) Halfords IP
-
- (71) ESSITY HYGIENE AND HEALTH AK-TIEBOLAG
 (11) AU-A-2021430693
 (21) 2021430693 (22) 01.03.2021
 (54) A DISPOSABLE ABSORBENT HYGIENE PRODUCT
 (51) Int. Cl.
A61F 13/62 (2006.01)
A44B 18/00 (2006.01)
A61F 13/49 (2006.01)
A61F 13/56 (2006.01)
 (87) WO2022/186737
 (43) 09.09.2022
 (72) ELGLUND, Gunnel; SILFVERSTRAND, Anders; GRIMBERG, Jeanette
 (74) Griffith Hack
-
- (71) ESSITY HYGIENE AND HEALTH AK-TIEBOLAG
 (11) AU-A-2021435270
 (21) 2021435270 (22) 26.03.2021
 (54) METHOD AND A THERMOPLASTIC FILM FOR USE IN A PRINTED PACKAGING OF ABSORBENT HYGIENIC ARTICLES
 (51) Int. Cl.
B41M 1/30 (2006.01)
B41M 5/00 (2006.01)
 (87) WO2022/199857
 (43) 29.09.2022
 (72) ANDREASSON, Anders; NORDSTRÖM MATTHIESSEN, Erik; CULLBRAND, Elisabet; GAL-

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

- ATA, Alessandro; THELIN, Cecilia;
COURSIMAUX, Olivier; JÖNSSON, Jo-
nas
(74) Griffith Hack
-
- (71)** EVONIK OPERATIONS GMBH
(11) AU-A-2021393703
(21) 2021393703 **(22)** 22.11.2021
(54) A METHOD FOR CLASSIFYING THE
GUT INFLAMMATION STATUS IN AVI-
AN SPECIES
(51) Int. Cl.
C12Q 1/6883 (2018.01)
(87) WO2022/117382
(31) 20211764.4 **(32)** 04.12.20 **(33)** EP
(43) 09.06.2022
(72) BÖHL, Florian; LYKO, Frank; PFEF-
FERLE, Walter; KAPPEL, Andreas;
WHELAN, Rose; RADDATZ, Günter;
FLÜGEL, Monika; PELZER, Stefan;
MARX, Achim; STEPHANS, Emery;
THIEMANN, Frank; IGWE, Emeka Ig-
natus
(74) AJ PARK
-
- (71)** EYSZ, INC.
(11) AU-A-2021397628
(21) 2021397628 **(22)** 08.12.2021
(54) SYSTEMS AND METHODS FOR
MONITORING AND MANAGING
NEUROLOGICAL DISEASES AND
CONDITIONS
(51) Int. Cl.
G16H 20/10 (2018.01)
(87) WO2022/126114
(31) 63/123,402 **(32)** 09.12.20 **(33)** US
(43) 16.06.2022
(72) KUPERMAN, Rachel; AMIN, Parth;
SARKAR, Bikramjit
(74) Spruson & Ferguson
-
- (71)** F. HOFFMANN-LA ROCHE AG
(11) AU-A-2022228640
(21) 2022228640 **(22)** 28.02.2022
(54) NOVEL BIOMARKERS AND USES
THEREOF
(51) Int. Cl.
G01N 33/574 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/6886 (2018.01)
(87) WO2022/184615
(31) 21160004.4 **(32)** 01.03.21 **(33)** EP
(43) 09.09.2022
(72) CANNARILE, Michael; GOMES,
Bruno; KARANIKAS, Vaios; KOLBEN,
Theresa; RUETTINGER, Dominik;
SCHMICH, Fabian
(74) Griffith Hack
-
- (71)** FIDELITY INFORMATION SERVICES,
LLC
(11) AU-A-2022205085
(21) 2022205085 **(22)** 04.01.2022
(54) SYSTEMS AND METHODS FOR IN-
TELLIGENT TICKET MANAGEMENT
AND RESOLUTION
(51) Int. Cl.
-
- G06N 5/02** (2023.01)
(87) WO2022/147568
(31) 17/140,812 **(32)** 04.01.21 **(33)** US
(43) 07.07.2022
(72) DAKE, Joel E.; GESSLER, Damyn L.;
PATZLSBERGER, Shane M.; STRUNK,
Shane W.; WELLMANN, Benjamin
(74) Pizeys Patent and Trade Mark Attor-
neys Pty Ltd
-
- (71)** FINCHAIN.AI PTY LTD
(11) AU-A-2021390589
(21) 2021390589 **(22)** 03.12.2021
(54) LIVESTOCK MONITORING AND MAN-
AGEMENT
(51) Int. Cl.
A01K 29/00 (2006.01)
G06Q 10/06 (2023.01)
G06Q 50/02 (2012.01)
(87) WO2022/115916
(31) 2020904493 **(32)** 04.12.20 **(33)** AU
(43) 09.06.2022
(72) SANTHANAM, Krishnakumar; ZHANG,
Xin; SANTHANAM, Venkateswaran
(74) Oxygene IP
-
- (71)** FORMUS LABS LIMITED
(11) AU-A-2021396279
(21) 2021396279 **(22)** 09.12.2021
(54) SPINAL SURGERY PLANNING SOFT-
WARE
(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 17/70 (2006.01)
A61B 34/10 (2016.01)
A61F 2/02 (2006.01)
G06T 7/60 (2017.01)
G16H 30/00 (2018.01)
G16H 50/20 (2018.01)
G16H 50/30 (2018.01)
G16H 50/50 (2018.01)
(87) WO2022/124916
(31) 770600 **(32)** 09.12.20 **(33)** NZ
(43) 16.06.2022
(72) ZHANG, Ju; BESIEM, Thor Franciscus
(74) Ellis Terry
-
- (71)** FORREST, M.D.
(11) AU-A-2021421391
(21) 2021421391 **(22)** 24.01.2021
(54) INHIBITORS OF ATP SYNTHASE
- COSMETIC AND THERAPEUTIC
USES
(51) Int. Cl.
A61K 8/64 (2006.01)
A61K 38/00 (2006.01)
A61Q 19/08 (2006.01)
(87) WO2022/157548
(43) 28.07.2022
(72) FORREST, Michael, David
(74) Michael David Forrest
-
- (71)** FRESHLIGHT SAFED PTY LTD
(11) AU-A-2022215329
(21) 2022215329 **(22)** 07.02.2022
(54) PLAYER INTERACTION AID
(51) Int. Cl.
-
- A63B 69/00** (2006.01)
A63B 24/00 (2006.01)
A63B 63/00 (2006.01)
(87) WO2022/165559
(31) 20221900280 **(32)** 06.02.21 **(33)** AU
(43) 11.08.2022
(72) CONWAY, Matthew; GREY, Nathan
(74) Wallington-Dummer
-
- (71)** FUJI OIL HOLDINGS INC.
(11) AU-A-2022248475
(21) 2022248475 **(22)** 29.03.2022
(54) DENATURED PROTEIN MATERIAL
(51) Int. Cl.
A23J 3/14 (2006.01)
A23L 5/00 (2016.01)
(87) WO2022/210752
(31) 2021-056902 **(32)** 30.03.21 **(33)** JP
(43) 06.10.2022
(72) KANO, Hiroshi; UEYAMA, Tomoki;
INOUE, Ryota
(74) Davies Collison Cave Pty Ltd
-
- (71)** FYSAM AUTO DECORATIVE GMBH
(11) AU-A-2022208410
(21) 2022208410 **(22)** 14.01.2022
(54) ROOF RACK FOR A MOTOR
VEHICLE, MOTOR VEHICLE, AND
METHOD FOR PRODUCING A ROOF
RACK
(51) Int. Cl.
B60R 9/04 (2006.01)
(87) WO2022/152834
(31) 10 2021 200 375.3 **(32)** 15.01.21 **(33)** DE
(43) 21.07.2022
(72) SIRRENERG, Stefan
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** GENZYME CORPORATION
(11) AU-A-2021391951
(21) 2021391951 **(22)** 06.12.2021
(54) TREATMENT OF HEMOPHILIA WITH
FITUSIRAN
(51) Int. Cl.
A61P 7/04 (2006.01)
A61P 43/00 (2006.01)
C12N 15/113 (2010.01)
(87) WO2022/120292
(31) 63/121,973 **(32)** 06.12.20 **(33)** US
63/272,629 27.10.21 US
63/275,344 03.11.21 US
(43) 09.06.2022
(72) POLOSKEY, Stacey; ANDERSSON,
Shauna; BHAGUNDE, Pratik R.; CUI,
Yue; IQBAL, Sajida; MEI, Baisong
(74) Griffith Hack
-
- (71)** GINKGO BIOWORKS, INC.
(11) AU-A-2022208037
(21) 2022208037 **(22)** 14.01.2022
(54) AAV VECTORS TARGETING T-CELLS
(51) Int. Cl.
C07K 14/075 (2006.01)
C12N 15/861 (2006.01)
(87) WO2022/155482
(31) 63/137,497 **(32)** 14.01.21 **(33)** US

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

- (43) 21.07.2022
 (72) SMITH, James Kennon
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) GLYKOS FINLAND OY
 (11) AU-A-2022222386
 (21) 2022222386 (22) 16.02.2022
 (54) LINKER-PAYLOADS AND CONJUGATES THEREOF
 (51) Int. Cl.
 A61K 47/68 (2017.01)
 A61K 47/54 (2017.01)
 A61P 35/00 (2006.01)
 C07K 16/00 (2006.01)
 (87) WO2022/175595
 (31) 20217033 (32) 16.02.21 (33) FI
 20217058 01.04.21 FI
 (43) 25.08.2022
 (72) SAARINEN, Juhani; SATOMAA, Tero; PYNNÖNEN, Henna; AITIO, Olli
 (74) Griffith Hack
-
- (71) GRASSLANZ TECHNOLOGY LIMITED
 (11) AU-A-2021420911
 (21) 2021420911 (22) 31.03.2021
 (54) EPICHLÖE ENDOPHYTE
 (51) Int. Cl.
 A01H 15/00 (2006.01)
 A01H 17/00 (2006.01)
 A01N 63/30 (2020.01)
 C12N 1/14 (2006.01)
 C12Q 1/6895 (2018.01)
 C12R 1/645 (2006.01)
 (87) WO2022/157556
 (31) 771857 (32) 19.01.21 (33) NZ
 (43) 28.07.2022
 (72) STEWART, Alan Vincent; HUME, David Edward; MACE, Wade Jeffrey; POPAY, Alison Jean
 (74) Blue Penguin IP Ltd
-
- (71) GRAYMONT WESTERN CANADA INC.
 (11) AU-A-2021410044
 (21) 2021410044 (22) 23.12.2021
 (54) CALCINED CLAY TAILINGS AND/OR CALCINED MINE WASTE, AND ASSOCIATED SYSTEMS AND METHODS
 (51) Int. Cl.
 C04B 7/24 (2006.01)
 B09B 3/38 (2022.01)
 B09B 3/40 (2022.01)
 C04B 28/10 (2006.01)
 (87) WO2022/140686
 (31) 63/130,294 (32) 23.12.20 (33) US
 (43) 30.06.2022
 (72) ROMANIUK, Nikolas Andrei; TATE, Michael John; LEIKAM, Jared Ira; FOX, Jesse Wayne; HARIHARAN, Narain
 (74) Spruson & Ferguson
-
- (71) GREAT PLAINS RESTORATION SOLUTIONS INC.
 (11) AU-A-2021392317
 (21) 2021392317 (22) 03.12.2021
 (54) MODULAR ISLAND ASSEMBLIES FOR RECLAMATION AND RESTORATION OF WETLANDS, RESERVOIRS, AND WATERWAYS
 (51) Int. Cl.
 C02F 3/32 (2023.01)
 A01G 24/40 (2018.01)
 A01G 31/02 (2006.01)
 B09C 1/00 (2006.01)
 B09C 1/08 (2006.01)
 B63B 35/00 (2020.01)
 (87) WO2022/115958
 (31) 63/121,354 (32) 04.12.20 (33) US
 (43) 09.06.2022
 (72) TANNAS, Steven; HOOPER, Timothy
 (74) FB Rice Pty Ltd
-
- (71) GUILIANO, S.
 (11) AU-A-2022205633
 (21) 2022205633 (22) 06.01.2022
 (54) METHODS FOR CULTURING ANTI-BODY SECRETING CELLS
 (51) Int. Cl.
 C07K 16/00 (2006.01)
 C07K 16/28 (2006.01)
 C12N 5/0781 (2010.01)
 (87) WO2022/150482
 (31) 63/199,560 (32) 08.01.21 (33) US
 (43) 14.07.2022
 (72) GUILIANO, Shayne
 (74) RNB IP PTY LTD
-
- (71) HALLIBURTON ENERGY SERVICES, INC.
 (11) AU-A-2021437096
 (21) 2021437096 (22) 31.03.2021
 (54) FLUIDS HAVING INCREASED MAGNETIC PERMEABILITY FOR SUBTERRANEAN TOOL ACTIVATION
 (51) Int. Cl.
 E21B 47/13 (2012.01)
 E21B 47/09 (2012.01)
 (87) WO2022/211800
 (31) 17/217,250 (32) 30.03.21 (33) US
 (43) 06.10.2022
 (72) JONES, Paul J.; WERKHEISER, Gregory T.
 (74) Spruson & Ferguson
-
- (71) HATCH LTD.
 (11) AU-A-2022205116
 (21) 2022205116 (22) 04.01.2022
 (54) FERRONICKEL ALLOY DIRECT REFINING PROCESSES AND PROCESSES FOR PRODUCING NICKEL SULFATE OR OTHER NICKEL PRODUCTS
 (51) Int. Cl.
 C22B 3/04 (2006.01)
 C22B 3/20 (2006.01)
 C22B 23/06 (2006.01)
 (87) WO2022/140863
 (31) 63/133,692 (32) 04.01.21 (33) US
 (43) 07.07.2022
 (72) FRASER, Robert John; FOSSENIER, Jacqueline; NEISIANI, Maryam; HARKOUK, Louiza Kahina; NAZARI, Amir Mohammad; LIU, Fangyu
 (74) WRAYS PTY LTD
-
- (71) HELIPONIX, LLC
 (11) AU-A-2022213339
 (21) 2022213339 (22) 27.01.2022
 (54) SYSTEM FOR MONITORING ENCLOSED GROWING ENVIRONMENT
 (51) Int. Cl.
 A01G 9/24 (2006.01)
 (87) WO2022/164963
 (31) 63/199,838 (32) 28.01.21 (33) US
 (43) 04.08.2022
 (72) BALL, Ivan, Lee; MASSEY, Scott, Thomas
 (74) Davies Collison Cave Pty Ltd
-
- (71) HELYAR, K.
 (11) AU-A-2021390595
 (21) 2021390595 (22) 02.12.2021
 (54) COMBUSTIBLE PRODUCT, USE OF THE SAME AND METHOD OF MANUFACTURING THE SAME
 (51) Int. Cl.
 A24B 3/14 (2006.01)
 A24B 15/16 (2020.01)
 B65B 11/54 (2006.01)
 B65D 85/00 (2006.01)
 (87) WO2022/115954
 (31) 63/121,838 (32) 04.12.20 (33) US
 (43) 09.06.2022
 (72) HELYAR, Kristinn
 (74) James & Wells Intellectual Property
-
- (71) HERZLINGER, R.E.
 (11) AU-A-2021409558
 (21) 2021409558 (22) 21.12.2021
 (54) METHODS, SYSTEMS, AND APPARATUS FOR ADMINISTERING A MONOCLONAL AND/OR POLYCLONAL ANTIBODY TREATMENT VIA RAPID INFUSION
 (51) Int. Cl.
 A61M 5/00 (2006.01)
 A61M 5/14 (2006.01)
 A61M 5/158 (2006.01)
 A61M 5/162 (2006.01)
 A61M 5/168 (2006.01)
 A61M 5/24 (2006.01)
 (87) WO2022/140463
 (31) 63/129,401 (32) 22.12.20 (33) US
 63/220,854 12.07.21 US
 63/223,921 20.07.21 US
 63/227,803 30.07.21 US
 63/249,299 28.09.21 US
 63/253,790 08.10.21 US
 63/280,953 18.11.21 US
 63/286,353 06.12.21 US
 (43) 30.06.2022
 (72) HERZLINGER, Regina E.
 (74) Davies Collison Cave Pty Ltd
-
- (71) HITACHI, LTD.
 (11) AU-A-2021434229
 (21) 2021434229 (22) 26.11.2021
 (54) SEPARATION MEMBRANE AND METHOD FOR MANUFACTURING SEPARATION MEMBRANE
 (51) Int. Cl.
 B01D 69/12 (2006.01)
 B01D 69/02 (2006.01)
 B01D 69/10 (2006.01)

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

- B01D 71/02** (2006.01)
B01D 71/16 (2006.01)
B01D 71/26 (2006.01)
B01D 71/36 (2006.01)
B01D 71/50 (2006.01)
B01D 71/68 (2006.01)
B01D 71/80 (2006.01)
B32B 5/18 (2006.01)
B32B 27/06 (2006.01)
(87) WO2022/195967
(31) 2021-043953 **(32)** 17.03.21 **(33)** JP
(43) 22.09.2022
(72) SAKUMA Hirotaka; TADA Yasuhiko;
 HIROOKA Motoyuki; MARUYAMA Mas-
 ashi
(74) Davies Collison Cave Pty Ltd
-
- (71)** HOVER INC.
(11) AU-A-2022213376
(21) 2022213376 **(22)** 27.01.2022
(54) SYSTEMS AND METHODS FOR IM-
 AGE CAPTURE
(51) Int. Cl.
G06T 7/579 (2017.01)
G06T 7/20 (2017.01)
(87) WO2022/165082
(31) 63/142,795 **(32)** 28.01.21 **(33)** US
 63/142,816 28.01.21 US
 17/163,043 29.01.21 US
 63/214,500 24.06.21 US
 63/255,158 13.10.21 US
 63/271,081 22.10.21 US
 63/302,022 21.01.22 US
(43) 04.08.2022
(72) SHREE, Atulya; MURALI, Giridhar;
 SOMMERS, Jeffrey; GOULD, Kerry;
 CASTILLO, William; SCOTT, Brandon;
 FIRL, Alrik; CUTTS, David Royston;
 IGNUER, Jonathan Mark; RETHAGE,
 Dario; CURRO, Domenico
(74) Davies Collison Cave Pty Ltd
-
- (71)** HUAWEI DIGITAL POWER TECHNO-
 LOGIES CO., LTD.
(11) AU-A-2020484083
(21) 2020484083 **(22)** 31.12.2020
(54) PHOTOVOLTAIC SYSTEM, POWER
 SUPPLY SYSTEM, AND CONTROL
 METHOD
(51) Int. Cl.
H02J 3/38 (2006.01)
H02J 3/12 (2006.01)
(87) WO2022/141372
(43) 07.07.2022
(72) ZHANG, Yanzhong; FANG, Hongmiao;
 YU, Bo; ZHAN, Jinxiang; LIN, Tiansan
(74) Halfords IP
-
- (71)** HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2020483948
(21) 2020483948 **(22)** 31.12.2020
(54) METHOD AND APPARATUS FOR RE-
 DUCING PEAK TO AVERAGE POWER
 RATIO
(51) Int. Cl.
H04L 27/26 (2006.01)
(87) WO2022/141331
-
- (43)** 07.07.2022
(72) SHILO, Shimon; REDLICH, Oded;
 MELZER, Ezer; EZRI, Doron; LEVIN-
 BOOK, Yoav; TSODIK, Genadiy; YU,
 Jian; HU, Mengshi
(74) Halfords IP
-
- (71)** HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2020484046
(21) 2020484046 **(22)** 31.12.2020
(54) MEASUREMENT METHOD,
 SCHEDULING METHOD, AND RE-
 LATED APPARATUS
(51) Int. Cl.
H04W 24/04 (2009.01)
(87) WO2022/141599
(43) 07.07.2022
(72) ZHANG, Li; HAN, Jing; LI, Hong;
 SHEN, Zhongyi
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** HUAWEI TECHNOLOGIES CO., LTD.
(11) AU-A-2021414155
(21) 2021414155 **(22)** 29.12.2021
(54) COMMUNICATION METHOD, APPAR-
 ATUS, AND COMPUTER READABLE
 STORAGE MEDIUM
(51) Int. Cl.
H04W 74/08 (2009.01)
(87) WO2022/143733
(31) 202011635867.6 **(32)** 31.12.20 **(33)** CN
(43) 07.07.2022
(72) GUO, Yuchen; LI, Yunbo; GAN, Ming
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** ICAHN SCHOOL OF MEDICINE AT
 MOUNT SINAI
(11) AU-A-2021391811
(21) 2021391811 **(22)** 03.12.2021
(54) SYSTEMS AND METHODS FOR DY-
 NAMIC IMMUNOHISTOCHEMISTRY
 PROFILING OF BIOLOGICAL DIS-
 ORDERS
(51) Int. Cl.
G01N 33/58 (2006.01)
G01N 33/543 (2006.01)
G01N 33/68 (2006.01)
G16H 50/20 (2018.01)
(87) WO2022/120164
(31) 63/121,792 **(32)** 04.12.20 **(33)** US
(43) 09.06.2022
(72) ARORA, Manish; CURTIN, Paul; AUS-
 TIN, Christine
(74) FB Rice Pty Ltd
-
- (71)** ICAHN SCHOOL OF MEDICINE AT
 MOUNT SINAI
(11) AU-A-2021392745
(21) 2021392745 **(22)** 03.12.2021
(54) SYSTEMS AND METHODS FOR
 DYNAMIC RAMAN PROFILING OF
 BIOLOGICAL DISEASES AND DIS-
 ORDERS
(51) Int. Cl.
G01N 21/65 (2006.01)
A61B 5/00 (2006.01)
(87) WO2022/120225
-
- (31)** 63/121,800 **(32)** 04.12.20 **(33)** US
(43) 09.06.2022
(72) ARORA, Manish; CURTIN, Paul; AUS-
 TIN, Christine
(74) FB Rice Pty Ltd
-
- (71)** IHI CORPORATION
(11) AU-A-2022284507
(21) 2022284507 **(22)** 31.05.2022
(54) ENERGY CONSUMPTION PREDIC-
 TION DEVICE, ENERGY CONSUMP-
 TION PREDICTION METHOD, AND
 ENERGY CONSUMPTION PREDIC-
 TION PROGRAM
(51) Int. Cl.
H02J 3/00 (2006.01)
G05B 23/02 (2006.01)
(87) WO2022/255374
(31) 2021-092915 **(32)** 02.06.21 **(33)** JP
(43) 08.12.2022
(72) KOGUMA Yuji; HAMAGUCHI Kenichi;
 INAMURA Akinobu; KAZIKURA Sho
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** ILDONG PHARMACEUTICAL CO.,
 LTD.
(11) AU-A-2021396593
(21) 2021396593 **(22)** 10.12.2021
(54) NOVEL COMPOUNDS AS ANDRO-
 GEN RECEPTOR AND PHOSPHODI-
 ESTERASE DUAL INHIBITOR
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/123310
(31) 63/124,615 **(32)** 11.12.20 **(33)** US
(43) 16.06.2022
(72) LEE, Yoon-Suk; KIM, Kyung-Sun; KIM,
 Jeong-Ah; MOON, An-Na; SONG,
 Dong-Keun; JUNG, Ju-Young; BAN,
 Jun-Su; LEE, Soo-Jin
(74) Collison & Co
-
- (71)** ILOODA, CO., LTD.
(11) AU-A-2021414390
(21) 2021414390 **(22)** 30.12.2021
(54) LASER DEVICE FOR LASER TREAT-
 MENT OF SKIN LESIONS UNDER
 DERMAL VASOCONSTRICTION
(51) Int. Cl.
A61B 18/20 (2006.01)
A61B 5/00 (2006.01)
A61B 18/00 (2006.01)
A61B 18/22 (2006.01)
A61B 90/00 (2016.01)
A61F 7/00 (2006.01)
(87) WO2022/144587
(31) 1020200189833 **(32)** 31.12.20 **(33)** KR
(43) 07.07.2022
(72) KIM, Yonghan; LEE, Sang Joon; LEE,
 Jae Ho
(74) Spruson & Ferguson

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

- (71) I-MAB BIOPHARMA (HANGZHOU) CO., LTD.
 (11) AU-A-2021413653
 (21) 2021413653 (22) 31.12.2021
 (54) FORMULATION CONTAINING SOLUBLE GP130 DIMER AND METHOD FOR USING SAME
 (51) Int. Cl.
A61K 38/17 (2006.01)
A61K 9/00 (2006.01)
A61K 47/26 (2006.01)
A61P 1/00 (2006.01)
A61P 9/10 (2006.01)
A61P 17/06 (2006.01)
A61P 19/02 (2006.01)
A61P 27/02 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
C07K 19/00 (2006.01)
 (87) WO2022/143999
 (31) 202011624158.8 (32) 31.12.20 (33) CN
 (43) 07.07.2022
 (72) LU, Shuyun; ZHANG, Zheru; QIAO, Junhua; ZHU, Jing; WANG, Jing
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) IMMATICS BIOTECHNOLOGIES GMBH
 (11) AU-A-2022208413
 (21) 2022208413 (22) 14.01.2022
 (54) PEPTIDES DISPLAYED BY HLA FOR USE IN IMMUNOTHERAPY AGAINST DIFFERENT TYPES OF CANCERS
 (51) Int. Cl.
A61K 39/00 (2006.01)
 (87) WO2022/152880
 (31) 63/137,985 (32) 15.01.21 (33) US
 10 2021 100 809.3 15.01.21 DE
 63/272,878 28.10.21 US
 (43) 21.07.2022
 (72) HANNEN, Ricarda; HUKEL-MANN, Jens; KÖHLER, Florian; KOWALEWSKI, Daniel; SCHUSTER, Heiko; SCHOOR, Oliver; RÖMER, Michael; TSOU, Chih-Chiang; FRITSCHE, Jens
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) INCARDA THERAPEUTICS, INC.
 (11) AU-A-2022205940
 (21) 2022205940 (22) 06.01.2022
 (54) INHALABLE IMATINIB FORMULATION
 (51) Int. Cl.
A61K 31/506 (2006.01)
A61K 9/00 (2006.01)
A61K 31/501 (2006.01)
 (87) WO2022/150483
 (31) 63/134,336 (32) 06.01.21 (33) US
 63/170,246 02.04.21 US
 (43) 14.07.2022
 (72) SCHULER, Carlos; HURREY, Michael Laird; COLON, Grace E.; WIEST, Brian
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) INDUSTRIE DE NORA S.P.A.
 (11) AU-A-2021405486
 (21) 2021405486 (22) 21.12.2021
-
- (54) ELECTROLYSER FOR ELECTRO-CHLORINATION PROCESSES AND A SELF-CLEANING ELECTROCHLORINATION SYSTEM
 (51) Int. Cl.
C02F 1/467 (2023.01)
C25B 1/26 (2006.01)
C02F 1/461 (2023.01)
C02F 103/42 (2006.01)
 (87) WO2022/136455
 (31) 102020000031802 (32) 22.12.20 (33) IT
 (43) 30.06.2022
 (72) RAMUNNI, Anna; TIMPANO, Fabio
 (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD
 (11) AU-A-2021385689
 (21) 2021385689 (22) 28.05.2021
 (54) APPLICATION OF LACTOBACILLUS PARACASEI SUBSP. PARACASEI K56 IN IMPROVING INTESTINAL BACTERIAL INFECTION RESISTANCE AND INTESTINAL IMMUNITY
 (51) Int. Cl.
A23L 33/135 (2016.01)
A23L 33/26 (2016.01)
A61K 31/702 (2006.01)
A61K 31/715 (2006.01)
A61K 35/747 (2015.01)
A61P 1/00 (2006.01)
A61P 37/04 (2006.01)
 (87) WO2022/110726
 (31) 202011369266.5 (32) 30.11.20 (33) CN
 (43) 02.06.2022
 (72) LIU, Wei-Hsien; WEISS, Gisela Adrienne; VAN LOO-BOUWMAN, Carolien Annika; SMIT, Gerrit; ZHAO, Wen; HUNG, Wei-Lian
 (74) FB Rice Pty Ltd
-
- (71) INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD
 (11) AU-A-2021388477
 (21) 2021388477 (22) 28.05.2021
 (54) APPLICATION OF LACTOBACILLUS PARACASEI ET-22 IN IMPROVING INTESTINAL BACTERIAL INFECTION RESISTANCE AND INTESTINAL IMMUNITY
 (51) Int. Cl.
A23L 33/135 (2016.01)
A23L 33/21 (2016.01)
A61K 31/702 (2006.01)
A61K 35/747 (2015.01)
A61P 37/04 (2006.01)
 (87) WO2022/110727
 (31) 202011369708.6 (32) 30.11.20 (33) CN
 (43) 02.06.2022
 (72) LIU, Wei-Hsien; WEISS, Gisela Adrienne; VAN LOO-BOUWMAN, Carolien Annika; SMIT, Gerrit; ZHAO, Wen; HUNG, Wei-Lian
 (74) FB Rice Pty Ltd
-
- (71) INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
 (11) AU-A-2021407023
 (21) 2021407023 (22) 22.12.2021
 (54) ANTI-B7-H3 ANTIBODY AND USES THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
 (87) WO2022/135467
 (31) 202011544445.8 (32) 23.12.20 (33) CN
 (43) 30.06.2022
 (72) LI, Li; FU, Fenggen; NI, Haiqing
 (74) James & Wells Intellectual Property
-
- (71) INNOVENTRIC LTD.
 (11) AU-A-2022221314
 (21) 2022221314 (22) 15.02.2022
 (54) SYSTEMS, METHODS, AND DEVICES FOR TREATING A DISEASED OR OTHERWISE DAMAGED TRICUSPID VALVE
 (51) Int. Cl.
A61F 2/06 (2013.01)
A61F 2/07 (2013.01)
A61F 2/24 (2006.01)
A61F 2/856 (2013.01)
 (87) WO2022/172258
 (31) 63/149,555 (32) 15.02.21 (33) US
 (43) 18.08.2022
 (72) DANINO, Amir; PICHERSKY, Yair; KISLEV, Eyal
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) INSTITUT GUSTAVE ROUSSY
 (11) AU-A-2022210404
 (21) 2022210404 (22) 21.01.2022
 (54) METHOD FOR IDENTIFYING HARD-TO-TREAT OSTEOSARCOMA PATIENTS AT DIAGNOSIS AND IMPROVING THEIR OUTCOME BY PROVIDING NEW THERAPY
 (51) Int. Cl.
C12Q 1/68 (2018.01)
 (87) WO2022/157341
 (31) 21305080.0 (32) 22.01.21 (33) EP
 (43) 28.07.2022
 (72) GASPAR, Nathalie; MARCHAIS, Antonin
 (74) Griffith Hack
-
- (71) INSULET CORPORATION
 (11) AU-A-2021415472
 (21) 2021415472 (22) 29.10.2021
 (54) MEDICATION DELIVERY SYSTEM WITH GRAPHICAL USER INTERFACE
 (51) Int. Cl.
G16H 20/10 (2018.01)
G16H 20/17 (2018.01)
G16H 40/60 (2018.01)
G16H 40/63 (2018.01)
G16H 40/67 (2018.01)
 (87) WO2022/146541
 (31) 63/132,694 (32) 31.12.20 (33) US

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

- (43) 07.07.2022
(72) O'CONNOR, Jason; LEE, Joon Bok; NAZZARO, David; ZHENG, Yibin; TANDON, Pauline
(74) Davies Collison Cave Pty Ltd
-
- (71) INSULET CORPORATION
(11) AU-A-2022205300
(21) 2022205300 (22) 06.01.2022
(54) SINGLE ACTUATED PRECISION DOSE INTERMEDIATE PUMPING CHAMBER
(51) Int. Cl.
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/168 (2006.01)
A61M 5/172 (2006.01)
F03G 7/06 (2006.01)
(87) WO2022/150418
(31) 63/135,081 (32) 08.01.21 (33) US
(43) 14.07.2022
(72) NAZZARO, David
(74) Davies Collison Cave Pty Ltd
-
- (71) INTEGRATED DNA TECHNOLOGIES, INC.
(11) AU-A-2022208362
(21) 2022208362 (22) 13.01.2022
(54) METHODS FOR PRODUCTION AND QUANTIFICATION OF UNIQUE MOLECULAR IDENTIFIER-LABELED BEADS
(51) Int. Cl.
C12Q 1/6811 (2018.01)
B01J 19/00 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6816 (2018.01)
(87) WO2022/155282
(31) 63/137,264 (32) 14.01.21 (33) US
(43) 21.07.2022
(72) DOBOSY, Joseph; ROSE, Scott D.; MANTHEY, Jeffrey A.; ALLEN, Shawn D.; HENCK, Steven A.; BEHLKE, Mark
(74) Griffith Hack
-
- (71) INTELLIA THERAPEUTICS, INC.
(11) AU-A-2021409732
(21) 2021409732 (22) 22.12.2021
(54) COMPOSITIONS AND METHODS FOR REDUCING HLA-A IN A CELL
(51) Int. Cl.
C12N 5/0783 (2010.01)
(87) WO2022/140586
(31) 63/130,095 (32) 23.12.20 (33) US
63/250,996 30.09.21 US
63/254,970 12.10.21 US
63/288,492 10.12.21 US
(43) 30.06.2022
(72) GOEL, Surbhi; ZHANG, Yong; LESCARBEAU, Reynald Michael; MURRAY, Bradley Andrew; SRIDHAR, Sri-jani
(74) Davies Collison Cave Pty Ltd
-
- (71) INTERDIGITAL PATENT HOLDINGS, INC.
(11) AU-A-2022208266
(21) 2022208266 (22) 12.01.2022
(54) METHODS, APPARATUS, AND SYSTEMS FOR REDUCED BANDWIDTH FOR REDUCED CAPABILITY WTRUS
(51) Int. Cl.
H04W 48/12 (2009.01)
H04L 5/00 (2006.01)
H04W 48/10 (2009.01)
H04W 72/04 (2023.01)
(87) WO2022/155219
(31) 63/136,402 (32) 12.01.21 (33) US
(43) 21.07.2022
(72) BALA, Erdem; LEE, Moon IL; STERNBERKOWITZ, Janet
(74) Spruson & Ferguson
-
- (71) INVERIS TRAINING SOLUTIONS, INC.
(11) AU-A-2021409934
(21) 2021409934 (22) 22.12.2021
(54) DROP-IN SIMULATOR FOR LOWER RECEIVER AND METHODS OF MAKING THE SAME
(51) Int. Cl.
F41A 33/06 (2006.01)
F41A 33/00 (2006.01)
F41B 11/62 (2013.01)
G05D 16/02 (2006.01)
G05D 16/04 (2006.01)
G05D 16/10 (2006.01)
(87) WO2022/140632
(31) 63/129,333 (32) 22.12.20 (33) US
17/559,601 22.12.21 US
(43) 30.06.2022
(72) HEATH, Paul Heath; NAPIER, James M.; SHAVERS, Darren
(74) Silberstein and Associates
-
- (71) INVESTISSEMENTS QMB INC.
(11) AU-A-2021399891
(21) 2021399891 (22) 21.06.2021
(54) BARRIER FOR ROADWAY
(51) Int. Cl.
E01F 15/02 (2006.01)
B60P 3/00 (2006.01)
B65G 67/02 (2006.01)
E01F 15/10 (2006.01)
(87) WO2022/126233
(43) 23.06.2022
(72) SÉGUIN, Marc-André; GAUVIN, Jean-Philippe
(74) Spruson & Ferguson
-
- (71) INVICTUS BIOTECHNOLOGY PTY LTD
(11) AU-A-2021392309
(21) 2021392309 (22) 03.12.2021
(54) TRANSMUCOSAL DELIVERY OF TROCOTRIENOLS
(51) Int. Cl.
A61K 31/355 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/36 (2006.01)
A61K 47/38 (2006.01)
A61P 1/16 (2006.01)
A61P 3/06 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
A61P 21/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/115919
(31) 2020904488 (32) 04.12.20 (33) AU
(43) 09.06.2022
(72) TONG, Glenn; KINGSTON, David
(74) FB Rice Pty Ltd
-
- (71) INVIVOSCRIBE INC.
(11) AU-A-2021409937
(21) 2021409937 (22) 23.12.2021
(54) CHEMICAL PROCESSING SYSTEM AND INSTRUMENT
(51) Int. Cl.
G01N 35/08 (2006.01)
B01L 3/00 (2006.01)
B01L 7/00 (2006.01)
G01N 35/00 (2006.01)
(87) WO2022/140651
(31) 63/130,450 (32) 24.12.20 (33) US
63/241,167 07.09.21 US
63/292,314 21.12.21 US
(43) 30.06.2022
(72) MILLER, Jeffrey Edward; MOTTRAM, Martin Anthony; KISS, Balazs; MALLOY, Andrew James; CRISP, Paul Malcolm; CROSSLEY, Peter Lee; LAING, Lauren Victoria Elizabeth; MACLACHLAN, Alexander Robert
(74) FB Rice Pty Ltd
-
- (71) INVIVOSCRIBE INC.
(11) AU-A-2021410016
(21) 2021410016 (22) 23.12.2021
(54) CHEMICAL PROCESSING SYSTEM, INSTRUMENT AND SAMPLE CART-RIDGE
(51) Int. Cl.
B01L 3/02 (2006.01)
(87) WO2022/140652
(31) 63/130,450 (32) 24.12.20 (33) US
63/241,167 07.09.21 US
29/280,394 21.12.21 US
63/292,314 21.12.21 US
(43) 30.06.2022
(72) MILLER, Jeffrey Edward; MOTTRAM, Martin Anthony; KISS, Balazs; MALLOY, Andrew James; CRISP, Paul Malcolm; CROSSLEY, Peter Lee; LAING, Lauren Victoria Elizabeth; MACLACHLAN, Alexander Robert
(74) FB Rice Pty Ltd
-
- (71) IONIS PHARMACEUTICALS, INC.
(11) AU-A-2022213384
(21) 2022213384 (22) 28.01.2022
(54) COMPOUNDS AND METHODS FOR MODULATING HUNTINGTIN
(51) Int. Cl.
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
C12N 15/113 (2010.01)
(87) WO2022/165122
(31) 63/143,686 (32) 29.01.21 (33) US

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

- (43) 04.08.2022
 (72) FITZSIMMONS, Bethany; FREIER, Susan, M.; KORDASIEWICZ, Holly
 (74) RnB IP Pty Ltd
-
- (71) IREGENE THERAPEUTICS LTD
 (11) AU-A-2021407711
 (21) 2021407711 (22) 08.01.2021
 (54) NEURAL STEM CELL-INDUCED DIFFERENTIAL MEDIUM AND INDUCTION DIFFERENTIATION METHOD
 (51) Int. Cl.
C12N 5/0797 (2010.01)
A61P 25/00 (2006.01)
A61P 25/08 (2006.01)
C12N 5/079 (2010.01)
C12N 5/0793 (2010.01)
C12N 5/10 (2006.01)
 (87) WO2022/134229
 (31) 202011538099.2 (32) 23.12.20 (33) CN
 (43) 30.06.2022
 (72) WEI, Jun; CAI, Meng; NIU, Lumeng; ZHOU, Jia; HOU, Mengying
 (74) ALDRICH PROJECTS PTY LTD
-
- (71) J. MAC SAFETY SYSTEMS LIMITED
 (11) AU-A-2021393815
 (21) 2021393815 (22) 01.12.2021
 (54) A LAPBOARD FOR A SAFETY DECK
 (51) Int. Cl.
E04G 21/32 (2006.01)
E04G 1/12 (2006.01)
E04G 1/15 (2006.01)
E04G 5/02 (2006.01)
E04G 5/16 (2006.01)
E04G 7/14 (2006.01)
E04G 7/20 (2006.01)
E04G 7/26 (2006.01)
E04G 25/00 (2006.01)
 (87) WO2022/118012
 (31) 2018914.8 (32) 01.12.20 (33) GB
 (43) 09.06.2022
 (72) MCCARTHY, Luis
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
-
- (71) JADE BIRD DISPLAY (SHANGHAI) LIMITED
 (11) AU-A-2021417264
 (21) 2021417264 (22) 08.01.2021
 (54) SYSTEMS AND METHODS FOR LED STRUCTURES THAT INCREASE CURRENT FLOW DENSITY
 (51) Int. Cl.
H01L 27/15 (2006.01)
H01L 33/48 (2010.01)
 (87) WO2022/147742
 (43) 14.07.2022
 (72) LI, Qiming; FANG, Anle
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) JAGTECH AS
 (11) AU-A-2022210115
 (21) 2022210115 (22) 24.01.2022
 (54) DEVICE FOR AUTOMATIC CAPTURING AND REMOVING MAGNETIC MATERIAL FROM A FLOW OF MATERIAL
 (51) Int. Cl.
B03C 1/033 (2006.01)
B03C 1/28 (2006.01)
E21B 21/06 (2006.01)
 (87) WO2022/158985
 (31) 20210097 (32) 25.01.21 (33) NO
 (43) 28.07.2022
 (72) AANESBUG, Geir Olav; PALLIN, Jan Egil
 (74) Collison & Co
-
- (71) JANSSEN PHARMACEUTICA NV
 (11) AU-A-2021387679
 (21) 2021387679 (22) 07.05.2021
 (54) DOSING REGIMENS ASSOCIATED WITH EXTENDED RELEASE PALIPERIDONE INJECTABLE FORMULATIONS
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/10 (2006.01)
A61K 31/519 (2006.01)
A61P 25/18 (2006.01)
A61P 25/24 (2006.01)
 (87) WO2022/111858
 (31) 63/119,382 (32) 30.11.20 (33) US
 (43) 02.06.2022
 (72) GOPAL, Srihari; VENKATASUBRAMANIAN, Raja; T'JOLLYN, Huybrecht
 (74) Spruson & Ferguson
-
- (71) JFE STEEL CORPORATION
 (11) AU-A-2022217967
 (21) 2022217967 (22) 28.01.2022
 (54) HIGH-PRESSURE HYDROGEN VESSEL
 (51) Int. Cl.
F16J 12/00 (2006.01)
F17C 13/00 (2006.01)
 (87) WO2022/168737
 (31) 2021-016001 (32) 03.02.21 (33) JP
 (43) 11.08.2022
 (72) OKANO Hiroshi; MATSUBARA Kazuki; TAKAGI Shusaku; ISHIKAWA Nobuyuki; TAKANO Toshio
 (74) Davies Collison Cave Pty Ltd
-
- (71) JOHN BEAN TECHNOLOGIES CORPORATION
 (11) AU-A-2021390519
 (21) 2021390519 (22) 02.12.2021
 (54) SANITARY FILL HEAD
 (51) Int. Cl.
B65B 3/04 (2006.01)
B65B 39/10 (2006.01)
B65B 39/12 (2006.01)
B65B 55/02 (2006.01)
 (87) WO2022/120061
 (31) 17/111,410 (32) 03.12.20 (33) US
 (43) 09.06.2022
 (72) MILLA, Jose Daniel; HEBBLER, Philip Gregory; COLES, Brandon
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) JOHNSON & JOHNSON CONSUMER INC.
 (11) AU-A-2021388018
 (21) 2021388018 (22) 22.11.2021
 (54) METHODS OF PREVENTING, DELAYING OR AMELIORATING ATOPIC DISEASES
 (51) Int. Cl.
A61K 35/745 (2015.01)
A61P 11/06 (2006.01)
A61P 17/00 (2006.01)
 (87) WO2022/112927
 (31) 63/117,562 (32) 24.11.20 (33) US
 (43) 02.06.2022
 (72) FARAH, Kamyar; INSEL, Richard; NEEDLEMAN, Dolores
 (74) Spruson & Ferguson
-
- (71) JOHNSON & JOHNSON CONSUMER INC.
 (11) AU-A-2021393832
 (21) 2021393832 (22) 25.10.2021
 (54) MULTI-LAYERED PARTICLE COMPRISING SIMETHICONE
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 9/50 (2006.01)
A61K 31/00 (2006.01)
A61K 45/06 (2006.01)
A61P 1/00 (2006.01)
 (87) WO2022/118107
 (31) 63/120,791 (32) 03.12.20 (33) US
 2051434-5 09.12.20 SE
 (43) 09.06.2022
 (72) PANDEY, Anurag; DAVE, Vipul
 (74) Spruson & Ferguson
-
- (71) JOHNSON & JOHNSON CONSUMER INC.
 (11) AU-A-2022214912
 (21) 2022214912 (22) 28.01.2022
 (54) ALIGNMENT OF A CLIP-ON MEDICAL DEVICE TO A SMART DEVICE CAMERA
 (51) Int. Cl.
A61B 1/227 (2006.01)
A61B 1/00 (2006.01)
A61B 1/04 (2006.01)
A61B 1/06 (2006.01)
 (87) WO2022/165115
 (31) 63/142,572 (32) 28.01.21 (33) US
 (43) 04.08.2022
 (72) KNECHT, Max, Hunter; ADILETTA, Mark; FIELDS, Orion; HAYES, Stephen; GROSS, Alexandra; KHAN, Asna; VARADAN, Maya; SMALL, Eleanor, F.; COYLE, Sean James
 (74) Spruson & Ferguson
-
- (71) JOHNSON & JOHNSON ENTERPRISE INNOVATION INC.
 (11) AU-A-2021390184
 (21) 2021390184 (22) 30.11.2021
 (54) MACHINE LEARNING TO PREDICT CANCER INVOLVEMENT OF LYMPH NODES
 (51) Int. Cl.

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

- G06T 7/00** (2017.01)
(87) WO2022/118190
(31) 63/120,102 **(32)** 01.12.20 **(33)** US
(43) 09.06.2022
(72) WASHKO, JR., George; ESTEPAR, Raul San Jose; KINSEY, Charles Matthew; STEVENSON, Christopher Scott
(74) Spruson & Ferguson
-
- (71)** KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
(11) AU-A-2021434172
(21) 2021434172 **(22)** 17.03.2021
(54) STORAGE BATTERY MANAGEMENT DEVICE, STORAGE BATTERY MANAGEMENT METHOD, AND PROGRAM
(51) Int. Cl.
H02J 3/32 (2006.01)
H02J 7/00 (2006.01)
(87) WO2022/195777
(43) 22.09.2022
(72) SASAKI, Koji; KASE, Takahiro; KOBAYASHI, Takenori; MITSUMOTO, Kenji; SUMIDA, Yoshihisa; TOBA, Koji
(74) Davies Collison Cave Pty Ltd
-
- (71)** KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
(11) AU-A-2021435103
(21) 2021435103 **(22)** 16.03.2021
(54) STORAGE BATTERY MANAGEMENT DEVICE, STORAGE BATTERY MANAGEMENT METHOD, AND PROGRAM
(51) Int. Cl.
H01M 10/42 (2006.01)
G01R 31/392 (2019.01)
H02J 7/00 (2006.01)
(87) WO2022/195701
(43) 22.09.2022
(72) SASAKI, Koji; KASE, Takahiro; KOBAYASHI, Takenori; MITSUMOTO, Kenji; SUMIDA, Yoshihisa; TOBA, Koji
(74) Davies Collison Cave Pty Ltd
-
- (71)** KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(11) AU-A-2022231500
(21) 2022231500 **(22)** 16.02.2022
(54) EXHAUST PURIFICATION DEVICE, EXHAUST PURIFICATION METHOD, AND PROGRAM
(51) Int. Cl.
F01N 3/08 (2006.01)
B01D 53/94 (2006.01)
F01N 3/18 (2006.01)
F01N 3/24 (2006.01)
F02D 41/06 (2006.01)
F02D 41/22 (2006.01)
(87) WO2022/185926
(31) 2021-035802 **(32)** 05.03.21 **(33)** JP
(43) 09.09.2022
(72) HOMMA Takayuki; TAKEUCHI Tadashi; KOIKE Makoto; SUZUOKI Tetsunori
(74) Griffith Hack
-
- (71)** KALVISTA PHARMACEUTICALS LIMITED
(11) AU-A-2021393080
(21) 2021393080 **(22)** 01.12.2021
(54) ENZYME INHIBITORS
(51) Int. Cl.
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 471/04 (2006.01)
C07D 471/08 (2006.01)
C07D 487/04 (2006.01)
C07D 519/00 (2006.01)
(87) WO2022/118016
(31) 2018970.0 **(32)** 01.12.20 **(33)** GB
63/120,074 01.12.20 US
(43) 09.06.2022
(72) CHILDS, Mitchell Lewis; DAVIE, Rebecca Louise; EDWARDS, Hannah Joy; EVANS, David Michael; GREVES, William Jack; HODGSON, Simon Teanby; MAZZACANI, Alessandro; NORTH, Carl Leslie; OBARA, Alicja Stela; ROE, Michael Bryan; ROOKER, David Philip; STOCKS, Michael John; BIRCH, Louise Michelle; PICHOWICZ, Mark; PITTAWAY, Rachael; SMITH, Alun John; THROUP, Adam Eric; WRIGGLESWORTH, Joseph William; YANG, Xuezheng; CLARK, David Edward
(74) Davies Collison Cave Pty Ltd
-
- (71)** KARBON CCS LTD
(11) AU-A-2022207340
(21) 2022207340 **(22)** 12.01.2022
(54) SHIP WITH A CARBON DIOXIDE CAPTURE SYSTEM
(51) Int. Cl.
B01D 53/14 (2006.01)
(87) WO2022/154672
(31) 20210041 **(32)** 12.01.21 **(33)** NO
(43) 21.07.2022
(72) FLEISCHER, Henrik; BØRSETH, Knut Erik
(74) Zone Patents Limited
-
- (71)** KEYMED BIOSCIENCES CO., LTD
(11) AU-A-2021398697
(21) 2021398697 **(22)** 15.12.2021
(54) DEVELOPMENT AND APPLICATION OF COMPLEMENT INHIBITOR
(51) Int. Cl.
C07K 16/40 (2006.01)
A61K 39/395 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
(87) WO2022/127834
(31) 202011485792.8 **(32)** 16.12.20 **(33)** CN
(43) 23.06.2022
(72) CHEN, Bo; XU, Gang; WANG, Changyu; ZHANG, Guohui
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2020480829
(21) 2020480829 **(22)** 07.12.2020
-
- (54)** METHODS AND CONSUMER PRODUCTS FOR DETECTING A METABOLITE
(51) Int. Cl.
G01N 30/72 (2006.01)
G01N 30/88 (2006.01)
(87) WO2022/125056
(43) 16.06.2022
(72) DONEY, Elizabeth M.; ENGELBRECHT, Kathleen C.; KOENIG, David W.; QUIRK, Stephen; KOSNICKI, Kassi
(74) Spruson & Ferguson
-
- (71)** KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
(11) AU-A-2022211174
(21) 2022211174 **(22)** 18.01.2022
(54) SYSTEM AND PROCESS FOR ENRICHING LITHIUM FROM SEAWATER
(51) Int. Cl.
C22B 26/12 (2006.01)
B01D 61/44 (2006.01)
C25B 1/16 (2006.01)
C25B 1/34 (2006.01)
(87) WO2022/157624
(31) 63/139,006 **(32)** 19.01.21 **(33)** US
63/251,340 01.10.21 US
(43) 28.07.2022
(72) LAI, Zhiping; LI, Zhen; HUANG, Kuo-Wei
(74) Michael Buck IP
-
- (71)** KLIPSTA IPCO PTY LTD
(11) AU-A-2021407533
(21) 2021407533 **(22)** 23.12.2021
(54) LAUNDRY CLIP
(51) Int. Cl.
D06F 95/00 (2006.01)
A47G 25/48 (2006.01)
D06F 55/02 (2006.01)
(87) WO2022/133549
(31) 2020904830 **(32)** 23.12.20 **(33)** AU
(43) 30.06.2022
(72) WALKER, Kelly
(74) Baxter Patent Attorneys Pty Ltd
-
- (71)** KOMATSU KVX LLC NUF
(11) AU-A-2022221221
(21) 2022221221 **(22)** 25.01.2022
(54) RETENTION SYSTEM FOR A WEAR PART FOR A BUCKET FOR AN EARTH MOVING MACHINE
(51) Int. Cl.
E02F 9/28 (2006.01)
(87) WO2022/173306
(31) 20210163 **(32)** 09.02.21 **(33)** NO
(43) 18.08.2022
(72) FURRE, Arnold; UDAYAKUMAR, Anuop; PIESSET, Jean-Pierre Vidal
(74) Griffith Hack
-
- (71)** KROPF, D.
(11) AU-A-2022239692
(21) 2022239692 **(22)** 09.03.2022
(54) SET FOR PROTECTING A WATER PIPE
(51) Int. Cl.

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

- A24F 1/30** (2006.01)
B65D 85/30 (2006.01)
(87) WO2022/194629
(31) 21163147.8 **(32)** 17.03.21 **(33)** EP
(43) 22.09.2022
(72) KROPF, Daniel
(74) Chrysiliou IP
-
- (71)** KSANA HEALTH, INC.
(11) AU-A-2021392031
(21) 2021392031 **(22)** 30.11.2021
(54) SYSTEMS AND METHODS FOR AUTOMATED BEHAVIORAL ACTIVATION
(51) Int. Cl.
G16H 20/70 (2018.01)
G16H 10/20 (2018.01)
G16H 40/63 (2018.01)
G16H 50/30 (2018.01)
(87) WO2022/120332
(31) 63/120,111 **(32)** 01.12.20 **(33)** US
(43) 09.06.2022
(72) ALLEN, Nicholas B.; CROWLEY, Ryann N.; KAHN, Lauren E.; REED, Wyatt A.; WICKS, Geordie
(74) FB Rice Pty Ltd
-
- (71)** KSM TECHNOLOGY CO., LTD.
(11) AU-A-2022343390
(21) 2022343390 **(22)** 06.09.2022
(54) ELECTROLYTIC REFINING METHOD FOR NEODYMIUM COMPOUND AND PREPARATION METHOD FOR NEODYMIUM COMPOUND GRANULE USED THEREFOR
(51) Int. Cl.
C25C 3/34 (2006.01)
C01F 17/229 (2020.01)
(87) WO2023/038401
(31) 10-2021-0120861 **(32)** 10.09.21 **(33)** KR
(43) 16.03.2023
(72) RYU, Hong Youl; WOO, Hwa Young; RI, Vladislav; SONG, Ju Hwan; KIM, Jeong Mo
(74) WRAYS PTY LTD
-
- (71)** KUSAOKE Daiki; TAISEI KAKO CO., LTD.
(11) AU-A-2021416368
(21) 2021416368 **(22)** 04.01.2021
(54) LIQUID DISCHARGE DEVICE AND DOSING DEVICE
(51) Int. Cl.
A61J 1/05 (2006.01)
B65D 47/18 (2006.01)
(87) WO2022/145049
(43) 07.07.2022
(72) KUWANO Mitsuaki
(74) RnB IP Pty Ltd
-
- (71)** LAKI POWER EHF.
(11) AU-A-2022205567
(21) 2022205567 **(22)** 05.01.2022
(54) ELECTRICITY AND DATA COMMUNICATION ACCESS TO UNMANNED AERIAL VEHICLES FROM OVER-HEAD POWER LINES
-
- (51)** Int. Cl.
B60L 53/126 (2019.01)
B60L 53/16 (2019.01)
B60L 53/22 (2019.01)
B60L 53/36 (2019.01)
B60L 53/37 (2019.01)
(87) WO2022/149173
(31) 050332 **(32)** 05.01.21 **(33)** IS
 050347 10.11.21 IS
(43) 14.07.2022
(72) VALTYSSON, Oskar H.; PETURSSON, Einar
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
-
- (71)** LANDIS+GYR INNOVATIONS, INC.
(11) AU-A-2022210340
(21) 2022210340 **(22)** 20.01.2022
(54) TIME DIVISION PHYSICAL LAYER ACCESS FOR NETWORK COMMUNICATIONS
(51) Int. Cl.
H04L 27/00 (2006.01)
H04L 5/00 (2006.01)
H04L 27/10 (2006.01)
H04L 27/26 (2006.01)
(87) WO2022/159531
(31) 17/157,123 **(32)** 25.01.21 **(33)** US
(43) 28.07.2022
(72) MATTHEWS, Justin Clifford; HOLCOMBE, Michael Sean; HETT, Christopher Scott
(74) Davies Collison Cave Pty Ltd
-
- (71)** LARIMAR THERAPEUTICS, INC.
(11) AU-A-2021398577
(21) 2021398577 **(22)** 13.12.2021
(54) PHARMACEUTICAL COMPOSITION COMPRISING FRATAXIN FUSION PROTEIN AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 9/00 (2006.01)
A61K 47/64 (2017.01)
A61P 25/28 (2006.01)
(87) WO2022/126029
(31) 63/124,801 **(32)** 12.12.20 **(33)** US
(43) 16.06.2022
(72) BOYLE, Denis; RANSOHOFF, Thomas
(74) Spruson & Ferguson
-
- (71)** LEAR CORPORATION
(11) AU-A-2021440929
(21) 2021440929 **(22)** 10.09.2021
(54) WARP KNITTED SPACER MESH FABRIC WITH HIGH AIR PERMEABILITY, ELASTICITY AND SUPPORT
(51) Int. Cl.
D04B 21/10 (2006.01)
(87) WO2022/217825
(31) PCT/ CN2021/086319 **(32)** 11.04.21 **(33)** CN
(43) 20.10.2022
(72) YU, Chen
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** LEONARDO S.P.A.
(11) AU-A-2021414394
(21) 2021414394 **(22)** 22.12.2021
(54) METHOD FOR THE MANUFACTURE OF A STRUCTURAL COMPONENT IN COMPOSITE MATERIAL REINFORCED WITH STIFFENING STRINGERS AND STRUCTURAL COMPONENT
(51) Int. Cl.
B64C 1/06 (2006.01)
B32B 37/10 (2006.01)
B64F 5/10 (2017.01)
B64G 1/22 (2006.01)
(87) WO2022/144699
(31) 102020000032490 **(32)** 28.12.20 **(33)** IT
(43) 07.07.2022
(72) CORVAGLIA, Stefano Giuseppe; GALLO, Nicola; SERIO, Alessandro
(74) Davies Collison Cave Pty Ltd
-
- (71)** LEONARDO S.P.A.
(11) AU-A-2021416329
(21) 2021416329 **(22)** 23.12.2021
(54) METHOD OF MANUFACTURING MONOLITHIC STRUCTURE IN COMPOSITE MATERIAL FOR WINGS OR EMPENNAGES OF AIRCRAFT
(51) Int. Cl.
B29D 99/00 (2010.01)
B29D 24/00 (2006.01)
B64C 3/20 (2006.01)
B64C 5/02 (2006.01)
(87) WO2022/144723
(31) 102021000000044 **(32)** 04.01.21 **(33)** IT
(43) 07.07.2022
(72) CORVAGLIA, Stefano Giuseppe; GALLO, Nicola; BARONI, Antonio; RICCIARDI, Alfredo
(74) Davies Collison Cave Pty Ltd
-
- (71)** LG CHEM, LTD.
(11) AU-A-2022209657
(21) 2022209657 **(22)** 20.01.2022
(54) USES OF MELANOCORTIN-4 RECEPTOR AGONIST
(51) Int. Cl.
A61K 31/5377 (2006.01)
A61K 9/00 (2006.01)
A61P 3/04 (2006.01)
(87) WO2022/158868
(31) 10-2021-0008622 **(32)** 21.01.21 **(33)** KR
(43) 28.07.2022
(72) PARK, Hee Dong; YEO, Su Jin; AHN, Hye Won
(74) FB Rice Pty Ltd
-
- (71)** LG CHEM, LTD.
(11) AU-A-2022378270
(21) 2022378270 **(22)** 31.10.2022
(54) COMPOSITE FILLER AND PRODUCT USING SAME
(51) Int. Cl.
A61L 27/46 (2006.01)
A61L 27/12 (2006.01)
A61L 27/20 (2006.01)
A61L 27/56 (2006.01)
A61L 27/58 (2006.01)
(87) WO2023/075534

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

- (31) 10-2021-0148252 (32) 01.11.21 (33) KR
10-2022-0141269 28.10.22 KR
- (43) 04.05.2023
- (72) KIM, Yunseop; KIM, Lucia; KIM, Jee Seon
- (74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) LG ENERGY SOLUTION, LTD.
(11) AU-A-2022342981
(21) 2022342981 (22) 06.09.2022
(54) ENERGY STORAGE SYSTEM COMPRISING NEW INSTALLATION BATTERY RACK, AND METHOD FOR CONTROLLING SAME
(51) Int. Cl.
H02J 7/00 (2006.01)
G01R 31/382 (2019.01)
(87) WO2023/038399
(31) 10-2021-0119406 (32) 08.09.21 (33) KR
10-2022-0112689 06.09.22 KR
(43) 16.03.2023
(72) KIM, Jongcheol; MUN, Byeongho; JUNG, Inho; JO, Hyeungil
(74) FB Rice Pty Ltd
-
- (71) LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
(11) AU-A-2022205729
(21) 2022205729 (22) 06.01.2022
(54) CRYSTAL PULLING PROCESS FOR SINGLE-CRYSTAL SILICON
(51) Int. Cl.
C30B 29/06 (2006.01)
C30B 15/20 (2006.01)
(87) WO2022/148402
(31) 202110984273.4 (32) 25.08.21 (33) CN
202110024166.7 08.01.21 CN
(43) 14.07.2022
(72) DENG, Hao; XIE, Zhiyan; JIN, Qian
(74) Madderns Pty Ltd
-
- (71) LTS LOHMANN THERAPIE-SYSTEME AG
(11) AU-A-2022208205
(21) 2022208205 (22) 14.01.2022
(54) MULTI-LAYER ORAL THIN FILM
(51) Int. Cl.
A61K 9/00 (2006.01)
(87) WO2022/152877
(31) 10 2021 100 779.8 (32) 15.01.21 (33) DE
(43) 21.07.2022
(72) LINN, Michael; FICKER, Mario; NORELLI, Claudia
(74) Griffith Hack
-
- (71) LTS LOHMANN THERAPIE-SYSTEME AG
(11) AU-A-2022208208
(21) 2022208208 (22) 14.01.2022
(54) MULTI-LAYER ORAL THIN FILM
(51) Int. Cl.
A61K 9/00 (2006.01)
(87) WO2022/152883
(31) 10 2021 100 783.6 (32) 15.01.21 (33) DE
-
- (43) 21.07.2022
- (72) LINN, Michael; SCHMITZ, Christoph; NORELLI, Claudia; FICKER, Mario
- (74) Griffith Hack
-
- (71) LTS LOHMANN THERAPIE-SYSTEME AG
(11) AU-A-2022208412
(21) 2022208412 (22) 14.01.2022
(54) ORAL THIN FILM COMPRISING A PVA-TRIS BUFFER LAYER
(51) Int. Cl.
A61K 9/00 (2006.01)
(87) WO2022/152878
(31) 10 2021 100 780.1 (32) 15.01.21 (33) DE
(43) 21.07.2022
(72) LINN, Michael; FICKER, Mario; NORELLI, Claudia; MÜLLER, Markus; SCHMITZ, Christoph
(74) Griffith Hack
-
- (71) LUMMUS TECHNOLOGY LLC
(11) AU-A-2021415465
(21) 2021415465 (22) 28.09.2021
(54) CATALYTIC CRACKING PROCESS FOR A TRUE CIRCULAR SOLUTION FOR CONVERTING PYROLYSIS OIL PRODUCED FROM RECYCLED WASTE PLASTIC INTO VIRGIN OL- EFINS AND PETROCHEMICAL INTERMEDIATES
(51) Int. Cl.
C10G 1/08 (2006.01)
B29B 17/04 (2006.01)
C08J 11/10 (2006.01)
C10G 1/00 (2006.01)
C10G 1/10 (2006.01)
(87) WO2022/146513
(31) 63/131,484 (32) 29.12.20 (33) US
(43) 07.07.2022
(72) PORTELA, Joaquim Antonio De, Oliveira; MARRI, Rama, Rao; GROTEN, Willibrord, A.
(74) WRAYS PTY LTD
-
- (71) MAKO SURGICAL CORP.
(11) AU-A-2021413098
(21) 2021413098 (22) 28.12.2021
(54) ROBOTIC SYSTEMS AND METHODS FOR MITIGATING UNDESIRE D ORIENTATIONAL MOTION OF KINEMATIC COMPONENTS
(51) Int. Cl.
A61B 34/32 (2016.01)
A61B 34/00 (2016.01)
B25J 9/16 (2006.01)
(87) WO2022/147001
(31) 63/132,821 (32) 31.12.20 (33) US
(43) 07.07.2022
(72) KHURANA, Rishabh
(74) Davies Collison Cave Pty Ltd
-
- (71) MAREL MEAT B.V.
(11) AU-A-2021401711
(21) 2021401711 (22) 15.12.2021
(54) A FOOD PROCESSING SYSTEM FOR PROCESSING CARCASS PARTS
-
- (51) Int. Cl.
A22B 7/00 (2006.01)
(87) WO2022/131913
(31) 2027156 (32) 18.12.20 (33) NL
(43) 23.06.2022
(72) MEERDINK, Jan; VAN DER STEEN, Franciscus Theodorus Henricus Johannes; VAN DEN HURK, Frans
(74) FB Rice Pty Ltd
-
- (71) MAREL SALMON A/S
(11) AU-A-2021391959
(21) 2021391959 (22) 03.12.2021
(54) A METHOD OF TRACKING A FOOD ITEM IN A PROCESSING FACILITY, AND A SYSTEM FOR PROCESSING FOOD ITEMS
(51) Int. Cl.
A22B 5/00 (2006.01)
A22C 17/00 (2006.01)
A22C 17/10 (2006.01)
A22C 25/04 (2006.01)
(87) WO2022/117820
(31) 20212004.4 (32) 04.12.20 (33) EP
(43) 09.06.2022
(72) KJÆR, Anders; ANDERSEN, Martin
(74) FB Rice Pty Ltd
-
- (71) MARICARE OY
(11) AU-A-2022208438
(21) 2022208438 (22) 12.01.2022
(54) SENSOR AND SYSTEM FOR MONITORING
(51) Int. Cl.
G08B 21/04 (2006.01)
(87) WO2022/152969
(31) 20215054 (32) 15.01.21 (33) FI
20215056 15.01.21 FI
(43) 21.07.2022
(72) SUNDHOLM, Göran; LINDSTRÖM, Juha; KIVINEN, Jarmo; EKBLAD, Jari
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) MERCK PATENT GMBH
(11) AU-A-2022208206
(21) 2022208206 (22) 14.01.2022
(54) SOLVATED CRYSTALLINE POLYNUCLEAR METAL COMPLEX SOLVATED WITH A MIXTURE OF NON-POLAR AND POLAR SOLVENTS, SUCH SOLVATED CRYSTALLINE POLYNUCLEAR METAL COMPLEX INCLUDING A GUEST COMPOUND ANALYTE AND ITS USE IN A METHOD FOR DETERMINING MOLECULAR STRUCTURE OF THE GUEST COMPOUND ANALYTE
(51) Int. Cl.
C07F 3/00 (2006.01)
G01N 23/00 (2006.01)
G01N 23/20 (2018.01)
(87) WO2022/152879
(31) 21151930.1 (32) 15.01.21 (33) EP
(43) 21.07.2022
(72) KUEHN, Clemens
(74) FPA Patent Attorneys Pty Ltd

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

- (71) MESOBLAST INTERNATIONAL SARL
(11) AU-A-2021403025
(21) 2021403025 (22) 15.12.2021
(54) METHOD OF TREATING PROGRESSIVE HEART FAILURE IN SUBJECTS WITH CLASS II HEART FAILURE
(51) Int. Cl.
G01N 33/68 (2006.01)
A61K 35/12 (2015.01)
A61K 35/28 (2015.01)
A61P 9/00 (2006.01)
C12N 5/0775 (2010.01)
(87) WO2022/132986
(31) 2020904675 (32) 15.12.20 (33) AU
2021900059 12.01.21 AU
2021902941 10.09.21 AU
2021903365 20.10.21 AU
63/289,868 15.12.21 US
(43) 23.06.2022
(72) ITESCU, Silviu; BOROW, Kenneth;
HAYES, Jack
(74) FB Rice Pty Ltd
-
- (71) MESOESTETIC PHARMA GROUP, S.L
(11) AU-A-2021403876
(21) 2021403876 (22) 01.04.2021
(54) TYROSINASE-INHIBITING MOLECULES AND DERMOPHARMACEUTICAL COMPOSITION THAT INCLUDES THEM
(51) Int. Cl.
C07C 309/44 (2006.01)
A61K 8/23 (2006.01)
A61Q 1/00 (2006.01)
A61Q 19/02 (2006.01)
(87) WO2022/129651
(43) 23.06.2022
(72) MARTÍNEZ GUTIÉRREZ, Alfredo;
BERTRAN JUNQUÉ, Alexandra;
GONZÁLEZ RODRÍGUEZ, María del Carmen;
PASCUAL DEL PRADO, Sergio;
LUIS GARCÍA, Luis Shotze
(74) AJ PARK
-
- (71) MINDSET PHARMA INC.
(11) AU-A-2021394129
(21) 2021394129 (22) 07.12.2021
(54) 3-CYCLIC AMINE-INDOLE DERIVATIVES AS SEROTONERGIC AGENTS FOR THE TREATMENT OF CNS DISORDERS
(51) Int. Cl.
C07F 9/6558 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
(87) WO2022/120475
(31) 63/122,181 (32) 07.12.20 (33) US
(43) 16.06.2022
(72) SLASSI, Abdelmalik; ARAUJO, Joseph;
HIGGINS, Guy
(74) FB Rice Pty Ltd
-
- (71) MINELAB ELECTRONICS PTY. LIMITED
(11) AU-A-2021398587
(21) 2021398587 (22) 15.12.2021
-
- (71) A MAGNETIC FIELD ANTENNA OF A METAL DETECTOR
(51) Int. Cl.
G01V 3/10 (2006.01)
G01R 33/12 (2006.01)
H01Q 1/12 (2006.01)
H02K 3/04 (2006.01)
(87) WO2022/126185
(31) 2020904645 (32) 14.12.20 (33) AU
(43) 23.06.2022
(72) CANDY, Bruce Halcro
(74) Madderns Pty Ltd
-
- (71) MITEK HOLDINGS, INC.
(11) AU-A-2021414233
(21) 2021414233 (22) 30.12.2021
(54) RAPID ASSEMBLY CONSTRUCTION MODULES AND METHODS FOR USE
(51) Int. Cl.
E04B 1/348 (2006.01)
E04B 1/19 (2006.01)
(87) WO2022/147233
(31) 63/132,865 (32) 31.12.20 (33) US
(43) 07.07.2022
(72) RAFEZY, Behzad; HUYNH, Quang;
GALLART, Henry
(74) Spruson & Ferguson
-
- (71) MITSUBISHI ELECTRIC CORPORATION
(11) AU-A-2021437739
(21) 2021437739 (22) 02.04.2021
(54) ELECTRIC DUST COLLECTOR, INDOOR UNIT, AND AIR-CONDITIONING DEVICE
(51) Int. Cl.
F24F 1/0076 (2019.01)
(87) WO2022/208867
(43) 06.10.2022
(72) MATSUDA Yo; TOMITA Shuhei;
KUSUMOTO Shoya; KAWAMURA Takeshi
(74) Davies Collision Cave Pty Ltd
-
- (71) MOBERG PHARMA AB
(11) AU-A-2021396584
(21) 2021396584 (22) 07.12.2021
(54) TREATMENT REGIMEN FOR ONCHYOMYCOSIS USING ALLYLAMINE ANTIFUNGAL COMPOSITIONS
(51) Int. Cl.
A61K 31/137 (2006.01)
A61K 9/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
A61P 31/10 (2006.01)
(87) WO2022/123228
(31) 63/122,588 (32) 08.12.20 (33) US
(43) 16.06.2022
(72) WÄRNHEIM, Torbjörn; TAVAKKOL, Amir
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) MOHANRAJ, V.; HO, D.J.
(11) AU-A-2021422883
(21) 2021422883 (22) 29.12.2021
-
- (71) RECEPTACLE DEVICE
(51) Int. Cl.
A41D 13/11 (2006.01)
A41D 31/14 (2019.01)
A47G 21/18 (2006.01)
(87) WO2022/164600
(31) 63/143,133 (32) 29.01.21 (33) US
(43) 04.08.2022
(72) MOHANRAJ, Vasanth; HO, Derek Jenwen
(74) A.P.T. Patent and Trade Mark Attorneys
-
- (71) MONCLER S.P.A.
(11) AU-A-2021420578
(21) 2021420578 (22) 29.10.2021
(54) METHOD AND APPARATUS FOR THE PRODUCTION OF FABRIC OR LEATHER ARTICLES
(51) Int. Cl.
D05B 11/00 (2006.01)
B23K 26/044 (2014.01)
D05B 21/00 (2006.01)
D05B 25/00 (2006.01)
D05B 37/04 (2006.01)
D06H 7/00 (2006.01)
(87) WO2022/152424
(31) 102021000000398 (32) 12.01.21 (33) IT
(43) 21.07.2022
(72) ARSANTO, Roberto; CHIUDINELLI, Denis
(74) Spruson & Ferguson
-
- (71) MORPHOSYS AG
(11) AU-A-2022208200
(21) 2022208200 (22) 14.01.2022
(54) ANTI-CD38 ANTIBODIES AND THEIR USES
(51) Int. Cl.
C07K 16/28 (2006.01)
(87) WO2022/152823
(31) 21151575.4 (32) 14.01.21 (33) EP
(43) 21.07.2022
(72) STEIDL, Stefan; HÄRTLE, Stefan;
BOXHAMMER, Rainer
(74) Griffith Hack
-
- (71) MOTIF FOODWORKS, INC.
(11) AU-A-2021413255
(21) 2021413255 (22) 31.12.2021
(54) PLANT-BASED CONNECTIVE TISSUE ANALOGS
(51) Int. Cl.
A23J 3/22 (2006.01)
A23J 3/14 (2006.01)
A23L 13/00 (2016.01)
A23L 33/10 (2016.01)
(87) WO2022/147357
(31) 63/133,055 (32) 31.12.20 (33) US
(43) 07.07.2022
(72) BAIER, Stefan
(74) RNB IP PTY LTD
-
- (71) MUREVA PHOTOTHERAPY INC.
(11) AU-A-2022208364
(21) 2022208364 (22) 14.01.2022

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

- (54) INTRAORAL PHOTOTHERAPY DEVICE
(51) Int. Cl.
A61N 5/06 (2006.01)
(87) WO2022/155393
(31) 17/150,304 (32) 15.01.21 (33) US
(43) 21.07.2022
(72) KOTHARI, Vedang; OJA, Jordan W.; LAZZARA, Jason D.; SHELNUTT, Samuel J.
(74) DAVIS IP PTY LTD
-
- (71) NAGRAVISION SÀRL
(11) AU-A-2021413624
(21) 2021413624 (22) 23.11.2021
(54) METHOD AND DEVICE FOR PROVIDING AN AUTHORIZATION TO ACCESS AN INTERACTIVE GOOD
(51) Int. Cl.
H04W 12/084 (2021.01)
H04L 9/40 (2022.01)
H04W 12/108 (2021.01)
(87) WO2022/144130
(31) 20217525.3 (32) 29.12.20 (33) EP
(43) 07.07.2022
(72) ZHAO, Yishan; DEVALLOU, Luc
(74) Spruson & Ferguson
-
- (71) NAUTILUS SUBSIDIARY, INC.
(11) AU-A-2022209365
(21) 2022209365 (22) 21.01.2022
(54) SYSTEMS AND METHODS FOR BIOMOLECULE PREPARATION
(51) Int. Cl.
G01N 33/543 (2006.01)
(87) WO2022/159663
(31) 63/139,818 (32) 21.01.21 (33) US
(43) 28.07.2022
(72) KAPP, Gregory; ROBINSON, Julia; MALLICK, Parag; RINKER, Torri; ANUMALA, Deepthi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) NEOGENE THERAPEUTICS B.V.
(11) AU-A-2021410077
(21) 2021410077 (22) 21.12.2021
(54) PEPTIDE MARKERS TO TRACK GENETICALLY ENGINEERED CELLS
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
C12N 5/0783 (2010.01)
G01N 33/569 (2006.01)
(87) WO2022/140774
(31) 63/129,480 (32) 22.12.20 (33) US
63/170,196 02.04.21 US
(43) 30.06.2022
(72) LINNEMANN, Carsten; KUILMAN, Thomas; BENDLE, Gavin, M.; VAN HEIJST, Jeroen, W.J.; KONG, Xiangjun; EGGERMONT, Loek, Josephus
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) NEOMICS PHARMACEUTICALS LLC
(11) AU-A-2022205052
- (21) 2022205052 (22) 04.01.2022
(54) CHIMERIC CO-STIMULATORY PROTEINS COMPRISING MUTANT INTRACELLULAR DOMAINS WITH INCREASED EXPRESSION
(51) Int. Cl.
C07K 14/725 (2006.01)
(87) WO2022/147525
(31) 63/133,494 (32) 04.01.21 (33) US
63/163,171 19.03.21 US
(43) 07.07.2022
(72) COMRIE, William, A.; HAO, Wenshan
(74) RnB IP Pty Ltd
-
- (71) NETFLIX, INC.
(11) AU-A-2022208002
(21) 2022208002 (22) 13.01.2022
(54) SYSTEMS AND METHODS FOR OPTIMIZING HARD DRIVE THROUGHPUT
(51) Int. Cl.
G06F 3/06 (2006.01)
(87) WO2022/155378
(31) 17/150,507 (32) 15.01.21 (33) US
(43) 21.07.2022
(72) PFITZNER, David W.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) NEUROCENTRX PHARMA LTD.
(11) AU-A-2021404187
(21) 2021404187 (22) 17.12.2021
(54) ORAL COMPOSITIONS COMPRISING KETAMINE COMBINED WITH SUBCUTANEOUS OR INTRAVENOUS KETAMINE FOR USE IN THE TREATMENT, CONTROL OR PREVENTION OF DEPRESSIVE DISORDERS
(51) Int. Cl.
A61K 31/135 (2006.01)
A61K 9/48 (2006.01)
A61P 25/24 (2006.01)
(87) WO2022/129932
(31) 2019952.7 (32) 17.12.20 (33) GB
(43) 23.06.2022
(72) REILLY, Carmel; JURUENA, Mario Francisco Pereira
(74) FB Rice Pty Ltd
-
- (71) NEWSTER SYSTEM S.R.L.
(11) AU-A-2021396652
(21) 2021396652 (22) 07.12.2021
(54) PLANT AND PROCESS FOR THE TREATMENT OF MEDICINAL WASTE
(51) Int. Cl.
B09B 3/00 (2022.01)
C02F 1/02 (2023.01)
C02F 103/00 (2006.01)
(87) WO2022/123610
(31) 10202000030158 (32) 09.12.20 (33) IT
(43) 16.06.2022
(72) MAGRINI, Gianluca; TREVISSON, Laura; COPERTARO, Benedetta; CATAPANO, Enrico; PERICOLI, Marco; CASALBONI, Giorgio
(74) FB Rice Pty Ltd
-
- (71) NEXTPOINT THERAPEUTICS, INC.
(11) AU-A-2022214939
(21) 2022214939 (22) 28.01.2022
(54) HHLA2 BINDING AGENTS WITH NOVEL ACTIVITY
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
(87) WO2022/165258
(31) 63/142,832 (32) 28.01.21 (33) US
(43) 04.08.2022
(72) CHAPPEL, Scott; BINISZKIEWICZ, Detlev; ETEMAD-GILBERTSON, Bijan; BOLAND, Nadthakarn; NIELSON, Nels; PRINZ, Bianca
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) NIPPON SODA CO., LTD.
(11) AU-A-2021421952
(21) 2021421952 (22) 27.12.2021
(54) METHOD, SEEDS, AND COMPOSITION FOR CONTROLLING INSECTS IN CROPS
(51) Int. Cl.
A01N 43/50 (2006.01)
A01N 25/00 (2006.01)
A01P 7/04 (2006.01)
(87) WO2022/158265
(31) 2021-007350 (32) 20.01.21 (33) JP
(43) 28.07.2022
(72) AMANO Kae; TAKAHASHI Yoshitaka; NISHIO Fumiya
(74) FB Rice Pty Ltd
-
- (71) NIPPON SODA CO., LTD.
(11) AU-A-2022209775
(21) 2022209775 (22) 14.01.2022
(54) MIXED FORMULATION
(51) Int. Cl.
A01N 47/18 (2006.01)
A01N 43/90 (2006.01)
A01P 3/00 (2006.01)
(87) WO2022/158382
(31) 2021-006207 (32) 19.01.21 (33) JP
(43) 28.07.2022
(72) FUKUSHIMA, Yusuke; YAMADA, Shigeo
(74) Madderms Pty Ltd
-
- (71) NIPPON STEEL CORPORATION
(11) AU-A-2021418839
(21) 2021418839 (22) 30.11.2021
(54) PLATED STEEL MATERIAL
(51) Int. Cl.
C23C 2/06 (2006.01)
(87) WO2022/153694
(31) 2021-005575 (32) 18.01.21 (33) JP
(43) 21.07.2022
(72) TOKUDA Kohei; SAITO Mamoru; MITSUNOBU Takuya; TOBA Tetsuya; GOTO Yasuto; MORISHITA Atsushi; KAWAMURA Yasuaki; NAKAMURA Fumiaki; KAWANISHI Koji
(74) Spruson & Ferguson

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

- (71) NIPPON TELEGRAPH AND TELEPHONE CORPORATION
 (11) AU-A-2021418342
 (21) 2021418342 (22) 13.01.2021
 (54) SECURE RELATIONAL ALGEBRA OPERATION SYSTEM, SECURE COMPUTING DEVICE, SECURE RELATIONAL ALGEBRA OPERATION METHOD, AND PROGRAM
 (51) Int. Cl.
G09C 1/00 (2006.01)
 (87) WO2022/153383
 (43) 21.07.2022
 (72) SUDO, Hiroki; IKARASHI, Dai
 (74) Griffith Hack
-
- (71) NKARTA, INC.
 (11) AU-A-2021392809
 (21) 2021392809 (22) 02.12.2021
 (54) METHODS OF ENGINEERING IMMUNE CELLS FOR ENHANCED POTENCY AND PERSISTENCE AND USES OF ENGINEERED CELLS IN IMMUNOTHERAPY
 (51) Int. Cl.
A61K 35/17 (2015.01)
C12N 5/00 (2006.01)
C12N 15/113 (2010.01)
 (87) WO2022/120370
 (31) 63/121,206 (32) 03.12.20 (33) US
 63/201,159 15.04.21 US
 63/236,167 23.08.21 US
 63/264,223 17.11.21 US
 63/264,234 17.11.21 US
 (43) 09.06.2022
 (72) TRAGER, James Barnaby; CHAN, Ivan; WANG, Don-Hong; LI, Guangnan; LAZETIC, Alexandra Leida Liana; GUO, Chao
 (74) FB Rice Pty Ltd
-
- (71) NONA BIOSCIENCES (SUZHOU) CO., LTD.; YINUOKE BIOMEDICAL CO., LTD.
 (11) AU-A-2021414160
 (21) 2021414160 (22) 29.12.2021
 (54) HUMAN LIFR ANTIGEN BINDING PROTEIN, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
 (87) WO2022/143743
 (31) 202011619032.1 (32) 31.12.20 (33) CN
 (43) 07.07.2022
 (72) CONG, Yanni; ZHANG, Lingbing; DENG, Changjing; ZHU, Guangbei; ZHOU, Liang; MA, Ruipeng; CHEN, Yin; LIU, Lile
 (74) WRAYS PTY LTD
-
- (71) NONO INC.
 (11) AU-A-2022206444
 (21) 2022206444 (22) 07.01.2022
 (54) PLASMIN-RESISTANT PEPTIDES FOR IMPROVED THERAPEUTIC INDEX
 (51) Int. Cl.
A61K 38/08 (2019.01)
A61K 47/62 (2017.01)
A61P 9/10 (2006.01)
A61P 25/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
 (87) WO2022/150655
 (31) 63/135,498 (32) 08.01.21 (33) US
 63/147,711 09.02.21 US
 63/221,874 14.07.21 US
 (43) 14.07.2022
 (72) GARMAN, Jonathan David; TYMI-ANSKI, Michael; MAYOR, Diana
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) OBI PHARMA, INC.
 (11) AU-A-2021429543
 (21) 2021429543 (22) 26.02.2021
 (54) USE OF AKR1C3-ACTIVATED COMPOUND
 (51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/04 (2006.01)
A61K 31/06 (2006.01)
A61K 31/664 (2006.01)
 (87) WO2022/178821
 (43) 01.09.2022
 (72) DUAN, Jianxin; MENG, Fanying; QI, Tianyang; WANG, Chun-Chung; CHEN, Lu-Tzu; LI, Wan-Fen; LAI, Ming-Tain
 (74) Jones Tulloch
-
- (71) OLIVIER NV
 (11) AU-A-2022210051
 (21) 2022210051 (22) 20.01.2022
 (54) SYSTEM FOR COUPLING OF PILES
 (51) Int. Cl.
E02D 5/28 (2006.01)
E02D 5/52 (2006.01)
E02D 5/54 (2006.01)
E21B 17/046 (2006.01)
E02D 5/00 (2006.01)
 (87) WO2022/157650
 (31) BE2021/5050 (32) 25.01.21 (33) BE
 (43) 28.07.2022
 (72) VANKEIRSBILCK, Gerdi; VANKEIRSBILCK, Dimitry
 (74) Halfords IP
-
- (71) OSPEDALE SAN RAFFAELE S.R.L.; FONDAZIONE TELETHON
 (11) AU-A-2021393010
 (21) 2021393010 (22) 03.12.2021
 (54) VECTOR
 (51) Int. Cl.
A61K 48/00 (2006.01)
A61K 38/16 (2006.01)
C07K 14/52 (2006.01)
C12N 15/86 (2006.01)
 (87) WO2022/117876
 (31) 2019108.6 (32) 03.12.20 (33) GB
 (43) 09.06.2022
 (72) KERZEL, Thomas; SQUADRITO, Mario Leonardo; NALDINI, Luigi
 (74) FB Rice Pty Ltd
-
- (71) OVOKAITYS, T.F.
 (11) AU-A-2021397627
 (21) 2021397627 (22) 08.12.2021
 (54) METHODS AND SYSTEMS FOR INCREASED PRODUCTION OF STEM CELLS
 (51) Int. Cl.
A61K 35/16 (2015.01)
A61K 35/12 (2015.01)
A61K 35/14 (2015.01)
A61K 35/28 (2015.01)
 (87) WO2022/126109
 (31) 63/180,742 (32) 28.04.21 (33) US
 63/122,831 08.12.20 US
 63/122,836 08.12.20 US
 (43) 16.06.2022
 (72) OVOKAITYS, Todd Frank
 (74) WRAYS PTY LTD
-
- (71) OWENS-BROCKWAY GLASS CONTAINER INC.
 (11) AU-A-2021351555
 (21) 2021351555 (22) 01.10.2021
 (54) BULK MATERIAL HANDLING METHODS, SYSTEMS, SUBSYSTEMS, AND APPARATUSES
 (51) Int. Cl.
B65G 53/04 (2006.01)
B65G 65/32 (2006.01)
B65G 65/40 (2006.01)
 (87) WO2022/072902
 (31) 17/061,302 (32) 01.10.20 (33) US
 (43) 07.04.2022
 (72) RAUSCH, Philip, J.; HOLMES, Kirk; BASTARRACHEA, Karin, Gabriela; WILL, Steven; SMITH, Roger
 (74) Spruson & Ferguson
-
- (71) OWENS-BROCKWAY GLASS CONTAINER INC.
 (11) AU-A-2021351723
 (21) 2021351723 (22) 01.10.2021
 (54) BULK MATERIAL DISCHARGING
 (51) Int. Cl.
B65D 88/30 (2006.01)
B65D 88/00 (2006.01)
B65D 90/20 (2006.01)
B65G 37/00 (2006.01)
B65G 47/90 (2006.01)
B65G 65/40 (2006.01)
 (87) WO2022/072900
 (31) 17/061,302 (32) 01.10.20 (33) US
 (43) 07.04.2022
 (72) HOLMES, Kirk; WILL, Steven
 (74) Spruson & Ferguson
-
- (71) OWENS-BROCKWAY GLASS CONTAINER INC.
 (11) AU-A-2021355512
 (21) 2021355512 (22) 01.10.2021
 (54) BULK MATERIAL RECEIVING, CONVEYING, STORING, AND DISPENSING
 (51) Int. Cl.
B65D 88/32 (2006.01)
B65D 88/30 (2006.01)
B65D 90/20 (2006.01)
B65D 90/34 (2006.01)
B65G 53/04 (2006.01)

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

B65G 65/32 (2006.01)
B65G 65/40 (2006.01)
C03B 3/00 (2006.01)
C03B 5/225 (2006.01)
C03B 5/235 (2006.01)
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C03B 7/10 (2006.01)
C03B 25/04 (2006.01)
(87) WO2022/072889
(31) 17/061,302 (32) 01.10.20 (33) US
(43) 07.04.2022
(72) HOLMES, Kirk; WILL, Steven
(74) Spruson & Ferguson

(71) OWENS-BROCKWAY GLASS CONTAINER INC.
(11) AU-A-2021355513
(21) 2021355513 (22) 01.10.2021
(54) BULK MATERIAL RETRIEVAL AND TRANSPORT SYSTEM AND METHODS
(51) Int. Cl.
B65D 88/30 (2006.01)
B65D 90/20 (2006.01)
(87) WO2022/072893
(31) 17/061,302 (32) 01.10.20 (33) US
(43) 07.04.2022
(72) HOLMES, Kirk; WILL, Steven
(74) Spruson & Ferguson

(71) OWENS-BROCKWAY GLASS CONTAINER INC.
(11) AU-A-2021364103
(21) 2021364103 (22) 01.10.2021
(54) BULK MATERIAL RECEIVING, CONVEYING, STORING, AND DISPENSING
(51) Int. Cl.
B65D 88/30 (2006.01)
B65D 88/32 (2006.01)
B65D 90/20 (2006.01)
B65D 90/34 (2006.01)
B65G 53/04 (2006.01)
B65G 65/32 (2006.01)
B65G 65/40 (2006.01)
C03B 3/00 (2006.01)
C03B 5/225 (2006.01)
C03B 5/235 (2006.01)
C03B 5/44 (2006.01)
C03B 7/10 (2006.01)
C03B 25/04 (2006.01)
(87) WO2022/086698
(31) 17/061,302 (32) 01.10.20 (33) US
(43) 28.04.2022
(72) HOLMES, Kirk; WILL, Steven
(74) Spruson & Ferguson

(71) PALLEON PHARMACEUTICALS INC.
(11) AU-A-2022205638
(21) 2022205638 (22) 06.01.2022
(54) SIALIDASE-PD-1-ANTIBODY FUSION PROTEINS AND METHODS OF USE THEREOF
(51) Int. Cl.
C12N 9/24 (2006.01)
A01H 1/06 (2006.01)
A61K 39/395 (2006.01)
A61K 39/44 (2006.01)
A61P 35/00 (2006.01)

C12N 15/09 (2006.01)
(87) WO2022/150507
(31) 63/134,415 (32) 06.01.21 (33) US
(43) 14.07.2022
(72) PENG, Li; XU, Lihui; TURNER, Autumn
(74) RNB IP PTY LTD

(71) PALLEON PHARMACEUTICALS INC.
(11) AU-A-2022206263
(21) 2022206263 (22) 06.01.2022
(54) SIALIDASE-HER2-ANTIBODY FUSION PROTEINS AND METHODS OF USE THEREOF
(51) Int. Cl.
C12N 9/24 (2006.01)
A01H 1/06 (2006.01)
A61K 39/395 (2006.01)
A61K 39/44 (2006.01)
A61P 35/00 (2006.01)
C12N 15/09 (2006.01)
(87) WO2022/150516
(31) 63/134,411 (32) 06.01.21 (33) US
 63/217,998 02.07.21 US
(43) 14.07.2022
(72) PENG, Li; CAO, Lizhi; SHELKE, Sandip A.
(74) RNB IP PTY LTD

(71) PALLEON PHARMACEUTICALS INC.
(11) AU-A-2022206264
(21) 2022206264 (22) 06.01.2022
(54) ANTI-PD-L1 ANTIBODIES AND FUSION PROTEINS THEREOF
(51) Int. Cl.
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/150521
(31) 63/134,412 (32) 06.01.21 (33) US
(43) 14.07.2022
(72) PENG, Li; CHE, Jenny; XU, Lihui
(74) RNB IP PTY LTD

(71) PARK, M.K.
(11) AU-A-2021417544
(21) 2021417544 (22) 26.11.2021
(54) WATER-BASED FIRE-EXTINGUISHING AGENT
(51) Int. Cl.
A62D 1/00 (2006.01)
A62C 3/16 (2006.01)
(87) WO2022/149723
(31) 10-2021-0000653 (32) 05.01.21 (33) KR
(43) 14.07.2022
(72) PARK, Myung Kyun
(74) Spruson & Ferguson

(71) PAYPAL, INC.
(11) AU-A-2022214296
(21) 2022214296 (22) 27.01.2022
(54) GOAL-BASED DYNAMIC MODIFICATIONS TO USER INTERFACE CONTENT
(51) Int. Cl.
G06F 16/95 (2019.01)
G06F 16/953 (2019.01)
G06F 16/9535 (2019.01)
G06F 16/9536 (2019.01)

G06F 16/9538 (2019.01)
(87) WO2022/165055
(31) 17/159,750 (32) 27.01.21 (33) US
(43) 04.08.2022
(72) ROBERTS, Gwendolyn, Phelan; BACVANSKI, Vladimir; TODASCO, Michael, Charles
(74) FPA Patent Attorneys Pty Ltd

(71) PHOENIX TAILINGS, INC.
(11) AU-A-2021396366
(21) 2021396366 (22) 10.12.2021
(54) METAL RECOVERY USING MOLTEN SALT AND RELATED SYSTEMS
(51) Int. Cl.
C22B 11/00 (2006.01)
C22B 1/08 (2006.01)
C22B 3/10 (2006.01)
C22B 11/06 (2006.01)
C22B 15/00 (2006.01)
(87) WO2022/125872
(31) 63/124,618 (32) 11.12.20 (33) US
 17/170,678 08.02.21 US
 63/174,220 13.04.21 US
(43) 16.06.2022
(72) VILLALON, Thomas, Anthony, Jr.
(74) RnB IP Pty Ltd

(71) PI-DESIGN AG
(11) AU-A-2021395332
(21) 2021395332 (22) 06.12.2021
(54) FILTER DEVICE FOR FILTERING INSOLUBLE MATERIAL
(51) Int. Cl.
A47J 31/20 (2006.01)
(87) WO2022/122660
(31) 10 2020 133 229.7 (32) 11.12.20 (33) DE
(43) 16.06.2022
(72) BODUM, Jorgen
(74) Franke Hyland Pty Ltd

(71) PIPESNAKE AS
(11) AU-A-2021403615
(21) 2021403615 (22) 16.12.2021
(54) APPARATUS FOR PROPULSION AND OPERATIONS INSIDE A CYLINDRICAL BODY
(51) Int. Cl.
F16L 55/30 (2006.01)
(87) WO2022/129328
(31) 20201391 (32) 17.12.20 (33) NO
(43) 23.06.2022
(72) HAUKOM, Ivar; SKAGESTAD, Trond
(74) FB Rice Pty Ltd

(71) PROPRIO, INC.
(11) AU-A-2021414195
(21) 2021414195 (22) 29.12.2021
(54) METHODS AND SYSTEMS FOR REGISTERING PREOPERATIVE IMAGE DATA TO INTRAOPERATIVE IMAGE DATA OF A SCENE, SUCH AS A SURGICAL SCENE
(51) Int. Cl.
A61B 34/10 (2016.01)
A61B 34/20 (2016.01)
G06T 7/33 (2017.01)

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

- G06T 15/08** (2011.01)
(87) WO2022/147083
(31) 17/140,885 **(32)** 04.01.21 **(33)** US
(43) 07.07.2022
(72) AGHDASI, Nava; YOUNGQUIST, James Andrew
(74) Spruson & Ferguson
-
- (71)** PULPAC AB
(11) AU-A-2022208295
(21) 2022208295 **(22)** 05.01.2022
(54) A METHOD FOR FORMING CELLULOSE PRODUCTS IN A FORMING MOULD SYSTEM FROM A CELLULOSE BLANK STRUCTURE, A FORMING MOULD SYSTEM, AND A CELLULOSE BLANK STRUCTURE
(51) Int. Cl.
D21J 5/00 (2006.01)
B29C 51/00 (2006.01)
(87) WO2022/152609
(31) 21152151.3 **(32)** 18.01.21 **(33)** EP
(43) 21.07.2022
(72) LARSSON, Ove; GUIDOTTI, Edward; HÖGBLOM, Olle
(74) Davies Collison Cave Pty Ltd
-
- (71)** PUREWICK CORPORATION
(11) AU-A-2022206202
(21) 2022206202 **(22)** 05.01.2022
(54) FLUID COLLECTION ASSEMBLIES INCLUDING AT LEAST ONE NON-WOVEN MATERIAL
(51) Int. Cl.
A61F 5/453 (2006.01)
(87) WO2022/150360
(31) 63/134,754 **(32)** 07.01.21 **(33)** US
(43) 14.07.2022
(72) SCHNEIDER, Seth; ESPOSITO, Anthony; HERNANDEZ, Samuel; OFOSU, Simon; HINE, Robert
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021413536
(21) 2021413536 **(22)** 30.12.2021
(54) REFRIGERATOR
(51) Int. Cl.
F25D 23/12 (2006.01)
(87) WO2022/143910
(31) 202110002325.3 **(32)** 04.01.21 **(33)** CN
(43) 07.07.2022
(72) MOU, Guoliang; ZHANG, Yanqing; ZHAO, Zhenyu; YANG, Jun; DU, Qihai; ZHANG, Fangyou
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021413684
(21) 2021413684 **(22)** 30.12.2021
-
- (54)** REFRIGERATOR DOOR BODY AND MANUFACTURING METHOD THEREFOR, AND REFRIGERATOR
(51) Int. Cl.
F25D 23/02 (2006.01)
F25D 11/02 (2006.01)
F25D 23/12 (2006.01)
(87) WO2022/143909
(31) 202110002310.7 **(32)** 04.01.21 **(33)** CN
(43) 07.07.2022
(72) MOU, Guoliang; ZHANG, Yanqing; YANG, Jun; ZHAO, Zhenyu; SONG, Xiangpeng; ZHANG, Fangyou
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021414245
(21) 2021414245 **(22)** 30.12.2021
(54) REFRIGERATOR
(51) Int. Cl.
F25D 21/14 (2006.01)
(87) WO2022/143908
(31) 202110002141.7 **(32)** 04.01.21 **(33)** CN
(31) 202110002283.3 **(32)** 04.01.21 **(33)** CN
(43) 07.07.2022
(72) ZHAO, Zhenyu; ZHU, Xiaobing; ZHANG, Yanqing; SONG, Xiangpeng; MOU, Guoliang; ZHANG, Fangyou
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021417343
(21) 2021417343 **(22)** 15.11.2021
(54) WATERWAY INTEGRATED DEVICE AND REFRIGERATOR HAVING SAME
(51) Int. Cl.
F25D 3/00 (2006.01)
(87) WO2022/148133
(31) 202110012905.0 **(32)** 06.01.21 **(33)** CN
(43) 14.07.2022
(72) YANG, Jun; MOU, Guoliang; ZHANG, Fangyou
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021417348
(21) 2021417348 **(22)** 23.11.2021
(54) WATER PATH INTEGRATED STRUCTURE AND REFRIGERATOR HAVING SAME
(51) Int. Cl.
F25D 3/00 (2006.01)
(87) WO2022/148158
(31) 202110012125.6 **(32)** 06.01.21 **(33)** CN
(43) 14.07.2022
(72) YANG, Jun; ZHANG, Yanqing; ZHANG, Fangyou; ZUO, Lihua; MOU, Guoliang
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021417771
(21) 2021417771 **(22)** 15.11.2021
(54) WATER PATH INTEGRATED DEVICE AND REFRIGERATOR WITH SAME
(51) Int. Cl.
F25D 23/12 (2006.01)
(87) WO2022/148134
(31) 202110012934.7 **(32)** 06.01.21 **(33)** CN
(43) 14.07.2022
(72) YANG, Jun; MOU, Guoliang; ZHANG, Fangyou
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
(11) AU-A-2021418092
(21) 2021418092 **(22)** 23.11.2021
(54) WATER PATH INTEGRATED STRUCTURE AND REFRIGERATOR HAVING SAME
(51) Int. Cl.
F25C 1/00 (2006.01)
F16L 37/24 (2006.01)
(87) WO2022/148157
(31) 202110012962.9 **(32)** 06.01.21 **(33)** CN
(43) 14.07.2022
(72) YANG, Jun
(74) Davies Collison Cave Pty Ltd
-
- (71)** QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
(11) AU-A-2022206215
(21) 2022206215 **(22)** 05.01.2022
(54) ICE-MAKING ASSEMBLY AND REFRIGERATOR
(51) Int. Cl.
F25C 1/00 (2006.01)
F25D 11/02 (2006.01)
(87) WO2022/148353
(31) 202110007573.7 **(32)** 05.01.21 **(33)** CN
(43) 14.07.2022
(72) ZHAO, Zhenyu; ZHANG, Yanqing; ZHAO, Bintang; SONG, Xiangpeng; ZHANG, Fangyou
(74) Davies Collison Cave Pty Ltd
-
- (71)** Qingdao University of Technology
(11) AU-A-2022305654
(21) 2022305654 **(22)** 15.06.2022
(54) ECT-based quantitative monitoring method for moisture transport
(51) Int. Cl.
G01N 27/22 (2006.01)
(31) 202210005164.8 **(32)** 04.01.22 **(33)** CN
(43) 20.07.2023
(72) ZHANG, Peng; WANG, Wentao; BAO, Jiuwen; XUE, Shanbin
(74) Golja Haines & Friend
-
- (71)** R.P. SCHERER TECHNOLOGIES, LLC
(11) AU-A-2022207459
(21) 2022207459 **(22)** 13.01.2022

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

- (54) DUAL-CLEAVAGE ESTER LINKERS FOR ANTIBODY-DRUG CONJUGATES
(51) Int. Cl.
A61K 47/54 (2017.01)
A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
C07D 209/56 (2006.01)
(87) WO2022/155362
(31) 63/138,255 (32) 15.01.21 (33) US
(43) 21.07.2022
(72) CHUPRAKOV, Stepan; OGUNKOYA, Ayodele O.; DRAKE, Penelope M.
(74) FB Rice Pty Ltd
-
- (71) RAYTHEON COMPANY
(11) AU-A-2021421146
(21) 2021421146 (22) 27.08.2021
(54) CONFORMAL FLUID RESERVOIR FOR THERMAL MANAGEMENT
(51) Int. Cl.
H05K 7/14 (2006.01)
(87) WO2022/159144
(31) 17/152,083 (32) 19.01.21 (33) US
(43) 28.07.2022
(72) HOLT, Brendon, R.; YIM, Kevin, Young; TULLIUS, Jami, Frances
(74) RnB IP Pty Ltd
-
- (71) REATA PHARMACEUTICALS HOLDINGS, LLC
(11) AU-A-2021397631
(21) 2021397631 (22) 10.12.2021
(54) SYNTHETIC TRITERPENOIDS FOR USE IN THERAPY
(51) Int. Cl.
A61K 31/56 (2006.01)
A61K 31/58 (2006.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)
A61P 31/12 (2006.01)
(87) WO2022/126129
(31) 63/124,677 (32) 11.12.20 (33) US
(43) 16.06.2022
(72) REISMAN, Scott, Aaron; GAHIR, Sarabjit
(74) RnB IP
-
- (71) REHAU INDUSTRIES SE & CO. KG
(11) AU-A-2021399776
(21) 2021399776 (22) 10.12.2021
(54) CONNECTING ELEMENT SYSTEM FOR PRODUCING A TUBE CONNECTION, TUBE CONNECTION COMPRISING THE FORMER, AND METHOD FOR PRODUCING A TUBE CONNECTION OF THIS TYPE
(51) Int. Cl.
F16L 33/207 (2006.01)
F16L 13/14 (2006.01)
(87) WO2022/128789
(31) 10 2020 133 895.3 (32) 17.12.20 (33) DE
10 2021 106 229.2 15.03.21 DE
(43) 23.06.2022
(72) HOMBURG, Hansi; KIRCHBERGER, Andreas; SCHAAF, Thomas; VOCKS, Oliver
(74) Spruson & Ferguson
-
- (71) REHAU INDUSTRIES SE & CO. KG
(11) AU-A-2021404377
(21) 2021404377 (22) 14.12.2021
(54) PIPE CONNECTION AND CONNECTING ELEMENT FOR ESTABLISHING A PIPE CONNECTION
(51) Int. Cl.
F16L 13/14 (2006.01)
F16L 33/207 (2006.01)
(87) WO2022/129066
(31) 20 2020 107 328.1 (32) 17.12.20 (33) DE
(43) 23.06.2022
(72) HOMBURG, Hansi; KIRCHBERGER, Andreas; SCHAAF, Thomas; VOCKS, Oliver
(74) Spruson & Ferguson
-
- (71) RHEINMETALL LANDSYSTEME GMBH
(11) AU-A-2021421025
(21) 2021421025 (22) 15.12.2021
(54) ANGLE MIRROR WITH BACKUP SIGHT
(51) Int. Cl.
F41H 5/26 (2006.01)
F41G 3/16 (2006.01)
(87) WO2022/156966
(31) 10 2021 101 519.7 (32) 25.01.21 (33) DE
(43) 28.07.2022
(72) REIF, Thorsten; VON SOLMS, Friedrich
(74) AJ PARK
-
- (71) RITRAMA S.P.A.
(11) AU-A-2021416743
(21) 2021416743 (22) 29.12.2021
(54) LINERLESS SELF-ADHESIVE MATERIAL WITH WASH-OFF PROPERTIES
(51) Int. Cl.
C09J 7/22 (2018.01)
B31D 1/02 (2006.01)
B32B 27/08 (2006.01)
C09J 7/20 (2018.01)
C09J 7/24 (2018.01)
C09J 7/25 (2018.01)
C09J 7/35 (2018.01)
C09J 7/38 (2018.01)
G09F 3/02 (2006.01)
G09F 3/10 (2006.01)
(87) WO2022/149043
(31) 102021000000197 (32) 07.01.21 (33) IT
(43) 14.07.2022
(72) GALLI, Luciano
(74) Spruson & Ferguson
-
- (71) RODRÍGUEZ SAJEVA, O.N.; BRIE, S.J.; DÍAZ BRIE, M.
(11) AU-A-2021391062
(21) 2021391062 (22) 02.12.2021
(54) OCTAHEDRAL RETICULATED STE-REO MODULE FOR THE CONSTRUCTION OF BUILDINGS
(51) Int. Cl.
E04B 1/348 (2006.01)
E04B 1/342 (2006.01)
(87) WO2022/119434
(31) P20200103382 (32) 03.12.20 (33) AR
-
- (43) 09.06.2022
(72) RODRÍGUEZ SAJEVA, Osvaldo Néstor
(74) AJ PARK
-
- (71) ROTACASTER WHEEL PTY LTD
(11) AU-A-2021394121
(21) 2021394121 (22) 09.12.2021
(54) SUPPORT DOLLIE
(51) Int. Cl.
B62B 5/00 (2006.01)
A47G 7/04 (2006.01)
B60B 19/00 (2006.01)
B62B 3/10 (2006.01)
(87) WO2022/120430
(31) 2020904579 (32) 09.12.20 (33) AU
(43) 16.06.2022
(72) MCKINNON, Peter
(74) Sandercock & Cowie
-
- (71) ROTOJAR INNOVATIONS LIMITED
(11) AU-A-2021399111
(21) 2021399111 (22) 16.12.2021
(54) RECIPROCATING DRIVE APPARATUS
(51) Int. Cl.
E21B 7/24 (2006.01)
E21B 17/10 (2006.01)
E21B 28/00 (2006.01)
E21B 31/113 (2006.01)
E21B 34/12 (2006.01)
(87) WO2022/129429
(31) 2019918.8 (32) 16.12.20 (33) GB
2106870.5 13.05.21 GB
(43) 23.06.2022
(72) MOYES, Peter Barnes
(74) Griffith Hack
-
- (71) ROTOJAR INNOVATIONS LIMITED
(11) AU-A-2021401157
(21) 2021401157 (22) 16.12.2021
(54) DOWNHOLE DRAG REDUCTION APPARATUS
(51) Int. Cl.
E21B 7/24 (2006.01)
E21B 17/10 (2006.01)
E21B 28/00 (2006.01)
E21B 34/12 (2006.01)
(87) WO2022/129412
(31) 2019918.8 (32) 16.12.20 (33) GB
2106868.9 13.05.21 GB
(43) 23.06.2022
(72) MOYES, Peter Barnes
(74) Griffith Hack
-
- (71) S.H.I BIO CO., LTD.
(11) AU-A-2021390312
(21) 2021390312 (22) 02.12.2021
(54) ANNULOPLASTY RING AND METHOD FOR PRODUCING SAME
(51) Int. Cl.
A61F 2/24 (2006.01)
(87) WO2022/118919
(31) 2020-200594 (32) 02.12.20 (33) JP
(43) 09.06.2022
(72) ITO, Toshiaki
(74) Griffith Hack

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

- (71) SABAN VENTURES PTY LIMITED
 (11) AU-A-2021397807
 (21) 2021397807 (22) 07.12.2021
 (54) ENVIRONMENTAL DECONTAMINATION
 (51) Int. Cl.
 A61L 2/10 (2006.01)
 A61L 9/015 (2006.01)
 A61L 9/20 (2006.01)
 (87) WO2022/120416
 (31) 2020904516 (32) 07.12.20 (33) AU
 (43) 16.06.2022
 (72) BERENTSVEIG, Vladimir
 (74) Spruson & Ferguson
-
- (71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-A-2021431719
 (21) 2021431719 (22) 29.11.2021
 (54) ELECTRONIC APPARATUS COMPRISING FLEXIBLE PRINTED CIRCUIT BOARD
 (51) Int. Cl.
 H05K 1/14 (2006.01)
 G02B 27/01 (2006.01)
 H05K 1/11 (2006.01)
 H05K 5/00 (2006.01)
 (87) WO2022/186454
 (31) 10-2021-0027455 (32) 02.03.21 (33) KR
 (43) 09.09.2022
 (72) YANG, Hyunmo; UHM, Junwhon; LEE, Jungkeun; PARK, Yonghyun; JEONG, Junmyeong; HONG, Myeongjae
 (74) Griffith Hack
-
- (71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-A-2022212670
 (21) 2022212670 (22) 11.01.2022
 (54) HINGE STRUCTURE AND ELECTRONIC DEVICE COMPRISING SAME
 (51) Int. Cl.
 H04M 1/02 (2006.01)
 F16C 11/04 (2006.01)
 G06F 1/16 (2006.01)
 G09F 9/30 (2006.01)
 (87) WO2022/164081
 (31) 10-2021-0013653 (32) 29.01.21 (33) KR
 10-2021-0034842 17.03.21 KR
 (43) 04.08.2022
 (72) HAN, Yonghwa
 (74) Griffith Hack
-
- (71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-A-2022222248
 (21) 2022222248 (22) 13.01.2022
 (54) ANTENNA AND ELECTRONIC APPARATUS COMPRISING SAME
 (51) Int. Cl.
 H01Q 1/38 (2006.01)
 H01Q 1/24 (2006.01)
 H01Q 21/06 (2006.01)
 (87) WO2022/177163
 (31) 10-2021-0022188 (32) 18.02.21 (33) KR
 10-2021-0079616 18.06.21 KR
 (43) 25.08.2022
 (72) CHO, Namjun; SON, Junghwan; NA, Hyoseok; KIM, Youngju
 (74) Griffith Hack
-
- (71) SANA BIOTECHNOLOGY, INC.
 (11) AU-A-2022206324
 (21) 2022206324 (22) 10.01.2022
 (54) USE OF CD8-TARGETED VIRAL VECTORS
 (51) Int. Cl.
 C12N 15/86 (2006.01)
 A61K 35/17 (2015.01)
 A61K 39/00 (2006.01)
 (87) WO2022/150731
 (31) 63/136,202 (32) 11.01.21 (33) US
 63/150,498 17.02.21 US
 63/168,235 30.03.21 US
 63/211,947 17.06.21 US
 (43) 14.07.2022
 (72) SHAH, Jagesh Vijaykumar; BANDORO, Christopher; CRUITE, Patricia; ELPEK, Kutlu; EMMANUEL, Akinola Olumide; MACKENZIE, Lauren Pepper; TRUDEAU, Kyle Marvin
 (74) RnB IP Pty Ltd
-
- (71) SANWA KAGAKU KENKYUSHO CO., LTD.
 (11) AU-A-2022215452
 (21) 2022215452 (22) 04.02.2022
 (54) PHARMACEUTICAL COMPRISING GLYCOPYRROLIUM-SALICYLATE
 (51) Int. Cl.
 A61K 31/40 (2006.01)
 A61K 9/70 (2006.01)
 A61P 25/00 (2006.01)
 (87) WO2022/168940
 (31) 2021-017091 (32) 05.02.21 (33) JP
 (43) 11.08.2022
 (72) UECHI Kazuhiro; SAKAIRI Masao; SUGITANI Sou; MORIMOTO Nobutaka; TAKADA Kazuki; NAKAMURA Takehiko
 (74) Spruson & Ferguson
-
- (71) SAUDI ARABIAN OIL COMPANY
 (11) AU-A-2022204995
 (21) 2022204995 (22) 04.01.2022
 (54) CARBON DIOXIDE CAPTURE
 (51) Int. Cl.
 B01D 69/02 (2006.01)
 B01D 53/02 (2006.01)
 B01D 53/10 (2006.01)
 B01D 69/14 (2006.01)
 (87) WO2022/147555
 (31) 17/140,258 (32) 04.01.21 (33) US
 (43) 07.07.2022
 (72) YOUNES, Mourad; JAMAL, Aqil
 (74) RnB IP Pty Ltd
-
- (71) SCOTSMAN ICE S.R.L.
 (11) AU-A-2021422338
 (21) 2021422338 (22) 17.12.2021
 (54) SYSTEM FOR CONTROLLING AND MONITORING ICE MAKING MACHINES
 (51) Int. Cl.
 F25C 1/04 (2018.01)
 F25D 29/00 (2006.01)
 (87) WO2022/156973
 (31) 102021000000962 (32) 20.01.21 (33) IT
 (43) 28.07.2022
 (72) VANIA, Tommaso
 (74) MINTER ELLISON
-
- (71) SCOUT BIO, INC.
 (11) AU-A-2022340808
 (21) 2022340808 (22) 31.08.2022
 (54) ANTIGEN-BINDING MOLECULES AND USES THEREOF
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61P 3/04 (2006.01)
 A61P 29/02 (2006.01)
 C07K 16/22 (2006.01)
 (87) WO2023/034880
 (31) 63/239,054 (32) 31.08.21 (33) US
 (43) 09.03.2023
 (72) BUSFIELD, Samantha J.; WILSON, Matthew J.
 (74) Davies Collison Cave Pty Ltd
-
- (71) S-CUBE SRL
 (11) AU-A-2021390204
 (21) 2021390204 (22) 02.12.2021
 (54) SYSTEM FOR THE AUTOMATIC CONNECTION AND/OR DISCONNECTION OF THE ELECTRIC POWER SUPPLY AND/OR DATA CONNECTION FOR REFRIGERATED CONTAINERS
 (51) Int. Cl.
 F25D 29/00 (2006.01)
 B60L 53/35 (2019.01)
 (87) WO2022/118239
 (31) 102020000029687 (32) 03.12.20 (33) IT
 (43) 09.06.2022
 (72) CURLETTO, Pierluigi; PELLEGGOTTI, Fulvio
 (74) Griffith Hack
-
- (71) SCV - SPEZIALCHEMIKALIENVERTRIEB GMBH
 (11) AU-A-2022211563
 (21) 2022211563 (22) 20.01.2022
 (54) PRECURSOR MARKER AND RADIO-TRACER FOR NUCLEAR-MEDICAL DIAGNOSIS AND THERAPY OF BONE-METASTATIC PROSTATE CANCER
 (51) Int. Cl.
 A61K 51/04 (2006.01)
 A61P 35/04 (2006.01)
 A61K 103/30 (2006.01)
 (87) WO2022/157277
 (31) 10 2021 101 216.3 (32) 21.01.21 (33) DE
 (43) 28.07.2022
 (72) RÖSCH, Frank; GRUS, Tilman
 (74) Griffith Hack
-
- (71) SECARNA PHARMACEUTICALS GMBH & CO. KG
 (11) AU-A-2021414304
 (21) 2021414304 (22) 31.12.2021
 (54) OLIGONUCLEOTIDES REDUCING THE AMOUNT OF CD73 MRNA AND CD73 PROTEIN EXPRESSION
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/7088 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2022/144439

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

- (31) 20217955.2 (32) 31.12.20 (33) EP
(43) 07.07.2022
(72) JASCHINSKI, Frank; MICHEL, Sven;
KLAR, Richard; FESTAG, Julia
(74) FB Rice Pty Ltd
-
- (71) SEKISUI HOUSE, LTD.
(11) AU-A-2021425264
(21) 2021425264 (22) 02.02.2021
(54) ANCHOR SUPPORT MEMBER
(51) Int. Cl.
E02D 27/00 (2006.01)
E04G 9/10 (2006.01)
(87) WO2022/168138
(43) 11.08.2022
(72) TSUTSUMI Tetsufumi; MATSUBARA
Yoshiyuki; WATANABE Hideki
(74) Spruson & Ferguson
-
- (71) SENECA THERAPEUTICS, INC.
(11) AU-A-2022205429
(21) 2022205429 (22) 11.01.2022
(54) SENECA VALLEY VIRUS COMBINA-
TION THERAPY TO TREAT A CAN-
CER REFRACTORY TO A CHECK-
POINT INHIBITOR
(51) Int. Cl.
A61K 35/768 (2015.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12N 7/00 (2006.01)
C12N 7/01 (2006.01)
(87) WO2022/150769
(31) 63/135,914 (32) 11.01.21 (33) US
(43) 14.07.2022
(72) HALLENBECK, Paul, L.; CHADA, Sunil
(74) Davies Collison Cave Pty Ltd
-
- (71) SENECA THERAPEUTICS, INC.
(11) AU-A-2022210419
(21) 2022210419 (22) 19.01.2022
(54) ARMED SENECA VALLEY VIRUS ON-
COLYTIC THERAPY COMPOSITIONS
AND METHODS THEREOF
(51) Int. Cl.
C12N 7/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/55 (2006.01)
C12N 15/09 (2006.01)
G01N 33/68 (2006.01)
(87) WO2022/159508
(31) 63/138,999 (32) 19.01.21 (33) US
(43) 28.07.2022
(72) HALLENBECK, Paul, L.; CHADA, Sunil
(74) Davies Collison Cave Pty Ltd
-
- (71) SENJU PHARMACEUTICAL CO., LTD.
(11) AU-A-2021411868
(21) 2021411868 (22) 28.12.2021
(54) NRF2-ACTIVATING COMPOUND
(51) Int. Cl.
C07D 419/10 (2006.01)
A61K 31/554 (2006.01)
A61P 17/06 (2006.01)
A61P 25/00 (2006.01)
A61P 27/02 (2006.01)
-
- (71) A61P 43/00 (2006.01)
C07D 515/04 (2006.01)
(87) WO2022/145459
(31) 2020-218261 (32) 28.12.20 (33) JP
(43) 07.07.2022
(72) MIYABE, Tomoyo; MACHIDA, Shin-
nosuke; OBA, Yuka; KAKEHI, Masaki;
IMADA, Takashi; NAKAJIMA, Takeshi
(74) Davies Collison Cave Pty Ltd
-
- (71) SEQIRUS INC.
(11) AU-A-2021393843
(21) 2021393843 (22) 02.12.2021
(54) SELF-REPLICATING RNA AND USES
THEREOF
(51) Int. Cl.
A61K 9/127 (2006.01)
A61K 39/12 (2006.01)
A61K 39/215 (2006.01)
A61K 48/00 (2006.01)
C07H 21/04 (2006.01)
C12N 15/00 (2006.01)
C12N 15/113 (2010.01)
(87) WO2022/118227
(31) 63/120,370 (32) 02.12.20 (33) US
(43) 09.06.2022
(72) ALLEN, Pirada; DE SOUZA, Ivna;
WEN, Yingxia; CHANG, Cheng;
CHANGKEUN, Lee
(74) FB Rice Pty Ltd
-
- (71) SERCEL
(11) AU-A-2022212419
(21) 2022212419 (22) 25.01.2022
(54) METHOD FOR STEERING A VESSEL,
RELATED NAVIGATION SYSTEM AND
METHOD FOR SEISMIC DATA AC-
QUISITION
(51) Int. Cl.
G01V 1/38 (2006.01)
(87) WO2022/161957
(31) 21305119.6 (32) 29.01.21 (33) EP
(43) 04.08.2022
(72) VINJE, Vette
(74) FPA Patent Attorneys Pty Ltd
-
- (71) SGD S.A.
(11) AU-A-2021416728
(21) 2021416728 (22) 22.12.2021
(54) CONTAINER MADE FROM SODA-
LIME GLASS WITH IMPROVED
CHEMICAL RESISTANCE FOR A
PHARMACEUTICAL OR DIAGNOSTIC
SUBSTANCE
(51) Int. Cl.
C03C 4/20 (2006.01)
A61J 1/00 (2023.01)
C03C 23/00 (2006.01)
(87) WO2022/148918
(31) FR2100213 (32) 11.01.21 (33) FR
(43) 14.07.2022
(72) ETCHEPARE, Pierre-Luc; DEPOILLY,
Christophe; ZHANG, Jingwei
(74) Michael Buck IP
-
- (71) SGD S.A.
(11) AU-A-2021417417
-
- (21) 2021417417 (22) 22.12.2021
(54) CONTAINER MADE OF BOROSILIC-
ATE GLASS WITH IMPROVED CHEM-
ICAL RESISTANCE FOR A PHARMA-
CEUTICAL OR DIAGNOSTIC SUB-
STANCE
(51) Int. Cl.
C03C 4/20 (2006.01)
A61J 1/14 (2023.01)
C03C 23/00 (2006.01)
(87) WO2022/148917
(31) FR2100222 (32) 11.01.21 (33) FR
(43) 14.07.2022
(72) ETCHEPARE, Pierre-Luc; DEPOILLY,
Christophe; ZHANG, Jingwei
(74) Michael Buck IP
-
- (71) SHANDONG UNIVERSITY OF SCI-
ENCE AND TECHNOLOGY
(11) AU-A-2022389225
(21) 2022389225 (22) 25.04.2022
(54) METHOD FOR MONITORING AND
CONTROLLING SUPPORTING POS-
TURE OF SUPPORTING-TYPE HY-
DRAULIC SUPPORT
(51) Int. Cl.
G01C 1/00 (2006.01)
E21D 15/44 (2006.01)
G05D 3/12 (2006.01)
(87) WO2023/087619
(31) 202111373397.5 (32) 19.11.21 (33) CN
(43) 25.05.2023
(72) XIE, Yunyue; ZHANG, Shaoqi; SONG,
Weikang; TIAN, Maolin; XIAO, Hong-
tian; MENG, Zhaosheng
(74) Spruson & Ferguson
-
- (71) SHANGHAI EUREGEN BIOPHARMA
CO., LTD.; SHANGHAI YOULI BIO-
PHARMA CO., LTD.
(11) AU-A-2021408227
(21) 2021408227 (22) 23.12.2021
(54) SPIROCYCLIC COMPOUND AS
KRAS-G12C INHIBITOR
(51) Int. Cl.
C07D 487/10 (2006.01)
A61K 31/519 (2006.01)
A61K 31/527 (2006.01)
A61P 35/00 (2006.01)
C07D 487/20 (2006.01)
C07D 491/107 (2006.01)
(87) WO2022/135546
(31) 202011556213.4 (32) 25.12.20 (33) CN
202110619679.2 03.06.21 CN
(43) 30.06.2022
(72) CHEN, Xuxing; LI, Jing; CHEN, Yan-
hong; ZHAO, Zhao
(74) FPA Patent Attorneys Pty Ltd
-
- (71) SHANGHAI FUDAN-ZHANGJIANG
BIO-PHARMACEUTICAL CO., LTD.
(11) AU-A-2020479745
(21) 2020479745 (22) 04.12.2020
(54) ANTIBODY-DRUG CONJUGATE, AND
INTERMEDIATE THEREOF, PREPAR-
ATION METHOD THEREFOR, AND
APPLICATION THEREOF
(51) Int. Cl.
A61K 47/68 (2017.01)

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

- A61P 35/00** (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/116141
(43) 09.06.2022
(72) GUO, Qingsong; SHEN, Yijun; YANG, Tong; BAO, Bin; GAO, Bei; WU, Fang; XU, Jun
(74) FB Rice Pty Ltd
-
- (71)** SHERRITT INTERNATIONAL CORPORATION
(11) AU-A-2022226855
(21) 2022226855 **(22)** 23.02.2022
(54) CO-PROCESSING OF COPPER SULPHIDE CONCENTRATE WITH NICKEL LATERITE ORE
(51) Int. Cl.
C22B 3/08 (2006.01)
C22B 3/22 (2006.01)
C22B 3/26 (2006.01)
C25C 1/12 (2006.01)
C22B 15/00 (2006.01)
C22B 23/00 (2006.01)
(87) WO2022/178628
(31) 17/184,480 **(32)** 24.02.21 **(33)** US
(43) 01.09.2022
(72) SMIT, Jan; HOLLOWAY, Preston Carl; COLLINS, Michael Joseph; TSHILOMBO, Alain; TUFFREY, Nigel Edwin
(74) A.P.T. Patent and Trade Mark Attorneys
-
- (71)** SICHUAN HAISCO PHARMACEUTICAL CO., LTD.
(11) AU-A-2021405918
(21) 2021405918 **(22)** 24.12.2021
(54) FIVE-MEMBERED RING DERIVATIVE AND MEDICAL USE THEREOF
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/497 (2006.01)
A61P 3/10 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 495/04 (2006.01)
C07D 513/04 (2006.01)
(87) WO2022/135572
(31) 202011557297.3 **(32)** 25.12.20 **(33)** CN
 202110109531.4 27.01.21 CN
 202110403365.9 16.04.21 CN
 202111000175.9 02.09.21 CN
(43) 30.06.2022
(72) ZHANG, Chen; LEI, Ming; ZHAO, Mingliang; YU, Yan; TANG, Pingming; WENG, Guanglin; MOU, Tao; LI, Yao; NI, Jia; YAN, Pangke
(74) FB Rice Pty Ltd
-
- (71)** SIGNPATH PHARMA, INC.
(11) AU-A-2022213291
(21) 2022213291 **(22)** 21.01.2022
(54) LIPIDS THAT REDUCE LUNG DAMAGE, IMPROVE PULMONARY FUNCTION AND DECREASE PRO-INFLAMMATORY CYTOKINES
(51) Int. Cl.
A61K 31/22 (2006.01)
A61K 9/127 (2006.01)
-
- A61K 31/683** (2006.01)
(87) WO2022/164721
(31) 63/143,511 **(32)** 29.01.21 **(33)** US
(43) 04.08.2022
(72) SORDILLO, Pater, P.; ALLAIRE, Andrea; BOUCHARD, Annie; SALVAIL, Dan; LABBE, Sebastien, M.
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** SKF LUBRICATION SYSTEMS GERMANY GMBH
(11) AU-A-2022227126
(21) 2022227126 **(22)** 14.02.2022
(54) PROGRESSIVE DISTRIBUTOR
(51) Int. Cl.
F16N 25/02 (2006.01)
F16N 7/38 (2006.01)
F16N 21/00 (2006.01)
(87) WO2022/179874
(31) 10 2021 104 272.0 **(32)** 23.02.21 **(33)** DE
(43) 01.09.2022
(72) KREUTZKÄMPER, Jürgen; SCHÖNFELD, Andreas; ZAHN, Dennis
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** SLEEP NUMBER CORPORATION
(11) AU-A-2021426852
(21) 2021426852 **(22)** 22.12.2021
(54) BED HAVING FEATURES FOR DETERMINING AND MODIFYING TEMPERATURE OF A SLEEP ENVIRONMENT
(51) Int. Cl.
A47C 31/12 (2006.01)
A47C 21/04 (2006.01)
(87) WO2022/173514
(31) 63/147,499 **(32)** 09.02.21 **(33)** US
(43) 18.08.2022
(72) GARCIA MOLINA, Gary N.; HINO, Yuki; PEDERSEN, Dillon; BARR, Shawn; KARSCHNIK, Kody Lee; SIYAHIANI, Farzad; GRABINGER, Cory Lee
(74) Spruson & Ferguson
-
- (71)** SOCIAL MARKET ANALYTICS, INC.
(11) AU-A-2021410731
(21) 2021410731 **(22)** 21.12.2021
(54) SYSTEM AND METHOD FOR PARSING REGULATORY AND OTHER DOCUMENTS FOR MACHINE SCORING
(51) Int. Cl.
G06F 17/00 (2019.01)
(87) WO2022/140471
(31) 63/128,571 **(32)** 21.12.20 **(33)** US
(43) 30.06.2022
(72) SMITH, Trevor Jerome; RAFIQ, Umair
(74) Chrysiliiu IP
-
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-202224953
(21) 202224953 **(22)** 16.02.2022
(54) COMPOSITION AND KIT FOR ALLEVIATING SYMPTOMS OF RESPIRATORY ALLERGY IN TODDLERS
(51) Int. Cl.
H04S 7/00 (2006.01)
H04R 3/12 (2006.01)
H04R 5/02 (2006.01)
H04S 5/00 (2006.01)
-
- (51)** Int. Cl.
A61K 31/05 (2006.01)
A61K 31/353 (2006.01)
A61K 35/744 (2015.01)
A61K 35/747 (2015.01)
A61P 11/00 (2006.01)
A61P 37/00 (2006.01)
A61P 37/08 (2006.01)
(87) WO2022/179905
(31) 21 158670.6 **(32)** 23.02.21 **(33)** EP
(43) 01.09.2022
(72) BLANCHARD, Carine; HOLVOET, Sébastien
(74) Spruson & Ferguson
-
- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-202225057
(21) 202225057 **(22)** 23.02.2022
(54) COMPOSITIONS AND METHODS USING A COMBINATION OF OLEUROPEIN AND MAGNESIUM
(51) Int. Cl.
A61K 31/05 (2006.01)
A23K 10/00 (2016.01)
A23L 33/00 (2016.01)
A61K 31/08 (2006.01)
A61K 31/351 (2006.01)
A61K 31/4415 (2006.01)
A61K 31/7048 (2006.01)
A61K 33/06 (2006.01)
A61K 45/06 (2006.01)
A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 3/12 (2006.01)
A61P 19/00 (2006.01)
(87) WO2022/180119
(31) 21 159722.4 **(32)** 26.02.21 **(33)** EP
(43) 01.09.2022
(72) DE MARCHI, Umberto; FEIGE, Jerome; STUELSATZ, Pascal
(74) Spruson & Ferguson
-
- (71)** SOLIS HERRERA, A.
(11) AU-A-2022207738
(21) 2022207738 **(22)** 07.01.2022
(54) METHOD FOR TREATMENT OF WATER
(51) Int. Cl.
C02F 1/00 (2023.01)
C02F 1/30 (2023.01)
(87) WO2022/153153
(31) 63/136,375 **(32)** 12.01.21 **(33)** US
(43) 21.07.2022
(72) SOLIS HERRERA, Arturo
(74) Chrysiliiu IP
-
- (71)** Sonos, Inc.
(11) AU-A-2020392253
(21) 2020392253 **(22)** 24.11.2020
(54) Systems and methods of spatial audio playback with cancellation of unwanted direct sound
(51) Int. Cl.
H04S 7/00 (2006.01)
H04R 3/12 (2006.01)
H04R 5/02 (2006.01)
H04S 5/00 (2006.01)

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

- (87) WO2021/108805
(31) 62/940,640 (32) 26.11.19 (33) US
(43) 03.06.2021
(72) MACLEAN, Paul
(74) Spruson & Ferguson
-
- (71) SORTERRA PTY LTD
(11) AU-A-2021393368
(21) 2021393368 (22) 30.11.2021
(54) METHOD AND APPARATUS FOR SORTING FLOWABLE SOLID MATERIAL
(51) Int. Cl.
B07B 13/16 (2006.01)
B07B 13/04 (2006.01)
(87) WO2022/115903
(31) 2020904455 (32) 01.12.20 (33) AU
(43) 09.06.2022
(72) STEWART, Adam; BLAGDEN, Troy
(74) Michael Buck IP
-
- (71) SPINE WAVE, INC.
(11) AU-A-2021402907
(21) 2021402907 (22) 10.12.2021
(54) EXPANDABLE TLIF DEVICE AND RELATED INSERTION AND GRAFTING INSTRUMENTATION
(51) Int. Cl.
A61F 2/44 (2006.01)
A61F 2/46 (2006.01)
(87) WO2022/132583
(31) 63/127,316 (32) 18.12.20 (33) US
(43) 23.06.2022
(72) BARREIRO, Peter; MCLEAN, Scott; VIGLIOTTI, Daniel
(74) Spruson & Ferguson
-
- (71) SPRINGS WINDOW FASHIONS, LLC
(11) AU-A-2021416244
(21) 2021416244 (22) 29.12.2021
(54) MOTORIZED SHADE AND WAND ASSEMBLY
(51) Int. Cl.
E06B 9/26 (2006.01)
E06B 9/30 (2006.01)
E06B 9/32 (2006.01)
E06B 9/68 (2006.01)
(87) WO2022/147130
(31) 17/139,580 (32) 31.12.20 (33) US
(43) 07.07.2022
(72) GRAYBAR, Michael, Allen; JUNGERS, Russell, Monroe; KRANTZ-LILIENTHAL, Eric, Nathan
(74) AJ PARK
-
- (71) STOPARKINSON HEALTHCARE SYSTEMS, LLC
(11) AU-A-2021396528
(21) 2021396528 (22) 08.12.2021
(54) ELECTRO-STIMULATION APPARATUS EFFECTIVE IN AURICULAR STIMULATION
(51) Int. Cl.
A61N 1/05 (2006.01)
(87) WO2022/125672
(31) 63/122,517 (32) 08.12.20 (33) US
-
- (43) 16.06.2022
(72) ÖZDOĞANLAR, O., Burak; ÇAKMAK, Yusuf, Özgür; ÖZSOY, Burak; GEÇER, Yalin; SOYSAL, Ali, Cem
(74) Madderns Pty Ltd
-
- (71) SUBSEA 7 LIMITED
(11) AU-A-2021391996
(21) 2021391996 (22) 01.12.2021
(54) INSTALLING EQUIPMENT IN OFFSHORE MONOPILE FOUNDATIONS
(51) Int. Cl.
F03D 13/10 (2016.01)
F03D 13/25 (2016.01)
(87) WO2022/118015
(31) 2018952.8 (32) 01.12.20 (33) GB
(43) 09.06.2022
(72) MACLEAY, Alan John; HOUEVILLE, Nicolas; DOWN, David John
(74) Allens Patent & Trade Mark Attorneys
-
- (71) SUBTL BEAUTY
(11) AU-A-2021397753
(21) 2021397753 (22) 08.12.2021
(54) BEAUTY SYSTEM
(51) Int. Cl.
A45D 33/00 (2006.01)
(87) WO2022/125669
(31) 63/122,710 (32) 08.12.20 (33) US
(43) 16.06.2022
(72) REID, Rachel
(74) FPA Patent Attorneys Pty Ltd
-
- (71) SUMITOMO METAL MINING CO., LTD.
(11) AU-A-2022423803
(21) 2022423803 (22) 13.12.2022
(54) METHOD FOR PRODUCING LITHIUM HYDROXIDE
(51) Int. Cl.
C01D 15/02 (2006.01)
C22B 3/42 (2006.01)
C22B 3/44 (2006.01)
C22B 26/12 (2006.01)
(87) WO2023/120294
(31) 2021-207750 (32) 22.12.21 (33) JP
(43) 29.06.2023
(72) SENBA Yusuke; TAKANO Masatoshi; ASANO Satoshi; HEGURI Shin-ichi
(74) Davies Collison Cave Pty Ltd
-
- (71) SUNTORY HOLDINGS LIMITED
(11) AU-A-2021405442
(21) 2021405442 (22) 12.10.2021
(54) JASMINE DISTILLED LIQUOR
(51) Int. Cl.
C12H 6/02 (2019.01)
C12G 3/04 (2019.01)
C12G 3/06 (2006.01)
(87) WO2022/137739
(31) 2020-217230 (32) 25.12.20 (33) JP
(43) 30.06.2022
(72) OHIRA, Takahiro
(74) Davies Collison Cave Pty Ltd
-
- (71) SUNTORY HOLDINGS LIMITED
(11) AU-A-2021407176
-
- (21) 2021407176 (22) 08.12.2021
(54) NON-ALCOHOLIC BEER-FLAVORED BEVERAGE, METHOD FOR PRODUCING NON-ALCOHOLIC BEER-FLAVORED BEVERAGE, AND METHOD FOR IMPROVING QUALITY OF BITTERNESS OF NON-ALCOHOLIC BEER-FLAVORED BEVERAGE
(51) Int. Cl.
A23L 2/00 (2006.01)
A23L 2/38 (2021.01)
A23L 2/52 (2006.01)
(87) WO2022/138161
(31) 2020-217077 (32) 25.12.20 (33) JP
(43) 30.06.2022
(72) YOSHII, Takaaki; FUJITA, Yohei; MATSUBARA, Hitoshi; HATA, Yuto
(74) Davies Collison Cave Pty Ltd
-
- (71) SUPERNOVA BIO CO., LTD.
(11) AU-A-2021409688
(21) 2021409688 (22) 21.12.2021
(54) FATTY ACID-MODIFIED POLYMER NANOPARTICLES, AND USE THEREOF
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 8/02 (2006.01)
A61K 8/19 (2006.01)
A61K 8/36 (2006.01)
A61K 9/00 (2006.01)
A61K 33/10 (2006.01)
A61K 47/12 (2006.01)
A61P 3/04 (2006.01)
(87) WO2022/139418
(31) 10-2020-0183085 (32) 24.12.20 (33) KR
(43) 30.06.2022
(72) LEE, Kuen Yong; LEE, Hye Won
(74) Spruson & Ferguson
-
- (71) SYNBALANCE SRL
(11) AU-A-2021404073
(21) 2021404073 (22) 17.12.2021
(54) PROBIOTIC COMPOSITIONS AND THEIR USE IN THE PREVENTION AND/OR TREATMENT OF STRESS-RELATED CONDITIONS
(51) Int. Cl.
A61K 35/745 (2015.01)
A61K 35/747 (2015.01)
A61P 25/24 (2006.01)
(87) WO2022/130317
(31) 10202000031223 (32) 17.12.20 (33) IT
(43) 23.06.2022
(72) MALANCHIN, Rosella; PIANGIOLINO, Cristiana; CASTEGNARO, Silvia; CARLOMAGNO, Federica; PESCIAROLI, Chiara
(74) WRAYS PTY LTD
-
- (71) SYROS PHARMACEUTICALS, INC.
(11) AU-A-2022206438
(21) 2022206438 (22) 07.01.2022
(54) TREATMENT REGIMENS WITH FIXED DOSES OF TAMIBAROTENE
(51) Int. Cl.
A61K 31/203 (2006.01)
A61K 31/085 (2006.01)
A61P 35/00 (2006.01)

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

- (87) WO2022/150625
 (31) 63/135,450 (32) 08.01.21 (33) US
 (43) 14.07.2022
 (72) ROTH, David A.; KELLY, Michael J.;
 MADIGAN, Catherine E.; ROSARIO,
 Maria
 (74) Spruson & Ferguson
-
- (71) SYSTEMATICS LIMITED
 (11) AU-A-2021400854
 (21) 2021400854 (22) 17.12.2021
 (54) AN ADJUSTABLE DRAWBAR
 (51) Int. Cl.
B60D 1/155 (2006.01)
B60D 1/36 (2006.01)
B60D 1/44 (2006.01)
 (87) WO2022/131937
 (31) 771332 (32) 18.12.20 (33) NZ
 (43) 23.06.2022
 (72) OWERS, Raymond
 (74) James & Wells Intellectual Property
-
- (71) TAE TECHNOLOGIES, INC.
 (11) AU-A-2021256967
 (21) 2021256967 (22) 13.04.2021
 (54) SYSTEMS, DEVICES, AND METHODS
 FOR CHARGING AND DISCHARGING
 MODULE-BASED CASCADED EN-
 ERGY SYSTEMS
 (51) Int. Cl.
B60L 53/10 (2019.01)
H02M 1/42 (2007.01)
H02M 7/219 (2006.01)
H02M 7/66 (2006.01)
H02M 7/68 (2006.01)
H02M 7/86 (2006.01)
 (87) WO2021/211630
 (31) 63/009,996 (32) 14.04.20 (33) US
 63/043,731 24.06.20 US
 63/069,369 24.08.20 US
 63/084,300 28.09.20 US
 (43) 21.10.2021
 (72) SLEPCHENKOV, Mikhail; NADERI,
 Roozbeh; BHAKTA, Milan; KADRI,
 Romi S.
 (74) AJ PARK
-
- (71) TAE TECHNOLOGIES, INC.
 (11) AU-A-2022207104
 (21) 2022207104 (22) 12.01.2022
 (54) SYSTEMS, DEVICES, AND METHODS
 FOR MODULE-BASED CASCADED
 ENERGY SYSTEMS
 (51) Int. Cl.
B60L 50/64 (2019.01)
B60L 58/18 (2019.01)
B60L 58/26 (2019.01)
H01M 10/6556 (2014.01)
H01M 10/667 (2014.01)
H02J 3/34 (2006.01)
H02M 7/49 (2007.01)
 (87) WO2022/155266
 (31) 63/136,786 (32) 13.01.21 (33) US
 63/242,459 09.09.21 US
 63/255,119 13.10.21 US
 (43) 21.07.2022
 (72) SLEPCHENKOV, Mikhail; BHAKTA, Mil-
 an; MOUSAVI, Mohammad; NADERI,
 Roozbeh; VERBIC, Jaka; WEBBER,
 Leslie, G.
 (74) AJ PARK
-
- (71) TAISHO SKY BUILDING, INC.
 (11) AU-A-2020482458
 (21) 2020482458 (22) 21.12.2020
 (54) MANAGEMENT SYSTEM FOR
 HOURLY RENTAL FACILITIES
 (51) Int. Cl.
G06Q 30/06 (2023.01)
 (87) WO2022/137278
 (43) 30.06.2022
 (72) ISHIDA Kazuharu
 (74) Davies Collison Cave Pty Ltd
-
- (71) TELEFONAKTIEBOLAGET LM ERIC-
 SSON (PUBL)
 (11) AU-A-2021418118
 (21) 2021418118 (22) 05.01.2021
 (54) 3D STREAM PROCESSING
 (51) Int. Cl.
G06T 19/00 (2011.01)
H04N 19/597 (2014.01)
H04N 21/6547 (2011.01)
H04N 21/81 (2011.01)
 (87) WO2022/148524
 (43) 14.07.2022
 (72) EL ESSAILI, Ali; TYUDINA, Natalya
 (74) AJ PARK
-
- (71) TELEFONAKTIEBOLAGET LM ERIC-
 SSON (PUBL)
 (11) AU-A-2021431032
 (21) 2021431032 (22) 03.03.2021
 (54) A COMPUTER A SOFTWARE MOD-
 ULE ARRANGEMENT, A CIRCUITRY
 ARRANGEMENT, A USER EQUIP-
 MENT AND A METHOD FOR AN IM-
 PROVED USER INTERFACE CON-
 TROLLING MULTIPLE APPLICATIONS
 SIMULTANEOUSLY
 (51) Int. Cl.
G06F 1/16 (2006.01)
G06F 3/01 (2006.01)
G06F 3/02 (2006.01)
G06F 3/0488 (2022.01)
 (87) WO2022/184250
 (43) 09.09.2022
 (72) KRISTENSSON, Andreas; HUNT, Alex-
 ander; DAHLGREN, Fredrik
 (74) AJ PARK
-
- (71) TERAHERTZ VENTURES LLC
 (11) AU-A-2022210445
 (21) 2022210445 (22) 20.01.2022
 (54) SYSTEM AND METHOD FOR UTIL-
 IZING GRAVITATIONAL WAVES FOR
 GEOLOGICAL EXPLORATION
 (51) Int. Cl.
G01V 7/04 (2006.01)
G01V 3/08 (2006.01)
G01V 7/06 (2006.01)
G01V 8/00 (2006.01)
 (87) WO2022/159616
 (31) 63/205,962 (32) 21.01.21 (33) US
 63/300,585 18.01.22 US
-
- (43) 28.07.2022
 (72) HARNEY, Michael John; NINIC, Mario;
 MANSFIELD, Kim; OWENS, Brian D.
 (74) Spruson & Ferguson
-
- (71) THE BROAD INSTITUTE, INC.; PRES-
 IDENT AND FELLOWS OF HARVARD
 COLLEGE; THE TRUSTEES OF PRIN-
 CETON UNIVERSITY; THE REGENTS
 OF THE UNIVERSITY OF CALIFOR-
 NIA
 (11) AU-A-2022206476
 (21) 2022206476 (22) 11.01.2022
 (54) PRIME EDITOR VARIANTS, CON-
 STRUCTS, AND METHODS FOR EN-
 HANCING PRIME EDITING EFFI-
 CIENCY AND PRECISION
 (51) Int. Cl.
C12N 15/11 (2006.01)
C12N 9/12 (2006.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
 (87) WO2022/150790
 (31) 63/136,194 (32) 11.01.21 (33) US
 63/176,180 16.04.21 US
 63/176,202 16.04.21 US
 63/194,865 28.05.21 US
 63/194,913 28.05.21 US
 63/231,230 09.08.21 US
 63/255,897 14.10.21 US
 (43) 14.07.2022
 (72) LIU, David, R.; CHEN, Peter, J.; ADAM-
 SON, Brittany; HUSSMANN, Jeffrey
 (74) Pizzey's Patent and Trade Mark Attor-
 neys Pty Ltd
-
- (71) THE GOVERNING COUNCIL OF THE
 UNIVERSITY OF TORONTO
 (11) AU-A-2021414772
 (21) 2021414772 (22) 13.12.2021
 (54) FULLY-DILUTABLE, SELF-MI-
 CROEMULSIFYING DELIVERY SYS-
 TEMS (SMEDDS) FOR POORLY WA-
 TER-SOLUBLE POLAR SOLUTES
 (51) Int. Cl.
A61K 47/44 (2017.01)
A61K 8/02 (2006.01)
A61K 8/55 (2006.01)
A61K 8/92 (2006.01)
A61K 9/00 (2006.01)
 (87) WO2022/140843
 (31) 63/132,683 (32) 31.12.20 (33) US
 (43) 07.07.2022
 (72) NOURAEI, Mehdi; ACOSTA, Edgar;
 CHENG, Yu-ling; DIOSADY, Levente;
 RAO, Venketeshwer
 (74) WRAYS PTY LTD
-
- (71) THEMIS S.R.L.
 (11) AU-A-2022205506
 (21) 2022205506 (22) 04.01.2022
 (54) SYSTEM AND METHOD FOR TRA-
 CING AND GUARANTEEING THE
 QUALITY OF RAW MATERIALS
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 10/08 (2023.01)
G06Q 10/10 (2023.01)
 (87) WO2022/148755

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

- (31) 102021000000149 (32) 05.01.21 (33) IT
(43) 14.07.2022
(72) BELDRIGHI, Graziano; MOLINARI, Matteo
(74) Arceo IP
-
- (71) THEON TECHNOLOGY LLC
(11) AU-A-2021409904
(21) 2021409904 (22) 21.12.2021
(54) HOMOMORPHIC ONE-TIME PAD ENCRYPTION
(51) Int. Cl.
H04L 9/08 (2006.01)
H04L 9/00 (2022.01)
H04L 9/14 (2006.01)
H04L 9/32 (2006.01)
(87) WO2022/140488
(31) 17/132,128 (32) 23.12.20 (33) US
(43) 30.06.2022
(72) GRANT, Robert Edward; ROMINE, Kristine
(74) Davies Collison Cave Pty Ltd
-
- (71) THE PROCTER & GAMBLE COMPANY
(11) AU-A-2022213456
(21) 2022213456 (22) 21.01.2022
(54) ORAL CARE COMPOSITION COMPRISING OXALIC ACID
(51) Int. Cl.
A61K 8/362 (2006.01)
A61Q 11/00 (2006.01)
(87) WO2022/165466
(31) 63/143,968 (32) 01.02.21 (33) US
(43) 04.08.2022
(72) DRAKE, Phillip, Asa; GROTH, Andrew, Frederic; HARE, Tiffany, Celeste; SAGEL, Paul, Albert; TRENNER, Rachel, Anne
(74) AJ PARK
-
- (71) THE PROCTER & GAMBLE COMPANY
(11) AU-A-2022214550
(21) 2022214550 (22) 21.01.2022
(54) ORAL COMPOSITION COMPRISING OXALIC ACID
(51) Int. Cl.
A61K 8/362 (2006.01)
A61K 8/73 (2006.01)
A61Q 11/00 (2006.01)
(87) WO2022/165467
(31) 63/143,970 (32) 01.02.21 (33) US
(43) 04.08.2022
(72) DRAKE, Phillip, Asa; GROTH, Andrew, Frederic; HARE, Tiffany, Celeste; SAGEL, Paul, Albert; TRENNER, Rachel, Anne
(74) AJ PARK
-
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(11) AU-A-2022217714
(21) 2022217714 (22) 11.01.2022
(54) UNIBODY ENDOSKELETAL TRANSTIBIAL PROSTHETIC DEVICES AND DIGITAL FABRICATION WORKFLOW
(51) Int. Cl.
A61F 2/66 (2006.01)
(87) WO2022/169557
(31) 63/137,268 (32) 14.01.21 (33) US
(43) 11.08.2022
(72) PELZ, Joshua; DE VIVO, Luca; KUESTER, Falko; BARRACK, Herb
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71) THE SUPREME INDUSTRIES LTD
(11) AU-A-2020480038
(21) 2020480038 (22) 03.12.2020
(54) POLYMER FILMS AND THEIR PRODUCTION AND USE
(51) Int. Cl.
B29C 55/00 (2006.01)
B29C 55/12 (2006.01)
B29C 55/28 (2006.01)
B29C 59/00 (2006.01)
B29C 59/04 (2006.01)
(87) WO2022/117198
(43) 09.06.2022
(72) RASMUSSEN, Ole-Bendt
(74) Davies Collison Cave Pty Ltd
-
- (71) THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE
(11) AU-A-2021410544
(21) 2021410544 (22) 25.03.2021
(54) GENOMIC DELETION IN AFRICAN SWINE FEVER VACCINE ALLOWING EFFICIENT GROWTH IN STABLE CELL LINES
(51) Int. Cl.
C12N 7/00 (2006.01)
A61K 39/12 (2006.01)
A61P 31/20 (2006.01)
C07K 14/005 (2006.01)
(87) WO2022/139861
(31) 17/130,814 (32) 22.12.20 (33) US
(43) 30.06.2022
(72) GLADUE, Douglas P.; BORCA, Manuel V.
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
-
- (71) THE UNIVERSITY OF MELBOURNE
(11) AU-A-2021407771
(21) 2021407771 (22) 23.12.2021
(54) CORONAVIRUS VACCINE
(51) Int. Cl.
A61K 39/215 (2006.01)
A61K 39/39 (2006.01)
A61K 39/42 (2006.01)
A61P 31/14 (2006.01)
C07K 14/005 (2006.01)
C07K 16/10 (2006.01)
(87) WO2022/133547
(31) 2020904820 (32) 23.12.20 (33) AU
2021903911 02.12.21 AU
(43) 30.06.2022
(72) GODFREY, Dale Ian; JACKSON, David Charles; GHERARDIN, Nicholas Anthony; DELIYANNIS, Georgia; PURCELL, Damian Francis John
(74) FPA Patent Attorneys Pty Ltd
-
- (71) THOMAS JEFFERSON UNIVERSITY
(11) AU-A-2021392666
(21) 2021392666 (22) 02.12.2021
(54) DESMOGLEIN 2-DIRECTED CHIMERIC ANTIGEN RECEPTOR (CAR) CONSTRUCTS AND METHODS OF USE
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 35/17 (2015.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2022/120010
(31) 63/120,356 (32) 02.12.20 (33) US
(43) 09.06.2022
(72) SNOOK, Adam, Eugene; MAHONEY, My, Georgia; CARLSON, Robert, Devlin
(74) FB Rice Pty Ltd
-
- (71) THOMSON REUTERS ENTERPRISE CENTRE GMBH
(11) AU-A-2022211404
(21) 2022211404 (22) 21.01.2022
(54) SYSTEM AND METHOD FOR AUTOMATED HASHTAG HIERARCHICAL ONTOLOGY GENERATION FROM SOCIAL MEDIA DATA
(51) Int. Cl.
G06F 17/00 (2019.01)
(87) WO2022/159735
(31) 63/140,461 (32) 22.01.21 (33) US
(43) 28.07.2022
(72) TORENE, Spencer Bradley; HOWALD, Blake Stephen
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) THRYV THERAPEUTICS INC.
(11) AU-A-2022208639
(21) 2022208639 (22) 12.01.2022
(54) PYRAZOLO[3,4-D]PYRIMIDIN-6-YL-SULFONAMIDE DERIVATIVES FOR THE INHIBITION OF SGK-1
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61K 31/55 (2006.01)
A61K 35/00 (2006.01)
A61P 25/28 (2006.01)
(87) WO2022/150911
(31) 63/136,782 (32) 13.01.21 (33) US
63/262,040 04.10.21 US
(43) 21.07.2022
(72) VIDAL, Marc; KHALIFA, Maroua; MAGUIRE, Martin
(74) FB Rice Pty Ltd
-
- (71) TIDAL THERAPEUTICS, INC.
(11) AU-A-2021393593
(21) 2021393593 (22) 03.12.2021
(54) IONIZABLE CATIONIC LIPIDS AND LIPID NANOPARTICLES, AND METHODS OF SYNTHESIS AND USE THEREOF
(51) Int. Cl.
C12N 15/88 (2006.01)
A61K 9/127 (2006.01)
(87) WO2022/120388
(31) 63/121,801 (32) 04.12.20 (33) US

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

- 63/166,205 25.03.21 US (71) UCL BUSINESS LTD
 63/169,296 01.04.21 US (11) AU-A-2021406053
 63/169,395 01.04.21 US (21) 2021406053 (22) 22.12.2021
 63/172,024 07.04.21 US (54) TREATMENT FOR LYSINE DEGRADATION-ASSOCIATED DISORDERS
 (43) 09.06.2022 (51) Int. Cl.
 (72) ALI, Mir; BOESCH, Austin Wayne; DRUMMOND, Daryl Clark; KUHLMAN, William; NIELSEN, Ulrik
 (74) Griffith Hack

 (71) TONIX PHARMA LIMITED
 (11) AU-A-2022205313
 (21) 2022205313 (22) 06.01.2022
 (54) METHODS OF INDUCING IMMUNE TOLERANCE WITH MODIFIED ANTI-CD154 ANTIBODIES
 (51) Int. Cl.
 A61K 35/28 (2015.01)
 A61K 39/395 (2006.01)
 A61P 37/06 (2006.01)
 C07K 16/28 (2006.01)
 (87) WO2022/150452
 (31) 63/134,413 (32) 06.01.21 (33) US
 (43) 14.07.2022
 (72) LEDERMAN, Seth
 (74) Spruson & Ferguson

 (71) TRASIS S.A
 (11) AU-A-2022212395
 (21) 2022212395 (22) 24.01.2022
 (54) METHOD FOR PURIFYING RADIOLABELLED HUMAN SERUM ALBUMIN MACROAGGREGATES
 (51) Int. Cl.
 C07B 59/00 (2006.01)
 A61K 51/08 (2006.01)
 A61K 51/12 (2006.01)
 (87) WO2022/161897
 (31) 2021/5067 (32) 28.01.21 (33) BE
 (43) 04.08.2022
 (72) VERGOTE, Thomas; MASSET, Julien; WARNIER, Coentint; MORELLE, Jean-Luc; VRIAMONT, Charles; BLANC-BE-GUIN, Frédérique; LEROUX, Pierre-Yves; EU, Peter
 (74) Halfords IP

 (71) TRIM BIOTECH, S.L.
 (11) AU-A-2021399800
 (21) 2021399800 (22) 13.12.2021
 (54) COMPOSITIONS COMPRISING BACTERIA FOR CANCER IMMUNOTHERAPY
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/285 (2006.01)
 C07K 14/315 (2006.01)
 C07K 14/47 (2006.01)
 (87) WO2022/128909
 (31) 20383089.8 (32) 14.12.20 (33) EP
 (43) 23.06.2022
 (72) BARAJAS VÉLEZ, Miguel Ángel; RESANO LIZALDRE, Alfredo
 (74) Griffith Hack

 (71) UNIVERSITY HEALTH NETWORK
 (11) AU-A-2021402185
 (21) 2021402185 (22) 13.12.2021
 (54) IMMUNOGLOBULIN LIGHT CHAIN ANTIBODIES AND USES THEREOF
 (51) Int. Cl.
 C07K 16/42 (2006.01)
 A61K 39/395 (2006.01)
 C12N 15/13 (2006.01)
 G01N 33/563 (2006.01)
 (87) WO2022/130023
 (31) 63/125,281 (32) 14.12.20 (33) US
 (43) 23.06.2022
 (72) CHAKRABARTY, Avijit; SUN, Yulong; GALANT, Natalie, J.; HADLEY, Kevin, C.; WING, Meghan, A.
 (74) FB Rice Pty Ltd

 (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED
 (11) AU-A-2021401887
 (21) 2021401887 (22) 15.12.2021
 (54) DIPHENHYDRAMINE AND LACTOFERRIN FOR PREVENTION AND TREATMENT OF COVID-19
 (51) Int. Cl.
 A61K 38/40 (2006.01)
 A23J 3/08 (2006.01)
 A61K 9/14 (2006.01)
 A61K 31/13 (2006.01)
 A61K 35/20 (2006.01)
 A61P 31/12 (2006.01)
 (87) WO2022/133455
 (31) 63/126,082 (32) 16.12.20 (33) US
 (43) 23.06.2022
 (72) OSTROV, David A.; NORRIS, Michael
 (74) FB Rice Pty Ltd

 (71) UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED; AAVANTIBIO, INC.
 (11) AU-A-2022205088
 (21) 2022205088 (22) 04.01.2022
 (54) METHODS AND COMPOSITIONS FOR TREATMENT OF FRIEDREICH'S ATAXIA
 (51) Int. Cl.
 A61K 48/00 (2006.01)
 A61P 25/00 (2006.01)
 C07K 14/47 (2006.01)

 (71) UNIVERSITY OF TARTU
 (11) AU-A-2021393779
 (21) 2021393779 (22) 03.12.2021
 (54) BIOSYNTHESIS METHOD
 (51) Int. Cl.
 C12N 1/20 (2006.01)
 C12N 1/36 (2006.01)
 C12N 15/70 (2006.01)
 C12N 15/74 (2006.01)
 (87) WO2022/117827
 (31) 2019175.5 (32) 04.12.20 (33) GB
 (43) 09.06.2022
 (72) JÖERS, Arvi; KASARI, Marje; KASARI, Villu; KÄRMAS, Mirjam
 (74) Griffith Hack

 (71) USA MEDICAL ELECTRONIX, INC.
 (11) AU-A-2022212109
 (21) 2022212109 (22) 28.01.2022
 (54) POCKET-SIZED AUTOMATED EXTERNAL DEFIBRILLATOR
 (51) Int. Cl.
 A61N 1/39 (2006.01)
 (87) WO2022/165179
 (31) 63/142,910 (32) 28.01.21 (33) US
 (43) 04.08.2022
 (72) KUUTTI, Tommi; TIKHONOV, Victor
 (74) PHILLIPS ORMONDE FITZPATRICK

 (71) VANDAPAC CO., LTD.
 (11) AU-A-2021423609
 (21) 2021423609 (22) 18.11.2021
 (54) AUTOMOBILE PICKUP BED ROOF
 (51) Int. Cl.
 B60J 7/185 (2006.01)
 B60J 7/08 (2006.01)
 (87) WO2022/164396
 (31) 2101000526 (32) 29.01.21 (33) TH
 (43) 04.08.2022
 (72) TANGITVET, Varawong
 (74) Davies Collison Cave Pty Ltd

 (71) VARDNER, J.; WEST, A.; BANTA, S.; THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
 (11) AU-A-2021416185
 (21) 2021416185 (22) 29.12.2021
 (54) REDUCTION OF CHALCOPYRITE BY AN AQUEOUS PHASE REDUCANT TO ENABLE HYDROMETALLURGICAL EXTRACTION OF COPPER
 (51) Int. Cl.
 C25B 15/08 (2006.01)
 C22B 15/00 (2006.01)
 C25B 1/01 (2021.01)
 C25B 9/40 (2021.01)
 (87) WO2022/147078

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

- (31) 63/294,098 (32) 28.12.21 (33) US
63/131,838 30.12.20 US
- (43) 07.07.2022
- (72) VARDNER, Jonathan; WEST, Alan;
BANTA, Scott
- (74) Spruson & Ferguson
-
- (71) VAREX IMAGING CORPORATION;
VEC IMAGING GMBH & CO. KG
- (11) AU-A-2021411979
- (21) 2021411979 (22) 31.12.2021
- (54) HYBRID MULTI-SOURCE X-RAY
SOURCE AND IMAGING SYSTEM
- (51) Int. Cl.
H01J 35/14 (2006.01)
H01J 35/06 (2006.01)
H01J 35/08 (2006.01)
- (87) WO2022/147367
- (31) 63/133,036 (32) 31.12.20 (33) US
21157470.2 16.02.21 EP
17/177,038 16.02.21 US
- (43) 07.07.2022
- (72) JAFARI, Houman; GAO, Bo; ROBIN-
SON, Vance, Scott
- (74) Westmark IP
-
- (71) VAREX IMAGING CORPORATION
- (11) AU-A-2021414000
- (21) 2021414000 (22) 31.12.2021
- (54) ANODES, COOLING SYSTEMS, AND
X-RAY SOURCES INCLUDING THE
SAME
- (51) Int. Cl.
H01J 35/12 (2006.01)
H05G 1/02 (2006.01)
- (87) WO2022/147366
- (31) 63/133,065 (32) 31.12.20 (33) US
17/173,036 10.02.21 US
- (43) 07.07.2022
- (72) KIRKHAM, Dave; ROBINSON, Vance,
Scott
- (74) Westmark IP
-
- (71) VERTEX PHARMACEUTICALS IN-
CORPORATED
- (11) AU-A-2021400745
- (21) 2021400745 (22) 17.12.2021
- (54) COMPOSITIONS AND METHODS
FOR EDITING BETA-GLOBIN FOR
TREATMENT OF HEMAGLOBINO-
PATHIES
- (51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/90 (2006.01)
- (87) WO2022/133246
- (31) 63/126,843 (32) 17.12.20 (33) US
23.06.2022
- (43) 23.06.2022
- (72) D'SOUZA, Sanjay; WEST, Jason; EU-
STACE, Brenda K.; MAHAJAN, Sudipta
- (74) Griffith Hack
-
- (71) VERTEX PHARMACEUTICALS IN-
CORPORATED
- (11) AU-A-2022205421
- (21) 2022205421 (22) 10.01.2022
- (54) FACTOR B PROTEASES
- (51) Int. Cl.
- (31) 63/135,496 (32) 08.01.21 (33) US
63/221,108 13.07.21 US
- (43) 14.07.2022
- (72) POPKOV, Mikhail; SOROS, Vanessa;
LE MOAN, Natacha; BLOUSE, Grant
E.; MYLES, Timothy
- (74) RnB IP Pty Ltd
-
- (71) VRG THERAPEUTICS KFT.
- (11) AU-A-2021412432
- (21) 2021412432 (22) 28.12.2021
- (54) CHLOROTOXIN DERIVATIVES AND
USE THEREOF
- (51) Int. Cl.
C07K 14/435 (2006.01)
A61K 47/64 (2017.01)
C12N 15/62 (2006.01)
- (87) WO2022/144560
- (31) P2000455 (32) 30.12.20 (33) HU
P2100353 12.10.21 HU
- (43) 07.07.2022
- (72) FARKAS, Sándor; TAKÁCS, Zoltán;
NACSA, János; RÁCZ, Gábor;
HORNÝÁK, Péter; HUJBER, Zoltán;
CIOCA, Daniel
- (74) Collison & Co
-
- (71) W.L. GORE & ASSOCIATES, INC.
- (11) AU-A-2021414090
- (21) 2021414090 (22) 23.12.2021
- (54) IMPROVING CATALYTIC EFFI-
CIENCY OF FLUE GAS FILTRATION
THROUGH SALT FORMATION BY US-
ING LEAST ONE OXIDIZING AGENT
- (51) Int. Cl.
B01D 53/50 (2006.01)
B01D 46/00 (2022.01)
B01D 46/02 (2006.01)
B01D 53/76 (2006.01)
B01D 53/79 (2006.01)
B01D 53/83 (2006.01)
B01D 53/86 (2006.01)
F23J 15/00 (2006.01)
F23J 15/02 (2006.01)
- (87) WO2022/146872
- (31) 63/132,289 (32) 30.12.20 (33) US
43) 07.07.2022
- (72) SONG, Zhuonan; STARK, Stephen
- (74) Griffith Hack
-
- (71) W. L. GORE & ASSOCIATES, INC.
- (11) AU-A-2022208046
- (21) 2022208046 (22) 14.01.2022
- (54) EMBOLIC FILTER WITH FLEXION
- (51) Int. Cl.
A61F 2/01 (2006.01)
- (87) WO2022/155501
- (31) 63/137,385 (32) 14.01.21 (33) US
43) 21.07.2022
- (72) MONTGOMERY, William D.
- (74) Griffith Hack
-
- (71) WALTER STAUFFENBERG GMBH &
CO. KG
- (11) AU-A-2021407260
- (21) 2021407260 (22) 22.11.2021
- (54) SEALING RING AND PIPE CONNEC-
TION
- (51) Int. Cl.
F16L 19/028 (2006.01)
F16J 15/10 (2006.01)
F16L 19/02 (2006.01)
- (87) WO2022/135807
- (31) 20216821.7 (32) 23.12.20 (33) EP
43) 30.06.2022
- (72) AUL, Alexander; CIVELEK, Necip;
KÖNIG, Ulrich
- (74) Davies Collison Cave Pty Ltd
-
- (71) WATTS REGULATOR CO.
- (11) AU-A-2022220304
- (21) 2022220304 (22) 10.02.2022
- (54) PRESSURE COMPENSATION SYS-
TEMS, LIQUID SUPPLY SYSTEMS
AND METHODS USING THE SAME
- (51) Int. Cl.
E03B 7/07 (2006.01)
E03C 1/10 (2006.01)
G01M 3/16 (2006.01)
- (87) WO2022/173959
- (31) 17/173,987 (32) 11.02.21 (33) US
43) 18.08.2022
- (72) SIMON, Kevin; BURKE, Joseph Mi-
chael; BAYNES, Ian David
- (74) Pizzey's Patent and Trade Mark Attor-
neys Pty Ltd
-
- (71) WEINSTOCK, M.F.
- (11) AU-A-2021412969
- (21) 2021412969 (22) 22.12.2021
- (54) VACUUM
- (51) Int. Cl.
A47L 9/14 (2006.01)
A47L 9/00 (2006.01)
A47L 9/10 (2006.01)
A47L 9/12 (2006.01)
A47L 9/16 (2006.01)
- (87) WO2022/146854
- (31) 63/132,314 (32) 30.12.20 (33) US
43) 07.07.2022
- (72) WEINSTOCK, Marc Frederick
- (74) Dark IP
-
- (71) WELLSTAT THERAPEUTICS COR-
PORATION
- (11) AU-A-2021391411
- (21) 2021391411 (22) 30.11.2021
- (54) 5'-O-PHENYLACETYLRIDINE AND
THERAPEUTIC USE
- (51) Int. Cl.
A61P 1/16 (2006.01)
A61P 25/00 (2006.01)
C07H 19/06 (2006.01)
- (87) WO2022/119784
- (31) 63/119,764 (32) 01.12.20 (33) US
43) 09.06.2022
- (72) GARCIA GARCIA, Rolando Alejandro;
SAYDOFF, Joel A.; SIMPSON, David
Michael; VON BORSTEL, Reid Warren
- (74) FB Rice Pty Ltd

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

-
- (71) WELLTEC OILFIELD SOLUTIONS AG
 (11) AU-A-2021403677
 (21) 2021403677 (22) 17.12.2021
 (54) DOWNHOLE COMPLETION SYSTEM
 (51) Int. Cl.
E21B 33/124 (2006.01)
E21B 33/127 (2006.01)
 (87) WO2022/129523
 (31) 20215501.6 (32) 18.12.20 (33) EP
 (43) 23.06.2022
 (72) HALLUNDBÆK, Jørgen
 (74) GLMR
-
- (71) WESTERN CLINICAL ENGINEERING LTD.
 (11) AU-A-2022239968
 (21) 2022239968 (22) 16.03.2022
 (54) AUTOMATIC TOURNIQUET APPARATUS HAVING PATIENT HAZARD SHIELD
 (51) Int. Cl.
A61B 17/135 (2006.01)
 (87) WO2022/195509
 (31) 17/203,630 (32) 16.03.21 (33) US
 (43) 22.09.2022
 (72) MCEWEN, James Allen; JAMESON, Michael; LAI, Tom Yu Chia
 (74) GLMR
-
- (71) WEW GMBH
 (11) AU-A-2022222172
 (21) 2022222172 (22) 20.01.2022
 (54) ELECTROLYTIC CELL
 (51) Int. Cl.
C25B 9/19 (2021.01)
C25B 9/23 (2021.01)
C25B 9/70 (2021.01)
 (87) WO2022/175011
 (31) DE 10 2021 103 (32) 17.02.21 (33) DE 699.2
 (43) 25.08.2022
 (72) LÜKE, Wiebke
 (74) Spruson & Ferguson
-
- (71) WING AVIATION LLC
 (11) AU-A-2021419496
 (21) 2021419496 (22) 16.12.2021
 (54) MANAGING A FLEET OF AUTONOMOUS VEHICLES BASED ON COLLECTED INFORMATION
 (51) Int. Cl.
G08G 5/00 (2006.01)
G08G 5/02 (2006.01)
G08G 5/04 (2006.01)
 (87) WO2022/154935
 (31) 17/151,057 (32) 15.01.21 (33) US
 (43) 21.07.2022
 (72) TELLES, Bernardo, Malta, Leite; NEGRON, Reinaldo, Jr.
 (74) Spruson & Ferguson
-
- (71) WING AVIATION LLC
 (11) AU-A-2021430302
 (21) 2021430302 (22) 17.12.2021
-
- (54) GENERATING DYNAMIC CHECKLISTS FOR AIRCRAFT OPERATIONS
 (51) Int. Cl.
G08G 5/00 (2006.01)
 (87) WO2022/182406
 (31) 17/187,613 (32) 26.02.21 (33) US
 (43) 01.09.2022
 (72) REZVANI, Tara Sheida; LESSER, Jonathan; NEGRON, JR., Reinaldo; BASKARAN, Shruthi; YOON, Sung Roa; CARON, Arnaud
 (74) Spruson & Ferguson
-
- (71) WONDERLAND SWITZERLAND AG
 (11) AU-A-2021393787
 (21) 2021393787 (22) 03.12.2021
 (54) JOINING STRUCTURE AND CHILD SAFETY SEAT INCLUDING THE SAME
 (51) Int. Cl.
B60N 2/28 (2006.01)
B60N 2/26 (2006.01)
 (87) WO2022/117867
 (31) 20211108106.X (32) 22.09.21 (33) CN 202011411737.4 04.12.20 CN
 (43) 09.06.2022
 (72) ZHAO, Guanghui; ZHANG, Daliang; FANG, Ganqing
 (74) Allens Patent & Trade Mark Attorneys
-
- (71) WONDERLAND SWITZERLAND AG
 (11) AU-A-2022206070
 (21) 2022206070 (22) 05.01.2022
 (54) INFANT CARRIER AND HEIGHT ADJUSTMENT MECHANISM
 (51) Int. Cl.
B62B 7/14 (2006.01)
B62B 9/10 (2006.01)
 (87) WO2022/148782
 (31) 202110015379.3 (32) 05.01.21 (33) CN
 (43) 14.07.2022
 (72) ZHONG, Zhiren
 (74) Allens Patent & Trade Mark Attorneys
-
- (71) XL-PROTEIN GMBH; TECHNISCHE UNIVERSITÄT MÜNCHEN
 (11) AU-A-2021405029
 (21) 2021405029 (22) 22.12.2021
 (54) ANTIBODIES SPECIFIC FOR STRUCTURALLY DISORDERED SEQUENCES
 (51) Int. Cl.
C07K 16/44 (2006.01)
 (87) WO2022/136582
 (31) 20216744.1 (32) 22.12.20 (33) EP
 (43) 30.06.2022
 (72) SCHILZ, Jonas; BINDER, Uli; FRIEDRICH, Lars; GEBAUER, Michaela; SCHLAPSPACH, Martin; SKERRA, Arne
 (74) Davies Collison Cave Pty Ltd
-
- (71) YEDA RESEARCH AND DEVELOPMENT CO. LTD.
 (11) AU-A-2021400235
 (21) 2021400235 (22) 19.12.2021
-
- (54) COMPOSITIONS FOR USE IN THE TREATMENT OF CHD2 HAPLOINSUFFICIENCY AND METHODS OF IDENTIFYING SAME
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
G16B 30/10 (2019.01)
 (87) WO2022/130388
 (31) 63/127,212 (32) 18.12.20 (33) US
 (43) 23.06.2022
 (72) ULITSKY, Igor; ROSS, Caroline Jane
 (74) Halfords IP
-
- (71) YETI COOLERS, LLC
 (11) AU-A-2022205619
 (21) 2022205619 (22) 06.01.2022
 (54) LID ASSEMBLY FOR A BEVERAGE CONTAINER
 (51) Int. Cl.
B65D 47/32 (2006.01)
A47G 19/22 (2006.01)
B65D 51/16 (2006.01)
 (87) WO2022/150451
 (31) 63/135,378 (32) 08.01.21 (33) US
 (43) 14.07.2022
 (72) BULLOCK, Dustin; LOMBARDI, Nicholas, James; DRINKWATER, William
 (74) Southern Cross Intellectual Property
-
- (71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.; SAVOREAT LTD.
 (11) AU-A-2021415293
 (21) 2021415293 (22) 29.12.2021
 (54) APPARATUS AND METHOD FOR PRODUCING MATERIALS
 (51) Int. Cl.
A23P 20/20 (2016.01)
A23L 5/10 (2016.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
 (87) WO2022/144884
 (31) 63/199,439 (32) 29.12.20 (33) US
 (43) 07.07.2022
 (72) BRASLAVSKY, Ido; SHOSEYOV, Oded; SHEMESH, Shay; AKNIN, Moshe; NAIM, Yogev; COHEN, Doron; GENKIN, Omer
 (74) Collison & Co
-
- (71) ZEHNDER GROUP INTERNATIONAL AG
 (11) AU-A-2022237727
 (21) 2022237727 (22) 10.03.2022
 (54) HEAT RECOVERY VENTILATION SYSTEM WITH DEFROSTING BY-PASS
 (51) Int. Cl.
F24F 12/00 (2006.01)
F24F 11/42 (2018.01)
F25B 47/02 (2006.01)
 (87) WO2022/194678
 (31) 00300/21 (32) 19.03.21 (33) CH
 (43) 22.09.2022
 (72) MASETTI, Paolo; PIZZONI, Danilo
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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

-
- (71) ZHEJIANG JUZHONG FLEXO PRINTING TECHNOLOGY CO., LTD.
 (11) AU-A-2021389617
 (21) 2021389617 (22) 26.06.2021
 (54) METAL ANILOX ROLLER CAPABLE OF ADJUSTING INK SUPPLY AMOUNT
 (51) Int. Cl.
 B41F 31/02 (2006.01)
 B41F 5/24 (2006.01)
 B41F 31/05 (2006.01)
 B41F 31/08 (2006.01)
 B41F 31/12 (2006.01)
 B41F 31/26 (2006.01)
 (87) WO2022/110793
 (31) 202011371168.5 (32) 30.11.20 (33) CN
 (43) 02.06.2022
 (72) QIN, Jun; WANG, Xinxiang; LIU, Tao; WU, Chao
 (74) A.P.T. Patent and Trade Mark Attorneys
-
- (71) ZHEJIANG VIMGREEN PHARMACEUTICALS, LTD
 (11) AU-A-2021413448
 (21) 2021413448 (22) 29.12.2021
 (54) ADENOSINE A3 RECEPTOR AGONISTS, PREPARATION METHODS AND USES THEREOF
 (51) Int. Cl.
 C07H 19/16 (2006.01)
 A61K 31/70 (2006.01)
 A61P 29/00 (2006.01)
 A61P 35/00 (2006.01)
 C07D 473/34 (2006.01)
 (87) WO2022/143740
 (31) 202011601817.6 (32) 29.12.20 (33) CN
 (43) 07.07.2022
 (72) HU, Chongbo; YE, Jinqi; PAN, Shuhua; HU, Ning; PAN, Tingting; ZHAO, Long; CHEN, Zhengshu; SUN, Sanxing
 (74) Madderns Pty Ltd
-
- (71) ZIVIO BIOSCIENCE, INC.
 (11) AU-A-2022209715
 (21) 2022209715 (22) 14.01.2022
 (54) ALGORIPHAGUS SP, BOSEA SP, BREVUNDIMONAS SP, DESULFOVIBRIO SP, MICROBACTERIUM SP, SPHINGOMONAS SP, AND VARIOVORAX SP FOR USE IN DISEASE PREVENTION AND TREATMENT
 (51) Int. Cl.
 A61K 31/17 (2006.01)
 A61K 31/24 (2006.01)
 A61K 31/381 (2006.01)
 (87) WO2022/159342
 (31) 63/138,041 (32) 15.01.21 (33) US
 17/576,339 14.01.22 US
 (43) 28.07.2022
 (72) STEFFEK, Amy, E.; PFUND, William, P.; DAHL, Andrew, A.
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
-
- (71) ZOETIS SERVICES LLC
 (11) AU-A-2022214843
 (21) 2022214843 (22) 27.01.2022
 (54) MUTATIONS IN CANINE ANTIBODY CONSTANT REGIONS
 (51) Int. Cl.
 C07K 16/00 (2006.01)
 A61K 39/00 (2006.01)
 C07K 16/18 (2006.01)
 (87) WO2022/165067
 (31) 63/142,774 (32) 28.01.21 (33) US
 (43) 04.08.2022
 (72) CAMPOS, Henry, Luis; LIGHTLE, Sandra, Ann Marie; BERGERON, Lisa, Marie
 (74) Davies Collison Cave Pty Ltd
-
- (71) ZYMEWORKS BC INC.
 (11) AU-A-2021392318
 (21) 2021392318 (22) 03.12.2021
 (54) HETERODIMERIC IGA FC CONSTRUCTS AND METHODS OF USE THEREOF
 (51) Int. Cl.
 C07K 16/46 (2006.01)
 A61K 39/395 (2006.01)
 C07K 16/00 (2006.01)
 C12N 15/13 (2006.01)
 C12P 21/08 (2006.01)
 (87) WO2022/115963
 (31) 63/121,180 (32) 03.12.20 (33) US
 63/194,828 28.05.21 US
 (43) 09.06.2022
 (72) ESCOBAR-CABRERA, Eric; HEINKEL, Florian; SPRETER VON KREUDENSTEIN, Thomas; VERSTRAETE, Meghan Marie; DIXIT, Surjit Bhimarao
 (74) FB Rice Pty Ltd

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2020392253	Sonos, Inc.	2021393703	EVONIK OPERATIONS GMBH
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2020480829	KIMBERLY-CLARK WORLDWIDE, INC.	2021393815	J. MAC SAFETY SYSTEMS LIMITED
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2020483948	HUAWEI TECHNOLOGIES CO., LTD.	2021394102	BEIJING GOLDWIND SCIENCE & CREATION WIND- POWER EQUIPMENT CO., LTD.
2020484046	HUAWEI TECHNOLOGIES CO., LTD.	2021394121	ROTACASTER WHEEL PTY LTD
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2021256967	TAE TECHNOLOGIES, INC.	2021394480	BARBEAU, P.; GIRAD, L.; BERGERON, D.; HARDY, G.
2021351555	OWENS-BROCKWAY GLASS CONTAINER INC.	2021395332	PI-DESIGN AG
2021351723	OWENS-BROCKWAY GLASS CONTAINER INC.	2021395710	DE.MISSION INC.
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2021390519	JOHN BEAN TECHNOLOGIES CORPORATION	2021397807	SABAN VENTURES PTY LIMITED
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2021392085	DEFUGO TECHNOLOGIES PTE LTD	2021402432	ABRAHAM, Y.
2021392309	INVICTUS BIOTECHNOLOGY PTY LTD	2021402907	SPINE WAVE, INC.
2021392317	GREAT PLAINS RESTORATION SOLUTIONS INC.	2021403025	MESOBLAST INTERNATIONAL SARL
2021392318	ZYMEWORKS BC INC.	2021403197	BIOLITE, INC.
2021392666	THOMAS JEFFERSON UNIVERSITY	2021403615	PIPESNAKE AS
2021392745	ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI	2021403677	WELLTEC OILFIELD SOLUTIONS AG
2021392809	NKARTA, INC.	2021403876	MESOESTETIC PHARMA GROUP, S.L
2021393010	OSPEDALE SAN RAFFAELE S.R.L.; FONDAZIONE TELETHON	2021403890	AWL IN IP PTY LTD
2021393080	KALVISTA PHARMACEUTICALS LIMITED	2021404073	SYNBALANCE SRL
2021393368	SORTERRA PTY LTD	2021404187	NEUROCENTRX PHARMA LTD.
2021393396	BLOCK, INC.	2021404377	REHAU INDUSTRIES SE & CO. KG
2021393468	DOLBY LABORATORIES LICENSING CORPORA- TION; DOLBY INTERNATIONAL AB	2021405029	XL-PROTEIN GMBH; TECHNISCHE UNIVERSITÄT MÜNCHEN
2021393593	TIDAL THERAPEUTICS, INC.	2021405442	SUNTORY HOLDINGS LIMITED
		2021405486	INDUSTRIE DE NORA S.P.A.
		2021405510	EMPIG AS
		2021405729	CHR. HANSEN HMO GMBH
		2021405918	SICHUAN HAISCO PHARMACEUTICAL CO., LTD.
		2021406053	UCL BUSINESS LTD
		2021407023	INNOVENT BIOLOGICS (SUZHOU) CO., LTD.
		2021407176	SUNTORY HOLDINGS LIMITED

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2021407260	WALTER STAUFFENBERG GMBH & CO. KG	2021414980	ASSA ABLOY AB
2021407391	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; THE BOEING COMPANY	2021415086	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.
2021407529	CARDIO THERAPEUTICS PTY LTD	2021415293	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.; SAVOREAT LTD.
2021407533	KLIPSTA IPCO PTY LTD	2021415465	LUMMUS TECHNOLOGY LLC
2021407711	IREGENE THERAPEUTICS LTD	2021415472	INSULET CORPORATION
2021407771	THE UNIVERSITY OF MELBOURNE	2021415999	CAPITAL ONE SERVICES, LLC
2021407925	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2021416065	BL TECHNOLOGIES, INC.
2021408227	SHANGHAI EUREGEN BIOPHARMA CO., LTD.; SHANGHAI YOULI BIOPHARMA CO., LTD.	2021416077	DRIVERDO LLC
2021409558	HERZLINGER, R.E.	2021416178	DEERE & COMPANY
2021409620	EQALIS GROUP NEW ZEALAND LIMITED	2021416179	BECTON, DICKINSON AND COMPANY
2021409688	SUPERNOVA BIO CO., LTD.	2021416185	VARDNER, J.; WEST, A.; BANTA, S.; THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
2021409732	INTELLIA THERAPEUTICS, INC.	2021416210	BYD COMPANY LIMITED
2021409860	EQALIS GROUP NEW ZEALAND LIMITED	2021416244	SPRINGS WINDOW FASHIONS, LLC
2021409904	THEON TECHNOLOGY LLC	2021416302	BAE SYSTEMS PLC
2021409934	INVERIS TRAINING SOLUTIONS, INC.	2021416329	LEONARDO S.P.A.
2021409937	INVIVOSCRIBE INC.	2021416368	KUSAOKE Daiki; TAISEI KAKO CO., LTD.
2021410016	INVIVOSCRIBE INC.	2021416728	SGD S.A.
2021410044	GRAYMONT WESTERN CANADA INC.	2021416743	RITRAMA S.P.A.
2021410077	NEOGENE THERAPEUTICS B.V.	2021416936	DREAMHAWK VISION BIOTECH, INC.
2021410544	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE	2021417264	JADE BIRD DISPLAY (SHANGHAI) LIMITED
2021410717	BARD ACCESS SYSTEMS, INC.	2021417343	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021410731	SOCIAL MARKET ANALYTICS, INC.	2021417348	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021411028	BYD COMPANY LIMITED	2021417417	SGD S.A.
2021411029	BYD COMPANY LIMITED	2021417544	PARK, M.K.
2021411080	ASSOCIAÇÃO CECOLAB - COLLABORATIVE LABORATORY TOWARDS CIRCULAR ECONOMY; ASSOCIAÇÃO BLC3 - CAMPUS DE TECNOLOGIA E INOVAÇÃO	2021417771	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021411096	DATCHEM	2021418092	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021411431	CAPITAL ONE SERVICES, LLC	2021418118	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2021411501	BECTON, DICKINSON AND COMPANY	2021418342	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
2021411772	ABUNDIA BIOMASS-TO-LIQUIDS LIMITED	2021418796	BASF SE
2021411868	SENJU PHARMACEUTICAL CO., LTD.	2021418839	NIPPON STEEL CORPORATION
2021411979	VAREX IMAGING CORPORATION; VEC IMAGING GMBH & CO. KG	2021419496	WING AVIATION LLC
2021412412	ABUNDIA BIOMASS-TO-LIQUIDS LIMITED	2021420578	MONCLER S.P.A.
2021412432	VRG THERAPEUTICS KFT.	2021420911	GRASSLANZ TECHNOLOGY LIMITED
2021412770	DESARROLLOS TECNOLOGICOS S.A.	2021421025	RHEINMETALL LANDSYSTEME GMBH
2021412969	WEINSTOCK, M.F.	2021421094	BECTON, DICKINSON AND COMPANY
2021413098	MAKO SURGICAL CORP.	2021421146	RAYTHEON COMPANY
2021413216	BIOCORRX INC.	2021421335	CPC ENGINEERING PTY LTD
2021413255	MOTIF FOODWORKS, INC.	2021421391	FORREST, M.D.
2021413365	ALAUNOS THERAPEUTICS, INC.	2021421952	NIPPON SODA CO., LTD.
2021413448	ZHEJIANG VIMGREEN PHARMACEUTICALS, LTD	2021422317	BECTON, DICKINSON AND COMPANY
2021413465	BYD COMPANY LIMITED	2021422338	SCOTSMAN ICE S.R.L.
2021413536	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.	2021422883	MOHANRAJ, V.; HO, D.J.
2021413624	NAGRAVISION SÄRL	2021423609	VANDAPAC CO., LTD.
2021413653	I-MAB BIOPHARMA (HANGZHOU) CO., LTD.	2021425264	SEKISUI HOUSE, LTD.
2021413662	ASSA ABLOY AB	2021426852	SLEEP NUMBER CORPORATION
2021413684	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.	2021429543	OBI PHARMA, INC.
2021413868	BOUNCE, INC.	2021430302	WING AVIATION LLC
2021414000	VAREX IMAGING CORPORATION	2021430693	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2021414090	W.L. GORE & ASSOCIATES, INC.	2021431032	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2021414155	HUAWEI TECHNOLOGIES CO., LTD.	2021431719	SAMSUNG ELECTRONICS CO., LTD.
2021414160	NONA BIOSCIENCES (SUZHOU) CO., LTD.; YINUOKE BIOMEDICAL CO., LTD.	2021434172	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2021414195	PROPRIO, INC.	2021434229	HITACHI, LTD.
2021414212	AXSOME THERAPEUTICS, INC.	2021434937	BEIJING MABWORKS BIOTECH CO., LTD
2021414233	MITEK HOLDINGS, INC.	2021435103	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2021414245	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.	2021435270	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2021414304	SECARNA PHARMACEUTICALS GMBH & CO. KG	2021437096	HALLIBURTON ENERGY SERVICES, INC.
2021414390	ILOODA, CO., LTD.	2021437739	mitsubishi electric corporation
2021414394	LEONARDO S.P.A.	2021438605	BYD COMPANY LIMITED
2021414772	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO	2021440929	LEAR CORPORATION
		2022204978	AMGEN INC.

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2022205052	NEOMICS PHARMACEUTICALS LLC	2022209657	LG CHEM, LTD.
2022205085	FIDELITY INFORMATION SERVICES, LLC	2022209692	COLGATE-PALMOLIVE COMPANY
2022205088	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED; AAVANTIBIO, INC.	2022209708	BLACKHAWK NETWORK, INC.
2022205108	BIOCON LIMITED	2022209715	ZIVO BIOSCIENCE, INC.
2022205116	HATCH LTD.	2022209775	NIPPON SODA CO., LTD.
2022205279	BECTON, DICKINSON AND COMPANY	2022210051	OLIVIER NV
2022205300	INSULET CORPORATION	2022210115	JAGTECH AS
2022205313	TONIX PHARMA LIMITED	2022210268	ALFRED KÄRCHER SE & CO. KG
2022205377	CELLANOME, INC.	2022210340	LANDIS+GYR INNOVATIONS, INC.
2022205421	VERTEX PHARMACEUTICALS INCORPORATED	2022210371	BAYER AKTIENGESELLSCHAFT; BAYER AS
2022205429	SENECA THERAPEUTICS, INC.	2022210404	INSTITUT GUSTAVE ROUSSY
2022205506	THEMIS S.R.L.	2022210419	SENECA THERAPEUTICS, INC.
2022205567	LAKI POWER EHF.	2022210445	TERAHERTZ VENTURES LLC
2022205592	BECTON, DICKINSON AND COMPANY	2022211056	BRII BIOSCIENCES, INC.
2022205619	YETI COOLERS, LLC	2022211174	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
2022205628	ABBVIE INC.; ABBVIE DEUTSCHLAND GMBH & CO KG	2022211404	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2022205633	GIULIANO, S.	2022211563	SCV - SPEZIALCHEMIKALIENVERTRIEB GMBH
2022205638	PALLEON PHARMACEUTICALS INC.	2022212109	USA MEDICAL ELECTRONIX, INC.
2022205650	CROSSTEK MEMBRANE TECHNOLOGY LLC	2022212301	ARRIS ENTERPRISES LLC
2022205661	DARKTRACE, INC.	2022212344	BRC ENGINEERING AG
2022205729	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2022212395	TRASIS S.A
2022205787	ASCENDANCE FLIGHT TECHNOLOGIES	2022212419	SERCEL
2022205919	BECTON, DICKINSON AND COMPANY	2022212670	SAMSUNG ELECTRONICS CO., LTD.
2022205940	INCARDA THERAPEUTICS, INC.	2022213291	SIGNPATH PHARMA, INC.
2022205950	BECTON, DICKINSON AND COMPANY	2022213313	BAYER HEALTHCARE LLC
2022206035	BEIJING HANMI PHARMACEUTICAL CO., LTD.	2022213339	HELIPONIX, LLC
2022206060	BASF SE	2022213376	HOVER INC.
2022206070	WONDERLAND SWITZERLAND AG	2022213384	IONIS PHARMACEUTICALS, INC.
2022206116	CORFLOW THERAPEUTICS AG	2022213445	BOLDER SURGICAL, LLC
2022206194	BECTON, DICKINSON AND COMPANY	2022213456	THE PROCTER & GAMBLE COMPANY
2022206202	PUREWICK CORPORATION	2022214296	PAYPAL, INC.
2022206215	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2022214550	THE PROCTER & GAMBLE COMPANY
2022206263	PALLEON PHARMACEUTICALS INC.	2022214843	ZOETIS SERVICES LLC
2022206264	PALLEON PHARMACEUTICALS INC.	2022214912	JOHNSON & JOHNSON CONSUMER INC.
2022206324	SANA BIOTECHNOLOGY, INC.	2022214939	NEXTPPOINT THERAPEUTICS, INC.
2022206438	SYROS PHARMACEUTICALS, INC.	2022215105	CHUGAI SEIYAKU KABUSHIKI KAISHA
2022206444	NONO INC.	2022215329	FRESHLIGHT SAFED PTY LTD
2022206476	THE BROAD INSTITUTE, INC.; PRESIDENT AND FELLOWS OF HARVARD COLLEGE; THE TRUSTEES OF PRINCETON UNIVERSITY; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022215452	SANWA KAGAKU KENKYUSHO CO., LTD.
2022206549	BASF COATINGS GMBH	2022216230	ELI LILLY AND COMPANY
2022206653	ALAKAI TECHNOLOGIES CORPORATION	2022216364	BEIERSDORF AG
2022206656	BECTON, DICKINSON AND COMPANY	2022217714	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022207104	TAE TECHNOLOGIES, INC.	2022217967	JFE STEEL CORPORATION
2022207340	KARBON CCS LTD	2022218864	CHEP TECHNOLOGY PTY LIMITED
2022207459	R.P. SCHERER TECHNOLOGIES, LLC	2022219163	ESSILOR INTERNATIONAL
2022207738	SOLIS HERRERA, A.	2022219474	BK GIULINI GMBH
2022208002	NETFLIX, INC.	2022219981	CONCEALFAB CORP.
2022208037	GINKGO BIOWORKS, INC.	2022220304	WATTS REGULATOR CO.
2022208046	W. L. GORE & ASSOCIATES, INC.	2022220392	DAIKIN INDUSTRIES, LTD.; DAIKIN EUROPE N.V.
2022208153	ALZCHEM TROSTBERG GMBH	2022220633	ESSILOR INTERNATIONAL
2022208200	MORPHOSYS AG	2022220732	BK GIULINI GMBH
2022208205	LTS LOHMANN THERAPIE-SYSTEME AG	2022221221	KOMATSU KVX LLC NUF
2022208206	MERCK PATENT GMBH	2022221314	INNOVENTRIC LTD.
2022208208	LTS LOHMANN THERAPIE-SYSTEME AG	2022222172	WEW GMBH
2022208266	INTERDIGITAL PATENT HOLDINGS, INC.	2022222248	SAMSUNG ELECTRONICS CO., LTD.
2022208295	PULPAC AB	2022222386	GLYKOS FINLAND OY
2022208362	INTEGRATED DNA TECHNOLOGIES, INC.	2022223127	CROWN EQUIPMENT CORPORATION
2022208364	MUREVA PHOTOTHERAPY INC.	2022223482	ESPERA-WERKE GMBH
2022208410	FYSAM AUTO DECORATIVE GMBH	2022223771	BOSTON SCIENTIFIC SCIMED INC.
2022208412	LTS LOHMANN THERAPIE-SYSTEME AG	2022224692	BIOMEDIX, S.A.; GODIN, N.
2022208413	IMMATICS BIOTECHNOLOGIES GMBH	2022224953	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022208429	CAMBRIDGE COGNITION LIMITED	2022225057	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022208438	MARICAGE OY	2022226837	BIONEER CORPORATION; SIRNAGEN THERAPEUTICS CORPORATION
2022208639	THRYV THERAPEUTICS INC.	2022226855	SHERRITT INTERNATIONAL CORPORATION
2022208708	ADVANCED MAGNET LAB, INC.	2022227126	SKF LUBRICATION SYSTEMS GERMANY GMBH
2022209194	CAREFUSION 303, INC.	2022227784	ELECTROLUX APPLIANCES AKTIEBOLAG
		2022228272	BYD COMPANY LIMITED
		2022228640	F. HOFFMANN-LA ROCHE AG
		2022229339	BYD COMPANY LIMITED

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2022233452 ALPHATEC SPINE, INC.
2022237727 ZEHNDER GROUP INTERNATIONAL AG
2022239692 KROPF, D.
2022239968 WESTERN CLINICAL ENGINEERING LTD.
2022248319 BYD COMPANY LIMITED
2022248475 FUJI OIL HOLDINGS INC.
2022284507 IHI CORPORATION
2022305654 Qingdao University of Technology
2022340808 SCOUT BIO, INC.
2022342981 LG ENERGY SOLUTION, LTD.
2022343390 KSM TECHNOLOGY CO., LTD.
2022378270 LG CHEM, LTD.
2022389225 SHANDONG UNIVERSITY OF SCIENCE AND TECHNOLOGY
2022423803 SUMITOMO METAL MINING CO., LTD.

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2021404187		2022340808			2021390924
2021409688	2021385689	<u>A61P 31 /-</u>	<u>A61Q 11 /-</u>	2021407391	<u>B24C 7 /-</u>
2021413653	2021391411			2022208362	
2021414212	2021392309	2021396584	2022213456	<u>B01J 20 /-</u>	2021390588
2021414772	2021393832	2021397631	2022214550		2021390924
2022205940	2021413653	2021401887		2021386427	<u>B25J 9 /-</u>
2022208205	2022205628	2021407771	<u>A61Q 19 /-</u>		
2022208208		2021410544		<u>B01L 3 /-</u>	2021413098
2022208412	<u>A61P 11 /-</u>	2022211056	2021403876	2021409937	
2022209657			2021421391	2021410016	<u>B28D 1 /-</u>
2022213291	2021388018	<u>A61P 33 /-</u>	<u>A62C 3 /-</u>		
2022215452	2022224953			<u>B01L 7 /-</u>	2022212344
2022226837	<u>A61P 13 /-</u>	2021390173	2021417544		
		<u>A61P 35 /-</u>	<u>A62D 1 /-</u>	2021409937	<u>B29B 17 /-</u>
<u>A61L 2 /-</u>	2021397631				
		2020479745	<u>A62D 5 /-</u>	2022210115	<u>B29C 51 /-</u>
2021397807	<u>A61P 17 /-</u>	2021391600			
		2021392309	2021417544	<u>B03C 1 /-</u>	2021415465
<u>A61L 26 /-</u>	2021388018	2021396593		2022210115	<u>B29C 51 /-</u>
	2021411868	2021398061	2021394480	<u>B03D 1 /-</u>	2022208295
2022216364	2021413653	2021399800			
	2022226837	2021407529	<u>A63B 24 /-</u>	2021418796	<u>B29C 55 /-</u>
<u>A61L 27 /-</u>		2021408227			
	<u>A61P 19 /-</u>	2021413365	2022215329	<u>B05B 1 /-</u>	2020480038
2022224692		2021413448			
2022378270	2021413653	2021414160	<u>A63B 39 /-</u>	2021390588	<u>B29C 59 /-</u>
	2022225057	2021414304			
<u>A61L 31 /-</u>		2021429543	2021413868	<u>B05B 12 /-</u>	2020480038
	<u>A61P 21 /-</u>	2021434937			
2022224692		2022205429	<u>A63B 43 /-</u>	2022210268	<u>B29D 24 /-</u>
	2021392309	2022205638			
<u>A61L 9 /-</u>		2022206035	2021413868	<u>B05B 9 /-</u>	2021416329
	<u>A61P 25 /-</u>	2022206263			
2021397807		2022206438	<u>A63B 63 /-</u>	2022210268	<u>B29D 99 /-</u>
	2021387679	2022210371			
<u>A61M 1 /-</u>	2021391411	2022210419	2022215329	<u>B07B 13 /-</u>	2021416329
	2021394129	2022211563			
2021386427	2021398577	2022214939	<u>A63B 69 /-</u>	2021393368	<u>B31D 1 /-</u>
	2021403197	2022215105			
<u>A61M 25 /-</u>	2021404073	202222386	2022215329	<u>B08B 3 /-</u>	2021416743
	2021404073				
2021410717	2021404187	<u>A61P 37 /-</u>	<u>B01D 11 /-</u>	2022210268	<u>B32B 27 /-</u>
2021421094	2021407711				
2021422317	2021411868	2021385689	2021409620	<u>B09B 3 /-</u>	2021394480
2022205279	2021414212	2021388477	2021409860		2021416743
2022205592	2022205088	2021413365		2021392085	2021434229
2022205919	2022206444	2022205313	<u>B01D 46 /-</u>	2021396652	
2022205950	2022208639	2022216230		2021410044	<u>B32B 3 /-</u>
	2022213384	2022224953	2021394480		
<u>A61M 5 /-</u>	2022215452		2021414090	<u>B09C 1 /-</u>	2021394480
2021391499				2021392317	

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B32B 37 /-	B60N 2 /-	B63B 35 /-	B65D 47 /-	C02F 1 /-	2021407529
2021414394	2021393787	2021392317	2021403890	2021396652	C07D 403 /-
B32B 5 /-	B60P 1 /-	B64C 1 /-	2021416368	2021405486	2021394129
2021434229	2021412770	2021414394	2022205619	2022207738	2021396454
B33Y 10 /-	B60P 3 /-	B64C 25 /-	B65D 51 /-	C02F 103 /-	2021407529
2021415293	2021399891	2021416302	2022205619	2021396652	C07D 405 /-
B33Y 30 /-	B60R 19 /-	B64C 29 /-	B65D 85 /-	2021405486	2021405918
2021415293	2021412770	2022205787	2021390595	C02F 3 /-	2021407529
B41F 31 /-	B60R 9 /-	B64C 3 /-	2022239692	2021392317	C07D 413 /-
2021389617	2022208410	2021416329	B65D 88 /-	C03B 25 /-	2021405918
B41F 5 /-	B60W 20 /-	B64C 39 /-	2021351723	2021355512	2021407529
2021389617	2022205787	2021416302	2021355512	2021364103	C07D 417 /-
B41M 1 /-	B60W 30 /-	B64C 5 /-	2021355513	C03B 3 /-	2021407529
2021435270	2022205787	2021416329	2021364103	C03B 3 /-	2021407529
B41M 5 /-	B62B 3 /-	B64D 27 /-	B65D 90 /-	2021355512	C07D 419 /-
2021435270	2021394121	2022205787	2021421335	2021364103	2021411868
B60B 19 /-	B62B 5 /-	B64F 1 /-	B65G 21 /-	C03B 5 /-	C07D 471 /-
2021394121	2021394121	2021416302	2021351723	2021355512	2021390173
B60D 1 /-	B62B 7 /-	B64F 5 /-	2021355512	2021364103	2021393080
2021400854	2022206070	2021414394	2021355513	C03C 23 /-	2021407529
B60J 7 /-	B62B 9 /-	B64G 1 /-	2021364103	2021416728	C07D 473 /-
2021423609	2022206070	2021414394	B65G 47 /-	2021417417	2021413448
B60K 1 /-	B62D 1 /-	B65B 11 /-	2021351723	C03C 4 /-	C07D 487 /-
2022248319	2021411028	2021390595	B65G 53 /-	2021416728	2021390173
B60K 11 /-	2021411029	B65B 3 /-	2021351555	2021417417	2021393080
2022248319	2021416210	B65B 39 /-	2021355512	C04B 28 /-	2021396593
B60K 6 /-	B62D 113 /-	2021390519	2021364103	2021416728	2021408227
2022205787	2021416210	B65B 55 /-	B65G 65 /-	2021417417	2022208639
B60L 15 /-	B62D 119 /-	2021390519	2021351555	C04B 7 /-	C07D 491 /-
2021438605	2021416210	B65C 9 /-	2021351723	2021410044	2021408227
B60L 50 /-	B62D 15 /-	2021390519	2021355512	C07B 59 /-	C07D 495 /-
2022207104	2021416210	B65D 19 /-	2021364103	2022212395	2021405918
B60L 53 /-	B62D 3 /-	2022223482	B65G 67 /-	C07C 309 /-	C07D 498 /-
2021256967	2021413465	B65D 39 /-	2021399891	2021403876	2021390173
2021390204	B62D 5 /-	2022218864	B66F 9 /-	C07C 37 /-	C07D 513 /-
2021392002	2021416210	B65D 39 /-	2022223127	2021409620	2021405918
2022205567	B62D 6 /-	2021403890	C01B 3 /-	2021409860	C07D 515 /-
B60L 58 /-	B62D 6 /-	2021403890	C01D 15 /-	C07D 209 /-	C07D 519 /-
2022207104	2021416210	B65D 43 /-	2022423803	2022207459	2021393080
		2021403890	C01F 17 /-	C07D 401 /-	C07F 3 /-
		2021403890	2022343390	2021393080	C07F 5 /-
				2021394129	2021407529
				2021405918	

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<u>C07F 9 /-</u>	<u>C07K 7 /-</u>	<u>C10G 49 /-</u>	<u>C12N 9 /-</u>	<u>C25B 11 /-</u>	<u>E01F 15 /-</u>
2021394129	2022206444	2021412412	2020483278	2021390586	2021399891
<u>C07H 19 /-</u>	<u>C08G 18 /-</u>	<u>C10G 69 /-</u>	2022205421		<u>E02D 27 /-</u>
2021391411	2022206549	2021412412	2022205638	<u>C25B 15 /-</u>	2021425264
2021413448			2022206263	2021416185	
2022211056	<u>C08G 73 /-</u>	<u>C10K 3 /-</u>	2022206476		<u>E02D 37 /-</u>
<u>C07H 21 /-</u>	2021407391	2021412412	<u>C12P 19 /-</u>	<u>C25B 9 /-</u>	2022212344
2021393843	<u>C08J 11 /-</u>	<u>C12G 3 /-</u>	2020483278	2021390586	<u>E02D 5 /-</u>
<u>C07K 1 /-</u>	2021415465	2021405442		2021416185	2022210051
2022205108	<u>C08K 3 /-</u>	<u>C12H 6 /-</u>	<u>C12P 21 /-</u>	2022222172	2022212344
<u>C07K 14 /-</u>	2021407391	2021405442	2021392318	<u>C25C 1 /-</u>	<u>E02D 9 /-</u>
	2022206060		<u>C12Q 1 /-</u>	2022226855	2022212344
2020483278	<u>C08K 5 /-</u>	<u>C12N 1 /-</u>	2021393703	<u>C25C 3 /-</u>	<u>E02F 9 /-</u>
2021391241	2021407391	2021393779	2021420911	2022343390	2022212221
2021393010	2022206060	2021420911	2022205377	<u>C30B 15 /-</u>	<u>E03B 7 /-</u>
2021399800			2022208362	2022205729	2022220304
2021405729	<u>C08L 83 /-</u>	<u>C12N 15 /-</u>	2022210404		<u>E03C 1 /-</u>
2021407771	2021407391	2021391951	2022228640	<u>C30B 29 /-</u>	2022220304
2021410077		2021392318	<u>C12R 1 /-</u>	2022205729	<u>E03C 1 /-</u>
2021410544	<u>C09D 175 /-</u>	2021392809	2021420911		2022220304
2021412432	2022206549	2021393010	<u>C21C 7 /-</u>	<u>D01B 1 /-</u>	<u>E04B 1 /-</u>
2021413365		2021393593	2021390673	2021392085	2021391062
2021413653	<u>C09D 179 /-</u>	2021393779	<u>C22B 1 /-</u>	2021392085	2021414233
2022205052	2021407391	2021393843		<u>D01D 11 /-</u>	<u>E04B 2 /-</u>
2022205088		2021398061	<u>C22B 11 /-</u>	<u>D04B 21 /-</u>	2021411080
2022205108	<u>C09D 5 /-</u>	2021398697	2021396366	2021440929	<u>E04C 1 /-</u>
2022205421	2021407391	2021400235	<u>C22B 15 /-</u>	<u>D05B 11 /-</u>	2021411080
2022208037		2021402185	2021396366	2021420578	<u>E04G 1 /-</u>
2022210419	<u>C09D 7 /-</u>	2021405729		<u>D05B 21 /-</u>	2021393815
2022216230	2021407391	2021406053	<u>C22B 23 /-</u>	2021420578	<u>E04G 21 /-</u>
<u>C07K 16 /-</u>	<u>C09D 7 /-</u>	2021412432	2022205116	<u>D05B 25 /-</u>	2021393815
	2021407391	2021413365	2022226855	2021420578	<u>E04G 25 /-</u>
2020479745		2021414304	<u>C22B 26 /-</u>	<u>D05B 37 /-</u>	2021393815
2021392318	<u>C09J 7 /-</u>	2021416936		2021420578	<u>E04G 5 /-</u>
2021392666	2021416743	2022205088	<u>C22B 3 /-</u>	<u>D06F 55 /-</u>	2021393815
2021398061		2022205638	2021396366	2021407533	<u>E04G 7 /-</u>
2021398697	<u>C10B 53 /-</u>	2022206035	2022205116	<u>D06F 95 /-</u>	2021393815
2021402185	2021411772	2022206263	2022226855	2021407533	<u>E04G 9 /-</u>
2021405029		2022206324	<u>C22B 26 /-</u>	<u>D06H 7 /-</u>	2021425264
2021407023	<u>C10B 57 /-</u>	2022206476		2021420578	<u>E06B 9 /-</u>
2021407771	2021411772	2022208037	<u>C23C 2 /-</u>	<u>D21J 5 /-</u>	2021416244
2021414160		2022208362	2022211174		
2021434937	<u>C10G 1 /-</u>	2022210419	2022423803	<u>C25B 1 /-</u>	
2022205313	2021415465	2022213384	<u>C22B 3 /-</u>	2021390586	
2022205429			2021396366	2021405486	
2022205628	<u>C10G 11 /-</u>	<u>C12N 5 /-</u>	2022205116	2021416185	
2022205633	2021412412	2021392666	2022226855	20222423803	
2022206035		2021392809	<u>C23C 2 /-</u>		
2022206264	<u>C10G 25 /-</u>	2021398061	2021418839	<u>C25B 1 /-</u>	
2022208200	2021412412	2021403025		2021390586	
2022210371		2021407711	<u>C25B 1 /-</u>	2021405486	
2022214843	<u>C10G 3 /-</u>	2021409732	2021390586	2021416185	
2022214939	2021412412	2021410077	2022206653	2022206653	
2022216230		2021413365	2022211174	2022211174	
202222386	<u>C10G 3 /-</u>	2022205633			
2022228640	2021411772				
2022340808	2021412412				
<u>C07K 19 /-</u>		<u>C12N 7 /-</u>			
	<u>C10G 3 /-</u>	2021410544			
2021413365	2021411772	2022205429			
2021413653	2021412412	2022210419			

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<u>E21B 17 /-</u>	<u>F03D 13 /-</u>	<u>F23D 14 /-</u>	<u>F25D 3 /-</u>	<u>G01N 23 /-</u>	<u>G05D 1 /-</u>
2021399111 2021401157 2022210051	2021391996	2021395710	2021417343 2021417348	2022208206	2022223127
<u>E21B 21 /-</u>	<u>F03G 7 /-</u>	<u>F23J 15 /-</u>	<u>F28D 1 /-</u>	<u>G01N 27 /-</u>	<u>G05D 16 /-</u>
2022210115	2022205300 2022206653	2021414090	2021405510	2022305654	2021409934
<u>E21B 28 /-</u>	<u>F16C 11 /-</u>	<u>F24C 15 /-</u>	<u>F28D 7 /-</u>	<u>G01N 30 /-</u>	<u>G05D 3 /-</u>
2021399111 2021401157	2022212670	2022227784	2021405510	2020480829	2022389225
<u>E21B 31 /-</u>	<u>F16D 11 /-</u>	<u>F24D 11 /-</u>	<u>F28F 27 /-</u>	<u>G01N 33 /-</u>	<u>G06F 1 /-</u>
2021399111	2021413465	2022220392	2021405510	2021391811 2021402185 2021403025 2021410077 2022208429 2022209365 2022210419 2022228640	2021431032 2022212670
<u>E21B 33 /-</u>	<u>F16H 57 /-</u>	<u>F24D 13 /-</u>	<u>F28G 13 /-</u>	<u>G06F 11 /-</u>	<u>G06F 11 /-</u>
2021403677	2022248319	2022220392	2021405510	2022205661	
<u>E21B 34 /-</u>	<u>F16J 12 /-</u>	<u>F24D 17 /-</u>	<u>F28G 15 /-</u>	<u>G06F 16 /-</u>	<u>G06F 16 /-</u>
2021399111 2021401157	2022217967	2022220392	2021405510	2022214296	
<u>E21B 47 /-</u>	<u>F16J 15 /-</u>	<u>F24D 19 /-</u>	<u>F41A 33 /-</u>	<u>G01N 35 /-</u>	<u>G06F 17 /-</u>
2021437096	2021407260	2022220392	2021409934	2021409937	2021410731 2022211404
<u>E21B 7 /-</u>	<u>F16L 13 /-</u>	<u>F24D 3 /-</u>	<u>F41B 11 /-</u>	<u>G01R 15 /-</u>	<u>G06F 21 /-</u>
2021399111 2021401157	2021399776 2021404377	2022220392	2021409934	2021397434	2021413662
<u>E21D 15 /-</u>	<u>F16L 19 /-</u>	<u>F24F 1 /-</u>	<u>F41G 3 /-</u>	<u>G01R 31 /-</u>	<u>G06F 3 /-</u>
2022389225	2021407260	2021437739	2021421025	2021397434 2021435103 2022342981	2021407925 2021413662 2021416077 2021431032 2022208002
<u>F01K 1 /-</u>	<u>F16L 33 /-</u>	<u>F24F 11 /-</u>	<u>F41H 5 /-</u>	<u>G01R 33 /-</u>	<u>G06F 9 /-</u>
2022227784	2021399776 2021404377	2022237727	2021421025	2021398587 2021411096	2021407925
<u>F01N 3 /-</u>	<u>F16L 37 /-</u>	<u>F24F 12 /-</u>	<u>F42D 1 /-</u>	<u>G01V 1 /-</u>	<u>G06N 5 /-</u>
2022231500	2021418092	2022237727	2021399178	2022212419	2022205085
<u>F01N 5 /-</u>	<u>F16L 55 /-</u>	<u>F25C 1 /-</u>	<u>G01B 11 /-</u>	<u>G01V 3 /-</u>	<u>G06Q 10 /-</u>
2022231228	2021403615	2021418092 2021422338 2022206215	2021402432	2021398587 2022210445	2021390589 2022205506 2022220633
<u>F01P 3 /-</u>	<u>F16N 21 /-</u>	<u>F25D 11 /-</u>	<u>G01C 1 /-</u>	<u>G01V 7 /-</u>	<u>G06Q 20 /-</u>
2022231228	2022227126	2022223482	20222389225	2022210445	
<u>F01P 7 /-</u>	<u>F16N 25 /-</u>	<u>G01G 19 /-</u>	<u>G01G 19 /-</u>	<u>G01V 8 /-</u>	<u>G06Q 30 /-</u>
2022231228	2022227126	2022223482	2022223482	2022210445	2021393396 2021411431 2022209708
<u>F02B 31 /-</u>	<u>F16N 7 /-</u>	<u>G01G 23 /-</u>	<u>G01M 13 /-</u>	<u>G02C 13 /-</u>	<u>G06Q 30 /-</u>
2022228272	2022227126	2021414245	2021415086	2022219163	2020482458 2021393396
<u>F02D 41 /-</u>	<u>F17C 1 /-</u>	<u>F25D 21 /-</u>	<u>G01M 3 /-</u>	<u>G02C 7 /-</u>	<u>G06Q 50 /-</u>
2022231500	2021390586	2021413684 2022206215	2022220304	2022219163	2021390589 2022209708
<u>F02F 1 /-</u>	<u>F17C 11 /-</u>	<u>F25D 23 /-</u>	<u>G01N 21 /-</u>	<u>G05B 23 /-</u>	
2022229339	2021390586	2021413536 2021413684 2021417771	2021392745 2021398869	2022204978 2022284507	
<u>F02N 19 /-</u>	<u>F17C 13 /-</u>	<u>F25D 29 /-</u>			
2022231228	2022217967	2021390204 2021392002 2021422338			

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<u>G06T 15 /-</u>	2021396279	<u>H02M 1 /-</u>	<u>H04S 7 /-</u>
2021414195	<u>H01B 1 /-</u>	2021256967	2020392253
<u>G06T 19 /-</u>	2021407391	<u>H02M 7 /-</u>	<u>H04W 12 /-</u>
2021418118	<u>H01J 35 /-</u>	2021256967 2022207104	2021413624
<u>G06T 7 /-</u>	2021411979 2021414000	<u>H02P 21 /-</u>	<u>H04W 24 /-</u>
2021390184 2021396279 2021414195 2022213376	<u>H01L 27 /-</u>	2021394102	2020484046
<u>G07C 9 /-</u>	2021417264	<u>H02P 9 /-</u>	<u>H04W 4 /-</u>
2021413662 2021414980	<u>H01L 33 /-</u>	2021394102	2021416077 2022223127
<u>G08B 21 /-</u>	2021417264	<u>H04B 1 /-</u>	<u>H04W 48 /-</u>
2022208438	<u>H01M 10 /-</u>	2021416077	2022208266
<u>G08G 5 /-</u>	2021435103 2022207104	<u>H04J 3 /-</u>	<u>H04W 52 /-</u>
2021419496 2021430302	<u>H01Q 1 /-</u>	2022212301	2022223127
<u>G09C 1 /-</u>	2021398587 2022219981 2022222248	<u>H04L 27 /-</u>	<u>H04W 72 /-</u>
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<u>G09F 3 /-</u>	2022222248	<u>H04L 5 /-</u>	<u>H04W 74 /-</u>
2021416743	<u>H02J 1 /-</u>	2022208266 2022210340	2021414155
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<u>G10L 19 /-</u>	2020484083 2021434172 2022207104 2022284507	<u>H04L 9 /-</u>	<u>H05K 1 /-</u>
2021393468	<u>H02J 7 /-</u>	2021409904 2021413624 2021413662	2021431719
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2021400235	<u>H02K 1 /-</u>	2022212670	2021431719
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2021392031	<u>H02K 16 /-</u>	2021418118	2021421146
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2021396279	<u>H02K 3 /-</u>	2021407925	
<u>G16H 40 /-</u>	2021398587	<u>H04R 3 /-</u>	
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2021391811 2021392031	<u>H02K 9 /-</u>	<u>H04S 5 /-</u>	
		2020392253 2021393468	

Applications Accepted

Name Index

(71) Accenture Global Solutions Limited
 (11) AU-B-2021205017
 (21) 2021205017 (22) 13.07.2021
 (54) PROCESSING DATA UTILIZING A CORPUS
 (51) Int. Cl.
G06F 16/215 (2019.01)
G06F 16/245 (2019.01)
 (43) 12.08.2021
 (44) 20.07.2023
 (62) 2019253836
 (72) SWAMY, Jayant; DE, Brajesh; SAL-GAONKAR, Unmesh; DALAL, Dhanashree; VOHRA, Sanjeev; NATA-RAJAN, Sankar; NAYAR, Anitha
 (74) Murray Trento & Associates Pty Ltd

(71) Acer Incorporated
 (11) AU-B-2022200177
 (21) 2022200177 (22) 12.01.2022
 (54) Device of handling detection of a PD-CCH
 (51) Int. Cl.
H04W 52/02 (2009.01)
H04W 76/28 (2018.01)
 (31) 63/136,656 (32) 13.01.21 (33) US
 17/567,170 03.01.22 US
 (43) 28.07.2022
 (44) 20.07.2023
 (72) LEE, Chien-Min; CHEN, Jen-Hsien; LO, Li-Chung
 (74) Griffith Hack

(71) ACLARIS WATER INNOVATIONS GMBH, LINDAU, ZWEIGNIEDERLASSUNG REBSTEIN
 (11) AU-B-2021338496
 (21) 2021338496 (22) 01.09.2021
 (54) WATER TANK WITH FILTER CART-RIDGE
 (51) Int. Cl.
B01D 29/11 (2006.01)
A47J 31/60 (2006.01)
B01D 27/08 (2006.01)
B01D 29/96 (2006.01)
B01D 35/027 (2006.01)
B01D 35/153 (2006.01)
C02F 1/00 (2023.01)
 (87) WO2022/049132
 (31) 10 2020 123 009.5 (32) 03.09.20 (33) DE
 10 2021 107 068.6 22.03.21 DE
 (43) 10.03.2022
 (44) 20.07.2023
 (72) WALLERSTORFER, Kurt
 (74) Spruson & Ferguson

(71) Active Tools International (HK) Ltd.
 (11) AU-B-2018438788
 (21) 2018438788 (22) 30.08.2018
 (54) Tire sealant composition
 (51) Int. Cl.
C08L 101/00 (2006.01)

C08G 83/00 (2006.01)
C08K 7/24 (2006.01)
C08L 7/00 (2006.01)
 (87) WO2020/042075
 (43) 05.03.2020
 (44) 20.07.2023
 (72) CHING, Wai Kwong; WIDJAJA, Angeline; LAM, Koon Fung
 (74) Churchill Attorneys

(71) Adagene Inc.
 (11) AU-B-2017428934
 (21) 2017428934 (22) 21.08.2017
 (54) Dynamic human antibody light chain libraries
 (51) Int. Cl.
C40B 40/08 (2006.01)
C07K 16/00 (2006.01)
C40B 30/04 (2006.01)
C40B 40/02 (2006.01)
C40B 40/10 (2006.01)
C40B 50/06 (2006.01)
 (87) WO2019/036856
 (43) 28.02.2019
 (44) 20.07.2023
 (72) LUO, Peter Peizhi; LI, Yan; DU, Fangyong
 (74) AJ PARK

(71) Advanced Medical Solutions Limited
 (11) AU-B-2017388136
 (21) 2017388136 (22) 22.12.2017
 (54) Adhesive applicator
 (51) Int. Cl.
A61B 17/00 (2006.01)
A61B 90/00 (2016.01)
 (87) WO2018/122554
 (31) 1622423.0 (32) 30.12.16 (33) GB
 (43) 05.07.2018
 (44) 20.07.2023
 (72) Parish, Simon Mark; Gopalakrishnan, Nithinkrishnan; Miller, Guy Stephen
 (74) Griffith Hack

(71) Aer Beatha Limited
 (11) AU-B-2017329902
 (21) 2017329902 (22) 21.09.2017
 (54) Canister and valve
 (51) Int. Cl.
B65D 83/54 (2006.01)
B05B 7/04 (2006.01)
B65D 83/14 (2006.01)
B65D 83/66 (2006.01)
 (87) WO2018/055047
 (31) 1616107.7 (32) 22.09.16 (33) GB
 (43) 29.03.2018
 (44) 20.07.2023
 (72) Friel, Michael
 (74) Phillips Ormonde Fitzpatrick

(71) Aer Beatha Limited
 (11) AU-B-2018297572
 (21) 2018297572 (22) 03.07.2018

(54) Spacer
 (51) Int. Cl.
A61M 15/00 (2006.01)
 (87) WO2019/007968
 (31) 1710621.2 (32) 03.07.17 (33) GB
 (43) 10.01.2019
 (44) 20.07.2023
 (72) FRIEL, Michael
 (74) Phillips Ormonde Fitzpatrick

(71) AgJunction LLC
 (11) AU-B-2017346492
 (21) 2017346492 (22) 16.10.2017
 (54) An actuator for turning a steering wheel in automatic steering systems
 (51) Int. Cl.
B62D 1/00 (2006.01)
B62D 5/04 (2006.01)
G05D 1/02 (2006.01)
 (87) WO2018/075397
 (31) 62/409,210 (32) 17.10.16 (33) US
 (43) 26.04.2018
 (44) 20.07.2023
 (72) Joughin, Alan Robert
 (74) Davies Collison Cave Pty Ltd

(71) Agri-Spread
 (11) AU-B-2017304293
 (21) 2017304293 (22) 27.07.2017
 (54) A conveyor apparatus for a trailed spreader
 (51) Int. Cl.
B65G 23/44 (2006.01)
B60P 1/38 (2006.01)
B65G 15/42 (2006.01)
B65G 23/06 (2006.01)
 (87) WO2018/020461
 (31) 1613178.1 (32) 29.07.16 (33) GB
 (43) 01.02.2018
 (44) 20.07.2023
 (72) Murphy, David; Murphy, Dermot
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) AIXLens GmbH
 (11) AU-B-2017376731
 (21) 2017376731 (22) 12.10.2017
 (54) Method for producing a transmissive optics
 (51) Int. Cl.
B23K 26/36 (2014.01)
B23K 26/0622 (2014.01)
B23K 26/082 (2014.01)
B29D 11/00 (2006.01)
B33Y 80/00 (2015.01)
G02B 1/04 (2006.01)
B22F 3/105 (2006.01)
B23K 103/00 (2006.01)
 (87) WO2018/108192
 (31) 10 2016 014 747.4 (32) 13.12.16 (33) DE
 10 2017 002 986.5 28.03.17 DE
 (43) 21.06.2018

Applications Accepted - Name Index cont'd

(44) 20.07.2023
 (72) Von Wallfeld, Axel; Poprawe, Reinhart; Fornaroli, Christian; Willenborg, Edgar; Weingarten, Christian; Clasen, Uwe
 (74) Davies Collison Cave Pty Ltd

(71) Alcoa USA Corp.
 (11) AU-B-2021261929
 (21) 2021261929 (22) 04.11.2021
 (54) SYSTEMS AND METHODS FOR MAKING CERAMIC POWDERS AND CERAMIC PRODUCTS
 (51) Int. Cl.
C04B 35/58 (2006.01)
C04B 35/52 (2006.01)
C04B 35/634 (2006.01)
C04B 35/83 (2006.01)

(43) 09.12.2021
 (44) 20.07.2023
 (62) 2017281911
 (72) McMillen, James C.; Sworts, Lance M.; Mosser, Benjamin D.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Alerje, Inc.
 (11) AU-B-2018219427
 (21) 2018219427 (22) 13.02.2018
 (54) Detachable medical device system
 (51) Int. Cl.
A61B 50/30 (2016.01)
 (87) WO2018/148741
 (31) 62/458,223 (32) 13.02.17 (33) US
 62/468,657 08.03.17 US
 62/527,520 30.06.17 US
 62/506,829 16.05.17 US
 62/586,274 15.11.17 US
 62/547,199 18.08.17 US
 (43) 16.08.2018
 (44) 20.07.2023
 (72) Evelyn, Javier; Martin, William Hunter; Ivy, Nathan
 (74) Burns IP Law Pty Ltd

Allen, C.J. see Le Dévédec, F.
 (21) 2021202965

(71) Allergan Industrie, SAS
 (11) AU-B-2021202089
 (21) 2021202089 (22) 06.04.2021
 (54) Compositions and methods for improving skin appearance
 (51) Int. Cl.
A61K 8/34 (2006.01)
A61K 8/60 (2006.01)
A61K 8/67 (2006.01)
A61K 8/73 (2006.01)
A61Q 19/08 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
 (43) 29.04.2021
 (44) 20.07.2023
 (62) 2016217963
 (72) Lebreton, Pierre; Guetta, Olivier
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-B-2019356918
 (21) 2019356918 (22) 09.10.2019
 (54) System, chip tray, and method
 (51) Int. Cl.
A63F 11/00 (2006.01)
G07D 9/02 (2006.01)
G07F 17/32 (2006.01)
 (87) WO2020/076935
 (31) 62/743,451 (32) 09.10.18 (33) US
 (43) 16.04.2020
 (44) 20.07.2023
 (72) GÉLINOTTE, Emmanuel Sylvain; SOUILLOT, Jonathan; MOLINA, Bernard; EMERIC, Jason; REED, Jeffrey; GRONAU, Gregory; SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-B-2021229225
 (21) 2021229225 (22) 09.09.2021
 (54) Inspection system and management system
 (51) Int. Cl.
A63F 3/00 (2006.01)
A63F 9/24 (2006.01)
G06K 19/04 (2006.01)
G07D 5/00 (2006.01)
 (43) 07.10.2021
 (44) 20.07.2023
 (62) 2019253861
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-B-2021229247
 (21) 2021229247 (22) 10.09.2021
 (54) Inspection system and management system
 (51) Int. Cl.
A63F 3/00 (2006.01)
A63F 9/24 (2006.01)
G06K 19/04 (2006.01)
G07D 5/00 (2006.01)
 (43) 07.10.2021
 (44) 20.07.2023
 (62) 2019253861
 (72) SHIGETA, Yasushi
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-B-2022200505
 (21) 2022200505 (22) 27.01.2022
 (54) TABLE GAME MANAGEMENT SYSTEM, SUBSTITUTE CURRENCY FOR GAMING, AND INSPECTION DEVICE
 (51) Int. Cl.
A63F 1/06 (2006.01)
A44C 21/00 (2006.01)
A63F 3/00 (2006.01)
G07F 17/32 (2006.01)
 (43) 24.02.2022
 (44) 20.07.2023
 (62) 2016356233
 (72) Shigeta, Yasushi
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-B-2021212114
 (21) 2021212114 (22) 06.08.2021
 (54) Crown input for a wearable electronic device
 (51) Int. Cl.
G06F 3/0362 (2013.01)
G04G 21/00 (2010.01)
 (43) 26.08.2021
 (44) 20.07.2023
 (62) 2019257521
 (72) ZAMBETTI, Nicholas; CHAUDHRI, Imran; DASCOLA, Jonathan R.; DYE, Alan C.; FOSS, Christopher Patrick; GUZMAN, Aurelio; KARUNAMUNI, Chanaka G.; KERR, Duncan Robert; LEMAY, Stephen O.; WILSON, Christopher; WILSON, Eric Lance; YANG, Lawrence Y.; BUTCHER, Gary I; IVE, Jonathan P.; LYNCH, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-B-2022235614
 (21) 2022235614 (22) 23.09.2022
 (54) Displaying a scrollable list of affordances associated with physical activities
 (51) Int. Cl.
G06F 1/16 (2006.01)
A61B 5/11 (2006.01)
G06F 3/0488 (2022.01)
 (43) 13.10.2022
 (44) 20.07.2023
 (62) 2021204422
 (72) Williams, Aled Hywel; Butcher, Gary Ian; Soli, Christopher D.; Sundstrom, Matthew J.; Wiebe, Molly Pray; Triverio, Marco; Carrigan, Taylor G.; Lemay, Stephen O.; Brittain, Roxanne; Lynch, Kevin
 (74) FPA Patent Attorneys Pty Ltd

(71) Aquanta Inc.
 (11) AU-B-2018291052
 (21) 2018291052 (22) 02.07.2018
 (54) Water heater usage profiling utilizing energy meter and attachable sensors
 (51) Int. Cl.
F24H 9/20 (2006.01)
F24H 1/20 (2006.01)
 (87) WO2019/006461
 (31) 62/527,803 (32) 30.06.17 (33) US
 (43) 03.01.2019
 (44) 20.07.2023
 (72) Van Houten, Arnoud Bruins Jan
 (74) Davies Collison Cave Pty Ltd

(71) Ares Trading S.A.
 (11) AU-B-2021204814
 (21) 2021204814 (22) 09.07.2021
 (54) Pyrazole compounds as modulators of FSHR and uses thereof
 (51) Int. Cl.
C07D 491/052 (2006.01)
A61K 31/4162 (2006.01)
A61P 15/08 (2006.01)
 (43) 05.08.2021

Applications Accepted - Name Index cont'd

(44) 20.07.2023
 (62) 2020201240
 (72) YU, Henry; QI, Changhe; TEM-PEST, Paul; NATARAJA, Selvaraj G.; PALMER, Stephen S.
 (74) Spruson & Ferguson

(71) argenx BVBA
 (11) AU-B-2018380979
 (21) 2018380979 (22) 07.12.2018
 (54) Use of FcRn antagonists for treatment of generalized myasthenia gravis
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61P 37/06 (2006.01)
 (87) WO2019/110823
 (31) 62/596,562 (32) 08.12.17 (33) US
 (43) 13.06.2019
 (44) 20.07.2023
 (72) DE HAARD, Johannes; DREIER, Torsten; ULRICHTS, Peter; GUGLIETTA, Antonio; LEUPIN, Nicolas
 (74) Spruson & Ferguson

(71) Artoss GmbH
 (11) AU-B-2018246310
 (21) 2018246310 (22) 29.03.2018
 (54) Carrier composition for bone substitute materials
 (51) Int. Cl.
A61L 27/02 (2006.01)
A61L 27/12 (2006.01)
A61L 27/18 (2006.01)
A61L 27/42 (2006.01)
A61L 27/46 (2006.01)
A61L 27/52 (2006.01)
A61L 27/58 (2006.01)
 (87) WO2018/178266
 (31) 17163687.1 (32) 29.03.17 (33) EP
 (43) 04.10.2018
 (44) 20.07.2023
 (72) Gerber, Thomas
 (74) Spruson & Ferguson

(71) Asahi Kasei Kabushiki Kaisha
 (11) AU-B-2020283173
 (21) 2020283173 (22) 29.05.2020
 (54) Forward osmosis membrane, forward osmosis membrane module, and manufacturing method thereof
 (51) Int. Cl.
B01D 61/00 (2006.01)
B01D 63/02 (2006.01)
B01D 69/02 (2006.01)
B01D 69/08 (2006.01)
B01D 69/10 (2006.01)
B01D 69/12 (2006.01)
B01D 71/34 (2006.01)
B01D 71/42 (2006.01)
B01D 71/52 (2006.01)
B01D 71/56 (2006.01)
B01D 71/60 (2006.01)
B01D 71/62 (2006.01)
B01D 71/64 (2006.01)
B01D 71/68 (2006.01)
B01D 71/72 (2006.01)
 (87) WO2020/241860
 (31) 2019-102652 (32) 31.05.19 (33) JP
 (43) 03.12.2020

(44) 20.07.2023
 (72) HOTTA, Daisuke
 (74) Griffith Hack

(71) Attabotics Inc.
 (11) AU-B-2020275488
 (21) 2020275488 (22) 08.05.2020
 (54) Space-efficient order fulfillment system for workflow between service areas
 (51) Int. Cl.
B65G 1/04 (2006.01)
B25J 5/00 (2006.01)
B25J 9/18 (2006.01)
B60P 1/38 (2006.01)
 (87) WO2020/229973
 (31) 62/846,295 (32) 10.05.19 (33) US
 (43) 19.11.2020
 (44) 20.07.2023
 (72) GRAVELLE, Scott; LANGEN, Douglas; DHALIWAL, Sundeeep
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) AVALYN PHARMA INC.
 (11) AU-B-2022202932
 (21) 2022202932 (22) 03.05.2022
 (54) AEROSOL PIRFENIDONE AND PYRIDONE ANALOG COMPOUNDS AND USES THEREOF
 (51) Int. Cl.
A61K 31/4418 (2006.01)
 (43) 26.05.2022
 (44) 20.07.2023
 (62) 2020210246
 (72) SURBER, Mark William
 (74) AJ PARK

(71) Axine Water Technologies Inc.
 (11) AU-B-2018301809
 (21) 2018301809 (22) 12.07.2018
 (54) Method of operating a wastewater treatment system
 (51) Int. Cl.
C02F 1/467 (2023.01)
C02F 1/461 (2023.01)
C25B 15/02 (2006.01)
 (87) WO2019/014467
 (31) 62/531,539 (32) 12.07.17 (33) US
 (43) 17.01.2019
 (44) 20.07.2023
 (72) Krasovic, Julia Lynne
 (74) Spruson & Ferguson

(71) BAE Systems PLC
 (11) AU-B-2019233783
 (21) 2019233783 (22) 05.03.2019
 (54) Improved pressed head
 (51) Int. Cl.
F42B 5/285 (2006.01)
B21K 21/04 (2006.01)
F42B 5/307 (2006.01)
F42B 33/00 (2006.01)
F42B 35/02 (2006.01)
 (87) WO2019/175539
 (31) 18275039.8 (32) 13.03.18 (33) EP
 1804012.1 13.03.18 GB
 (43) 19.09.2019

(44) 20.07.2023
 (72) PENNELL, Ian John; PICKLES, Ian Richard; SHUFFLEBOTHAM, Michael; BEBBINGTON, Allan Ronald
 (74) Spruson & Ferguson

(71) Ball Corporation
 (11) AU-B-2020315959
 (21) 2020315959 (22) 23.07.2020
 (54) Seam seal for wine in beverage cans
 (51) Int. Cl.
B65D 17/00 (2006.01)
B65D 25/14 (2006.01)
 (87) WO2021/016415
 (31) 62/878,142 (32) 24.07.19 (33) US
 (43) 28.01.2021
 (44) 20.07.2023
 (72) STOWITTS, Adam; TRELA, Brent; BURT, Ron
 (74) Spruson & Ferguson

(71) Barracuda Environmental Solutions Inc.
 (11) AU-B-2018260909
 (21) 2018260909 (22) 08.11.2018
 (54) On-board mixing system for firefighting chemicals
 (51) Int. Cl.
A62C 5/00 (2006.01)
 (31) 62/651,112 (32) 31.03.18 (33) US
 (43) 17.10.2019
 (44) 20.07.2023
 (72) Schnarr, Michael; Hulbert, Dennis; Graves, Marshall; Milligan, Danny; Geissler, Gerald; Floden, Duane
 (74) Spruson & Ferguson

(71) BASF SE
 (11) AU-B-2017382934
 (21) 2017382934 (22) 21.12.2017
 (54) Container coupling and opening device with probe
 (51) Int. Cl.
B67D 3/00 (2006.01)
B67D 7/02 (2010.01)
 (87) WO2018/115285
 (31) 16206405.9 (32) 22.12.16 (33) EP
 (43) 28.06.2018
 (44) 20.07.2023
 (72) Sasturain, Juan; Lischetzki, Peter; Huber, Robert
 (74) Griffith Hack

(71) BASF SE
 (11) AU-B-2018372918
 (21) 2018372918 (22) 20.11.2018
 (54) Microtiter plates designed for high-throughput screening of piercing-sucking pests such as arthropods
 (51) Int. Cl.
B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
 (87) WO2019/103986
 (31) 62/590,860 (32) 27.11.17 (33) US
 (43) 31.05.2019

Applications Accepted - Name Index cont'd

- (44) 20.07.2023
 (72) DAILEY, Justin Jeong; DRIVER, Marion Ellis
 (74) Griffith Hack
-
- (71) Bayer HealthCare LLC
 (11) AU-B-2021225235
 (21) 2021225235 (22) 03.09.2021
 (54) System and method for syringe fluid fill verification and image recognition of power injector system features
 (51) Int. Cl.
A61M 5/145 (2006.01)
A61M 5/00 (2006.01)
A61M 5/142 (2006.01)
A61M 5/178 (2006.01)
A61M 5/30 (2006.01)
A61M 5/307 (2006.01)
A61M 5/31 (2006.01)
 (43) 30.09.2021
 (44) 20.07.2023
 (62) 2016315634
 (72) Cowan, Kevin P.; Spohn, Michael A.; McDermott, Michael; Grubic, Herbert M.; Phalen, Henry
 (74) Davies Collison Cave Pty Ltd
-
- (71) Becton Dickinson and Company Limited
 (11) AU-B-2018210218
 (21) 2018210218 (22) 15.01.2018
 (54) Syringe adapter for closed transfer of fluids
 (51) Int. Cl.
A61J 1/14 (2006.01)
A61J 1/20 (2006.01)
A61M 5/31 (2006.01)
A61M 5/34 (2006.01)
A61M 39/10 (2006.01)
 (87) WO2018/136361
 (31) 62/447,038 (32) 17.01.17 (33) US
 (43) 26.07.2018
 (44) 20.07.2023
 (72) Sanders, Laurie
 (74) FB Rice Pty Ltd
-
- (71) BELX BIO-PHARMACEUTICAL (TAIWAN) CORPORATION
 (11) AU-B-2022202161
 (21) 2022202161 (22) 30.03.2022
 (54) Polymeric proanthocyanidin composition and application thereof
 (51) Int. Cl.
A61K 31/353 (2006.01)
A61K 36/185 (2006.01)
A61K 45/06 (2006.01)
A61P 21/00 (2006.01)
A61P 39/06 (2006.01)
 (31) PCT/ (32) 31.03.21 (33) CN
 CN2021/084584
 (43) 20.10.2022
 (44) 20.07.2023
 (72) CHANG, Shau-Feng; CHUNG, I-Hsin
 (74) James & Wells Intellectual Property
-
- (71) BioNTech SE
 (11) AU-B-2017251983

- (21) 2017251983 (22) 19.04.2017
 (54) Methods for providing single-stranded RNA
 (51) Int. Cl.
C12N 15/10 (2006.01)
 (87) WO2017/182524
 (31) PCT/ (32) 22.04.16 (33) EP
 EP2016/059056
 (43) 26.10.2017
 (44) 20.07.2023
 (72) Baiersdörfer, Markus; Karikó, Katalin
 (74) FB Rice Pty Ltd
-
- (71) BioNTech SE
 (11) AU-B-2019282316
 (21) 2019282316 (22) 06.06.2019
 (54) Compositions and methods for diagnosis and treatment of cancer
 (51) Int. Cl.
C07K 14/78 (2006.01)
A61K 38/00 (2006.01)
C12N 1/20 (2006.01)
C12N 15/12 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2019/234190
 (31) PCT/ (32) 08.06.18 (33) EP
 EP2018/065205
 (43) 12.12.2019
 (44) 20.07.2023
 (72) SAHIN, Ugur; LUI, Bonny Gaby; SALOMON, Nadja; WÜSTEHUBE-LAUSCH, Joycelyn; DANESCHDAR, Matin; SCHMOLDT, Hans-Ulrich; FIEDLER, Markus
 (74) Phillips Ormonde Fitzpatrick
-
- (71) Bissell Inc.
 (11) AU-B-2019207468
 (21) 2019207468 (22) 07.01.2019
 (54) Brushroll for vacuum cleaner
 (51) Int. Cl.
A47L 9/04 (2006.01)
A46B 13/00 (2006.01)
A47L 5/30 (2006.01)
 (87) WO2019/139846
 (31) 15/866,978 (32) 10.01.18 (33) US
 (43) 18.07.2019
 (44) 20.07.2023
 (72) KASPER, Gary A.; VANTONGEREN, Todd Richard; MOHAN, Jake Andrew; SCHOLTEN, Jeffrey A.
 (74) Griffith Hack
-
- (71) Bluebeam, Inc.
 (11) AU-B-2022204624
 (21) 2022204624 (22) 29.06.2022
 (54) Method of visually interacting with a document by dynamically displaying a fill area in a boundary
 (51) Int. Cl.
G06F 17/00 (2019.01)
 (43) 21.07.2022
 (44) 20.07.2023
 (62) 2018205358
 (72) Wezorek, Joseph W.
 (74) Davies Collison Cave Pty Ltd

- BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM see CASE WESTERN RESERVE UNIVERSITY**
 (21) 2021204985
-
- (71) Boston Scientific Scimed, Inc.
 (11) AU-B-2020322059
 (21) 2020322059 (22) 30.07.2020
 (54) Penile implant outer support structure within neophallus for neophallus surgery
 (51) Int. Cl.
A61F 2/26 (2006.01)
A61L 27/36 (2006.01)
A61L 27/56 (2006.01)
A61F 2/00 (2006.01)
A61F 2/04 (2013.01)
 (87) WO2021/022302
 (31) 62/881,060 (32) 31.07.19 (33) US
 16/947,353 29.07.20 US
 (43) 04.02.2021
 (44) 20.07.2023
 (72) FELTON, Jessica Elizabeth; ROWLAND, Randall Paul; GINDELE, Paul John; JOHNSON, Aaron Roydon; BROOKS, Abigail Rae; DALBEC, Nickolas; WASSCHER, Bernard Andre
 (74) Spruson & Ferguson
-
- (71) BRISTOL-MYERS SQUIBB COMPANY
 (11) AU-B-2021261839
 (21) 2021261839 (22) 01.11.2021
 (54) PROCESS FOR THE PREPARATION OF 6-(CYCLOPROPANEAMIDO)-4-((2-METHOXY-3-(1-METHYL-1H-1,2,4-TRIAZOL-3-YL)PHENYL)AMINO)-N-(METHYL-D3)PYRIDAZINE-3-CARBOXAMIDE
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/501 (2006.01)
A61P 29/00 (2006.01)
 (43) 02.12.2021
 (44) 20.07.2023
 (62) 2018244916
 (72) Chen, Ke; Deerberg, Joerg; Lin, Dong; Dummeldinger, Michael; Inankur, Bahar; Kolotuchin, Sergei V.; Li, Jun; Rogers, Amanda J.; Rosso, Victor W.; Simmons, Eric M.; Soumeillant, Maxime C.D.; Treitler, Daniel S.; Wang, Jianji; Zheng, Bin; Smith, Michael J.; Strotman, Neil A.; Tymonko, Steven; Benkovics, Tamas
 (74) AJ PARK
-
- (71) Broadenbio Co., Ltd.
 (11) AU-B-2020375960
 (21) 2020375960 (22) 21.10.2020
 (54) Bridged cycloformylpyridine derivatives and uses thereof
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/506 (2006.01)
A61K 31/5377 (2006.01)

Applications Accepted - Name Index cont'd

A61K 31/5383 (2006.01)
A61K 31/675 (2006.01)
A61P 35/00 (2006.01)
C07D 498/04 (2006.01)
C07D 519/00 (2006.01)
(87) WO2021/083011
(31) 201911061801.8 **(32)** 01.11.19 **(33)** CN
(43) 06.05.2021
(44) 20.07.2023
(72) WANG, Qi; DUAN, Gongping; HUA, Wei; ZHANG, Xingmin
(74) FPA Patent Attorneys Pty Ltd

Buck Institute for Research on Aging see Unity Biotechnology, Inc.

(21) 2018314280

(71) C4X Discovery Limited
(11) AU-B-2019364717
(21) 2019364717 **(22)** 22.10.2019
(54) Therapeutic compounds
(51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/4725 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
(87) WO2020/084300
(31) 1817193.4 **(32)** 22.10.18 **(33)** GB
 1907674.4 30.05.19 GB
(43) 30.04.2020
(44) 20.07.2023

(72) BLANEY, Emma Louise; CRICK, Duncan James; CRUMPLER, Simon Ross; HYND, George; LUCAS, Cathy Louise; MARTIN, Barrie Phillip; RAY, Nick Charles; SEWARD, Eileen Mary; EVANS, David Gareth; LE BOZEC, Lucille; NOWAK, Thorsten; RUSSELL, Michael Geoffrey Neil; YEAP, Siew Kuen; ROUSSEL, Fabien Jean Ghislain; SEHMI, Sanjeet Singh
(74) FPA Patent Attorneys Pty Ltd

(71) Canaan Creative Co., Ltd.
(11) AU-B-2021273879
(21) 2021273879 **(22)** 21.05.2021
(54) Computing device
(51) Int. Cl.
G06F 1/18 (2006.01)
(87) WO2021/233410
(31) 202020887315.3 **(32)** 22.05.20 **(33)** CN
 202020886918.1 22.05.20 CN
(43) 25.11.2021
(44) 20.07.2023
(72) ZHANG, Shaohua; ZHANG, Nangeng
(74) Spruson & Ferguson

Capral Limited see OZKOR Pty. Ltd.

(21) 2017219010

(71) Caroma Industries Limited
(11) AU-B-2018317485
(21) 2018317485 **(22)** 15.08.2018
(54) Passive care control method and associated systems

(51) Int. Cl.
G08B 21/04 (2006.01)
G06Q 50/06 (2012.01)
G08B 3/10 (2006.01)
(87) WO2019/033144
(31) 2017903297 **(32)** 16.08.17 **(33)** AU
(43) 21.02.2019
(44) 20.07.2023
(72) CUMMINGS, Stephen John
(74) Spruson & Ferguson

(71) CASE WESTERN RESERVE UNIVERSITY; BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM; UNIVERSITY OF KENTUCKY
(11) AU-B-2021204985
(21) 2021204985 **(22)** 12.07.2021
(54) COMPOSITIONS AND METHODS OF MODULATING 15-PGDH ACTIVITY
(51) Int. Cl.
C07D 495/04 (2006.01)
A61K 31/4365 (2006.01)
A61K 31/4462 (2006.01)
A61P 17/02 (2006.01)
A61P 29/00 (2006.01)
(43) 05.08.2021
(44) 20.07.2023
(62) 2019250163
(72) MARKOWITZ, Sanford; WILLSON, James K.V.; POSNER, Bruce A.; READY, Joseph; ZHANG, Yongyou; TAI, Hsin-Hsiung; MOSS, Melissa; ANTCZAK, Monika; GERSON, Stanton; BAE, KiBeom; YANG, Sung Yeun; DESAI, Amar
(74) Oxygene IP

(71) Caterpillar Inc.
(11) AU-B-2022203548
(21) 2022203548 **(22)** 25.05.2022
(54) Corrosion preventative film
(51) Int. Cl.
C23F 11/02 (2006.01)
C09D 5/08 (2006.01)
C09D 5/20 (2006.01)
(43) 16.06.2022
(44) 20.07.2023
(62) 2016362218
(72) Spangler, John M.; Skinner, Brent; Marcu, Anca; Zoghbi, Salwa Batour
(74) FPA Patent Attorneys Pty Ltd

(71) CCB SUBSEA AS
(11) AU-B-2022205410
(21) 2022205410 **(22)** 05.01.2022
(54) KIT AND METHOD FOR MODIFICATION OF A HORIZONTAL VALVE TREE
(51) Int. Cl.
E21B 33/043 (2006.01)
E21B 33/035 (2006.01)
(87) WO2022/149983
(31) 20210027 **(32)** 10.01.21 **(33)** NO
(43) 14.07.2022
(44) 20.07.2023
(72) HANSEN, Fredrik Normann
(74) Michael Buck IP

(71) Centre National de la Recherche Scientifique - CNRS -; Commissariat à l'Énergie Atomique et aux Énergies Alternatives - CEA -
(11) AU-B-2016376356
(21) 2016376356 **(22)** 15.12.2016
(54) Device for detecting neurotoxins and process for manufacture thereof
(51) Int. Cl.
G01N 33/558 (2006.01)
G01N 33/58 (2006.01)
G01N 33/68 (2006.01)
(87) WO2017/108582
(31) PCT/ EP2015/081060 **(32)** 22.12.15 **(33)** EP
(43) 29.06.2017
(44) 20.07.2023
(72) Araoz, Romulo; Molgo, Jordi; Servent, Denis; Mourier, Gilles; Kessler, Pascal
(74) Davies Collison Cave Pty Ltd

(71) Centripetal Limited
(11) AU-B-2018307756
(21) 2018307756 **(22)** 24.07.2018
(54) Efficient SSL/TLS proxy
(51) Int. Cl.
H04L 45/00 (2022.01)
(87) WO2019/023160
(31) 62/536,254 **(32)** 24.07.17 **(33)** US
 16/039,896 19.07.18 US
(43) 31.01.2019
(44) 20.07.2023
(72) MOORE, Sean
(74) MINTER ELLISON

(71) Cepheid
(11) AU-B-2017277304
(21) 2017277304 **(22)** 06.06.2017
(54) Thermostable polymerase inhibitor compositions and methods
(51) Int. Cl.
C12N 15/115 (2010.01)
C12Q 1/68 (2006.01)
(87) WO2017/214202
(31) 62/347,004 **(32)** 07.06.16 **(33)** US
(43) 14.12.2017
(44) 20.07.2023
(72) Lokhov, Sergey G.; Gall, Alexander A.; Baraznenok, Vera; Viazovkina, Ekaterina V.; Shishkina, Irina; Persing, David H.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CFOAM LLC
(11) AU-B-2021271835
(21) 2021271835 **(22)** 12.05.2021
(54) Vitreous carbon aggregate for lightweight concrete
(51) Int. Cl.
C04B 7/02 (2006.01)
B28B 1/14 (2006.01)
C04B 7/14 (2006.01)
C04B 7/26 (2006.01)
(87) WO2021/231515
(31) 63/025,235 **(32)** 15.05.20 **(33)** US
(43) 18.11.2021

Applications Accepted - Name Index cont'd

(44) 20.07.2023
 (72) OLSON III, Rudolph Andrew
 (74) PIPERS

(71) Children's Medical Center Corporation
 (11) AU-B-2017326347
 (21) 2017326347 (22) 14.09.2017
 (54) Compositions with permeation enhancers for drug delivery
 (51) Int. Cl.
A61K 9/08 (2006.01)
A61K 47/10 (2006.01)
A61K 47/30 (2006.01)
 (87) WO2018/053140
 (31) 62/394,716 (32) 14.09.16 (33) US
 (43) 22.03.2018
 (44) 20.07.2023
 (72) Kohane, Daniel S.; Yang, Rong
 (74) Pizzey Patent and Trade Mark Attorneys Pty Ltd

(71) China Bambino Prezioso Co., Ltd.
 (11) AU-B-2021204285
 (21) 2021204285 (22) 24.06.2021
 (54) Top cover, base for child safety seat and child safety seat
 (51) Int. Cl.
B60N 2/26 (2006.01)
 (31) 202021229657.2 (32) 29.06.20 (33) CN
 (43) 20.01.2022
 (44) 20.07.2023
 (72) ZENG, Xiangyong
 (74) Allens Patent & Trade Mark Attorneys

(71) Chinthala, V.R.
 (11) AU-B-2020323981
 (21) 2020323981 (22) 01.08.2020
 (54) Composition to enhance nutrient content in plants
 (51) Int. Cl.
A01N 65/08 (2009.01)
A01N 65/10 (2009.01)
A01N 65/44 (2009.01)
A01P 21/00 (2006.01)
C05G 1/00 (2006.01)
 (87) WO2021/024143
 (31) 201941031393 (32) 02.08.19 (33) IN
 (43) 11.02.2021
 (44) 20.07.2023
 (72) CHINTHALA, Venkat Reddy
 (74) ADASTRA IP PTY LTD

(71) CJ Cheiljedang Corporation
 (11) AU-B-2020362582
 (21) 2020362582 (22) 21.09.2020
 (54) Method for preparing disodium 5'-guanylate heptahydrate crystal
 (51) Int. Cl.
C07H 19/20 (2006.01)
C07H 1/00 (2006.01)
 (87) WO2021/071130
 (31) 10-2019-0124774 (32) 08.10.19 (33) KR
 (43) 15.04.2021
 (44) 20.07.2023
 (72) CHOI, Jung Hwa; KIM, Min Jong; OH, Chang Yub; LIM, Hwa Yeon; KANG,

Seok Hyun; KIM, Yu Shin; KANG, Ji Hun; KIM, Il Chul; YU, Jae Hun
 (74) FB Rice Pty Ltd

(71) Colgate-Palmolive Company
 (11) AU-B-2020301331
 (21) 2020301331 (22) 03.06.2020
 (54) Systems and methods for producing a product
 (51) Int. Cl.
G16C 20/30 (2019.01)
G06N 20/00 (2019.01)
G16C 20/70 (2019.01)
 (87) WO2020/264547
 (31) 16/452,214 (32) 25.06.19 (33) US
 (43) 30.12.2020
 (44) 20.07.2023
 (72) PAPPAS, Iraklis; LUCZYNSKI, Bartosz; WU, Donghui; KIM, Dong Hyun
 (74) Spruson & Ferguson

(71) Colgate-Palmolive Company
 (11) AU-B-2020364266
 (21) 2020364266 (22) 06.10.2020
 (54) Oral care compositions and methods of use
 (51) Int. Cl.
A61K 8/19 (2006.01)
A61K 8/27 (2006.01)
A61K 8/49 (2006.01)
A61Q 11/00 (2006.01)
 (87) WO2021/072422
 (31) 62/911,643 (32) 07.10.19 (33) US
 (43) 15.04.2021
 (44) 20.07.2023
 (72) ARORA, Payal; POTNIS, Shashank; MARTINETTI, Melissa; HASKEL, Ariel; XU, Yun; SURIANO, David
 (74) Spruson & Ferguson

Commissariat à l'Énergie Atomique et aux Énergies Alternatives - CEA - see Centre National de la Recherche Scientifique - CNRS -
 (21) 2016376356

(71) CommScope Technologies LLC
 (11) AU-B-2019247776
 (21) 2019247776 (22) 04.04.2019
 (54) Ganged coaxial connector assembly
 (51) Int. Cl.
H01R 24/38 (2011.01)
H01R 9/05 (2006.01)
H01R 13/639 (2006.01)
H01R 13/646 (2011.01)
 (87) WO2019/195504
 (31) 62/804,260 (32) 12.02.19 (33) US
 62/652,526 04.04.18 US
 62/677,338 29.05.18 US
 62/693,576 03.07.18 US
 (43) 10.10.2019
 (44) 20.07.2023
 (72) PAYNTER, Jeffrey D.; FLEMING, James P.; KADAKIA, Bhavin; RABELLO, Jose
 (74) Spruson & Ferguson

(71) ConMed Corporation
 (11) AU-B-2021221473
 (21) 2021221473 (22) 24.08.2021
 (54) System and method for preparing a soft tissue graft
 (51) Int. Cl.
A61F 2/08 (2006.01)
 (43) 16.09.2021
 (44) 20.07.2023
 (62) 2018323950
 (72) KAM, Andrew; Lombardo, Giuseppe
 (74) Griffith Hack

(71) Consensus Orthopedics, Inc.
 (11) AU-B-2018216893
 (21) 2018216893 (22) 01.02.2018
 (54) System and methods for monitoring physical therapy and rehabilitation of joints
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/103 (2006.01)
A61B 5/107 (2006.01)
A61B 5/11 (2006.01)
 (87) WO2018/144712
 (31) 15/422,299 (32) 01.02.17 (33) US
 (43) 09.08.2018
 (44) 20.07.2023
 (72) Wiedenhoefer, Curt; Creel, Justin Anthony; Katerberg, Brian James; Howard, Joshua Dale
 (74) Spruson & Ferguson

(71) Cosmed Pharmaceutical Co., Ltd.
 (11) AU-B-2021249948
 (21) 2021249948 (22) 02.04.2021
 (54) Fast-dissolving microneedle
 (51) Int. Cl.
A61M 37/00 (2006.01)
 (87) WO2021/201266
 (31) 2020-067874 (32) 03.04.20 (33) JP
 (43) 07.10.2021
 (44) 20.07.2023
 (72) QUAN, Ying-shu; TANAKA, Hiroshi; KAMIYAMA, Fumio
 (74) Griffith Hack

(71) Credo Diagnostics Biomedical Pte. Ltd.
 (11) AU-B-2021286304
 (21) 2021286304 (22) 14.12.2021
 (54) ANALYSIS CARTRIDGE
 (51) Int. Cl.
B01L 3/00 (2006.01)
B01L 9/00 (2006.01)
 (31) 110120577 (32) 07.06.21 (33) TW
 (43) 22.12.2022
 (44) 20.07.2023
 (72) LAI, Ying-Ta; OU, Yu-Cheng; LIAO, Jim-Yi; HUANG, Shu-Hong; HUANG, Fan-Yun; TSAI, Ruei-Yi; HSIUNG, Li-Yu
 (74) LAMINAR IP PTY LTD

(71) Cue Biopharma, Inc.
 (11) AU-B-2018234628
 (21) 2018234628 (22) 14.03.2018
 (54) Methods for modulating an immune response

Applications Accepted - Name Index cont'd

(51) Int. Cl.
A61K 48/00 (2006.01)
C07K 14/74 (2006.01)
(87) WO2018/170168
(31) 62/521,009 (32) 16.06.17 (33) US
62/471,832 15.03.17 US
(43) 20.09.2018
(44) 20.07.2023
(72) Seidel III, Ronald D.; Chaparro, Rodolfo J.
(74) FB Rice Pty Ltd

(71) Deere & Company
(11) AU-B-2017265024
(21) 2017265024 (22) 21.11.2017
(54) Multi-row sugarcane harvester feed section
(51) Int. Cl.
A01D 45/10 (2006.01)
(31) 15/387,848 (32) 22.12.16 (33) US
(43) 12.07.2018
(44) 20.07.2023
(72) Almeida, Kent M.; Downey, Beau
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-B-2018201178
(21) 2018201178 (22) 19.02.2018
(54) Clamp coupler for work lines
(51) Int. Cl.
F16G 11/04 (2006.01)
F16B 2/06 (2006.01)
F16B 7/04 (2006.01)
(31) 15/460,896 (32) 16.03.17 (33) US
(43) 04.10.2018
(44) 20.07.2023
(72) Short, Daniel T.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-B-2021202611
(21) 2021202611 (22) 28.04.2021
(54) Agricultural vehicle pneumatic distribution system
(51) Int. Cl.
A01C 7/08 (2006.01)
(43) 27.05.2021
(44) 20.07.2023
(62) 2016219595
(72) Borkgren, Stanley R.
(74) Davies Collison Cave Pty Ltd

(71) De La Rue International Limited
(11) AU-B-2018351875
(21) 2018351875 (22) 11.10.2018
(54) Security devices, security articles, security documents and methods for their manufacture
(51) Int. Cl.
B42D 25/41 (2014.01)
B41M 5/26 (2006.01)
B42D 25/324 (2014.01)
B42D 25/328 (2014.01)
B42D 25/342 (2014.01)
B42D 25/351 (2014.01)
B42D 25/36 (2014.01)

B42D 25/435 (2014.01)
(87) WO2019/077317
(31) 1717189.3 (32) 19.10.17 (33) GB
(43) 25.04.2019
(44) 20.07.2023
(72) WHITEMAN, Robert; PARKER, Emily; COMMANDER, Lawrence; LOCKE, Rebecca
(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.
(11) AU-B-2021203005
(21) 2021203005 (22) 12.05.2021
(54) Systems and methods for patient monitoring using an HCP-specific device
(51) Int. Cl.
G06F 3/0484 (2013.01)
A61B 5/145 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/157 (2006.01)
(43) 10.06.2021
(44) 20.07.2023
(62) 2017388066
(72) BELLIVEAU, Scott M.; BHAVARAJU, Naresh C.; CHUM DEW, Darin Edward; COHEN, Eric; DAVIS, Anna Leigh; DERVAES, Mark; DUNN, Laura J.; GRUCELA, Minda McDorman; HAMPAPURAM, Hari; JOHNSON, Matthew Lawrence; KAMATH, Apurv Ullas; KING, Steven David; KOEHLER, Katherine Yerre; MANDAPAKA, Aditya Sagar; MCDANIEL, Zebediah L.; MIKAMI, Sumitaka; PAI, Subrai Girish; PELLOUCHOUD, Philip Mansiel; REICHERT, Stephen Alan; REIHMAN, Eli; SIMPSON, Peter C.; SMITH, Brian Christopher; VANSLYKE, Stephen J.; VAN TASSEL, Robert Patrick; WIGHTLIN, Matthew D.; YANG, Richard C.; AMIDEI, James Stephen; DERENZY, David; WEST, Benjamin Elrod; CRABTREE, Vincent; MOORE, Michael Levozier; BURNETTE, Douglas William; CONSTANTIN, Alexandra Elena; POLYTARIDIS, Nicholas; CAMBRA, Dana Charles; SHARMA, Abhishek; BRAUN, Kho; MCBRIDE, Patrick Wile
(74) FB Rice Pty Ltd

(71) DiagDev
(11) AU-B-2018346569
(21) 2018346569 (22) 08.10.2018
(54) Device and method of staining an organic material on a slide
(51) Int. Cl.
G01N 1/28 (2006.01)
G01N 1/31 (2006.01)
(87) WO2019/069038
(31) 1759397 (32) 06.10.17 (33) FR
(43) 11.04.2019
(44) 20.07.2023
(72) LE COMTE, Roger; MORENO, Paul
(74) Michael Buck IP

(71) DIVERSITECH CORPORATION
(11) AU-B-2021202606
(21) 2021202606 (22) 27.04.2021

(54) Apparatus and method for collection disposal of cleaning waste-water and debris from air conditioners
(51) Int. Cl.
B08B 17/02 (2006.01)
F24F 1/0007 (2019.01)
F24F 8/90 (2021.01)
F28G 9/00 (2006.01)
F28G 15/00 (2006.01)
(43) 27.05.2021
(44) 20.07.2023
(62) 2016252122
(72) Hardy, Michael; Cackowski, Scott C.; Kane, Timothy
(74) Dentons Patent Attorneys Australasia Limited

(71) DNA Global Industries Pty Ltd
(11) AU-B-2019315328
(21) 2019315328 (22) 30.07.2019
(54) Ride on toy
(51) Int. Cl.
A63H 17/00 (2006.01)
A47L 11/24 (2006.01)
B62B 7/14 (2006.01)
(87) WO2020/024007
(31) 2018902804 (32) 01.08.18 (33) AU
2019900625 27.02.19 AU
(43) 06.02.2020
(44) 20.07.2023
(72) REITANO, Antonio Angelo; KHOURY, Edward Joseph
(74) Armour IP Pty Ltd

(71) Dometic Sweden AB
(11) AU-B-2017365438
(21) 2017365438 (22) 22.11.2017
(54) Cooler
(51) Int. Cl.
A45C 11/20 (2006.01)
A45F 3/46 (2006.01)
F25D 3/08 (2006.01)
F25D 3/10 (2006.01)
F25D 23/02 (2006.01)
F25D 25/02 (2006.01)
(87) WO2018/095957
(31) 62/425,288 (32) 22.11.16 (33) US
(43) 31.05.2018
(44) 20.07.2023
(72) Ahlström, Joakim; Meda, Samuele
(74) Spruson & Ferguson

(71) Dormakaba USA Inc.
(11) AU-B-2020253566
(21) 2020253566 (22) 04.04.2020
(54) Electronic lock
(51) Int. Cl.
E05B 47/06 (2006.01)
E05B 9/04 (2006.01)
E05B 9/08 (2006.01)
E05B 47/02 (2006.01)
E05B 49/02 (2006.01)
E05B 55/12 (2006.01)
E05B 63/00 (2006.01)
(87) WO2020/206388
(31) 62/829,778 (32) 05.04.19 (33) US
62/872,121 09.07.19 US
(43) 08.10.2020

Applications Accepted - Name Index cont'd

- (44) 20.07.2023
 (72) BARNETT III, Street Anthony; ALLEN, Brendon; SNODGRASS, John Andrew; STRULLMYER, Shaine
 (74) Griffith Hack
-
- (71) DSM IP Assets B.V.
 (11) AU-B-2018226085
 (21) 2018226085 (22) 09.02.2018
 (54) Use of a feed composition for reducing methane emission in ruminants, and/or to improve ruminant performance
 (51) Int. Cl.
A23K 20/158 (2016.01)
A23K 20/10 (2016.01)
A23K 50/10 (2016.01)
A61K 31/00 (2006.01)
 (87) WO2018/153702
 (31) 62/461,485 (32) 21.02.17 (33) US
 00233/17 28.02.17 CH
 (43) 30.08.2018
 (44) 20.07.2023
 (72) Duval, Stephane; Kindermann, Maik
 (74) Phillips Ormonde Fitzpatrick
-
- (71) EcoFuel Technologies Ltd
 (11) AU-B-2018211427
 (21) 2018211427 (22) 25.01.2018
 (54) Reaction pump, system and method for thermal conversion of hydrocarbons
 (51) Int. Cl.
B01J 19/00 (2006.01)
B01J 19/18 (2006.01)
C10G 15/08 (2006.01)
F04C 19/00 (2006.01)
 (87) WO2018/138194
 (31) 1701316.0 (32) 26.01.17 (33) GB
 (43) 02.08.2018
 (44) 20.07.2023
 (72) Guenther, Thomas Andreas
 (74) Griffith Hack
-
- (71) Efebi S.P.A.
 (11) AU-B-2018343320
 (21) 2018343320 (22) 28.09.2018
 (54) Component for a fluidic circuit and valve comprising said component
 (51) Int. Cl.
G09F 3/00 (2006.01)
F16L 9/00 (2006.01)
G09F 3/02 (2006.01)
G09F 3/20 (2006.01)
 (87) WO2019/064262
 (31) 202017000108877 (32) 28.09.17 (33) IT
 (43) 04.04.2019
 (44) 20.07.2023
 (72) TANGHETTI, Ermanno
 (74) Phillips Ormonde Fitzpatrick
-
- (71) Eli Lilly and Company
 (11) AU-B-2020304356
 (21) 2020304356 (22) 19.06.2020
 (54) Systems and methods for detecting missed bolus doses
 (51) Int. Cl.
G16H 20/10 (2018.01)
 (87) WO2020/263706

- (31) 62/867,284 (32) 27.06.19 (33) US
 (43) 30.12.2020
 (44) 20.07.2023
 (72) JOHNSON, Jennal Lynn; KATZ, Michelle Lynne; WOLPERT, Howard Allan
 (74) WRAYS PTY LTD
-
- Elmqvist, C.E. see Le Dévédec, F.
 (21) 2021202965
-
- (71) Enphase Energy, Inc.
 (11) AU-B-2021210923
 (21) 2021210923 (22) 21.01.2021
 (54) Method and apparatus for synchronizing start-up of grid-forming inverters
 (51) Int. Cl.
H02J 3/14 (2006.01)
G05B 15/02 (2006.01)
H02J 3/38 (2006.01)
 (87) WO2021/150725
 (31) 62/963,669 (32) 21.01.20 (33) US
 (43) 29.07.2021
 (44) 20.07.2023
 (72) MOORE, Jeremy Omar; ZIMMANCK, Donald Richard
 (74) Spruson & Ferguson
-
- (71) EOS Energy Technology Holdings, LLC
 (11) AU-B-2018375287
 (21) 2018375287 (22) 27.11.2018
 (54) Bipolar electrode comprising a loaded carbon felt
 (51) Int. Cl.
H01M 4/86 (2006.01)
H01M 4/88 (2006.01)
H01M 4/96 (2006.01)
H01M 10/36 (2010.01)
H01M 12/08 (2006.01)
H01M 8/18 (2006.01)
 (87) WO2019/108513
 (31) 62/593,332 (32) 01.12.17 (33) US
 (43) 06.06.2019
 (44) 20.07.2023
 (72) RICHEY, Francis W.
 (74) FB Rice Pty Ltd
-
- (71) Evrys Bio, LLC
 (11) AU-B-2022256094
 (21) 2022256094 (22) 18.10.2022
 (54) Broad spectrum antiviral compositions and methods
 (51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4709 (2006.01)
A61P 31/12 (2006.01)
 (43) 17.11.2022
 (44) 20.07.2023
 (62) 2018350999
 (72) Remiszewski, Stacy; Chiang, Lillian W.; Murphy, Eain Anthony; Kayser, Frank; Sun, Qun; Fink, Sarah Jocelyn
 (74) FPA Patent Attorneys Pty Ltd

- (71) Expro North Sea Limited
 (11) AU-B-2018208822
 (21) 2018208822 (22) 18.01.2018
 (54) Perforating gun for oil and gas wells
 (51) Int. Cl.
E21B 43/1185 (2006.01)
 (87) WO2018/134599
 (31) 15/411,230 (32) 20.01.17 (33) US
 (43) 26.07.2018
 (44) 20.07.2023
 (72) Daly, Kerry G.; Fordyce, Ronald S.
 (74) Spruson & Ferguson
-
- (71) Fastbrick IP Pty Ltd
 (11) AU-B-2018303330
 (21) 2018303330 (22) 16.07.2018
 (54) Dynamic path for end effector control
 (51) Int. Cl.
G05B 19/19 (2006.01)
B25J 5/00 (2006.01)
B25J 9/16 (2006.01)
E04G 21/22 (2006.01)
 (87) WO2019/014702
 (31) PCT/AU2017/050739 (32) 17.07.17 (33) AU
 (43) 24.01.2019
 (44) 20.07.2023
 (72) PIVAC, Mark Joseph; ROBERTSON, James Gary
 (74) Davies Collision Cave Pty Ltd
-
- (71) Formulated Solutions, LLC
 (11) AU-B-2019333309
 (21) 2019333309 (22) 30.08.2019
 (54) Cryogenic, kinetically active formulations and systems for their dispensing
 (51) Int. Cl.
C09K 3/30 (2006.01)
C09K 5/04 (2006.01)
F25B 45/00 (2006.01)
 (87) WO2020/047423
 (31) 62/725,696 (32) 31.08.18 (33) US
 62/875,564 18.07.19 US
 (43) 05.03.2020
 (44) 20.07.2023
 (72) CARPENTER, Michael; DANN, Eric; DANN, Thomas; NELSON, Renee
 (74) Spruson & Ferguson
-
- (71) Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.; Herrenknecht AG
 (11) AU-B-2020246953
 (21) 2020246953 (22) 20.03.2020
 (54) Data communication in the microwave range using electrically conductive elements in a construction machine
 (51) Int. Cl.
E21B 17/02 (2006.01)
E21B 17/00 (2006.01)
E21B 47/12 (2012.01)
 (87) WO2020/193416
 (31) 19164653.8 (32) 22.03.19 (33) EP
 (43) 01.10.2020
 (44) 20.07.2023
 (72) KEUSGEN, Wilhelm; SCHMIEDER, Mathis; WEBER, Felix; FREY, Alexander; SENG, Frederic
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

(71) Fresenius Vial SAS
 (11) AU-B-2018217684
 (21) 2018217684 (22) 22.01.2018
 (54) System and method for communicating information between a multiplicity of medical pump devices and at least one communication device
 (51) Int. Cl.
G16C 10/00 (2019.01)
G16H 20/17 (2018.01)
G16H 40/67 (2018.01)
A61M 5/14 (2006.01)
 (87) WO2018/145880
 (31) 17305146.7 (32) 08.02.17 (33) EP
 (43) 16.08.2018
 (44) 20.07.2023
 (72) Mermet, Emeric
 (74) Spruson & Ferguson

(71) Geosyntec Consultants, Inc.
 (11) AU-B-2019261433
 (21) 2019261433 (22) 25.04.2019
 (54) Method for the destruction of organic contaminants through smoldering combustion
 (51) Int. Cl.
B09C 1/06 (2006.01)
F23C 99/00 (2006.01)
F23G 7/14 (2006.01)
 (87) WO2019/210037
 (31) 62/663,355 (32) 27.04.18 (33) US
 (43) 31.10.2019
 (44) 20.07.2023
 (72) MAJOR, David; GRANT, Gavin; SCHOLES, Grant; GERHARD, Jason
 (74) Griffith Hack

(71) Giner Life Sciences, Inc.
 (11) AU-B-2017362331
 (21) 2017362331 (22) 15.11.2017
 (54) Self-regulating electrolytic gas generator and implant system comprising the same
 (51) Int. Cl.
A61M 5/168 (2006.01)
A61M 13/00 (2006.01)
C25B 1/46 (2006.01)
C25B 9/65 (2021.01)
C25B 15/02 (2006.01)
G05D 16/06 (2006.01)
 (87) WO2018/093940
 (31) 62/422,420 (32) 15.11.16 (33) US
 (43) 24.05.2018
 (44) 20.07.2023
 (72) Stone, Simon G.; Tempelman, Linda A.; Schwenk, Melissa
 (74) Phillips Ormonde Fitzpatrick

(71) GN Hearing A/S
 (11) AU-B-2019204126
 (21) 2019204126 (22) 13.06.2019
 (54) Communication device with spatial source separation, communication system, and related method
 (51) Int. Cl.
H04R 3/02 (2006.01)

H04R 3/00 (2006.01)
 (31) 18178280.6 (32) 18.06.18 (33) EP
 (43) 16.01.2020
 (44) 20.07.2023
 (72) PEDERSEN, Søren Christian V.; RAFT, Casper Silbo
 (74) FB Rice Pty Ltd

(71) GRANULAR THERAPEUTICS LIMITED
 (11) AU-B-2019219312
 (21) 2019219312 (22) 11.02.2019
 (54) C-kit antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/19 (2006.01)
 (87) WO2019/155067
 (31) 1806468.3 (32) 20.04.18 (33) GB
 1802201.2 09.02.18 GB
 (43) 15.08.2019
 (44) 20.07.2023
 (72) FINLAY, William James Jonathan
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Gregg Drilling, LLC
 (11) AU-B-2021308639
 (21) 2021308639 (22) 15.07.2021
 (54) Geotechnical rig systems and methods
 (51) Int. Cl.
E21B 7/00 (2006.01)
E21B 7/02 (2006.01)
E21B 19/00 (2006.01)
E21B 19/20 (2006.01)
E21B 44/00 (2006.01)
 (87) WO2022/016016
 (31) 63/052,898 (32) 16.07.20 (33) US
 (43) 20.01.2022
 (44) 20.07.2023
 (72) GREGG, John; SCHUBERT, Matthew; SCHUBERT, Phillip
 (74) Spruson & Ferguson

Haier Smart Home Co., Ltd. see Qingdao Haier Refrigerator Co., Ltd
 (21) 2020338796

(71) Halliburton Energy Services, Inc.
 (11) AU-B-2017443717
 (21) 2017443717 (22) 21.12.2017
 (54) Application of electrochemical impedance spectroscopy for analyzing sag of drilling fluids
 (51) Int. Cl.
E21B 21/08 (2006.01)
G01N 27/02 (2006.01)
 (87) WO2019/125472
 (43) 27.06.2019
 (44) 20.07.2023
 (72) YE, Xiangnan; JAMISON, Dale E.; GAO, Li
 (74) Spruson & Ferguson

HARB, F.S. see Revelation Health LLC
 (21) 2019252817

(71) HealthUp Sp. z o.o.
 (11) AU-B-2017347595
 (21) 2017347595 (22) 19.10.2017
 (54) Portable spirometer
 (51) Int. Cl.
A61B 5/0205 (2006.01)
A61B 5/087 (2006.01)
G01F 1/44 (2006.01)
G01F 1/68 (2006.01)
 (87) WO2018/073343
 (31) P.419194 (32) 20.10.16 (33) PL
 16197970.3 09.11.16 EP
 17461593.0 18.08.17 EP
 (43) 26.04.2018
 (44) 20.07.2023
 (72) Koltowski, Lukasz; Bajtala, Piotr
 (74) Davies Collison Cave Pty Ltd

(71) HEARTLAND AG TECH, INC.
 (11) AU-B-2021410745
 (21) 2021410745 (22) 22.12.2021
 (54) CONDITION BASED MONITORING OF IRRIGATION
 (51) Int. Cl.
A01G 25/09 (2006.01)
A01G 25/16 (2006.01)
 (87) WO2022/140569
 (31) 63/129,799 (32) 23.12.20 (33) US
 (43) 30.06.2022
 (44) 20.07.2023
 (72) SANDERS, Russell; PAVELSKI, Jeremie; BUCHBURGER, Robert
 (74) RnB IP Pty Ltd

Herrenknecht AG see Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.
 (21) 2020246953

(71) Hexion Inc.
 (11) AU-B-2020223364
 (21) 2020223364 (22) 14.02.2020
 (54) Chemical products for adhesive applications
 (51) Int. Cl.
C09K 8/70 (2006.01)
C09K 8/80 (2006.01)
E21B 43/267 (2006.01)
 (87) WO2020/168267
 (31) 62/808,611 (32) 21.02.19 (33) US
 16/791,539 14.02.20 US
 (43) 20.08.2020
 (44) 20.07.2023
 (72) ZHA, Charles; BEETGE, Jan
 (74) Griffith Hack

(71) Huawei Technologies Co., Ltd.
 (11) AU-B-2018440297
 (21) 2018440297 (22) 05.09.2018
 (54) Method and apparatus for coding image of video sequence, and terminal device
 (51) Int. Cl.
H04N 19/21 (2014.01)
 (87) WO2020/047788
 (43) 12.03.2020

Applications Accepted - Name Index cont'd

(44) 20.07.2023
 (72) SETHURAMAN, Sriram; A, Jeeva Raj;
 KOTTECHA, Sagar; MA, Xiang
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.
 (11) AU-B-2019364883
 (21) 2019364883 (22) 24.10.2019
 (54) A METHOD AND AN APPARATUS FOR DETERMINING MOTION INFORMATION FOR A CURRENT BLOCK, A METHOD AND AN APPARATUS FOR CONSTRUCTING AND UPDATING A HISTORY-BASED MOTION VECTOR PREDICTOR LIST, AND NON-TRANSITORY COMPUTER-READABLE STORAGE MEDIUM, AND VIDEO ENCODING/DECODING METHODS AND APPARATUS
 (51) Int. Cl.
H04N 19/513 (2014.01)
 (87) WO2020/085954
 (31) 62/750,250 (32) 24.10.18 (33) US
 62/909,761 02.10.19
 (43) 30.04.2020
 (44) 20.07.2023
 (72) SOLOVYEV, Timofey Mikhailovich;
 CHERNYAK, Roman Igorevich; KAR-
 ABUTOV, Alexander Alexandrovich;
 CHEN, Jianle; IKONIN, Sergey Yur-
 ievich; ALSHINA, Elena Alexandrovna
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.
 (11) AU-B-2020276522
 (21) 2020276522 (22) 12.05.2020
 (54) Electronic device
 (51) Int. Cl.
H01Q 1/22 (2006.01)
H01Q 1/44 (2006.01)
H01Q 1/48 (2006.01)
 (87) WO2020/228703
 (31) 201910393785.6 (32) 13.05.19 (33) CN
 201910435969.4 23.05.19 CN
 (43) 19.11.2020
 (44) 20.07.2023
 (72) WU, Pengfei; WANG, Hanyang; LEE,
 Chien-Ming; YU, Dong
 (74) Phillips Ormonde Fitzpatrick

(71) Huawei Technologies Co., Ltd.
 (11) AU-B-2020327508
 (21) 2020327508 (22) 13.08.2020
 (54) METHOD AND APPARATUS FOR TRANSMITTING TIMING DIFFERENCE
 (51) Int. Cl.
H04W 24/10 (2009.01)
 (87) WO2021/027876
 (31) 201910750482.5 (32) 14.08.19 (33) CN
 (43) 18.02.2021
 (44) 20.07.2023
 (72) ZHENG, Lili; ZHANG, Hongping;
 ZENG, Qinghai; HU, Xingxing
 (74) Phillips Ormonde Fitzpatrick

(71) I.C. Medical, Inc.
 (11) AU-B-2018230985
 (21) 2018230985 (22) 05.03.2018
 (54) Monopolar electrosurgery pencil with argon beam capability
 (51) Int. Cl.
A61B 18/12 (2006.01)
 (87) WO2018/165042
 (31) 15/450,011 (32) 05.03.17 (33) US
 (43) 13.09.2018
 (44) 20.07.2023
 (72) Cosmescu, Ioan
 (74) FB Rice Pty Ltd

(71) IDEXX Laboratories, Inc.
 (11) AU-B-2019355429
 (21) 2019355429 (22) 02.10.2019
 (54) Methods, devices, kits and compositions for detecting tapeworm
 (51) Int. Cl.
C12Q 1/70 (2006.01)
G01N 33/53 (2006.01)
 (87) WO2020/072662
 (31) 62/746,805 (32) 17.10.18 (33) US
 62/740,100 02.10.18 US
 62/741,849 05.10.18 US
 (43) 09.04.2020
 (44) 20.07.2023
 (72) GENG, Jinming; ELSEMORE, David Al-
 len
 (74) Spruson & Ferguson

(71) IHI Corporation
 (11) AU-B-2021243288
 (21) 2021243288 (22) 19.03.2021
 (54) Hydrocarbon generation system and hydrocarbon generation method
 (51) Int. Cl.
C07C 1/04 (2006.01)
B01D 53/62 (2006.01)
C07B 61/00 (2006.01)
C07C 1/12 (2006.01)
C07C 9/04 (2006.01)
C07C 11/04 (2006.01)
 (87) WO2021/193438
 (31) 2020-051245 (32) 23.03.20 (33) JP
 (43) 30.09.2021
 (44) 20.07.2023
 (72) KAMATA, Hiroyuki; CHOI, Wonyoung;
 SUDA, Toshiyuki; NARIAI, Kentaro
 (74) Spruson & Ferguson

(71) Ildong Pharmaceutical Co., Ltd.
 (11) AU-B-2019454505
 (21) 2019454505 (22) 23.07.2019
 (54) Novel probiotic composition for regulation of intestinal immunity
 (51) Int. Cl.
A61K 35/747 (2015.01)
A23L 33/135 (2016.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
 (87) WO2020/262755
 (31) 10-2019-0077422 (32) 27.06.19 (33) KR
 (43) 30.12.2020
 (44) 20.07.2023
 (72) MOON, Jin Seok; KIM, Tae-Yoon;
 KWON, Hyuk-Sang
 (74) Spruson & Ferguson

(71) Ilias Biologics Inc.
 (11) AU-B-2021250906
 (21) 2021250906 (22) 13.10.2021
 (54) Exosomes for target specific delivery and methods for preparing and delivering the same
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/00 (2006.01)
A61K 47/69 (2017.01)
 (43) 11.11.2021
 (44) 20.07.2023
 (62) 2018316803
 (72) Choi, Chulhee; YIM, Nambin; CHOI,
 Hojun; CHOI, Kyungsun; RYU, Seung-
 Wook
 (74) FB Rice Pty Ltd

(71) Illumina, Inc.; Illumina Cambridge Limited
 (11) AU-B-2021282469
 (21) 2021282469 (22) 08.12.2021
 (54) Deep learning-based variant classifier
 (51) Int. Cl.
G06N 3/04 (2006.01)
G16B 20/20 (2019.01)
G16B 40/00 (2019.01)
 (43) 06.01.2022
 (44) 20.07.2023
 (62) 2019206709
 (72) Schulz-Trieglaff, Ole Benjamin; Cox,
 Anthony James; Farh, Kai-How
 (74) Spruson & Ferguson

Illumina Cambridge Limited see Illumina, Inc.
 (21) 2021282469

IMDS LLC see Mayo Foundation for Medical Education and Research
 (21) 2022202746

(71) implantcast GmbH
 (11) AU-B-2020230273
 (21) 2020230273 (22) 09.09.2020
 (54) FEMORAL COMPONENT
 (51) Int. Cl.
A61F 2/38 (2006.01)
 (31) 19217195.7 (32) 17.12.19 (33) EP
 (43) 01.07.2021
 (44) 20.07.2023
 (72) Rolbiecki, Patryk; Sass, Jens
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Institute for Information Industry
 (11) AU-B-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)

Applications Accepted - Name Index cont'd

G01C 21/10 (2006.01)
G01C 21/18 (2006.01)
G05B 19/045 (2006.01)
(31) 110131932 **(32)** 27.08.21 **(33)** TW
(43) 16.03.2023
(44) 20.07.2023
(72) Chen, Chun; Shih, Chih-Hung; Chiang, Yu Hung
(74) Madderns Pty Ltd

(71) Institute of Zoology, Guangdong Academy of Sciences
(11) AU-B-2021245135
(21) 2021245135 **(22)** 06.10.2021
(54) TERMITE-CONTROLLING COMPOSITION CONTAINING ALPHA-TERPINEOL AND USE THEREOF
(51) Int. Cl.
A01N 63/12 (2020.01)
A01N 31/04 (2006.01)
A01P 7/04 (2006.01)
(31) 202110641623.7 **(32)** 09.06.21 **(33)** CN
(43) 05.01.2023
(44) 20.07.2023
(72) Li, Zhiqiang; Liu, Bingrong; Zeng, Wenhui; Zhang, Shijun; Chen, Yong; Chen, Tong
(74) Madderns Pty Ltd

(71) Integra LifeSciences Switzerland Sarl
(11) AU-B-2018241072
(21) 2018241072 **(22)** 03.10.2018
(54) An Electronic Toolset for Use With Multiple Generations of Implantable Programmable Valves With or Without Orientation Functionality Based on a Fixed Reference Magnet
(51) Int. Cl.
A61M 27/00 (2006.01)
(31) 15/708,600 **(32)** 19.09.17 **(33)** US
(43) 04.04.2019
(44) 20.07.2023
(72) Boden, Thomas; D'Aoust, Patricia; Arazawa, Alexander
(74) Spruson & Ferguson

(71) InterDigital VC Holdings, Inc.
(11) AU-B-2018346321
(21) 2018346321 **(22)** 04.10.2018
(54) Improved predictor candidates for motion compensation
(51) Int. Cl.
H04N 19/52 (2014.01)
H04N 19/147 (2014.01)
H04N 19/176 (2014.01)
H04N 19/567 (2014.01)
H04N 19/70 (2014.01)
(87) WO2019/070933
(31) 17306335.5 **(32)** 05.10.17 **(33)** EP
(43) 11.04.2019
(44) 20.07.2023
(72) ROBERT, Antoine; LELEANNEC, Fabrice; POIRIER, Tangi
(74) FB Rice Pty Ltd

(71) International Business Machines Corporation
(11) AU-B-2020262057
(21) 2020262057 **(22)** 27.03.2020
(54) Quantum code for reduced frequency collisions in qubit lattices
(51) Int. Cl.
G06N 10/00 (2019.01)
(87) WO2020/216578
(31) 62/838,148 **(32)** 24.04.19 **(33)** US
 16/542,094 15.08.19 US
(43) 29.10.2020
(44) 20.07.2023
(72) CROSS, Andrew; CHAMBERLAND, Christopher; GAMBETTA, Jay Michael; HERTZBERG, Jared; YODER, Theodore; ZHU, Guanyu
(74) Spruson & Ferguson

(71) International Business Machines Corporation
(11) AU-B-2021273796
(21) 2021273796 **(22)** 18.05.2021
(54) Dynamic automation of selection of pipeline artifacts
(51) Int. Cl.
G06F 9/445 (2018.01)
(87) WO2021/233281
(31) 16/877,599 **(32)** 19.05.20 **(33)** US
(43) 25.11.2021
(44) 20.07.2023
(72) HWANG, Jinho; BULUT, Muhammed Fatih; KANSO, Ali; NADGOWDA, Shripad
(74) Spruson & Ferguson

(71) Intra-Cellular Therapies, Inc.
(11) AU-B-2021286423
(21) 2021286423 **(22)** 17.12.2021
(54) NOVEL COMPOSITIONS AND METHODS
(51) Int. Cl.
C07D 471/16 (2006.01)
A61K 31/4985 (2006.01)
A61K 45/06 (2006.01)
(43) 20.01.2022
(44) 20.07.2023
(62) 2018240540
(72) Li, Peng; Yao, Wei; Davis, Robert
(74) Phillips Ormonde Fitzpatrick

(71) Intra-Cellular Therapies, Inc.
(11) AU-B-2021290277
(21) 2021290277 **(22)** 22.12.2021
(54) NOVEL METHODS
(51) Int. Cl.
C07D 241/36 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4985 (2006.01)
(43) 27.01.2022
(44) 20.07.2023
(62) 2020202386
(72) Vanover, Kimberly; Li, Peng; Mates, Sharon; Davis, Robert; Wennogle, Lawrence P.
(74) Phillips Ormonde Fitzpatrick

(71) Intuit Inc.
(11) AU-B-2021330302
(21) 2021330302 **(22)** 23.06.2021
(54) Card reader based payment transactions from a web browser
(51) Int. Cl.
G06Q 20/34 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
(87) WO2022/046265
(31) 17/003,435 **(32)** 26.08.20 **(33)** US
(43) 03.03.2022
(44) 20.07.2023
(72) VENU, Aravinth; GODAKANDA, Pilana Godakandage Hashan Dinushka
(74) Davies Collison Cave Pty Ltd

(71) Intuit Inc.
(11) AU-B-2021333271
(21) 2021333271 **(22)** 23.06.2021
(54) Card reader based payment transactions from a web browser
(51) Int. Cl.
G06Q 20/34 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
(87) WO2022/046267
(31) 17/003,526 **(32)** 26.08.20 **(33)** US
(43) 03.03.2022
(44) 20.07.2023
(72) VENU, Aravinth; GODAKANDA, Pilana Godakandage Hashan Dinushka
(74) Davies Collison Cave Pty Ltd

(71) Inventio AG
(11) AU-B-2019411076
(21) 2019411076 **(22)** 02.12.2019
(54) Detection of users of a passenger transport system
(51) Int. Cl.
B66B 25/00 (2006.01)
B66B 1/34 (2006.01)
(87) WO2020/126434
(31) 18215792.5 **(32)** 21.12.18 **(33)** EP
(43) 25.06.2020
(44) 20.07.2023
(72) ORTBAUER, Martin
(74) Griffith Hack

(71) Iterum Therapeutics International Limited
(11) AU-B-2019429755
(21) 2019429755 **(22)** 23.12.2019
(54) Combinations of beta-lactam compounds and probenecid and uses thereof
(51) Int. Cl.
A61K 9/24 (2006.01)
A61K 31/00 (2006.01)
A61K 31/195 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/04 (2006.01)
(87) WO2020/164788
(31) 62/804,973 **(32)** 13.02.19 **(33)** US
(43) 20.08.2020

Applications Accepted - Name Index cont'd

(44) 20.07.2023
 (72) DUNNE, Michael; LOUGHMAN, Tom;
 CAMERON, Aaron
 (74) RNB IP PTY LTD

(71) IVES, LLC
 (11) AU-B-2021364429
 (21) 2021364429 (22) 19.10.2021
 (54) INTRAVAGINAL ELECTRICAL STIMU-
 LATION DEVICE FOR TREATING FE-
 MALE PELVIC PAIN
 (51) Int. Cl.
 A61N 1/36 (2006.01)
 A61N 1/05 (2006.01)
 (87) WO2022/086893
 (31) 63/104,588 (32) 23.10.20 (33) US
 (43) 28.04.2022
 (44) 20.07.2023
 (72) YOUNG, Erik, B.
 (74) Spruson & Ferguson

(71) JANOME Corporation
 (11) AU-B-2022202440
 (21) 2022202440 (22) 13.04.2022
 (54) THREAD TAKE-UP LEVER SWITCH-
 ING MECHANISM AND SEWING MA-
 CHINE
 (51) Int. Cl.
 D05B 49/02 (2006.01)
 D05B 1/10 (2006.01)
 D05B 47/04 (2006.01)
 (31) JP2021-081899 (32) 13.05.21 (33) JP
 (43) 01.12.2022
 (44) 20.07.2023
 (72) AZUMA, Toyohiro; YOKOYAMA, Ushio
 (74) Collison & Co

(71) Janssen Vaccines & Prevention B.V.
 (11) AU-B-2020267278
 (21) 2020267278 (22) 13.11.2020
 (54) Trimer stabilizing HIV envelope protein
 mutations
 (51) Int. Cl.
 C07K 14/005 (2006.01)
 A61K 39/12 (2006.01)
 (43) 10.12.2020
 (44) 20.07.2023
 (62) 2017327672
 (72) Rutten, Lucy; Truan, Daphne;
 Strokappe, Nika Mindy; Langedijk, Jo-
 hannes Petrus Maria
 (74) Spruson & Ferguson

(71) JC Medical, Inc.
 (11) AU-B-2021245136
 (21) 2021245136 (22) 06.10.2021
 (54) Prosthetic heart valve delivery system
 (51) Int. Cl.
 A61F 2/24 (2006.01)
 (43) 04.11.2021
 (44) 20.07.2023
 (62) 2019205321
 (72) ZHANG, Ji; YANG, Cheng Yong;
 WALSH, Brandon G.
 (74) Davies Collison Cave Pty Ltd

JFE Steel Corporation see Nippon Steel
 Corporation
 (21) 2020393659

(71) JMackem Co., Ltd
 (11) AU-B-2021258843
 (21) 2021258843 (22) 10.03.2021
 (54) Benzimidazolone-based cinnamide
 derivative as TRPV1 antagonist and
 pharmaceutical composition for treat-
 ment or prevention of pain containing
 same as active ingredient
 (51) Int. Cl.
 C07D 401/14 (2006.01)
 A61K 31/4178 (2006.01)
 A61K 31/4184 (2006.01)
 A61K 31/427 (2006.01)
 A61K 31/4439 (2006.01)
 A61K 31/444 (2006.01)
 A61K 31/5377 (2006.01)
 A61P 29/00 (2006.01)
 C07D 401/12 (2006.01)
 C07D 413/14 (2006.01)

(87) WO2021/215656
 (31) 10-2020-0048788 (32) 22.04.20 (33) KR
 (43) 28.10.2021
 (44) 20.07.2023
 (72) LEE, Jeewoo; ANN, Jihyae
 (74) FPA Patent Attorneys Pty Ltd

(71) JW Pharmaceutical Corporation
 (11) AU-B-2022204211
 (21) 2022204211 (22) 16.06.2022
 (54) NOVEL HETEROCYCLE DERIVATIVE
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 8/49 (2006.01)
 A61K 31/437 (2006.01)
 A61P 17/14 (2006.01)
 A61Q 7/00 (2006.01)
 (43) 07.07.2022
 (44) 20.07.2023
 (62) 2019264078
 (72) HONG, Woo Sang; CHA, Joo Young;
 CHOI, Sun Ea; IM, Isak; YUN, Chi-
 Ho; JANG, Jae Ho; JUNG, Chae Lim;
 CHIN, Sei Ho; KIM, Jiknyeo; KIM,
 Joongsoo; LEE, Sang Hak
 (74) FB Rice Pty Ltd

Kabushiki Kaisha Kobe Seiko Sho (Kobe
 Steel, Ltd.) see Nippon Steel Corporation
 (21) 2020393659

(71) Kabushiki Kaisha Toyota Jidoshokki
 (11) AU-B-2020231886
 (21) 2020231886 (22) 21.02.2020
 (54) Control device for internal combustion
 engine
 (51) Int. Cl.
 F02D 23/02 (2006.01)
 F02B 37/007 (2006.01)
 F02D 41/04 (2006.01)
 (87) WO2020/179500
 (31) 2019-041729 (32) 07.03.19 (33) JP
 (43) 10.09.2020

(44) 20.07.2023
 (72) MAEDA, Keisuke; HAMADA, Tatsuya
 (74) Griffith Hack

(71) Kellogg Company
 (11) AU-B-2018211020
 (21) 2018211020 (22) 17.01.2018
 (54) Packaging assembly, serving assembly
 and nested storage assembly formed
 form a system and a method for utiliz-
 ing the same
 (51) Int. Cl.
 B65D 77/04 (2006.01)
 B65D 85/30 (2006.01)
 B65D 85/62 (2006.01)
 (87) WO2018/136515
 (31) 62/447,474 (32) 18.01.17 (33) US
 (43) 26.07.2018
 (44) 20.07.2023
 (72) Graves, Kyle; Clarizio, Mark
 (74) Davies Collison Cave Pty Ltd

(71) Kennametal Inc.
 (11) AU-B-2018204593
 (21) 2018204593 (22) 25.06.2018
 (54) SPLINE DRIVE DRILL STEEL
 COUPLERS
 (51) Int. Cl.
 E21B 17/02 (2006.01)
 E21B 10/627 (2006.01)
 E21D 20/00 (2006.01)
 (31) 15/686,868 (32) 25.08.17 (33) US
 (43) 14.03.2019
 (44) 20.07.2023
 (72) Paros, Nicholas J.; Bloom, Robbie
 (74) Phillips Ormonde Fitzpatrick

(71) KMW Inc.
 (11) AU-B-2020240972
 (21) 2020240972 (22) 18.03.2020
 (54) Clamping apparatus for antenna
 (51) Int. Cl.
 H01Q 1/12 (2006.01)
 (87) WO2020/190033
 (31) 10-2019-0030768 (32) 18.03.19 (33) KR
 10-2019-0136082 30.10.19 KR
 (43) 24.09.2020
 (44) 20.07.2023
 (72) YOO, Chang Woo; YEO, Jin Soo; KIM,
 In Ho
 (74) AJ PARK

(71) Kobayashi Pharmaceutical Co., Ltd.
 (11) AU-B-2018240865
 (21) 2018240865 (22) 22.03.2018
 (54) LIQUID MEDICINE SUPPLY DEVICE
 (51) Int. Cl.
 B65D 50/04 (2006.01)
 A61J 1/05 (2006.01)
 A61M 35/00 (2006.01)
 (87) WO2018/174171
 (31) 2017-057552 (32) 23.03.17 (33) JP
 (43) 27.09.2018
 (44) 20.07.2023
 (72) Komiyama, Satoru
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

(71) Koninklijke Philips N.V.
 (11) AU-B-2021298066
 (21) 2021298066 (22) 15.06.2021
 (54) Garment steamer with a laser sensor
 (51) Int. Cl.
D06F 87/00 (2006.01)
 (87) WO2021/259700
 (31) 20182215.2 (32) 25.06.20 (33) EP
 (43) 30.12.2021
 (44) 20.07.2023
 (72) THANIGAIVEL, Naresh Kumar; SIN, Hee Poh; YE, Zhibin; PANDURANGAN, Palani
 (74) FB Rice Pty Ltd

(71) Kubota Corporation
 (11) AU-B-2019400384
 (21) 2019400384 (22) 17.12.2019
 (54) Cabin
 (51) Int. Cl.
B62D 49/00 (2006.01)
B60H 1/00 (2006.01)
B60H 1/32 (2006.01)
B62D 25/04 (2006.01)
G10K 11/172 (2006.01)
 (87) WO2020/129980
 (31) 2018-237323 (32) 19.12.18 (33) JP
 2018-237322 19.12.18 JP
 2018-237321 19.12.18 JP
 (43) 25.06.2020
 (44) 20.07.2023
 (72) YASUNOBE, Daisuke
 (74) Griffith Hack

(71) Kyndryl, Inc.
 (11) AU-B-2020280677
 (21) 2020280677 (22) 05.05.2020
 (54) Managing data and data usage in iot network
 (51) Int. Cl.
H04L 67/02 (2022.01)
G06F 21/44 (2013.01)
H04W 4/70 (2018.01)
 (87) WO2020/233984
 (31) 16/421,156 (32) 23.05.19 (33) US
 (43) 26.11.2020
 (44) 20.07.2023
 (72) RODRIGUEZ BRAVO, Cesar Augusto; ZAMORA DURAN, Edgar Adolfo; TRIM, Craig; LIEBINGER PORTELA, Franz Friedrich
 (74) Spruson & Ferguson

(71) LADANYI, R.
 (11) AU-B-2021202553
 (21) 2021202553 (22) 26.04.2021
 (54) Method and System for 3D Printer with Improved Performance and 3D Printer Employing Same
 (51) Int. Cl.
B29C 64/118 (2017.01)
B29C 64/343 (2017.01)
B33Y 30/00 (2015.01)
B33Y 40/00 (2020.01)
 (43) 27.05.2021

(44) 20.07.2023
 (62) 2015354352
 (72) LADANYI, Robert
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Lavermicocca, G.
 (11) AU-B-2021203053
 (21) 2021203053 (22) 13.05.2021
 (54) Improved Three Dimensional Puzzle
 (51) Int. Cl.
A63F 9/12 (2006.01)
A63H 33/04 (2006.01)
 (43) 10.06.2021
 (44) 20.07.2023
 (62) 2015303819
 (72) Andrews, Craig; Pantschenko, Sacha
 (74) Chrysilou IP

(71) Le Dévédec, F.; Allen, C.J.; Stevens, D.M.; Rager-Aguiar, D.J.; Ruckh, T.T.; Elmquist, C.E.
 (11) AU-B-2021202965
 (21) 2021202965 (22) 10.05.2021
 (54) Crosslinked particles
 (51) Int. Cl.
C08J 9/16 (2006.01)
C08J 9/22 (2006.01)
 (43) 03.06.2021
 (44) 20.07.2023
 (62) 2016335866
 (72) Le Dévédec, Frantz; Allen, Christine Jane; Stevens, David Michael; Rager-Aguiar, Dean James; Ruckh, Timothy Tordella; Elmquist, Carl Eric
 (74) Allens Patent & Trade Mark Attorneys

(71) Legacy Ventures LLC
 (11) AU-B-2018212810
 (21) 2018212810 (22) 26.01.2018
 (54) Clot retrieval system
 (51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/22 (2006.01)
A61F 2/00 (2006.01)
A61F 2/01 (2006.01)
 (87) WO2018/140702
 (31) 15/449,901 (32) 03.03.17 (33) US
 15/610,209 31.05.17 US
 15/417,505 27.01.17 US
 15/710,648 20.09.17 US
 15/611,762 01.06.17 US
 15/629,703 21.06.17 US
 (43) 02.08.2018
 (44) 20.07.2023
 (72) Ulm III, Arthur John
 (74) Phillips Ormonde Fitzpatrick

(71) Lemonex Inc.
 (11) AU-B-2021232725
 (21) 2021232725 (22) 15.09.2021
 (54) Physiologically active substance carrier
 (51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
C01B 33/12 (2006.01)

(43) 14.10.2021
 (44) 20.07.2023
 (62) 2018216591
 (72) WON, Cheolhee
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.
 (11) AU-B-2020209330
 (21) 2020209330 (22) 17.01.2020
 (54) Mobile robot and method of controlling plurality of mobile robots
 (51) Int. Cl.
B25J 11/00 (2006.01)
A47L 9/28 (2006.01)
B25J 9/16 (2006.01)
B25J 19/02 (2006.01)
 (87) WO2020/149696
 (31) 10-2019-0006059 (32) 17.01.19 (33) KR
 (43) 23.07.2020
 (44) 20.07.2023
 (72) CHOI, Wonjun
 (74) FB Rice Pty Ltd

(71) LG Electronics Inc.
 (11) AU-B-2020225795
 (21) 2020225795 (22) 20.01.2020
 (54) Dishwasher
 (51) Int. Cl.
A47L 15/42 (2006.01)
E05D 3/06 (2006.01)
 (87) WO2020/171393
 (31) 10-2019-0018560 (32) 18.02.19 (33) KR
 (43) 27.08.2020
 (44) 20.07.2023
 (72) KO, Myungwon
 (74) Davies Collison Cave Pty Ltd

(71) LIER CHEMICAL CO., LTD.
 (11) AU-B-2022315394
 (21) 2022315394 (22) 19.07.2022
 (54) METHOD FOR PREPARING GLUFOSINATE OR ANALOG THEREOF
 (51) Int. Cl.
C07F 9/30 (2006.01)
C07C 271/22 (2006.01)
C07F 9/32 (2006.01)
C07F 9/46 (2006.01)
 (87) WO2023/001132
 (31) 202110817871.2 (32) 20.07.21 (33) CN
 (43) 26.01.2023
 (44) 20.07.2023
 (72) XU, Min; LIU, Yongjiang; ZHOU, Lei; ZENG, Wei; CHENG, Ke
 (74) FB Rice Pty Ltd

(71) Linde Aktiengesellschaft
 (11) AU-B-2017382837
 (21) 2017382837 (22) 19.12.2017
 (54) Configurable spiral freezer
 (51) Int. Cl.
F25D 3/11 (2006.01)
B65G 21/18 (2006.01)
F25D 13/06 (2006.01)
 (87) WO2018/118850
 (31) 15/387,840 (32) 22.12.16 (33) US
 (43) 28.06.2018

Applications Accepted - Name Index cont'd

(44) 20.07.2023
(72) McCormick, Stephen
(74) Spruson & Ferguson

(71) Liquid Instruments Pty. Ltd.

(11) AU-B-2019327360

(21) 2019327360 (22) 20.08.2019

(54) Improved process of programming field programmable gate arrays using partial reconfiguration

(51) Int. Cl.

G06F 9/44 (2018.01)

G06F 8/41 (2018.01)

G06F 8/60 (2018.01)

G06F 9/06 (2006.01)

G06F 30/34 (2020.01)

H03K 19/173 (2006.01)

(87) WO2020/046645

(31) 16/113,490 (32) 27.08.18 (33) US

(43) 05.03.2020

(44) 20.07.2023

(72) SHADDOCK, Daniel Anthony;
SCHWENKE, Max Andrew Gordon;
RAWLES WUCHENICH, Danielle Marie;
COUGHLAN, Benjamin Paul; LAM,
Timothy, Tien-Yue; ALTIN, Paul Anthony

(74) FPA Patent Attorneys Pty Ltd

(71) Liveperson, Inc.

(11) AU-B-2021226758

(21) 2021226758 (22) 24.02.2021

(54) Intent analysis for call center response generation

(51) Int. Cl.

G06Q 30/00 (2012.01)

G06Q 10/00 (2012.01)

G06Q 10/06 (2012.01)

(87) WO2021/173611

(31) 62/981,466 (32) 25.02.20 (33) US

(43) 02.09.2021

(44) 20.07.2023

(72) CLODORE, Glen; SMITH, Matthew

(74) Spruson & Ferguson

(71) Liveperson, Inc.

(11) AU-B-2022200637

(21) 2022200637 (22) 01.02.2022

(54) Dynamic user interface customization

(51) Int. Cl.

G06F 9/44 (2018.01)

G06F 9/445 (2018.01)

(43) 24.02.2022

(44) 20.07.2023

(62) 2020233777

(72) BARAK, Matan; SHUB, Amir

(74) FB Rice Pty Ltd

(71) LivePerson, Inc.

(11) AU-B-2020402099

(21) 2020402099 (22) 11.12.2020

(54) Function-as-a-service cloud chatbot for two-way communication systems

(51) Int. Cl.

H04L 51/02 (2022.01)

H04L 67/10 (2022.01)

(87) WO2021/119441

(31) 62/948,038 (32) 13.12.19 (33) US

(43) 17.06.2021

(44) 20.07.2023

(72) THUM, Christian; REIZ, Robert; GIL-CHREST, Alan; ROTARU, Andreas; PELCZER, Simon

(74) Spruson & Ferguson

(71) Look For The Power, LLC.

(11) AU-B-2021241522

(21) 2021241522 (22) 23.03.2021

(54) Evaporative cooler and moisture condenser with vapor recovery and method

(51) Int. Cl.

F25D 5/00 (2006.01)

B01F 23/20 (2022.01)

F24F 6/12 (2006.01)

(87) WO2021/195042

(31) 16/829,580 (32) 25.03.20 (33) US

(43) 30.09.2021

(44) 20.07.2023

(72) SAAVEDRA, John

(74) PHILLIPS ORMONDE FITZPATRICK

(71) MagAssist, Inc.

(11) AU-B-2019474874

(21) 2019474874 (22) 17.12.2019

(54) Motor for extracorporeal blood pump, extracorporeal blood pump and extracorporeal blood pump system

(51) Int. Cl.

A61M 60/00 (2021.01)

(87) WO2021/097973

(31) 201911124056.7 (32) 18.11.19 (33) CN

(43) 27.05.2021

(44) 20.07.2023

(72) LOGAN, Thomas George; CLIFTON, Peter Colton James; WEI, Bo; YEN, Ian

(74) FB Rice Pty Ltd

(71) Maichen, S.D.

(11) AU-B-2019401055

(21) 2019401055 (22) 20.12.2019

(54) Cooking device

(51) Int. Cl.

A47J 37/07 (2006.01)

(87) WO2020/129106

(31) 102018000020605 (32) 20.12.18 (33) IT

(43) 25.06.2020

(44) 20.07.2023

(72) MAICHEN, Sergio Daniel

(74) IP SOLVED (ANZ) PTY. LTD.

(71) MAS Innovation (Private) Limited

(11) AU-B-2020326302

(21) 2020326302 (22) 28.07.2020

(54) Absorbent pad for a garment

(51) Int. Cl.

A61F 13/475 (2006.01)

A41B 9/00 (2006.01)

A61F 13/476 (2006.01)

A61F 13/49 (2006.01)

A61F 13/494 (2006.01)

(87) WO2021/025615

(31) 1911052.7 (32) 02.08.19 (33) GB

(43) 11.02.2021

(44) 20.07.2023

(72) KAJANTHAN, Arulseelan; SEN-ANAYAKE, Lanka Buddhika; SELVA-RAJAH, Jalandhiran; ARACHCHIGE, Samedha Kuruppu; DUSHYANTHA, Mapitiyage Don Janith; FERNANDO, Kanishka

(74) James & Wells Intellectual Property

Massachusetts Eye And Ear Infirmary see
The Brigham and Women's Hospital, Inc.

(21) 2021215131

Massachusetts Institute of Technology see
The Broad Institute, Inc.

(21) 2017253089

Massachusetts Institute of Technology see
The Broad Institute, Inc.

(21) 2017253107

(71) Massachusetts Institute of Technology

(11) AU-B-2021286269

(21) 2021286269 (22) 14.12.2021

(54) SYSTEMS AND METHODS FOR SYNTHESIZING CHEMICAL PRODUCTS, INCLUDING ACTIVE PHARMACEUTICAL INGREDIENTS

(51) Int. Cl.

B01J 8/00 (2006.01)

B01J 19/00 (2006.01)

B01J 19/18 (2006.01)

(43) 06.01.2022

(44) 20.07.2023

(62) 2019268159

(72) Adamo, Andrea; Jensen, Klavs F.; Myerson, Allan Stuart; Zhang, Ping; Jamison, Timothy F.; Monbaliu, Jean-Christophe M.; Behnam, Mohsen; Wong, Shin Yee; Weeranoppanant, Nopphon; Revalor, Eve Marie; Stelzer, Torsten; Chen, Jie; Snead, David R.

(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Matter Up Pty Ltd

(11) AU-B-2019277210

(21) 2019277210 (22) 30.05.2019

(54) Void former

(51) Int. Cl.

E04C 5/00 (2006.01)

E04B 2/86 (2006.01)

E04B 5/36 (2006.01)

E04C 2/06 (2006.01)

E04C 3/34 (2006.01)

E04C 5/07 (2006.01)

E04C 5/16 (2006.01)

(87) WO2019/227161

(31) 2018901968 (32) 01.06.18 (33) AU

(43) 05.12.2019

(44) 20.07.2023

(72) STEHLE, John

(74) FAL PATENTS PTY LTD

Applications Accepted - Name Index cont'd

(71) Mayo Foundation for Medical Education and Research; IMDS LLC
 (11) AU-B-2022202746
 (21) 2022202746 (22) 27.04.2022
 (54) Joint fusion implants, instruments, and methods
 (51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/86 (2006.01)
 (43) 19.05.2022
 (44) 20.07.2023
 (62) 2017257368
 (72) RINDAL, Bjorn N.; SCHUMACHER, Brian Scott; SLATER, Nicholas; MAH-PEYKAR, Navid; BERVEN, Sigurd; CROSS III, William W.
 (74) Spruson & Ferguson

(71) Mazourik, S.
 (11) AU-B-2017277565
 (21) 2017277565 (22) 11.05.2017
 (54) Functional sock
 (51) Int. Cl.
A41B 11/00 (2006.01)
A41B 11/08 (2006.01)
 (87) WO2017/213792
 (31) 15/179,598 (32) 10.06.16 (33) US
 (43) 14.12.2017
 (44) 20.07.2023
 (72) Mazourik, Sergei; Mazourik, Michael; Mazourik, Oksana; Mazourik, Katharina
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) McKeown, P.
 (11) AU-B-2020217461
 (21) 2020217461 (22) 14.08.2020
 (54) NASAL BREATHING TRAINING TAPE AND METHOD
 (51) Int. Cl.
A61F 5/56 (2006.01)
 (31) 16/542,363 (32) 16.08.19 (33) US
 (43) 04.03.2021
 (44) 20.07.2023
 (72) McKeown, Patrick
 (74) Patenteur Pty Ltd

(71) MedicalTree Patent Ltd
 (11) AU-B-2021204120
 (21) 2021204120 (22) 18.06.2021
 (54) Heart Help Device, System, And Method
 (51) Int. Cl.
A61M 60/268 (2021.01)
A61B 17/68 (2006.01)
A61H 31/00 (2006.01)
A61M 27/00 (2006.01)
A61M 29/00 (2006.01)
A61M 60/122 (2021.01)
A61M 60/205 (2021.01)
A61M 60/40 (2021.01)
A61M 60/50 (2021.01)
 (43) 15.07.2021
 (44) 20.07.2023
 (62) 2019246900
 (72) Forsell, Peter
 (74) WRAYS PTY LTD

(71) Medos International Sàrl
 (11) AU-B-2018309726
 (21) 2018309726 (22) 31.07.2018
 (54) Connectors for use in systems and methods for reducing the risk of proximal junctional kyphosis
 (51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/56 (2006.01)
A61B 17/58 (2006.01)
A61B 17/68 (2006.01)
A61B 17/88 (2006.01)
A61F 2/44 (2006.01)

(87) WO2019/028042
 (31) 15/663,865 (32) 31.07.17 (33) US
 (43) 07.02.2019
 (44) 20.07.2023
 (72) O'NEIL, Michael; ENGSTROM, Connor; O'BRIEN, Michael; AMES, Christopher; GUPTA, Munish; SCOTT-YOUNG, Matthew
 (74) Spruson & Ferguson

(71) Megakaryon Corporation; Otsuka Pharmaceutical Factory, Inc.
 (11) AU-B-2020241910
 (21) 2020241910 (22) 13.03.2020
 (54) Storage liquid for mammalian cells
 (51) Int. Cl.
C12N 5/0775 (2010.01)
C12N 1/04 (2006.01)
C12N 5/078 (2010.01)
C12N 5/0783 (2010.01)

(87) WO2020/189538
 (31) 2019-047852 (32) 15.03.19 (33) JP
 (43) 24.09.2020
 (44) 20.07.2023
 (72) TOMIZUKA, Junko; SHIGEMORI, Tomohiro; WATANABE, Natsuki; TAKENAWA, Taichi; SHIRAKAWA, Chikage; NISHIMURA, Masuhiro; FUJITA, Yasutaka; SAWAMOTO, Osamu
 (74) Madderns Pty Ltd

(71) metamorphosis GmbH
 (11) AU-B-2020410356
 (21) 2020410356 (22) 16.12.2020
 (54) Determining relative 3D positions and orientations between objects in 2D medical images
 (51) Int. Cl.
G06T 7/73 (2017.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)
 (87) WO2021/122804
 (31) 19217245.0 (32) 17.12.19 (33) EP
 (43) 24.06.2021
 (44) 20.07.2023
 (72) BLAU, Arno
 (74) Spruson & Ferguson

(71) MFTB Holdco, Inc.
 (11) AU-B-2021290378
 (21) 2021290378 (22) 24.12.2021
 (54) Automated determination of image acquisition locations in building interiors using multiple data capture devices
 (51) Int. Cl.
G06F 30/12 (2020.01)

G01C 11/06 (2006.01)
G06T 7/70 (2017.01)
G06T 17/20 (2006.01)
G06T 19/20 (2011.01)
 (31) 63/135,312 (32) 08.01.21 (33) US
 17/150,958 15.01.21 US
 (43) 28.07.2022
 (44) 20.07.2023
 (72) Cier, Sean P.; Kang, Sing Bing; Dawson, Mitchell David; Moulouy, Pierre
 (74) Davies Collison Cave Pty Ltd

(71) Mitsubishi Heavy Industries Engineering, Ltd.
 (11) AU-B-2020377303
 (21) 2020377303 (22) 03.08.2020
 (54) CARBON DIOXIDE RECOVERY SYSTEM AND CARBON DIOXIDE RECOVERY METHOD
 (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/62 (2006.01)
B01D 53/78 (2006.01)
B01D 53/96 (2006.01)
F23J 15/04 (2006.01)
 (87) WO2021/084830
 (31) 2019-196885 (32) 30.10.19 (33) JP
 (43) 06.05.2021
 (44) 20.07.2023
 (72) NOBORISATO, Tomoki; KAMIJO, Takashi
 (74) Davies Collison Cave Pty Ltd

(71) Monsanto Technology LLC
 (11) AU-B-2020273330
 (21) 2020273330 (22) 19.11.2020
 (54) Methods and compositions for selective regulation of protein expression
 (51) Int. Cl.
A01H 1/00 (2006.01)
A01H 1/02 (2006.01)
A01H 3/04 (2006.01)
 (43) 17.12.2020
 (44) 20.07.2023
 (62) 2016296468
 (72) Huang, Jintai; Qi, Youlin; Yang, Heping; Zhang, Yuanji
 (74) Davies Collison Cave Pty Ltd

(71) Morinaga Milk Industry Co., Ltd.
 (11) AU-B-2020366736
 (21) 2020366736 (22) 19.03.2020
 (54) Composition, production method, and usage
 (51) Int. Cl.
A23L 33/135 (2016.01)
A61K 35/741 (2015.01)
 (87) WO2021/075073
 (31) 62/916,346 (32) 17.10.19 (33) US
 (43) 22.04.2021
 (44) 20.07.2023
 (72) FUJII, Kengo; MIYAUCHI, Hirofumi
 (74) Griffith Hack

MORRIS, S.K. see Revelation Health LLC
 (21) 2019252817

Applications Accepted - Name Index cont'd

(71) Motorola Solutions, Inc
 (11) AU-B-2019454248
 (21) 2019454248 (22) 25.06.2019
 (54) System and method for saving bandwidth in performing facial recognition
 (51) Int. Cl.
G06V 10/74 (2022.01)
G06F 16/432 (2019.01)
G06V 30/242 (2022.01)
G06V 40/16 (2022.01)
 (87) WO2020/263110
 (43) 30.12.2020
 (44) 20.07.2023
 (72) JURZAK, Pawel; STAWISZYNSKI, Maciej
 (74) Phillips Ormonde Fitzpatrick

(71) Motorola Solutions, Inc.
 (11) AU-B-2021225776
 (21) 2021225776 (22) 18.02.2021
 (54) Method and apparatus for temporary hands-free voice interaction
 (51) Int. Cl.
G06F 3/16 (2006.01)
 (87) WO2021/173423
 (31) 16/800,917 (32) 25.02.20 (33) US
 (43) 02.09.2021
 (44) 20.07.2023
 (72) JARVINEN, Jari P.; REGAN, Sean P; SIDDOWAY, Craig F
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Murphy, S.
 (11) AU-B-2018234572
 (21) 2018234572 (22) 12.03.2018
 (54) Systems and methods for determining leg length change during hip surgery
 (51) Int. Cl.
A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
A61F 2/32 (2006.01)
 (87) WO2018/169832
 (31) 62/471,049 (32) 14.03.17 (33) US
 (43) 20.09.2018
 (44) 20.07.2023
 (72) Murphy, Stephen B.; Murphy, William S.
 (74) Phillips Ormonde Fitzpatrick

(71) Nanjing Chervon Industry Co., Ltd.
 (11) AU-B-2021338586
 (21) 2021338586 (22) 24.09.2021
 (54) Battery pack, power tool system, and charging system
 (51) Int. Cl.
H02J 7/00 (2006.01)
 (87) WO2022/068690
 (31) 202011061730.4 (32) 30.09.20 (33) CN
 202011061751.6 30.09.20 CN
 202011057097.1 30.09.20 CN
 202011057089.7 30.09.20 CN
 202011057113.7 30.09.20 CN
 202011061729.1 30.09.20 CN
 (43) 14.04.2022
 (44) 20.07.2023
 (72) YANG, Dong; DONG, Zhijun; HU, Guiwu; YANG, Dezhong; XU, Tianxiao; WANG, Huaishu
 (74) Madderns Pty Ltd

(71) NeoVasc Tiara Inc.
 (11) AU-B-2020295566
 (21) 2020295566 (22) 19.06.2020
 (54) Low profile prosthetic mitral valve
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (87) WO2020/257643
 (31) 62/864,008 (32) 20.06.19 (33) US
 (43) 24.12.2020
 (44) 20.07.2023
 (72) FUNG, Eric Soun-Sang; WONG, Karen Tsoek-Ji; BEN-ABRAHAM, Ephraim
 (74) Spruson & Ferguson

(71) Nevro Corporation
 (11) AU-B-2021204128
 (21) 2021204128 (22) 21.06.2021
 (54) MEDICAL DEVICE COMMUNICATION AND CHARGING ASSEMBLIES FOR USE WITH IMPLANTABLE SIGNAL GENERATORS
 (51) Int. Cl.
A61N 1/36 (2006.01)
 (43) 15.07.2021
 (44) 20.07.2023
 (62) 2019229328
 (72) Parker, Jon; Chitre, Yougandh; Walker, Andre B.
 (74) RnB IP Pty Ltd

(71) Nicoventures Trading Limited
 (11) AU-B-2020235041
 (21) 2020235041 (22) 09.03.2020
 (54) Aerosol provision device
 (51) Int. Cl.
A24F 40/465 (2020.01)
A24F 40/50 (2020.01)
A24F 40/60 (2020.01)
A24F 40/20 (2020.01)
A24F 40/57 (2020.01)
 (87) WO2020/182749
 (31) 1903248.1 (32) 11.03.19 (33) GB
 (43) 17.09.2020
 (44) 20.07.2023
 (72) SAYED, Ashley John; WARREN, Luke James; WOODMAN, Thomas Alexander John
 (74) Spruson & Ferguson

(71) Nicoventures Trading Limited
 (11) AU-B-2020235397
 (21) 2020235397 (22) 06.03.2020
 (54) Vapour provision system and corresponding method
 (51) Int. Cl.
A24F 40/53 (2020.01)
 (87) WO2020/183135
 (31) 1903144.2 (32) 08.03.19 (33) GB
 (43) 17.09.2020
 (44) 20.07.2023
 (72) CHEN, Shixiang
 (74) Spruson & Ferguson

(71) Nicoventures Trading Limited
 (11) AU-B-2020366138

(21) 2020366138 (22) 30.09.2020
 (54) Aerosol provision systems
 (51) Int. Cl.
A24F 40/42 (2020.01)
 (87) WO2021/074586
 (31) 1914831.1 (32) 14.10.19 (33) GB
 (43) 22.04.2021
 (44) 20.07.2023
 (72) HUGHES, Steve
 (74) Spruson & Ferguson

(71) Nilo Limited
 (11) AU-B-2022204035
 (21) 2022204035 (22) 30.04.2022
 (54) A plastic composite product
 (51) Int. Cl.
B27N 3/02 (2006.01)
B27N 3/08 (2006.01)
B29C 43/04 (2006.01)
B32B 2/1/02 (2006.01)
 (87) WO2022/229933
 (31) 2021901268 (32) 30.04.21 (33) AU
 (43) 17.11.2022
 (44) 20.07.2023
 (72) OAKLEY, Simon David; HODGSON, Thomas Clarence
 (74) Dentons Patent Attorneys Australasia Limited

(71) Nippon Steel Corporation; JFE Steel Corporation; Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.); Nippon Steel Engineering Co., Ltd.
 (11) AU-B-2020393659
 (21) 2020393659 (22) 27.11.2020
 (54) Blast furnace operation method
 (51) Int. Cl.
C21B 5/00 (2006.01)
 (87) WO2021/107091
 (31) 2019-216568 (32) 29.11.19 (33) JP
 2020-092467 27.05.20 JP
 (43) 03.06.2021
 (44) 20.07.2023
 (72) SAKAI, Hiroshi; NAKANO, Kaoru
 (74) Spruson & Ferguson

Nippon Steel Engineering Co., Ltd. see Nippon Steel Corporation
 (21) 2020393659

(71) Nokia Technologies Oy
 (11) AU-B-2020373330
 (21) 2020373330 (22) 04.09.2020
 (54) Method and apparatus for manually selecting a network
 (51) Int. Cl.
H04W 48/00 (2009.01)
H04W 48/16 (2009.01)
H04W 84/04 (2009.01)
 (87) WO2021/084158
 (31) 1915748.6 (32) 30.10.19 (33) GB
 (43) 06.05.2021
 (44) 20.07.2023
 (72) WON, Sung Hwan; WOLFNER, György Tamás
 (74) Spruson & Ferguson

Applications Accepted - Name Index cont'd

- (71) Nouryon Chemicals International B.V.
 (11) AU-B-2020400015
 (21) 2020400015 (22) 14.12.2020
 (54) Epoxidized oil-based surfactant and compositions comprising the same
 (51) Int. Cl.
A01N 25/30 (2006.01)
C07C 229/04 (2006.01)
C11D 1/42 (2006.01)
C11D 1/46 (2006.01)
 (87) WO2021/116500
 (31) 62947868 (32) 13.12.19 (33) US
 (43) 17.06.2021
 (44) 20.07.2023
 (72) BEVINAKATTI, Hanamanthsa; YUAN-HUFFMAN, Qingwen Wendy; ZHU, Shawn; ISLAM, Mojahedul
 (74) Spruson & Ferguson
-
- (71) NTT DOCOMO, INC.
 (11) AU-B-2021290404
 (21) 2021290404 (22) 29.12.2021
 (54) Audio signal processing device, audio signal processing method, and audio signal processing program
 (51) Int. Cl.
G10L 19/005 (2013.01)
G10L 19/00 (2013.01)
H04L 1/00 (2006.01)
 (43) 03.02.2022
 (44) 20.07.2023
 (62) 2020294314
 (72) TSUTSUMI, Kimitaka; KIKUIRI, Kei; YAMAGUCHI, Atsushi
 (74) Spruson & Ferguson
-
- (71) Nubiz Plastic (Nantong) Co., Ltd
 (11) AU-B-2020297401
 (21) 2020297401 (22) 09.06.2020
 (54) Pump assembly and container having content discharge function
 (51) Int. Cl.
B65D 47/34 (2006.01)
B65D 47/20 (2006.01)
 (87) WO2020/253578
 (31) 201910526918.2 (32) 18.06.19 (33) CN
 (43) 24.12.2020
 (44) 20.07.2023
 (72) ZHU, Wei
 (74) Spruson & Ferguson
-
- (71) NVIDIA Corporation
 (11) AU-B-2020346707
 (21) 2020346707 (22) 26.08.2020
 (54) Video upsampling using one or more neural networks
 (51) Int. Cl.
G06T 1/20 (2006.01)
 (87) WO2021/050268
 (31) 16/565,088 (32) 09.09.19 (33) US
 (43) 18.03.2021
 (44) 20.07.2023
 (72) LIU, Shiqiu; LE, Matthieu; TAO, Andrew
 (74) Davies Collison Cave Pty Ltd
-
- (71) Nyxoah S.A.
 (11) AU-B-2018227019
- (21) 2018227019 (22) 28.02.2018
 (54) Surgical implant system
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/05 (2006.01)
 (87) WO2018/158305
 (31) 62/464,917 (32) 28.02.17 (33) US
 (43) 07.09.2018
 (44) 20.07.2023
 (72) Golan, Shiran; Siman, Guy; Yosef, Yoel Ben; Adimor, Ronen; Tsukran, Roi Moshe
 (74) FB Rice Pty Ltd
-
- (71) Nyxoah SA
 (11) AU-B-2020278806
 (21) 2020278806 (22) 18.05.2020
 (54) Method and system for electrical nerve stimulation
 (51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
 (87) WO2020/234253
 (31) 62/850,077 (32) 20.05.19 (33) US
 (43) 26.11.2020
 (44) 20.07.2023
 (72) TSUKRAN, Roi Moshe
 (74) FB Rice Pty Ltd
-
- (71) OAM Photonics LLC
 (11) AU-B-2020332813
 (21) 2020332813 (22) 19.08.2020
 (54) Photonic coherent detection array
 (51) Int. Cl.
H04B 10/64 (2013.01)
H04B 10/61 (2013.01)
 (87) WO2021/034972
 (31) 62/889,065 (32) 20.08.19 (33) US
 (43) 25.02.2021
 (44) 20.07.2023
 (72) CHAN, Kam Wai Clifford; WONG, Chung Ki
 (74) Spruson & Ferguson
-
- (71) OMV Downstream GmbH
 (11) AU-B-2019226622
 (21) 2019226622 (22) 28.02.2019
 (54) METHOD AND DEVICE FOR THE CATALYTIC CONVERSION OF A SUBSTANCE MIXTURE
 (51) Int. Cl.
C07C 29/60 (2006.01)
B01J 23/30 (2006.01)
B01J 23/652 (2006.01)
B01J 27/188 (2006.01)
B01J 35/10 (2006.01)
B01J 37/00 (2006.01)
B01J 37/02 (2006.01)
C07C 31/10 (2006.01)
 (87) WO2019/165486
 (31) A 50173/2018 (32) 28.02.18 (33) AT
 (43) 06.09.2019
 (44) 20.07.2023
 (72) SCHÖFFL, Paul
 (74) Spruson & Ferguson
-
- (71) Orbis Health Solutions LLC
 (11) AU-B-2017313806
 (21) 2017313806 (22) 17.08.2017
 (54) Tumor-targeting bead vectors and methods of using the same
 (51) Int. Cl.
A61K 35/12 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
 (87) WO2018/035303
 (31) 62/376,033 (32) 17.08.16 (33) US
 (43) 22.02.2018
 (44) 20.07.2023
 (72) Wagner, Thomas E.
 (74) Phillips Ormonde Fitzpatrick
-
- (71) OSE Immunotherapeutics
 (11) AU-B-2018213890
 (21) 2018213890 (22) 24.01.2018
 (54) Method for manufacturing a stable emulsion for peptide delivery
 (51) Int. Cl.
A61K 9/107 (2006.01)
A61K 38/10 (2006.01)
A61K 38/17 (2006.01)
 (87) WO2018/138110
 (31) 17305079.0 (32) 25.01.17 (33) EP
 (43) 02.08.2018
 (44) 20.07.2023
 (72) Conduzorgues, Jean-Pascal
 (74) Davies Collison Cave Pty Ltd
-
- Otsuka Pharmaceutical Factory, Inc. see Megakaryon Corporation**
 (21) 2020241910
-
- (71) Oxford Genetics Limited
 (11) AU-B-2017225350
 (21) 2017225350 (22) 28.02.2017
 (54) Promoter
 (51) Int. Cl.
C12N 15/85 (2006.01)
C07K 14/47 (2006.01)
 (87) WO2017/149292
 (31) 1603577.6 (32) 01.03.16 (33) GB
 (43) 08.09.2017
 (44) 20.07.2023
 (72) Cawood, Ryan; Parker-Manuel, Richard; Su, Weiheng
 (74) FB Rice Pty Ltd
-
- (71) OZKOR Pty. Ltd.; Capral Limited
 (11) AU-B-2017219010
 (21) 2017219010 (22) 23.08.2017
 (54) Packaging assembly
 (51) Int. Cl.
B65B 27/10 (2006.01)
B65B 13/00 (2006.01)
B65D 61/00 (2006.01)
 (31) 2016903616 (32) 08.09.16 (33) AU
 (43) 22.03.2018
 (44) 20.07.2023
 (72) Kim, In Soong; Youm, Sam; Michael, Richard
 (74) mdp Patent and Trade Mark Attorneys

Applications Accepted - Name Index cont'd

- (71) Pearson, J.
 (11) AU-B-2021250879
 (21) 2021250879 (22) 13.10.2021
 (54) AN EXTENDIBLE ENCLOSURE
 (51) Int. Cl.
F16P 1/02 (2006.01)
A01K 31/08 (2006.01)
F24C 15/36 (2006.01)
- (43) 11.11.2021
 (44) 20.07.2023
 (62) 2016313250
 (72) Pearson, Jason
 (74) Raven IP
-
- (71) Petit Pli Limited
 (11) AU-B-2018288004
 (21) 2018288004 (22) 20.06.2018
 (54) Garment pleating
 (51) Int. Cl.
D06J 1/02 (2006.01)
D06J 1/10 (2006.01)
- (87) WO2018/234794
 (31) 1709842.7 (32) 20.06.17 (33) GB
 (43) 27.12.2018
 (44) 20.07.2023
 (72) YASIN, Ryan
 (74) Murray Trento & Associates Pty Ltd
-
- (71) Pfizer Inc.
 (11) AU-B-2019274654
 (21) 2019274654 (22) 21.05.2019
 (54) Antibodies specific for CD3 and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2019/224715
 (31) 62/675,562 (32) 23.05.18 (33) US
 62/847,460 14.05.19 US
 (43) 28.11.2019
 (44) 20.07.2023
 (72) APGAR, James Reasoner; JIN, Fang; KATRAGADDA, Madan; MATHUR, Divya; TCHISTIAKOVA, Lioudmila Genadievna
 (74) Davies Collison Cave Pty Ltd
-
- PHILLIPS, W.P. see Revelation Health LLC**
 (21) 2019252817
-
- (71) PLAINSIGHT CORP.
 (11) AU-B-2021358749
 (21) 2021358749 (22) 05.10.2021
 (54) SYSTEM AND METHOD OF COUNTING LIVESTOCK
 (51) Int. Cl.
G06N 3/08 (2023.01)
G01S 17/87 (2020.01)
G06N 3/02 (2006.01)
G06N 10/20 (2022.01)
G06V 40/10 (2022.01)
- (87) WO2022/076443
 (31) 17/064,463 (32) 06.10.20 (33) US
 (43) 14.04.2022

- (44) 20.07.2023
 (72) STATEN, Corey; SPEARS, Logan; AN-CHIA, Carlos; XU, Wei
 (74) Spruson & Ferguson
-
- (71) PLF International Limited
 (11) AU-B-2021204648
 (21) 2021204648 (22) 02.07.2021
 (54) Vacuum extraction and sealing of containers
 (51) Int. Cl.
B65B 31/02 (2006.01)
- (43) 29.07.2021
 (44) 20.07.2023
 (62) 2020202986
 (72) SCOTT, Peter Roy; EMOND, Mark
 (74) Griffith Hack
-
- (71) Poketdream Inc.
 (11) AU-B-2019418679
 (21) 2019418679 (22) 22.11.2019
 (54) Container having attachable/detachable handle
 (51) Int. Cl.
A47J 45/07 (2006.01)
- (87) WO2020/141726
 (31) 10-2018-0173922 (32) 31.12.18 (33) KR
 (43) 09.07.2020
 (44) 20.07.2023
 (72) OH, Kuen-Sik
 (74) FB Rice Pty Ltd
-
- POMPA, D. see Revelation Health LLC**
 (21) 2019252817
-
- (71) Precision Alignment Holdings Pty Ltd
 (11) AU-B-2022201209
 (21) 2022201209 (22) 22.02.2022
 (54) A drill rig positioning and drill rod alignment system
 (51) Int. Cl.
E21B 7/10 (2006.01)
E21B 19/24 (2006.01)
E21B 47/02 (2006.01)
- (43) 17.03.2022
 (44) 20.07.2023
 (62) 2016308671
 (72) O'REILLY, Jordan; MIITEL, David
 (74) Spruson & Ferguson
-
- (71) Primeteh, AS
 (11) AU-B-2020324805
 (21) 2020324805 (22) 14.09.2020
 (54) A jointless concrete composite pavement
 (51) Int. Cl.
E01C 11/22 (2006.01)
E01C 7/12 (2006.01)
E01C 7/14 (2006.01)
- (87) WO2021/025548
 (31) P-19-62 (32) 19.11.19 (33) LV
 (43) 11.02.2021

- (44) 20.07.2023
 (72) CEPURITIS, Rolands; OSLEJS, Janis; PEASE, Bradley Justin; ZEGELIS, Aldis; KAMARS, Janis
 (74) Spruson & Ferguson
-
- (71) Probiotix Health Limited
 (11) AU-B-2016348840
 (21) 2016348840 (22) 02.11.2016
 (54) Composition comprising *Lactobacillus plantarum* 2830 (ECGC 13110402)
 (51) Int. Cl.
A61K 35/74 (2006.01)
A61P 3/06 (2006.01)
- (87) WO2017/077285
 (31) 1519326.1 (32) 02.11.15 (33) GB
 (43) 11.05.2017
 (44) 20.07.2023
 (72) O'Hara, Stephen Patrick
 (74) Spruson & Ferguson
-
- (71) Prysmian S.p.A.
 (11) AU-B-2017423261
 (21) 2017423261 (22) 11.07.2017
 (54) An optical fiber ribbon and a method of producing the same
 (51) Int. Cl.
G02B 6/44 (2006.01)
- (87) WO2019/011417
 (43) 17.01.2019
 (44) 20.07.2023
 (72) FALLAHMOHAMMADI, Ehsan; SACH, John R.; PARRIS, Donald Ray; WELLS, Ben H.
 (74) Davies Collison Cave Pty Ltd
-
- (71) QinetiQ Limited
 (11) AU-B-2017353112
 (21) 2017353112 (22) 01.09.2017
 (54) Drive configuration
 (51) Int. Cl.
B60K 1/02 (2006.01)
B60K 7/00 (2006.01)
B60K 17/04 (2006.01)
B60K 17/08 (2006.01)
B62D 11/04 (2006.01)
F16H 48/06 (2006.01)
- (87) WO2018/082828
 (31) 1618478.0 (32) 02.11.16 (33) GB
 (43) 11.05.2018
 (44) 20.07.2023
 (72) Flaxman, Robert John Bonner
 (74) Davies Collison Cave Pty Ltd
-
- (71) Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.
 (11) AU-B-2020338796
 (21) 2020338796 (22) 27.08.2020
 (54) Embedded refrigerator capable of facilitating door opening
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25D 23/02 (2006.01)
- (87) WO2021/037120
 (31) 202010635531.3 (32) 03.07.20 (33) CN
 201910803420.6 28.08.19 CN
 201910804439.2 28.08.19 CN

Applications Accepted - Name Index cont'd

- 201910803379.2 28.08.19 CN (71) ReCarbon, Inc.
 201910803428.2 28.08.19 CN (11) AU-B-2020245070
 202010179550.X 16.03.20 CN (21) 2020245070 (22) 29.02.2020
 (43) 04.03.2021 (54) Plasma reactor for processing gas
 (44) 20.07.2023 (51) Int. Cl.
 (72) LI, Kang; XIA, Enpin; ZHU, Xiaobing H01J 37/32 (2006.01)
 (74) Madderns Pty Ltd (87) WO2020/197701
 (31) 62/823,436 (32) 25.03.19 (33) US
 62/823,492 25.03.19 US
 62/823,505 25.03.19 US
 62/823,508 25.03.19 US
 62/823,514 25.03.19 US
 62/823,517 25.03.19 US
 62/823,484 25.03.19 US
 16/752,689 26.01.20 US
 (43) 01.10.2020
 (44) 20.07.2023
 (72) MCCLELLAND, Stefan Andrew; LE-
 ONARD III, George Stephen; KOO, Jae
 Mo
 (74) FB Rice Pty Ltd
-
- (71) Redbud Labs, Inc.; The University of
 North Carolina at Chapel Hill
 (11) AU-B-2018289391
 (21) 2018289391 (22) 19.06.2018
 (54) Modular active surface devices for mi-
 crofluidic systems and methods of mak-
 ing same
 (51) Int. Cl.
 B01L 3/00 (2006.01)
 (87) WO2018/236833
 (31) 62/522,536 (32) 20.06.17 (33) US
 (43) 27.12.2018
 (44) 20.07.2023
 (72) SPERO, Richard Chasen; FISHER, Jay
 Kenneth; TORMEY, Laura Lee
 (74) James & Wells Intellectual Property
-
- (71) Regal Beloit America, Inc.
 (11) AU-B-2018231118
 (21) 2018231118 (22) 09.03.2018
 (54) Modular transfer units, systems, and
 methods
 (51) Int. Cl.
 B65G 47/22 (2006.01)
 B65G 17/08 (2006.01)
 B65G 17/24 (2006.01)
 B65G 17/30 (2006.01)
 B65G 17/32 (2006.01)
 B65G 17/34 (2006.01)
 B65G 17/38 (2006.01)
 B65G 47/46 (2006.01)
 (87) WO2018/165609
 (31) 62/470,068 (32) 10.03.17 (33) US
 62/470,760 13.03.17 US
 62/479,920 31.03.17 US
 (43) 13.09.2018
 (44) 20.07.2023
 (72) Kuhn, John William
 (74) Griffith Hack
-
- (71) Regulus Therapeutics Inc.; The Board
 of Regents of the University of Texas
 System
 (11) AU-B-2017372695
 (21) 2017372695 (22) 04.12.2017
 (54) Methods for treatment of polycystic kid-
 ney disease
-
- (51) Int. Cl.
 A61K 31/00 (2006.01)
 A61K 31/7088 (2006.01)
 A61P 13/12 (2006.01)
 (87) WO2018/106568
 (31) 62/430,164 (32) 05.12.16 (33) US
 (43) 14.06.2018
 (44) 20.07.2023
 (72) Allerson, Charles R.; Patel, Vishal D.;
 Chau, B. Nelson; Androsavich, John R.
 (74) Spruson & Ferguson
-
- (71) Repligen Corporation
 (11) AU-B-2020418832
 (21) 2020418832 (22) 24.11.2020
 (54) Filtration cassette residing in bag and
 methods of using same
 (51) Int. Cl.
 B01D 29/52 (2006.01)
 B01D 63/08 (2006.01)
 (87) WO2021/137976
 (31) 62/955,541 (32) 31.12.19 (33) US
 (43) 08.07.2021
 (44) 20.07.2023
 (72) PERREAULT, Mark A.
 (74) Spruson & Ferguson
-
- (71) Revelation Health LLC; MORRIS, S.K.;
 HARB, F.S.; PHILLIPS, W.P.; POMPA,
 D.
 (11) AU-B-2019252817
 (21) 2019252817 (22) 12.04.2019
 (54) Purification of clinoptilolite
 (51) Int. Cl.
 B01D 21/00 (2006.01)
 B01D 21/02 (2006.01)
 B03B 5/28 (2006.01)
 B03B 5/62 (2006.01)
 B03B 5/64 (2006.01)
 B03B 7/00 (2006.01)
 B03B 9/00 (2006.01)
 C01B 39/00 (2006.01)
 C01B 39/02 (2006.01)
 C01B 39/26 (2006.01)
 (87) WO2019/200278
 (31) 62/656,554 (32) 12.04.18 (33) US
 (43) 17.10.2019
 (44) 20.07.2023
 (72) MORRIS, Shayne K.; HARB, Firas S.;
 PHILLIPS, Warren P.; POMPA, Daniel
 (74) Davies Collison Cave Pty Ltd
-
- (71) Rhea Genetics Pte. Ltd.
 (11) AU-B-2018207033
 (21) 2018207033 (22) 10.01.2018
 (54) Compounds and compositions
 (51) Int. Cl.
 A61P 31/04 (2006.01)
 A61K 31/221 (2006.01)
 A61P 31/10 (2006.01)
 A61P 31/12 (2006.01)
 A61P 31/20 (2006.01)
 A61P 31/22 (2006.01)
 C07C 229/24 (2006.01)
 C07C 229/26 (2006.01)
 (87) WO2018/132066
 (31) 1700404.5 (32) 10.01.17 (33) GB
 (43) 19.07.2018
-
- (71) Qualcomm Incorporated
 (11) AU-B-2019221559
 (21) 2019221559 (22) 14.02.2019
 (54) Feedback of beam switch time capabil-
 ity
 (51) Int. Cl.
 H04B 7/06 (2006.01)
 H04B 7/08 (2006.01)
 (87) WO2019/161008
 (31) 62/710,456 (32) 16.02.18 (33) US
 62/633,068 20.02.18 US
 16/274,359 13.02.19 US
 (43) 22.08.2019
 (44) 20.07.2023
 (72) ZHOU, Yan; LUO, Tao; GHEORGHIU,
 Valentin Alexandru; CHALLA, Raghu;
 HE, Ruhua; LI, Yong; VINTOLA, Timo
 Ville
 (74) Madderns Pty Ltd
-
- Rager-Aguiar, D.J. see Le Dévédec, F.
 (21) 2021202965
-
- (71) Raytheon Company
 (11) AU-B-2019228500
 (21) 2019228500 (22) 27.02.2019
 (54) Snap-RF interconnections
 (51) Int. Cl.
 H05K 1/02 (2006.01)
 H01P 11/00 (2006.01)
 H01R 13/62 (2006.01)
 H05K 1/14 (2006.01)
 H05K 3/40 (2006.01)
 (87) WO2019/168992
 (31) 62/636,364 (32) 28.02.18 (33) US
 (43) 06.09.2019
 (44) 20.07.2023
 (72) SIKINA, Thomas V.; BENEDICT, James
 E.; HAVEN, John P.; SOUTHWORTH,
 Andrew R.; AZADZOL, Semira M.
 (74) RnB IP Pty Ltd
-
- (71) Raytheon Company
 (11) AU-B-2019292004
 (21) 2019292004 (22) 06.05.2019
 (54) Flight vehicle engine inlet with internal
 diverter, and method of configuring
 (51) Int. Cl.
 B64C 30/00 (2006.01)
 B64D 33/02 (2006.01)
 F02C 7/04 (2006.01)
 (87) WO2020/005387
 (31) 16/019,720 (32) 27.06.18 (33) US
 (43) 02.01.2020
 (44) 20.07.2023
 (72) O'BRIEN, Timothy F.
 (74) RnB IP Pty Ltd

Applications Accepted - Name Index cont'd

(44) 20.07.2023
 (72) Babikyan, Gaik; Jiaravanon, Benjamin
 (74) Davies Collison Cave Pty Ltd

(71) Rigaku Corporation
 (11) AU-B-2018315828
 (21) 2018315828 (22) 18.05.2018
 (54) Crystal-phase quantitative analysis device, crystal-phase quantitative analysis method, and crystal-phase quantitative analysis program
 (51) Int. Cl.
G01N 23/2055 (2018.01)
G01N 23/207 (2018.01)
 (87) WO2019/031019
 (31) 2017-154292 (32) 09.08.17 (33) JP
 (43) 14.02.2019
 (44) 20.07.2023
 (72) TORAYA, Hideo; MUROYAMA, Norihiro
 (74) FB Rice Pty Ltd

(71) Romico Hold A.V.V.
 (11) AU-B-2018271034
 (21) 2018271034 (22) 01.05.2018
 (54) Rotational absorber device and method for scrubbing an absorbate from a gas
 (51) Int. Cl.
B01D 53/18 (2006.01)
B01D 3/28 (2006.01)
B01D 3/30 (2006.01)
 (87) WO2018/212643
 (31) 2018925 (32) 16.05.17 (33) NL
 (43) 22.11.2018
 (44) 20.07.2023
 (72) Brouwers, Jozef Johannes Hubertus
 (74) Spruson & Ferguson

(71) Royal Melbourne Institute of Technology
 (11) AU-B-2018355897
 (21) 2018355897 (22) 26.10.2018
 (54) Method and device for acoustically mediated intracellular delivery
 (51) Int. Cl.
B06B 1/06 (2006.01)
A61M 11/00 (2006.01)
 (87) WO2019/079857
 (31) 2017904333 (32) 26.10.17 (33) AU
 (43) 02.05.2019
 (44) 20.07.2023
 (72) RAMESAN, Shwathy; REZK, Amgad; YEO, Leslie
 (74) FAL PATENTS PTY LTD

(71) Rs Arastirma Egitim Danismanlik Ilac Sanayi Ticaret Anonim Sirketi
 (11) AU-B-2017362067
 (21) 2017362067 (22) 16.11.2017
 (54) Self-assembled diblock copolymers composed of pegmema and drug bearing polymeric segments
 (51) Int. Cl.
A61K 47/58 (2017.01)
A61K 47/60 (2017.01)
A61P 35/00 (2006.01)
C08F 220/28 (2006.01)
 (87) WO2018/092048

(31) 1619372.4 (32) 16.11.16 (33) GB
 (43) 24.05.2018
 (44) 20.07.2023
 (72) Sanyal, Rana; Sanyal, Amitav; Kaga, Sadik
 (74) Madderns Pty Ltd

Ruckh, T.T. see Le Dévédec, F.
 (21) 2021202965

(71) Ruprecht-Karls-Universität Heidelberg
 (11) AU-B-2018325362
 (21) 2018325362 (22) 29.08.2018
 (54) Rationally designed virus-like particles for modulation of chimeric antigen receptor (CAR)-T-cell therapy
 (51) Int. Cl.
C07K 14/005 (2006.01)
 (87) WO2019/043081
 (31) 17188336.6 (32) 29.08.17 (33) EP
 (43) 07.03.2019
 (44) 20.07.2023
 (72) SCHMIDT, Patrick; UHRIG-SCHMIDT, Silke; ZÖRNIG, Inka; DOLL, Krysten; MÜLLER, Oliver; JÄGER, Dirk
 (74) Spruson & Ferguson

(71) SAF-Holland GmbH
 (11) AU-B-2020319821
 (21) 2020319821 (22) 28.07.2020
 (54) Kingpin arrangement
 (51) Int. Cl.
B62D 53/08 (2006.01)
B62D 53/12 (2006.01)
 (87) WO2021/018863
 (31) 10 2019 120 437.2 (32) 29.07.19 (33) DE
 (43) 04.02.2021
 (44) 20.07.2023
 (72) KÖSTER, Mario Sebastian
 (74) Ahearn Fox

(71) SAIDIAN, S.
 (11) AU-B-2021452413
 (21) 2021452413 (22) 25.06.2021
 (54) A STUD WALL RESTRAINT SYSTEM FOR IN-PLANE BUILDING MOVEMENT ISOLATION
 (51) Int. Cl.
E04B 1/24 (2006.01)
E04B 2/58 (2006.01)
E04B 2/76 (2006.01)
 (87) WO2022/266694
 (43) 29.12.2022
 (44) 20.07.2023
 (72) SAIDIAN, Sasan
 (74) Patentec Patent Attorneys

(71) SAMSUNG ELECTRONICS CO., LTD.
 (11) AU-B-2022204103
 (21) 2022204103 (22) 13.06.2022
 (54) Electronic device including antenna module
 (51) Int. Cl.
H04M 1/02 (2006.01)
H01Q 1/24 (2006.01)
H04B 1/40 (2015.01)

(43) 30.06.2022
 (44) 20.07.2023
 (62) 2019352407
 (72) MOON, Heecheul; SEOK, Sangyoup; SON, Kwonho
 (74) Griffith Hack

(71) Sanofi Pasteur Vaxdesign Corp.
 (11) AU-B-2017325009
 (21) 2017325009 (22) 07.09.2017
 (54) In vitro neonatal biomimetic (NMIMIC) model and methods of using same
 (51) Int. Cl.
C12N 5/0781 (2010.01)
C12N 5/0783 (2010.01)
C12N 5/0784 (2010.01)
G01N 33/00 (2006.01)
G01N 33/50 (2006.01)
 (87) WO2018/048988
 (31) 62/384,897 (32) 08.09.16 (33) US
 (43) 15.03.2018
 (44) 20.07.2023
 (72) Gomes, Evan; Kamala, Tirumalai; Mosquera, Luis; Wittman, Vaughan; Warren, William; Moser, Janice; Drake, Donald
 (74) Spruson & Ferguson

(71) Savox Communications Oy Ab (Ltd)
 (11) AU-B-2018221282
 (21) 2018221282 (22) 15.02.2018
 (54) Adaptable mounting system for mounting one or more accessory devices to a helmet
 (51) Int. Cl.
A42B 3/04 (2006.01)
F41H 1/04 (2006.01)
 (87) WO2018/150097
 (31) 17156580.7 (32) 17.02.17 (33) EP
 (43) 23.08.2018
 (44) 20.07.2023
 (72) Havola, Jaakko
 (74) Davies Collison Cave Pty Ltd

(71) Schneider Electric Industries SAS
 (11) AU-B-2018250356
 (21) 2018250356 (22) 15.10.2018
 (54) FEMALE CONNECTOR COMPRISING AN OPENING FOR ENGAGEMENT WITH A MALE CONNECTOR EQUIPPED WITH A GATE FOR CLOSING SAID OPENING
 (51) Int. Cl.
H01R 24/64 (2011.01)
 (31) 1759794 (32) 18.10.17 (33) FR
 (43) 02.05.2019
 (44) 20.07.2023
 (72) Correia, Arthur
 (74) Madderns Pty Ltd

(71) Schreder S.A.
 (11) AU-B-2019250427
 (21) 2019250427 (22) 10.04.2019
 (54) Compact luminaire head
 (51) Int. Cl.
F21S 8/08 (2006.01)
F21V 5/00 (2018.01)
F21V 29/76 (2015.01)

Applications Accepted - Name Index cont'd

F21Y 105/10 (2016.01)
 F21Y 115/10 (2016.01)
 (87) WO2019/197489
 (31) 20185239 (32) 10.04.18 (33) BE
 (43) 17.10.2019
 (44) 20.07.2023
 (72) DAMHAUT, Luc
 (74) Golja Haines & Friend

(71) Schur Technology A/S
 (11) AU-B-2018241892
 (21) 2018241892 (22) 27.03.2018
 (54) Bag web and method and equipment
 for packing items
 (51) Int. Cl.
 B65B 43/12 (2006.01)
 B65B 7/02 (2006.01)
 B65B 43/26 (2006.01)
 (87) WO2018/177490
 (31) PA 2017 70218 (32) 27.03.17 (33) DK
 (43) 04.10.2018
 (44) 20.07.2023
 (72) Pape, Henrik
 (74) Spruson & Ferguson

(71) SciSparc Ltd
 (11) AU-B-2021206784
 (21) 2021206784 (22) 19.07.2021
 (54) Combinations of cannabinoids and N-
 acylethanolamines
 (51) Int. Cl.
 A61K 31/352 (2006.01)
 A61K 31/38 (2006.01)
 A61K 45/06 (2006.01)
 A61P 25/04 (2006.01)
 A61P 25/18 (2006.01)
 (43) 12.08.2021
 (44) 20.07.2023
 (62) 2016254685
 (72) SHMULEWITZ, Ascher; HABER, Elran;
 BRENER, Ephraim
 (74) Griffith Hack

(71) Shanghai Tolo Biotechnology Company
 Limited
 (11) AU-B-2019280305
 (21) 2019280305 (22) 03.06.2019
 (54) Use of high-temperature-resistant Cas
 protein, and method and reagent kit for
 detecting target nucleic acid molecule
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 (87) WO2019/233385
 (31) 201810560284.8 (32) 03.06.18 (33) CN
 (43) 12.12.2019
 (44) 20.07.2023
 (72) LI, Shiyuan; WANG, Jin
 (74) FB Rice Pty Ltd

(71) Shenzhen Institutes of Advanced Tech-
 nology
 (11) AU-B-2020437435
 (21) 2020437435 (22) 26.03.2020
 (54) ADVERSARIAL IMAGE GENERATION
 METHOD, APPARATUS, DEVICE,
 AND READABLE STORAGE MEDIUM
 (51) Int. Cl.

G06F 21/36 (2013.01)
 (87) WO2021/189364
 (43) 30.09.2021
 (44) 20.07.2023
 (72) YU, Jiaao; PENG, Lei; LI, Huiyun
 (74) LAMINAR IP PTY LTD

(71) SHORELOC DESIGN GROUP, INC.
 (11) AU-B-2021358846
 (21) 2021358846 (22) 25.08.2021
 (54) MASONRY BLOCK
 (51) Int. Cl.
 E02D 29/02 (2006.01)
 E04B 2/00 (2006.01)
 (87) WO2022/076096
 (31) 17/066,656 (32) 09.10.20 (33) US
 (43) 14.04.2022
 (44) 20.07.2023
 (72) STELL, Jason
 (74) Spruson & Ferguson

(71) Siemens Mobility GmbH
 (11) AU-B-2021232733
 (21) 2021232733 (22) 15.09.2021
 (54) Vehicle-based device for receiving in-
 formation from a track-based transmis-
 sion device
 (51) Int. Cl.
 B61L 3/12 (2006.01)
 B61L 27/00 (2006.01)
 (43) 14.10.2021
 (44) 20.07.2023
 (62) 2018361042
 (72) LIEBIG, Andreas
 (74) Spruson & Ferguson

(71) Simpson Strong-Tie Company, Inc.
 (11) AU-B-2018210421
 (21) 2018210421 (22) 19.01.2018
 (54) Drift clip
 (51) Int. Cl.
 E04B 1/24 (2006.01)
 (87) WO2018/136824
 (31) 15/411,829 (32) 20.01.17 (33) US
 (43) 26.07.2018
 (44) 20.07.2023
 (72) Daudet, Larry Randall; Nguyen, Hien
 (74) Spruson & Ferguson

(71) Simpson Strong-Tie Company Inc.
 (11) AU-B-2017248452
 (21) 2017248452 (22) 17.10.2017
 (54) Predrill Guide Tool And Methods
 (51) Int. Cl.
 B23B 47/28 (2006.01)
 E04F 15/02 (2006.01)
 E04G 21/16 (2006.01)
 (31) 15/398,308 (32) 04.01.17 (33) US
 62/425,496 22.11.16 US
 (43) 07.06.2018
 (44) 20.07.2023
 (72) BRIGHAM, Gueary Andrew
 (74) WRAYS PTY LTD

(71) Smith & Nephew, Inc.
 (11) AU-B-2018213039

(21) 2018213039 (22) 22.01.2018
 (54) Surgical limb positioning apparatus
 (51) Int. Cl.
 A61G 13/00 (2006.01)
 A61F 5/04 (2006.01)
 A61F 5/37 (2006.01)
 (87) WO2018/140346
 (31) 62/449,724 (32) 24.01.17 (33) US
 (43) 02.08.2018
 (44) 20.07.2023
 (72) Catacchio, Anthony; Zahynacz, Daniel;
 Obendorf, Will; Smith, Graham
 (74) Davies Collison Cave Pty Ltd

(71) Societe des Produits Nestle S.A.
 (11) AU-B-2018251756
 (21) 2018251756 (22) 04.04.2018
 (54) Stand-up packaging
 (51) Int. Cl.
 B65D 75/52 (2006.01)
 (87) WO2018/189004
 (31) 17166025.1 (32) 11.04.17 (33) EP
 (43) 18.10.2018
 (44) 20.07.2023
 (72) Veit, Benjamin; Ellenrieder, Michael
 (74) Spruson & Ferguson

(71) Soletanche Freyssinet
 (11) AU-B-2017396982
 (21) 2017396982 (22) 03.02.2017
 (54) A structural cable having an inner hous-
 ing
 (51) Int. Cl.
 E01D 19/16 (2006.01)
 D07B 1/14 (2006.01)
 (87) WO2018/142174
 (43) 09.08.2018
 (44) 20.07.2023
 (72) Fabry, Nicolas; Guesdon, Matthieu; So-
 let, Ronan; Alpman, Ihsan Aydin; Güzel,
 Müslüm
 (74) FPA Patent Attorneys Pty Ltd

(71) Somfy Activites SA
 (11) AU-B-2020409697
 (21) 2020409697 (22) 18.12.2020
 (54) Electromechanical actuator for black-
 out or sun-shading device and blackout
 or sun-shading installation comprising
 such an actuator
 (51) Int. Cl.
 E06B 9/32 (2006.01)
 E06B 9/322 (2006.01)
 (87) WO2021/123176
 (31) FR1915012 (32) 19.12.19 (33) FR
 (43) 24.06.2021
 (44) 20.07.2023
 (72) LAGARDE, Eric; DUPIELET, Norbert;
 TOLLANCE, Thierry
 (74) Davies Collison Cave Pty Ltd

(71) SOMFY ACTIVITES SA
 (11) AU-B-2021370223
 (21) 2021370223 (22) 25.10.2021
 (54) METHOD FOR CONTROLLING THE
 OPERATION OF A SHADING DEVICE,
 AND ASSOCIATED SHADING DEVICE

Applications Accepted - Name Index cont'd

(51) Int. Cl.
E06B 9/68 (2006.01)
E06B 9/72 (2006.01)
(87) WO2022/090174
(31) FR2010953 (32) 26.10.20 (33) FR
(43) 05.05.2022
(44) 20.07.2023
(72) BRUNO, Serge; FAURE, David;
ROUSSEAU, Fabien; MUGNIER, Dav-
id; TINE, Damien; BOSSE, Ben
(74) Davies Collison Cave Pty Ltd

(71) Somnology, Inc.
(11) AU-B-2018211007
(21) 2018211007 (22) 17.01.2018
(54) System and method for sleep disorder
diagnosis and treatment
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/0205 (2006.01)
A61B 5/08 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1455 (2006.01)
(87) WO2018/136501
(31) 15/413,130 (32) 23.01.17 (33) US
(43) 26.07.2018
(44) 20.07.2023
(72) Lim, Melissa Susann
(74) Collison & Co

(71) Spraying Systems Co.
(11) AU-B-2022203997
(21) 2022203997 (22) 09.06.2022
(54) Sanitary rotary tank cleaning apparatus
(51) Int. Cl.
B02B 3/02 (2006.01)
B08B 3/02 (2006.01)
B08B 9/08 (2006.01)
B08B 9/093 (2006.01)
(43) 30.06.2022
(44) 20.07.2023
(62) 2016349383
(72) HOFFMEYER, Scott; NAGINEVICIUS,
Digna
(74) Spruson & Ferguson

(71) Steelcase Inc.
(11) AU-B-2019276924
(21) 2019276924 (22) 23.05.2019
(54) Seating arrangement
(51) Int. Cl.
A47C 1/03 (2006.01)
A47C 7/00 (2006.01)
A47C 7/54 (2006.01)
(87) WO2019/229601
(31) 62/679,357 (32) 01.06.18 (33) US
(43) 05.12.2019
(44) 20.07.2023
(72) DEEVERS, Nikolaus William Charles;
HEIDMANN, Kurt R.; PETERSON,
Gordon J.; HOLDREDGE, Russell T.;
BROCK, Nathan R.
(74) WRAYS PTY LTD

Stevens, D.M. see Le Dévédec, F.
(21) 2021202965

(71) Subsea 7 Norway AS
(11) AU-B-2018253883
(21) 2018253883 (22) 18.04.2018
(54) Subsea processing of crude oil
(51) Int. Cl.
E21B 43/36 (2006.01)
(87) WO2018/193004
(31) 1706110.2 (32) 18.04.17 (33) GB
(43) 25.10.2018
(44) 20.07.2023
(72) Daasvatn, Sigbjørn; Sathananthan,
Ratnam
(74) Allens Patent & Trade Mark Attorneys

(71) Suez International
(11) AU-B-2018346562
(21) 2018346562 (22) 04.10.2018
(54) Method for biological treatment of nitro-
gen of effluents by nitrification
(51) Int. Cl.
C02F 3/30 (2006.01)
C02F 101/16 (2006.01)
(87) WO2019/069031
(31) 17 59306 (32) 04.10.17 (33) FR
(43) 11.04.2019
(44) 20.07.2023
(72) CALIGARIS, Marc; SAUR, Thibaut;
MOZO, Irène
(74) Spruson & Ferguson

(71) SUNLIGHTEN, INC.
(11) AU-B-2021409007
(21) 2021409007 (22) 26.03.2021
(54) LOW EMF INFRARED RADIANT PAN-
EL
(51) Int. Cl.
H05B 3/26 (2006.01)
(87) WO2022/139862
(31) 202011568541.6 (32) 25.12.20 (33) CN
(43) 30.06.2022
(44) 20.07.2023
(72) LEE, Jui-Hsing; ZACK, Aaron, Michael;
STEVENS, Dustin
(74) Madderns Pty Ltd

(71) Taiyuan University of Technology
(11) AU-B-2017401570
(21) 2017401570 (22) 03.03.2017
(54) Steel wire rope suspension device, con-
trol method and multi-rope friction lifting
system
(51) Int. Cl.
B66B 7/06 (2006.01)
(87) WO2018/157385
(43) 07.09.2018
(44) 20.07.2023
(72) Kou, Ziming; Wu, Juan; Kou, Baofu;
Wang, Haiqing; Cheng, Aiming; Kou,
Shaokai
(74) FB Rice Pty Ltd

(71) Technip Process Technology, Inc.
(11) AU-B-2018301466
(21) 2018301466 (22) 12.07.2018
(54) Device for gas solids fluidized system
to enhance stripping
(51) Int. Cl.

B01J 8/34 (2006.01)
B01J 8/00 (2006.01)
B01J 19/32 (2006.01)
C10G 11/18 (2006.01)
(87) WO2019/014502
(31) 15/649,729 (32) 14.07.17 (33) US
(43) 17.01.2019
(44) 20.07.2023
(72) Maller, Alexander; Gbordzoe, Eusebius
Anku
(74) Davies Collison Cave Pty Ltd

(71) Technological Resources Pty. Limited;
The University of Western Australia
(11) AU-B-2019373096
(21) 2019373096 (22) 31.10.2019
(54) A method and system for sample clas-
sification
(51) Int. Cl.
E21B 47/00 (2012.01)
E21B 49/00 (2006.01)
G01V 1/28 (2006.01)
G01V 1/40 (2006.01)
G01V 3/18 (2006.01)
G01V 3/38 (2006.01)
G01V 5/12 (2006.01)
G01V 99/00 (2009.01)
(87) WO2020/087131
(31) 2018904128 (32) 31.10.18 (33) AU
(43) 07.05.2020
(44) 20.07.2023
(72) GREEN, Thomas; HOLDEN, Eun-Jung;
WEDGE, Daniel; HARTLEY, Owen;
MCMICKAN, Andrew
(74) Griffith Hack

(71) Tectraum, Inc.
(11) AU-B-2019237880
(21) 2019237880 (22) 24.01.2019
(54) System and method for cooling or heat-
ing a human body part
(51) Int. Cl.

A61F 7/00 (2006.01)
A61F 5/00 (2006.01)
A61F 7/02 (2006.01)
A61F 7/08 (2006.01)
A61F 7/10 (2006.01)
(87) WO2019/182682
(31) 15/934,201 (32) 23.03.18 (33) US
(43) 26.09.2019
(44) 20.07.2023
(72) MAKAROV, Sergey; ERTEL, Jason R.;
BOLL, David J.
(74) Caska Intellectual Property Pty Ltd

(71) Ten Cate Thiolon B.V.
(11) AU-B-2017367529
(21) 2017367529 (22) 30.11.2017
(54) Split resistant fibre
(51) Int. Cl.
D02G 3/44 (2006.01)
D01D 5/253 (2006.01)
E01C 13/08 (2006.01)
(87) WO2018/101827
(31) 2017901 (32) 30.11.16 (33) NL
(43) 07.06.2018

Applications Accepted - Name Index cont'd

- (44) 20.07.2023
 (72) Van Voorst, Gerjan; Pfeiffer, Frank; Kolkman, Niels Gerhardus
 (74) AJ PARK
-
- (71) Tencent America LLC
 (11) AU-B-2020412559
 (21) 2020412559 (22) 15.10.2020
 (54) Method for parameter set reference in coded video stream
 (51) Int. Cl.
H04N 11/02 (2006.01)
 (87) WO2021/133459
 (31) 62/954,099 (32) 27.12.19 (33) US
 17/063,060 05.10.20 US
 (43) 01.07.2021
 (44) 20.07.2023
 (72) CHOI, Byeongdo; LIU, Shan; WENGER, Stephan
 (74) Golja Haines & Friend
-
- (71) Tencent Technology (Shenzhen) Company Limited
 (11) AU-B-2021250927
 (21) 2021250927 (22) 24.08.2021
 (54) Virtual item control method and apparatus, terminal, and storage medium
 (51) Int. Cl.
G06F 3/048 (2013.01)
 (87) WO2022/048476
 (31) 202010923419.X (32) 04.09.20 (33) CN
 (43) 24.03.2022
 (44) 20.07.2023
 (72) WU, Shengyu; TIAN, Cong; QIU, Meng; HE, Jingjing; ZOU, Dancheng; LIU, Boyi; CUI, Weijian; LI, Yi
 (74) Davies Collison Cave Pty Ltd
-
- (71) Tendo Ab
 (11) AU-B-2018289227
 (21) 2018289227 (22) 19.06.2018
 (54) Device for moving an arm and a method of operating the device
 (51) Int. Cl.
B25J 9/00 (2006.01)
A61F 5/01 (2006.01)
A61H 1/02 (2006.01)
B25J 9/10 (2006.01)
B25J 9/16 (2006.01)
B25J 13/08 (2006.01)
B25J 17/00 (2006.01)
B25J 19/02 (2006.01)
B25J 19/06 (2006.01)
 (87) WO2018/236279
 (31) 1750781-5 (32) 19.06.17 (33) SE
 (43) 27.12.2018
 (44) 20.07.2023
 (72) Woge, Sofie; Gustafsson, Robin; Renmarker, Pontus; Nielsen, Sarawut
 (74) Griffith Hack
-
- The Board of Regents of the University of Texas System see *Regulus Therapeutics Inc.*
 (21) 2017372695
-
- (71) The Board of Trustees of the Leland Stanford Junior University
 (11) AU-B-2018278211
 (21) 2018278211 (22) 29.05.2018
 (54) Ultrastable rechargeable manganese battery with solid-liquid-gas reactions
 (51) Int. Cl.
H01M 12/08 (2006.01)
H01M 4/52 (2010.01)
H01M 4/66 (2006.01)
H01M 4/92 (2006.01)
H01M 8/0234 (2016.01)
H01M 14/00 (2006.01)
 (87) WO2018/222609
 (31) 62/513,373 (32) 31.05.17 (33) US
 (43) 06.12.2018
 (44) 20.07.2023
 (72) Chen, Wei; Cui, Yi
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) The Brigham and Women's Hospital, Inc.
 (11) AU-B-2018279728
 (21) 2018279728 (22) 08.06.2018
 (54) Methods and compositions for identifying epitopes
 (51) Int. Cl.
C12N 5/10 (2006.01)
C07K 14/74 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/02 (2006.01)
C12Q 1/68 (2018.01)
C40B 20/04 (2006.01)
 (87) WO2018/227091
 (31) 62/516,977 (32) 08.06.17 (33) US
 (43) 13.12.2018
 (44) 20.07.2023
 (72) Haj Dezfulian, Mohammad; Elledge, Stephen; Kula, Tomasz
 (74) RnB IP Pty Ltd
-
- (71) The Brigham and Women's Hospital, Inc.; Massachusetts Eye And Ear Infirmary
 (11) AU-B-2021215131
 (21) 2021215131 (22) 10.08.2021
 (54) BIOADHESIVE FOR CORNEAL REPAIR
 (51) Int. Cl.
A61L 27/52 (2006.01)
 (43) 23.09.2021
 (44) 20.07.2023
 (62) 2017217454
 (72) Khademhosseini, Ali; Annabi, Nasim; Kheirkhahh, Ahmad; Dana, Reza
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology
 (11) AU-B-2017253089
 (21) 2017253089 (22) 19.04.2017
 (54) Novel CRISPR enzymes and systems
 (51) Int. Cl.
C12N 9/22 (2006.01)
 (87) WO2017/184768
 (31) 62/351,558 (32) 17.06.16 (33) US
 62/360,765 11.07.16 US
-
- (43) 26.10.2017
 (44) 20.07.2023
 (72) Zhang, Feng; Zetsche, Bernd; Gao, Linyi; Slaymaker, Ian; Cox, David Benjamin Turitz
 (74) Phillips Ormonde Fitzpatrick
-
- (71) The Broad Institute, Inc.; Massachusetts Institute of Technology
 (11) AU-B-2017253107
 (21) 2017253107 (22) 19.04.2017
 (54) CPF1 complexes with reduced indel activity
 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C12N 15/63 (2006.01)
 (87) WO2017/184786
 (31) 62/324,834 (32) 19.04.16 (33) US
 (43) 26.10.2017
 (44) 20.07.2023
 (72) Zhang, Feng; Zetsche, Bernd; Yan, Winston; Sanjana, Neville Espi; Jones, Sara
 (74) Phillips Ormonde Fitzpatrick
-
- (71) The KMN Fulfilment Trust
 (11) AU-B-2021272454
 (21) 2021272454 (22) 07.05.2021
 (54) An electric generator having plural stators
 (51) Int. Cl.
H02K 16/04 (2006.01)
H02K 1/27 (2006.01)
H02K 19/20 (2006.01)
H02K 19/24 (2006.01)
H02K 21/12 (2006.01)
H02K 21/14 (2006.01)
H02K 21/16 (2006.01)
 (87) WO2021/229391
 (31) 2020/02703 (32) 13.05.20 (33) ZA
 (43) 18.11.2021
 (44) 20.07.2023
 (72) MAKGERU, Kabu, Walter
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) The NOCO Company
 (11) AU-B-2020403281
 (21) 2020403281 (22) 08.12.2020
 (54) Jump starting device with a jump start current sharing system, and a jump start current sharing method
 (51) Int. Cl.
H02J 7/00 (2006.01)
H02J 1/00 (2006.01)
H02J 7/04 (2006.01)
H02J 7/14 (2006.01)
 (87) WO2021/119656
 (31) 62/945,496 (32) 09.12.19 (33) US
 (43) 17.06.2021
 (44) 20.07.2023
 (72) STANFIELD, James Richard; DAVIDSON, Andrea Carolina; AGRAWAL, Nitish
 (74) Griffith Hack

Applications Accepted - Name Index cont'd

(71) The NOCO Company
 (11) AU-B-2022200448
 (21) 2022200448 (22) 24.01.2022
 (54) Rechargeable battery jump starting device with battery detection system
 (51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/12 (2006.01)
F02N 11/14 (2006.01)
 (43) 17.02.2022
 (44) 20.07.2023
 (62) 2018337954
 (72) NOOK, Jonathan Lewis; NOOK, William Knight; STANFIELD, James Richard; UNDERHILL, Derek Michael
 (74) Griffith Hack

(71) The NOCO Company
 (11) AU-B-2022200449
 (21) 2022200449 (22) 24.01.2022
 (54) Rechargeable battery jump starting device with depleted or discharged battery pre-conditioning system
 (51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/12 (2006.01)
F02N 11/14 (2006.01)
 (43) 17.02.2022
 (44) 20.07.2023
 (62) 2018338196
 (72) NOOK, Jonathan Lewis; NOOK, William Knight; STANFIELD, James Richard; UNDERHILL, Derek Michael
 (74) Griffith Hack

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA see THE REGENTS OF THE UNIVERSITY OF MICHIGAN
 (21) 2020206777

(71) THE REGENTS OF THE UNIVERSITY OF MICHIGAN; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
 (11) AU-B-2020206777
 (21) 2020206777 (22) 09.01.2020
 (54) Porous material with microscale features
 (51) Int. Cl.
A61L 27/56 (2006.01)
B29C 59/02 (2006.01)
C08J 5/18 (2006.01)
 (87) WO2020/146658
 (31) 62/790,178 (32) 09.01.19 (33) US
 (43) 16.07.2020
 (44) 20.07.2023
 (72) TUSZYNSKI, Mark H.; SAKAMOTO, Jeffrey S.; PAWELEC, Kendell M.; KOFFLER, Yacov M.; SAILOR, Michael; ZUIDEMA, Jonathan
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) The Scripps Research Institute
 (11) AU-B-2021204635
 (21) 2021204635 (22) 01.07.2021

(54) Stem cell cultures
 (51) Int. Cl.
C07D 513/02 (2006.01)
 (43) 29.07.2021
 (44) 20.07.2023
 (62) 2019210531
 (72) XU, Yue; DING, Sheng
 (74) Spruson & Ferguson

(71) The United States of America, as represented by the Secretary, Department of Health and Human Services
 (11) AU-B-2019222477
 (21) 2019222477 (22) 15.02.2019
 (54) Non-aggregating heptamethine cyanine fluorophores for in vivo imaging
 (51) Int. Cl.
A61K 49/00 (2006.01)
C07D 209/12 (2006.01)
C09K 11/06 (2006.01)
G01N 33/533 (2006.01)
G01N 33/58 (2006.01)
 (87) WO2019/161159
 (31) 62/631,390 (32) 15.02.18 (33) US
 (43) 22.08.2019
 (44) 20.07.2023
 (72) SCHNERMANN, Martin John; LU-CIANO, Michael Philip; NANI, Roger Rauhauser
 (74) Phillips Ormonde Fitzpatrick

The University of North Carolina at Chapel Hill see Redbud Labs, Inc.
 (21) 2018289391

The University of Western Australia see Technological Resources Pty. Limited
 (21) 2019373096

Thor, S. see Thor, A.
 (21) 2018265885

(71) Thor, A.; Thor, S.
 (11) AU-B-2018265885
 (21) 2018265885 (22) 12.05.2018
 (54) Methods and apparatus for human anatomical orthoses
 (51) Int. Cl.
A61F 5/01 (2006.01)
 (87) WO2018/209332
 (31) 15/977,880 (32) 11.05.18 (33) US
 62/625,893 02.02.18 US
 62/505,740 12.05.17 US
 (43) 15.11.2018
 (44) 20.07.2023
 (72) Thor, Arni; Thor, Shireen
 (74) Gestalt Law Pty Ltd

thyssenkrupp AG see thyssenkrupp Industrial Solutions AG
 (21) 2021208299

(71) thyssenkrupp Industrial Solutions AG; thyssenkrupp AG
 (11) AU-B-2021208299
 (21) 2021208299 (22) 08.01.2021
 (54) Device and method for milling input material
 (51) Int. Cl.
B02C 4/32 (2006.01)
B02C 4/02 (2006.01)
 (87) WO2021/144191
 (31) 10 2020 200 404.8 (32) 14.01.20 (33) DE
 2020/5022 14.01.20 BE
 10 2020 200 401.3 14.01.20 DE
 2020/5020 14.01.20 BE
 10 2020 200 402.1 14.01.20 DE
 2020/5023 14.01.20 BE
 (43) 22.07.2021
 (44) 20.07.2023
 (72) GUERRERO PALMA, Pedro
 (74) Griffith Hack

(71) TNBT HOLDINGS PTY LTD
 (11) AU-B-2021204205
 (21) 2021204205 (22) 22.06.2021
 (54) A Lock
 (51) Int. Cl.
E05B 13/00 (2006.01)
E05B 55/12 (2006.01)
 (31) 2020902594 (32) 24.07.20 (33) AU
 (43) 10.02.2022
 (44) 20.07.2023
 (72) Butt, Simon; Ngan, Frankie
 (74) Chrysiliou IP

(71) Topstar GmbH
 (11) AU-B-2021232673
 (21) 2021232673 (22) 14.09.2021
 (54) Connecting element for a piece of furniture, plug-in system comprising such a connecting element and a method of assembling a piece of furniture
 (51) Int. Cl.
A47B 96/06 (2006.01)
A47B 96/14 (2006.01)
A47B 96/20 (2006.01)
F16B 12/32 (2006.01)
F16B 12/38 (2006.01)
 (31) 10 2020 123 839.8 (32) 14.09.20 (33) DE
 (43) 31.03.2022
 (44) 20.07.2023
 (72) Diez, Stefan
 (74) Spruson & Ferguson

(71) Toshiba Carrier Corporation
 (11) AU-B-2020431710
 (21) 2020431710 (22) 27.02.2020
 (54) EQUIPMENT MANAGEMENT APPARATUS AND EQUIPMENT MANAGEMENT SCREEN GENERATING METHOD
 (51) Int. Cl.
G05B 23/02 (2006.01)
F24F 11/52 (2018.01)
H04M 11/00 (2006.01)
H04Q 9/00 (2006.01)
 (87) WO2021/171484
 (43) 02.09.2021

Applications Accepted - Name Index cont'd

- (44) 20.07.2023
 (72) SAKURAI Koichiro; KAWAI Hidemitsu; IKEDA Ryusuke; YOSHIHARA Hiroto
 (74) Spruson & Ferguson
-
- (71) Transitions Optical, Ltd.
 (11) AU-B-2017444616
 (21) 2017444616 (22) 28.12.2017
 (54) Method for measuring optical characteristics of a transparent article
 (51) Int. Cl.
G01N 21/59 (2006.01)
G01M 11/02 (2006.01)
G02B 1/04 (2006.01)
G02C 7/04 (2006.01)
 (87) WO2019/129348
 (43) 04.07.2019
 (44) 20.07.2023
 (72) BLACKBURN, Forrest R.; HAZLE, Joshua
 (74) MINTER ELLISON
-
- (71) Treeway TW001 B.V.
 (11) AU-B-2017394478
 (21) 2017394478 (22) 06.07.2017
 (54) Medical treatment comprising enteral administration of edaravone
 (51) Int. Cl.
A61K 9/14 (2006.01)
A61K 9/08 (2006.01)
A61K 9/16 (2006.01)
A61K 31/4152 (2006.01)
A61K 47/02 (2006.01)
A61K 47/18 (2017.01)
 (87) WO2018/133957
 (31) 17151741.0 (32) 17.01.17 (33) EP
 (43) 26.07.2018
 (44) 20.07.2023
 (72) Moolenaar, Sytske Hyke
 (74) Griffith Hack
-
- (71) Twisted Sun Innovations, Inc.
 (11) AU-B-2021221915
 (21) 2021221915 (22) 27.08.2021
 (54) Gas storage device with inner diaphragm holding the adsorbent
 (51) Int. Cl.
F17C 11/00 (2006.01)
 (43) 23.09.2021
 (44) 20.07.2023
 (62) 2017269142
 (72) KERNENE, Nicolas
 (74) Griffith Hack
-
- (71) UNIKUM THERAPEUTICS APS
 (11) AU-B-2021350078
 (21) 2021350078 (22) 22.09.2021
 (54) METHODS FOR TREATING CANCER AND AUTOIMMUNE AND INFLAMMATORY DISEASES
 (51) Int. Cl.
A61K 35/15 (2015.01)
A61K 39/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
A61P 37/06 (2006.01)

- C07K 16/28* (2006.01)
C12N 5/0784 (2010.01)
 (87) WO2022/063818
 (31) 2014920.9 (32) 22.09.20 (33) GB
 (43) 31.03.2022
 (44) 20.07.2023
 (72) BAK, Rasmus Otkjær; JAKOBSEN, Martin Roelsgaard; LAUSTSEN, Anders; NIELSEN, Ulrik
 (74) James & Wells Intellectual Property
-
- (71) Unilever Global IP Limited
 (11) AU-B-2020286014
 (21) 2020286014 (22) 22.05.2020
 (54) Capsule and cap assembly for a concentrated refill capsule
 (51) Int. Cl.
B05B 11/00 (2006.01)
B65D 81/32 (2006.01)
 (87) WO2020/239612
 (31) 19176490.1 (32) 24.05.19 (33) EP
 (43) 03.12.2020
 (44) 20.07.2023
 (72) DEN BOER, Sebastiaan Wilhelmus Josephus; BOOKELMANN, Matthijs Lucas; RAMON, Willem; ZWARTKRUIS, Sjoerd Bastiaan
 (74) Davies Collison Cave Pty Ltd
-
- (71) Unity Biotechnology, Inc.; Buck Institute for Research on Aging
 (11) AU-B-2018314280
 (21) 2018314280 (22) 13.08.2018
 (54) Treatment of ophthalmic conditions such as macular degeneration, glaucoma, and diabetic retinopathy using pharmaceutical agents that eliminate senescent cells
 (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/13 (2006.01)
A61P 27/02 (2006.01)
 (87) WO2019/033119
 (31) 62/579,793 (32) 31.10.17 (33) US
 15/675,171 11.08.17 US
 (43) 14.02.2019
 (44) 20.07.2023
 (72) HOPKINS, Jill; TSURUDA, Pam; CHAPMAN, Claude; SWEIGARD, Harry; POON, Yan; MARQUESS, Daniel; DAVID, Nathaniel; DANANBERG, Jamie; LABERGE, Remi-Martin
 (74) FB Rice Pty Ltd
-
- (71) Universität Zürich
 (11) AU-B-2017351810
 (21) 2017351810 (22) 30.10.2017
 (54) Protein screening and detection method
 (51) Int. Cl.
C12N 15/10 (2006.01)
C07K 16/12 (2006.01)
C12N 15/62 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2018/078167
 (31) 16196571.0 (32) 31.10.16 (33) EP
 (43) 03.05.2018

- (44) 20.07.2023
 (72) Seeger, Markus; Egloff, Pascal; Zimmermann, Iwan
 (74) Spruson & Ferguson
-
- (71) University of Central Florida Research Foundation, Inc.
 (11) AU-B-2018273963
 (21) 2018273963 (22) 25.05.2018
 (54) Novel oncolytic viruses for sensitizing tumor cells to killing by natural killer cells
 (51) Int. Cl.
C12N 15/86 (2006.01)
A61K 35/761 (2015.01)
C07K 14/705 (2006.01)
 (87) WO2018/218151
 (31) 62/511,010 (32) 25.05.17 (33) US
 (43) 29.11.2018
 (44) 20.07.2023
 (72) Parks, Griff; Copik, Alicja
 (74) FB Rice Pty Ltd
-
- UNIVERSITY OF KENTUCKY see CASE
 WESTERN RESERVE UNIVERSITY
 (21) 2021204985
-
- (71) URFlash LLC
 (11) AU-B-2018355545
 (21) 2018355545 (22) 26.10.2018
 (54) Media storage device including multiple partitions
 (51) Int. Cl.
G06F 3/06 (2006.01)
 (87) WO2019/084479
 (31) 16/172,281 (32) 26.10.18 (33) US
 62/577,518 26.10.17 US
 (43) 02.05.2019
 (44) 20.07.2023
 (72) RUCCIA, Robert
 (74) Spruson & Ferguson
-
- (71) Veris Industries, LLC
 (11) AU-B-2018279036
 (21) 2018279036 (22) 14.12.2018
 (54) Energy metering for a building
 (51) Int. Cl.
G01R 22/10 (2006.01)
 (31) 62/598,814 (32) 14.12.17 (33) US
 (43) 04.07.2019
 (44) 20.07.2023
 (72) Cook, Martin
 (74) FB Rice Pty Ltd
-
- (71) Vertex Pharmaceuticals Incorporated
 (11) AU-B-2018375186
 (21) 2018375186 (22) 30.11.2018
 (54) Processes for making modulators of cystic fibrosis transmembrane conductance regulator
 (51) Int. Cl.
C07D 215/56 (2006.01)
C07B 59/00 (2006.01)
C07C 33/18 (2006.01)
C07C 69/96 (2006.01)
 (87) WO2019/109021

Applications Accepted - Name Index cont'd

(31) 17382829.4 (32) 01.12.17 (33) EP
 (43) 06.06.2019
 (44) 20.07.2023
 (72) LEMERCIER LEWANDOWSKI,
 Berenice; LEWIS, Robert; LOOKER,
 Adam; MORGAN, Adam; ROEPER,
 Stefanie; RYAN, Michael; SOLSONA
 ROCABERT, Juan, Gabriel; WILDE,
 Nathan
 (74) AJ PARK

(71) ViaCyte, Inc.
 (11) AU-B-2016429418
 (21) 2016429418 (22) 10.11.2016
 (54) PDX1 pancreatic endoderm cells in cell
 delivery devices and methods thereof
 (51) Int. Cl.
 A61B 17/00 (2006.01)
 A61F 2/00 (2006.01)
 A61F 2/02 (2006.01)
 A61K 9/00 (2006.01)
 A61L 27/36 (2006.01)
 A61L 27/38 (2006.01)
 A61M 31/00 (2006.01)
 (87) WO2018/089011
 (43) 17.05.2018
 (44) 20.07.2023
 (72) D'Amour, Kevin Allen; Kroon, Evert;
 Scott, Michael; Martinson, Laura; Mc-
 Greevy, Craig
 (74) RnB IP Pty Ltd

(71) VisCardia, Inc.
 (11) AU-B-2021269285
 (21) 2021269285 (22) 15.11.2021
 (54) IMPLANTABLE MEDICAL DEVICES
 AND METHODS FOR REAL-TIME
 OR NEAR REAL-TIME ADJUST-
 MENT OF DIAPHRAGMATIC STIM-
 ULATION PARAMETERS TO AF-
 FECT PRESSURES WITHIN THE IN-
 TRATHORACIC CAVITY
 (51) Int. Cl.
 A61N 1/36 (2006.01)
 A61N 1/362 (2006.01)
 A61B 5/00 (2006.01)
 A61B 5/0205 (2006.01)
 A61B 5/0215 (2006.01)
 A61B 5/03 (2006.01)
 A61N 1/365 (2006.01)
 (43) 09.12.2021
 (44) 20.07.2023
 (62) 2017258306
 (72) Bauer, Peter T.; Chinchoy, Edward;
 Snell, Jay
 (74) BOSH IP Pty Ltd

(71) Vivo Mobile Communication Co., Ltd.
 (11) AU-B-2020327518
 (21) 2020327518 (22) 14.08.2020
 (54) Relay resection method, device and
 medium
 (51) Int. Cl.
 H04W 40/22 (2009.01)
 (87) WO2021/027926
 (31) 201910754814.7 (32) 15.08.19 (33) CN
 (43) 18.02.2021

(44) 20.07.2023
 (72) LIANG, Jing; YANG, Xiaodong
 (74) Adams Pluck

(71) W. L. Gore & Associates, Inc.
 (11) AU-B-2022201113
 (21) 2022201113 (22) 18.02.2022
 (54) Substrate with rotatable struts for med-
 ical device
 (51) Int. Cl.
 A61F 2/92 (2013.01)
 A61B 17/221 (2006.01)
 A61F 2/00 (2006.01)
 A61F 2/848 (2013.01)
 A61F 2/91 (2013.01)
 A61F 2/07 (2013.01)
 A61F 2/24 (2006.01)
 A61F 2/915 (2013.01)
 A61F 2/958 (2013.01)
 (43) 10.03.2022
 (44) 20.07.2023
 (62) 2020286300
 (72) GASSLER, Paul D.; FRIEDMAN, Nath-
 an L.; STEINHAUS, Bruce M.; CULLY,
 Edward H.; DUNCAN, Jeffrey B.
 (74) Griffith Hack

(71) Warby Parker Inc.
 (11) AU-B-2020336048
 (21) 2020336048 (22) 25.08.2020
 (54) Virtual fitting systems and methods for
 spectacles
 (51) Int. Cl.
 G02C 7/00 (2006.01)
 (87) WO2021/041386
 (31) 16/550,614 (32) 26.08.19 (33) US
 (43) 04.03.2021
 (44) 20.07.2023
 (72) GOLDBERG, David Howard; ZACH-
 RITZ, Hannah; DUFFY, Taylor Alexan-
 dra; LAUNDY, Sasha
 (74) FB Rice Pty Ltd

(71) West Pharma. Services IL, Ltd.
 (11) AU-B-2020265821
 (21) 2020265821 (22) 13.01.2020
 (54) Liquid transfer device with dual lumen
 IV spike
 (51) Int. Cl.
 A61J 1/20 (2006.01)
 A61M 5/162 (2006.01)
 (87) WO2020/222220
 (31) 62/840,620 (32) 30.04.19 (33) US
 (43) 05.11.2020
 (44) 20.07.2023
 (72) BAR-EL, Yossi; FABRIKANT, Elisheva;
 BEN SHALOM, Niv
 (74) RnB IP Pty Ltd

(71) WILUS INSTITUTE OF STANDARDS
 AND TECHNOLOGY INC.
 (11) AU-B-2020407738
 (21) 2020407738 (22) 21.12.2020
 (54) Video signal processing method and
 device therefor
 (51) Int. Cl.
 H04N 19/70 (2014.01)

H04N 19/11 (2014.01)
 H04N 19/119 (2014.01)
 H04N 19/132 (2014.01)
 H04N 19/172 (2014.01)
 H04N 19/593 (2014.01)
 (87) WO2021/125912
 (31) 10-2019-0171788 (32) 20.12.19 (33) KR
 10-2020-0041255 04.04.20 KR
 10-2020-0050377 24.04.20 KR
 (43) 24.06.2021
 (44) 20.07.2023
 (72) KIM, Dongcheol; JUNG, Jaehong; KO,
 Geonjung; SON, Juhung; KWAK, Jin-
 sam
 (74) AJ PARK

(71) Wombat Timbers Pty Ltd
 (11) AU-B-2022259733
 (21) 2022259733 (22) 25.10.2022
 (54) SYSTEM AND METHOD FOR UN-
 LOADING A SHIPPING CONTAINER
 (51) Int. Cl.
 B65G 41/00 (2006.01)
 B65G 67/24 (2006.01)
 B60P 1/64 (2006.01)
 (31) 18/048,938 (32) 24.10.22 (33) US
 (43) 20.07.2023
 (44) 20.07.2023
 (72) Walters, Donald Jeffrey; Walters, Becky
 Jane
 (74) FOUNDRY INTELLECTUAL PROP-
 ERTY PTY LTD

(71) Wuxi Life Fountain Biotech Co., Ltd.
 (11) AU-B-2020301443
 (21) 2020301443 (22) 24.06.2020
 (54) Heterocyclo alkyl compounds used as
 ccr2/ccr5 antagonist
 (51) Int. Cl.
 A61K 31/395 (2006.01)
 A61P 3/00 (2006.01)
 C07D 225/06 (2006.01)
 C07D 403/12 (2006.01)
 (87) WO2020/259620
 (31) 201910554176.4 (32) 24.06.19 (33) CN
 (43) 30.12.2020
 (44) 20.07.2023
 (72) LUO, Yunfu; BA, Yuyong; CHEN,
 Yanhe; CHEN, Shuhui
 (74) Remarkable IP

(71) Xidian University
 (11) AU-B-2022204569
 (21) 2022204569 (22) 28.06.2022
 (54) METHOD FOR MULTI-AGENT DY-
 NAMIC PATH PLANNING
 (51) Int. Cl.
 G05D 1/02 (2020.01)
 G05D 1/12 (2006.01)
 G06F 17/00 (2019.01)
 (31) 202110924688.2 (32) 12.08.21 (33) CN
 (43) 02.03.2023
 (44) 20.07.2023
 (72) CAI, Xuelian; ZHENG, Jing; FU, Xiao;
 TAN, Zihang
 (74) Remarkable IP

Applications Accepted - Name Index cont'd

(71) Xinjiang Goldwind Science & Technology Co., Ltd.
 (11) AU-B-2020397366
 (21) 2020397366 (22) 26.05.2020
 (54) Method and device for controlling generator-side terminal voltage of converter, and controller of converter
 (51) Int. Cl.
H02P 9/14 (2006.01)
 (87) WO2021/109494
 (31) 201911241766.8 (32) 06.12.19 (33) CN
 (43) 10.06.2021
 (44) 20.07.2023
 (72) WANG, Jinpeng; GUO, Rui; LV, Liangnian
 (74) Madderns Pty Ltd

(71) Yeda Research and Development Co. Ltd.
 (11) AU-B-2019214587
 (21) 2019214587 (22) 31.01.2019
 (54) Endoplasmic reticulum targeting signal
 (51) Int. Cl.
C07K 14/435 (2006.01)
 (87) WO2019/150373
 (31) 257269 (32) 31.01.18 (33) IL
 (43) 08.08.2019
 (44) 20.07.2023
 (72) GERST, Jeffrey E.; LIM, Lisha Qiu Jin; PILPEL, Yitzhak; OLENDER, Tsviya; DAHARY, Dvir; COHEN-ZONTAG, Osnat
 (74) Griffith Hack

(71) YUAN MEI CORP.
 (11) AU-B-2017210514
 (21) 2017210514 (22) 01.08.2017
 (54) FAUCET CONNECTOR
 (51) Int. Cl.
F16K 11/22 (2006.01)
 (43) 21.02.2019
 (44) 20.07.2023
 (72) LO, Shun-Nan
 (74) AJ PARK

(71) Yuyama MFG. Co., Ltd.
 (11) AU-B-2018302834
 (21) 2018302834 (22) 18.07.2018
 (54) Solid preparation subdividing apparatus and solid preparation selling method
 (51) Int. Cl.
A61J 3/00 (2006.01)
 (87) WO2019/017358
 (31) 2017-140622 (32) 20.07.17 (33) JP
 (43) 24.01.2019
 (44) 20.07.2023
 (72) Yuyama, Hiroyuki
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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2016348840	Probiotix Health Limited	2018241892	Schur Technology A/S
2016376356	Centre National de la Recherche Scientifique - CNRS -; Commissariat à l'Énergie Atomique et aux Énergies Alternatives - CEA -	2018246310	Artoss GmbH
2016429418	ViaCyte, Inc.	2018250356	Schneider Electric Industries SAS
2017210514	YUAN MEI CORP.	2018251756	Societe des Produits Nestle S.A.
2017219010	OZKOR Pty. Ltd.; Capral Limited	2018253883	Subsea 7 Norway AS
2017225350	Oxford Genetics Limited	2018260909	Barracuda Environmental Solutions Inc.
2017248452	Simpson Strong-Tie Company Inc.	2018265885	Thor, A.; Thor, S.
2017251983	BioNTech SE	2018271034	Romico Hold A.V.V.
2017253089	The Broad Institute, Inc.; Massachusetts Institute of Technology	2018273963	University of Central Florida Research Foundation, Inc.
2017253107	The Broad Institute, Inc.; Massachusetts Institute of Technology	2018278211	The Board of Trustees of the Leland Stanford Junior University
2017265024	Deere & Company	2018279036	Veris Industries, LLC
2017277304	Cepheid	2018279728	The Brigham and Women's Hospital, Inc.
2017277565	Mazourik, S.	2018288004	Petit Pli Limited
2017304293	Agri-Spread	2018289227	Tendo Ab
2017313806	Orbis Health Solutions LLC	2018289391	Redbud Labs, Inc.; The University of North Carolina at Chapel Hill
2017325009	Sanofi Pasteur Vaxdesign Corp.	2018291052	Aquanta Inc.
2017326347	Children's Medical Center Corporation	2018297572	Aer Beatha Limited
2017329902	Aer Beatha Limited	2018301466	Technip Process Technology, Inc.
2017346492	AgJunction LLC	2018301809	Axine Water Technologies Inc.
2017347595	HealthUp Sp. z o.o.	2018302834	Yuyama MFG. Co., Ltd.
2017351810	Universität Zürich	2018303330	Fastbrick IP Pty Ltd
2017353112	QinetiQ Limited	2018307756	Centripetal Limited
2017362067	Rs Arastirma Egitim Danismanlik Ilac Sanayi Ticaret Anonim Sirketi	2018309726	Medos International Sàrl
2017362331	Giner Life Sciences, Inc.	2018314280	Unity Biotechnology, Inc.; Buck Institute for Research on Aging
2017365438	Dometic Sweden AB	2018315828	Rigaku Corporation
2017367529	Ten Cate Thiolon B.V.	2018317485	Caroma Industries Limited
2017372695	Regulus Therapeutics Inc.; The Board of Regents of the University of Texas System	2018325362	Ruprecht-Karls-Universität Heidelberg
2017376731	AlXLens GmbH	2018343320	Effebi S.P.A.
2017382837	Linde Aktiengesellschaft	2018346321	InterDigital VC Holdings, Inc.
2017382934	BASF SE	2018346562	Suez International
2017388136	Advanced Medical Solutions Limited	2018346569	DiagDev
2017394478	Treeway TW001 B.V.	2018351875	De La Rue International Limited
2017396982	Soletanche Freyssinet	2018355545	URFlash LLC
2017401570	Taiyuan University of Technology	2018355897	Royal Melbourne Institute of Technology
2017423261	Prysmian S.p.A.	2018372918	BASF SE
2017428934	Adagene Inc.	2018375186	Vertex Pharmaceuticals Incorporated
2017443717	Halliburton Energy Services, Inc.	2018375287	EOS Energy Technology Holdings, LLC
2017444616	Transitions Optical, Ltd.	2018380979	argenx BVBA
2018201178	Deere & Company	2018438788	Active Tools International (HK) Ltd.
2018204593	Kennametal Inc.	2018440297	Huawei Technologies Co., Ltd.
2018207033	Rhea Genetics Pte. Ltd.	2019204126	GN Hearing A/S
2018208822	Expro North Sea Limited	2019207468	Bissell Inc.
2018210218	Becton Dickinson and Company Limited	2019214587	Yeda Research and Development Co. Ltd.
2018210421	Simpson Strong-Tie Company, Inc.	2019219312	GRANULAR THERAPEUTICS LIMITED
2018211007	Somnology, Inc.	2019221559	Qualcomm Incorporated
2018211020	Kellogg Company	2019222477	The United States of America, as represented by the Secretary, Department of Health and Human Services
2018211427	EcoFuel Technologies Ltd	2019226622	OMV Downstream GmbH
2018212810	Legacy Ventures LLC	2019228500	Raytheon Company
2018213039	Smith & Nephew, Inc.	2019233783	BAE Systems PLC
2018213890	OSE Immunotherapeutics	2019237880	Tectraum, Inc.
2018216893	Consensus Orthopedics, Inc.	2019247776	CommScope Technologies LLC
2018217684	Fresenius Vial SAS	2019250427	Schreder S.A.
2018219427	Alerje, Inc.	2019252817	Revelation Health LLC; MORRIS, S.K.; HARB, F.S.; PHILLIPS, W.P.; POMPA, D.
2018221282	Savox Communications Oy Ab (Ltd)	2019261433	Geosyntec Consultants, Inc.
2018226085	DSM IP Assets B.V.	2019274654	Pfizer Inc.
2018227019	Nyxoah S.A.	2019276924	Steelcase Inc.
2018230985	I.C. Medical, Inc.	2019277210	Matter Up Pty Ltd
2018231118	Regal Beloit America, Inc.	2019280305	Shanghai Tolo Biotechnology Company Limited
2018234572	Murphy, S.	2019282316	BioNTech SE
2018234628	Cue Biopharma, Inc.	2019292004	Raytheon Company
2018240865	Kobayashi Pharmaceutical Co., Ltd.	2019315328	DNA Global Industries Pty Ltd
2018241072	Integra LifeSciences Switzerland Sarl	2019327360	Liquid Instruments Pty. Ltd.
		2019333309	Formulated Solutions, LLC

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2019364717	C4X Discovery Limited	2020407738	WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.
2019364883	Huawei Technologies Co., Ltd.	2020409697	Somfy Activites SA
2019373096	Technological Resources Pty. Limited; The University of Western Australia	2020410356	metamorphosis GmbH
2019400384	Kubota Corporation	2020412559	Tencent America LLC
2019401055	Maichen, S.D.	2020418832	Repligen Corporation
2019411076	Inventio AG	2020431710	Toshiba Carrier Corporation
2019418679	Poketdream Inc.	2020437435	Shenzhen Institutes of Advanced Technology
2019429755	Iterum Therapeutics International Limited	2021202089	Allergan Industrie, SAS
2019454248	Motorola Solutions, Inc	2021202553	LADANYI, R.
2019454505	Ildong Pharmaceutical Co., Ltd.	2021202606	DIVERSITECH CORPORATION
2019474874	MagAssist, Inc.	2021202611	Deere & Company
2020206777	THE REGENTS OF THE UNIVERSITY OF MICHIGAN; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2021202965	Le Dévédec, F.; Allen, C.J.; Stevens, D.M.; Rager-Aguiar, D.J.; Ruckh, T.T.; Elmquist, C.E.
2020209330	LG Electronics Inc.	2021203005	Dexcom, Inc.
2020217461	McKeown, P.	2021203053	Lavermicocca, G.
2020223364	Hexion Inc.	2021204120	MedicalTree Patent Ltd
2020225795	LG Electronics Inc.	2021204128	Nevro Corporation
2020230273	implantcast GmbH	2021204205	TNBT HOLDINGS PTY LTD
2020231886	Kabushiki Kaisha Toyota Jidoshokki	2021204285	China Bambino Prezioso Co., Ltd.
2020235041	Nicoventures Trading Limited	2021204635	The Scripps Research Institute
2020235397	Nicoventures Trading Limited	2021204648	PLF International Limited
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2020245070	ReCarbon, Inc.	2021205017	Accenture Global Solutions Limited
2020246953	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.; Herrenknecht AG	2021206784	SciSparc Ltd
2020253566	Dormakaba USA Inc.	2021208299	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG
2020262057	International Business Machines Corporation	2021210923	Enphase Energy, Inc.
2020265821	West Pharma. Services IL, Ltd.	2021212114	Apple Inc.
2020267278	Janssen Vaccines & Prevention B.V.	2021215131	The Brigham and Women's Hospital, Inc.; Massachusetts Eye And Ear Infirmary
2020273330	Monsanto Technology LLC	2021221473	ConMed Corporation
2020275488	Attabotics Inc.	2021221915	Twisted Sun Innovations, Inc.
2020276522	Huawei Technologies Co., Ltd.	2021225235	Bayer HealthCare LLC
2020278806	Nyxoah SA	2021225776	Motorola Solutions, Inc.
2020280677	Kyndryl, Inc.	2021226758	Liveperson, Inc.
2020283173	Asahi Kasei Kabushiki Kaisha	2021229225	Angel Group Co., Ltd.
2020286014	Unilever Global IP Limited	2021229247	Angel Group Co., Ltd.
2020295566	NeoVasc Tiara Inc.	2021232673	Topstar GmbH
2020297401	Nubiz Plastic (Nantong) Co., Ltd	2021232725	Lemonex Inc.
2020301331	Colgate-Palmolive Company	2021232733	Siemens Mobility GmbH
2020301443	Wuxi Life Fountain Biotech Co., Ltd.	2021241522	Look For The Power, LLC.
2020304356	Eli Lilly and Company	2021243288	IHI Corporation
2020315959	Ball Corporation	2021245135	Institute of Zoology, Guangdong Academy of Sciences
2020319821	SAF-Holland GmbH	2021245136	JC Medical, Inc.
2020322059	Boston Scientific Scimed, Inc.	2021249948	Cosmed Pharmaceutical Co., Ltd.
2020323981	Chinthala, V.R.	2021250879	Pearson, J.
2020324805	Primeteh, AS	2021250906	Ilias Biologics Inc.
2020326302	MAS Innovation (Private) Limited	2021250927	Tencent Technology (Shenzhen) Company Limited
2020327508	Huawei Technologies Co., Ltd.	2021258843	JMackem Co., Ltd
2020327518	Vivo Mobile Communication Co., Ltd.	2021261839	BRISTOL-MYERS SQUIBB COMPANY
2020332813	OAM Photonics LLC	2021261929	Alcoa USA Corp.
2020336048	Warby Parker Inc.	2021269285	VisCardia, Inc.
2020338796	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2021271835	CFOAM LLC
2020346707	NVIDIA Corporation	2021272454	The KMN Fulfilment Trust
2020362582	CJ Cheiljedang Corporation	2021273796	International Business Machines Corporation
2020364266	Colgate-Palmolive Company	2021273879	Canaan Creative Co., Ltd.
2020366138	Nicoventures Trading Limited	2021282469	Illumina, Inc.; Illumina Cambridge Limited
2020366736	Morinaga Milk Industry Co., Ltd.	2021286269	Massachusetts Institute of Technology
2020373330	Nokia Technologies Oy	2021286304	Credo Diagnostics Biomedical Pte. Ltd.
2020375960	Broadenbio Co., Ltd.	2021286423	Intra-Cellular Therapies, Inc.
2020377303	Mitsubishi Heavy Industries Engineering, Ltd.	2021290277	Intra-Cellular Therapies, Inc.
2020393659	Nippon Steel Corporation; JFE Steel Corporation; Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.); Nippon Steel Engineering Co., Ltd.	2021290378	MFTB Holdco, Inc.
2020397366	Xinjiang Goldwind Science & Technology Co., Ltd.	2021290404	NTT DOCOMO, INC.
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		2021308639	Gregg Drilling, LLC
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2021338496	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN
2021338586	Nanjing Chervon Industry Co., Ltd.
2021350078	UNIKUM THERAPEUTICS APS
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2022200505	Angel Group Co., Ltd.
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2022202161	BELX BIO-PHARMACEUTICAL (TAIWAN) CORPORA- TION
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2022202746	Mayo Foundation for Medical Education and Research; IMDS LLC
2022202932	AVALYN PHARMA INC.
2022203548	Caterpillar Inc.
2022203997	Spraying Systems Co.
2022204035	Nilo Limited
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2022204211	JW Pharmaceutical Corporation
2022204569	Xidian University
2022204624	Bluebeam, Inc.
2022205223	Institute for Information Industry
2022205410	CCB SUBSEA AS
2022235614	Apple Inc.
2022256094	Evrys Bio, LLC
2022259733	Wombat Timbers Pty Ltd
2022315394	LIER CHEMICAL CO., LTD.

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A01D 45 /-	A42B 3 /-	2018230985	2018240865	2018234628	2020265821
2017265024	2018221282	A61B 34 /-	2020265821	A61K 49 /-	2021225235
A01G 25 /-	A44C 21 /-	2018234572	A61J 3 /-	2019222477	A61M 60 /-
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2020273330	2017365438	2017347595	2017372695	2021202089	2018227019
A01H 3 /-	A45F 3 /-	2018211007	2017394478	2022204211	2020278806
2020273330	2017365438	2018216893	2018207033	A61K 9 /-	2021204128
A01K 31 /-	A46B 13 /-	2021203005	20182226085	2016429418	2021269285
2021250879	2019207468	2021269285	2019364717	2017326347	2021364429
A01N 25 /-	A47B 96 /-	2022205223	2019429755	2017394478	A61P 1 /-
2020400015	2021232673	2022235614	2020301443	2018213890	2019454505
A01N 31 /-	A47C 1 /-	A61B 50 /-	2020375960	2019429755	A61P 13 /-
2021245135	2019276924	2018219427	2021204814	2021232725	2017372695
A01N 63 /-	A47C 7 /-	A61B 90 /-	2021204985	A61L 27 /-	A61P 15 /-
2021245135	2019276924	2017388136	2021206784	2016429418	2021204814
A01N 65 /-	A47J 31 /-	2018234572	2021258843	2018246310	A61P 17 /-
2020323981	2021338496	2020410356	2021261839	2020206777	2021204985
A01P 21 /-	A47J 37 /-	A61F 13 /-	2021286423	2020322059	2022204211
2020323981	2019401055	2020326302	2021290277	2021215131	A61P 21 /-
A01P 7 /-	A47J 45 /-	A61F 2 /-	2022202161	A61M 11 /-	A61P 21 /-
2021245135	2019418679	2016429418	2022202932	2018355897	2022202161
A23K 20 /-	A47L 11 /-	2018212810	2022204211	A61M 13 /-	A61P 25 /-
2018226085	2019315328	2020295566	2022256094	2017362331	2019429755
A23K 50 /-	A47L 15 /-	2020322059	A61K 35 /-	A61M 15 /-	2021206784
2018226085	2020225795	2021221473	2016348840	2018297572	A61P 27 /-
A23L 33 /-	A47L 5 /-	2021245136	2017313806	A61M 27 /-	2018314280
2019454505	2019207468	2022201113	2018213806	2018241072	A61P 29 /-
2020366736	A47L 9 /-	A61F 5 /-	2018213890	2021204120	A61P 29 /-
A24F 40 /-	A47L 11 /-	2018213039	2018273963	A61M 29 /-	2019429755
2020235041	2020209330	2018265885	2019454505	2021204120	2019454505
2020235397	A61B 17 /-	2018289227	2020366736	A61M 31 /-	2021204985
2020366138	2016429418	2019237880	2021350078	2018297572	2021258843
A41B 11 /-	2017388136	2020217461	A61K 36 /-	A61M 27 /-	2021261839
2017277565	2018212810	A61F 7 /-	2022202161	2018241072	2021350078
	2018309726	2019237880	A61K 38 /-	2021204120	A61P 3 /-
	2021204120	A61G 13 /-	2017313806	A61M 35 /-	2016348840
	2022201113	2018213039	2018213890	2018240865	2020301443
		A61H 1 /-	2018314280	A61M 37 /-	A61P 31 /-
		2018289227	2019219312	2021249948	2018207033
		A61H 31 /-	2019282316	A61M 39 /-	2019429755
		2021204120	2021250906	2018210218	2022256094
			A61K 39 /-	A61M 5 /-	A61P 35 /-
			2017313806	2017362331	2017362067
			2018213890		2019274654
			2018314280		
			2019219312		
			2019282316		
			2021250906		
			A61K 47 /-		
			2017326347		
			2017362067		
			2017394478		

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2020375960 2021350078	<u>B01D 53 /-</u>	<u>B03B 7 /-</u>	2018303330 2020275488	2021204285	<u>B65D 25 /-</u>
<u>A61P 37 /-</u>	2018271034 2020377303 2021243288	2019252817	<u>B25J 9 /-</u>	<u>B60P 1 /-</u>	2020315959
2018380979 2021350078	<u>B01D 61 /-</u>	<u>B03B 9 /-</u>	2018289227 2018303330 2020209330 2020275488	2017304293 2020275488 2022259733	<u>B65D 47 /-</u>
<u>A61P 39 /-</u>	2020283173	2019252817	<u>B05B 11 /-</u>	<u>B61L 27 /-</u>	2020297401
2022202161	<u>B01D 63 /-</u>	2020286014	2020286014	2021232733	2018240865
<u>A61Q 11 /-</u>	2020283173 2020418832	<u>B05B 7 /-</u>	2022204035	<u>B61L 3 /-</u>	<u>B65D 61 /-</u>
2020364266	<u>B01D 69 /-</u>	2017329902	<u>B28B 1 /-</u>	2021232733	2017219010
<u>A61Q 19 /-</u>	2020283173	<u>B06B 1 /-</u>	2021271835	<u>B62B 7 /-</u>	<u>B65D 75 /-</u>
2021202089	<u>B01D 71 /-</u>	2018355897	<u>B29C 43 /-</u>	2019315328	2018251756
<u>A61Q 7 /-</u>	2020283173	<u>B08B 17 /-</u>	2022204035	<u>B62D 1 /-</u>	<u>B65D 77 /-</u>
2022204211	<u>B01F 23 /-</u>	2021202606	<u>B29C 59 /-</u>	2017346492	2018211020
<u>A62C 5 /-</u>	2021241522	<u>B08B 3 /-</u>	2020206777	<u>B62D 11 /-</u>	<u>B65D 81 /-</u>
2018260909	<u>B01J 19 /-</u>	2022203997	<u>B29C 64 /-</u>	2017353112	2020286014
<u>A63F 1 /-</u>	2018211427 2018301466 2021286269	<u>B08B 9 /-</u>	2021202553	<u>B62D 25 /-</u>	<u>B65D 83 /-</u>
2022200505	<u>B01J 23 /-</u>	2022203997	<u>B29D 11 /-</u>	2019400384	2017329902
<u>A63F 11 /-</u>	2019226622	<u>B09C 1 /-</u>	2017376731	<u>B62D 49 /-</u>	<u>B65D 85 /-</u>
2019356918	<u>B01J 27 /-</u>	2019261433	<u>B32B 21 /-</u>	2019400384	2018211020
<u>A63F 3 /-</u>	2019226622	<u>B21K 21 /-</u>	2022204035	<u>B62D 5 /-</u>	<u>B65G 1 /-</u>
2021229225 2021229247 2022200505	<u>B01J 35 /-</u>	2019233783	<u>B33Y 30 /-</u>	2017346492	2020275488
<u>A63F 9 /-</u>	2019226622	<u>B22F 3 /-</u>	2021202553	<u>B62D 53 /-</u>	<u>B65G 15 /-</u>
2021203053 2021229225 2021229247	<u>B01J 37 /-</u>	2017376731	<u>B33Y 40 /-</u>	2020319821	2017304293
<u>A63H 17 /-</u>	2019226622	<u>B23B 47 /-</u>	2021202553	<u>B64C 30 /-</u>	<u>B65G 17 /-</u>
2019315328	<u>B01J 8 /-</u>	2017248452	2017376731	2019292004	2018231118
<u>A63H 33 /-</u>	2018301466 2021286269	<u>B23K 103 /-</u>	<u>B41M 5 /-</u>	<u>B64D 33 /-</u>	<u>B65G 21 /-</u>
2021203053	<u>B01L 3 /-</u>	2017376731	2018351875	2019292004	2017382837
<u>B01D 21 /-</u>	2018289391 2018372918 2021286304	<u>B23K 26 /-</u>	<u>B42D 25 /-</u>	2017219010	2017304293
2019252817	<u>B01L 9 /-</u>	2017376731	2018351875	<u>B65B 27 /-</u>	<u>B65G 41 /-</u>
<u>B01D 27 /-</u>	2020209330	<u>B25J 11 /-</u>	2018351875	2017219010	2022259733
2021338496	<u>B02B 3 /-</u>	<u>B25J 13 /-</u>	2019400384	<u>B65B 31 /-</u>	<u>B65G 47 /-</u>
<u>B01D 29 /-</u>	2021286304	2018289227	<u>B60K 1 /-</u>	2021204648	2018231118
2020418832 2021338496	<u>B02C 4 /-</u>	<u>B25J 17 /-</u>	2017353112	<u>B65B 43 /-</u>	<u>B65G 67 /-</u>
<u>B01D 3 /-</u>	2022203997	2018289227	<u>B60K 17 /-</u>	2018241892	2022259733
2018271034	<u>B03B 5 /-</u>	<u>B25J 19 /-</u>	2017353112	<u>B65B 7 /-</u>	<u>B66B 1 /-</u>
<u>B01D 35 /-</u>	2021208299	2018289227 2020209330	<u>B60K 7 /-</u>	2018241892	2019411076
2021338496	2019252817	<u>B25J 5 /-</u>	2017353112	<u>B65D 17 /-</u>	<u>B66B 25 /-</u>
			<u>B60N 2 /-</u>	2020315959	2019411076

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<u>B66B 7 /-</u>	2019226622		<u>C09K 11 /-</u>	<u>C25B 1 /-</u>	<u>E02D 29 /-</u>
2017401570	<u>C07C 33 /-</u>	<u>C07F 9 /-</u>	2019222477	2017362331	2021358846
<u>B67D 3 /-</u>	2018375186	2022315394	<u>C09K 3 /-</u>	<u>C25B 15 /-</u>	<u>E04B 1 /-</u>
2017382934	<u>C07C 69 /-</u>	<u>C07H 1 /-</u>	2019333309	2017362331	2018210421
<u>B67D 7 /-</u>	2018375186	2020362582	<u>C09K 5 /-</u>	2018301809	2021452413
2017382934	<u>C07C 9 /-</u>	<u>C07H 19 /-</u>	2019333309	<u>C25B 9 /-</u>	<u>E04B 2 /-</u>
<u>C01B 33 /-</u>	2021243288	2020362582	<u>C09K 8 /-</u>	2017362331	2019277210
2021232725	<u>C07D 209 /-</u>	<u>C07K 14 /-</u>	2020223364	<u>C40B 20 /-</u>	2021358846
<u>C01B 39 /-</u>	2019222477	2017225350	<u>C10G 11 /-</u>	2018279728	2021452413
2019252817	<u>C07D 215 /-</u>	2018234628	2018301466	<u>C40B 30 /-</u>	<u>E04B 5 /-</u>
<u>C02F 1 /-</u>	2018375186	2018273963	<u>C10G 15 /-</u>	2017428934	2019277210
2018301809	<u>C07D 225 /-</u>	2018279728	2018211427	<u>C40B 40 /-</u>	<u>E04C 2 /-</u>
2021338496	2020301443	2018325362	<u>C11D 1 /-</u>	2017428934	2019277210
<u>C02F 101 /-</u>	<u>C07D 241 /-</u>	2019214587	2020400015	<u>C40B 50 /-</u>	<u>E04C 3 /-</u>
2018346562	2021290277	2019282316	<u>C12M 1 /-</u>	2017428934	2019277210
<u>C02F 3 /-</u>	<u>C07D 401 /-</u>	2020267278	2018372918	<u>D01D 5 /-</u>	<u>E04C 5 /-</u>
2018346562	2021258843	2021250906	<u>C12N 1 /-</u>	2017367529	2019277210
<u>C04B 35 /-</u>	<u>C07D 403 /-</u>	<u>C07K 16 /-</u>	2019282316	<u>D02G 3 /-</u>	<u>E04F 15 /-</u>
2021261929	2019364717	2017351810	2020241910	2017367529	2017248452
<u>C04B 7 /-</u>	2020301443	2017428934	<u>C12N 15 /-</u>	<u>D05B 1 /-</u>	<u>E04G 21 /-</u>
2021271835	2021261839	2018380979	2017225350	2022202440	2017248452
<u>C05G 1 /-</u>	<u>C07D 413 /-</u>	2019219312	2017251983	<u>D05B 47 /-</u>	2018303330
2020323981	2019364717	2019274654	2017253107	2022202440	<u>E05B 13 /-</u>
<u>C07B 59 /-</u>	<u>C07D 417 /-</u>	2021350078	2017277304	2022202440	2021204205
2018375186	2019364717	<u>C08B 37 /-</u>	2017351810	<u>D05B 49 /-</u>	<u>E05B 47 /-</u>
<u>C07B 61 /-</u>	2022256094	2021202089	2018273963	2022202440	2020253566
2021243288	<u>C07D 471 /-</u>	<u>C08F 220 /-</u>	2018279728	<u>D06F 87 /-</u>	<u>E05B 49 /-</u>
<u>C07C 1 /-</u>	2019364717	2017362067	2020241910	2021298066	2020253566
2021243288	2020375960	<u>C08G 83 /-</u>	2021350078	<u>D06J 1 /-</u>	<u>E05B 55 /-</u>
<u>C07C 11 /-</u>	2021286423	2018438788	<u>C12N 9 /-</u>	2018288004	2020253566
2021243288	2022204211	<u>C08J 3 /-</u>	2017253089	<u>D07B 1 /-</u>	2021204205
<u>C07C 229 /-</u>	<u>C07D 491 /-</u>	2021202089	2017253107	2017396982	<u>E05B 63 /-</u>
2018207033	2021204814	<u>C08J 5 /-</u>	<u>C12Q 1 /-</u>	<u>E01C 11 /-</u>	2020253566
2020400015	2019364717	2020206777	2017277304	2020324805	<u>E05B 9 /-</u>
<u>C07C 271 /-</u>	2020375960	<u>C08J 9 /-</u>	2018279728	<u>E01C 13 /-</u>	2020253566
2022315394	2021286423	2021202965	2019280305	2017367529	<u>E05D 3 /-</u>
<u>C07C 29 /-</u>	2022204211	<u>C08K 7 /-</u>	2019355429	<u>E01C 7 /-</u>	2020225795
2019226622	<u>C07D 495 /-</u>	2018438788	<u>C21B 5 /-</u>	2020324805	<u>E06B 9 /-</u>
<u>C07C 31 /-</u>	2021204985	<u>C08L 101 /-</u>	2020393659	<u>E01D 19 /-</u>	2020409697
2020375960	<u>C07D 498 /-</u>	2018438788	<u>C23F 11 /-</u>	2017396982	2021370223
	2020375960	<u>C08L 7 /-</u>			
	<u>C07D 513 /-</u>	2018438788			
	2021204635	<u>C09D 5 /-</u>			
	<u>C07D 519 /-</u>	2022203548			
	2020375960				

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<u>E21B 10 /-</u>	<u>F16B 12 /-</u>	<u>F24F 11 /-</u>	2021290378	<u>G02C 7 /-</u>	<u>G06K 19 /-</u>
2018204593	2021232673	2020431710	<u>G01C 21 /-</u>	2017444616	2021229225
<u>E21B 17 /-</u>	<u>F16B 2 /-</u>	<u>F24F 6 /-</u>	2022205223	2020336048	2021229247
2018204593	2018201178	2021241522	<u>G01F 1 /-</u>	<u>G04G 21 /-</u>	<u>G06N 10 /-</u>
2020246953	<u>F16B 7 /-</u>	<u>F24F 8 /-</u>	2017347595	2021212114	2020262057
<u>E21B 19 /-</u>	2018201178	2021202606	<u>G01M 11 /-</u>	<u>G05B 15 /-</u>	2021358749
2021308639	<u>F16G 11 /-</u>	<u>F24H 1 /-</u>	2017444616	2021210923	<u>G06N 20 /-</u>
2022201209	2018201178	2018291052	<u>G01N 1 /-</u>	<u>G05B 19 /-</u>	2020301331
<u>E21B 21 /-</u>	<u>F16H 48 /-</u>	<u>F24H 9 /-</u>	2018346569	2018303330	<u>G06N 3 /-</u>
2017443717	2017353112	2018291052	<u>G01N 21 /-</u>	2022205223	2021282469
<u>E21B 33 /-</u>	<u>F16K 11 /-</u>	<u>F25B 45 /-</u>	2017444616	<u>G05B 23 /-</u>	2021358749
2022205410	2017210514	2019333309	<u>G01N 23 /-</u>	2020431710	<u>G06Q 10 /-</u>
<u>E21B 43 /-</u>	<u>F16L 9 /-</u>	<u>F25D 11 /-</u>	2018315828	<u>G05D 1 /-</u>	2021226758
2018208822	2018343320	2020338796	<u>G01N 27 /-</u>	2017346492	<u>G06Q 20 /-</u>
2018253883	<u>F16P 1 /-</u>	<u>F25D 13 /-</u>	2017443717	2022204569	2021330302
2020223364	2021250879	2017382837	<u>G01N 33 /-</u>	<u>G05D 16 /-</u>	2021333271
<u>E21B 44 /-</u>	<u>F17C 11 /-</u>	<u>F25D 23 /-</u>	2016376356	2017362331	<u>G06Q 30 /-</u>
2021308639	2021221915	2017365438	2017325009	<u>G06F 1 /-</u>	2021226758
<u>E21B 47 /-</u>	<u>F21S 8 /-</u>	2020338796	2017351810	2021273879	<u>G06Q 50 /-</u>
2019373096	2019250427	<u>F25D 25 /-</u>	2019222477	2022235614	2018317485
2020246953	<u>F21V 29 /-</u>	2017365438	2019282316	<u>G06F 16 /-</u>	<u>G06T 1 /-</u>
2022201209	2019250427	<u>F25D 3 /-</u>	2019355429	2019454248	2020346707
<u>E21B 49 /-</u>	<u>F21V 5 /-</u>	2017382837	<u>G01R 22 /-</u>	2021205017	<u>G06T 17 /-</u>
2019373096	2019250427	<u>F25D 5 /-</u>	2018279036	<u>G06F 17 /-</u>	2021290378
<u>E21B 7 /-</u>	<u>F21Y 105 /-</u>	2021241522	<u>G01S 17 /-</u>	2022204569	<u>G06T 19 /-</u>
2021308639	2019250427	<u>F28G 15 /-</u>	2021358749	2022204624	<u>G06T 19 /-</u>
2022201209	<u>F21Y 115 /-</u>	2021202606	<u>G01S 19 /-</u>	<u>G06F 21 /-</u>	2021290378
<u>E21D 20 /-</u>	2019250427	<u>F28G 9 /-</u>	2022205223	2020280677	<u>G06T 7 /-</u>
2018204593	<u>F23C 99 /-</u>	2021202606	<u>G01V 1 /-</u>	2020437435	2020410356
<u>F02B 37 /-</u>	2019261433	<u>F41H 1 /-</u>	2019373096	<u>G06F 3 /-</u>	2021290378
2020231886	<u>F23G 7 /-</u>	2018221282	<u>G01V 3 /-</u>	2018355545	<u>G06V 10 /-</u>
<u>F02C 7 /-</u>	2019261433	<u>F42B 33 /-</u>	2019373096	2021203005	2019454248
2019292004	<u>F23G 9 /-</u>	2019233783	<u>G01V 5 /-</u>	2021212114	<u>G06V 30 /-</u>
<u>F02D 23 /-</u>	2020377303	<u>F42B 35 /-</u>	2019373096	2021225776	2021250927
2020231886	<u>F24C 15 /-</u>	2019233783	<u>G02B 1 /-</u>	2022235614	2022235614
<u>F02D 41 /-</u>	2021250879	<u>F42B 5 /-</u>	2017376731	<u>G06F 30 /-</u>	2019454248
2020231886	<u>F24F 1 /-</u>	2019233783	2017444616	2019327360	<u>G06V 40 /-</u>
<u>F02N 11 /-</u>	2021202606	<u>G01C 11 /-</u>	<u>G02B 6 /-</u>	2021290378	2019454248
2022200448	<u>G01C 11 /-</u>	2017423261	2019373096	2021358749	2021358749
2022200449	<u>G01C 11 /-</u>	2017423261	<u>G06F 8 /-</u>	<u>G07D 5 /-</u>	2021229225
<u>F04C 19 /-</u>	<u>G01C 11 /-</u>	2017423261	2019327360	2021229247	2021229247
2018211427	<u>G01C 11 /-</u>	2017423261	2021273796	<u>G07D 9 /-</u>	2019356918
	<u>G01C 11 /-</u>	2017423261	2022200637		

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<u>G07F 17 /-</u>	<u>H01P 11 /-</u>	<u>H04L 1 /-</u>	<u>H05K 1 /-</u>
2019356918 2022200505	2019228500	2021290404	2019228500
<u>G08B 21 /-</u>	<u>H01Q 1 /-</u>	<u>H04L 45 /-</u>	<u>H05K 3 /-</u>
2018317485	2020240972 2020276522 2022204103	2018307756	2019228500
<u>G08B 3 /-</u>	<u>H01R 13 /-</u>	<u>H04L 51 /-</u>	
2018317485		2020402099	
<u>G09F 3 /-</u>	<u>H01R 24 /-</u>	<u>H04L 67 /-</u>	
2018343320	2019228500 2019247776	2020280677 2020402099	
<u>G10K 11 /-</u>	<u>H01R 9 /-</u>	<u>H04M 1 /-</u>	
2019400384	2018250356 2019247776	2022204103	
<u>G10L 19 /-</u>	<u>H02J 1 /-</u>	<u>H04M 11 /-</u>	
2021290404	2019247776	2020431710	
<u>G16B 20 /-</u>	<u>H02J 3 /-</u>	<u>H04N 11 /-</u>	
2021282469	2020403281	2020412559	
<u>G16B 40 /-</u>	<u>H02J 7 /-</u>	<u>H04N 19 /-</u>	
2021282469	2021210923	2018346321 2018440297 2019364883 2020407738	
<u>G16C 10 /-</u>	<u>H02K 1 /-</u>	<u>H04Q 9 /-</u>	
2018217684	2020403281 2021338586	2020431710	
<u>G16C 20 /-</u>	<u>H02K 16 /-</u>	<u>H04R 3 /-</u>	
2020301331	2022200448 2022200449	2019204126	
<u>G16H 20 /-</u>	<u>H02K 19 /-</u>	<u>H04W 24 /-</u>	
2018217684 2020304356	2021272454	2020327508	
<u>G16H 40 /-</u>	<u>H02K 21 /-</u>	<u>H04W 4 /-</u>	
2018217684	2021272454	2020280677	
<u>H01J 37 /-</u>	<u>H02P 9 /-</u>	<u>H04W 40 /-</u>	
2020245070	2020397366	2020327518	
<u>H01M 10 /-</u>	<u>H03K 19 /-</u>	<u>H04W 48 /-</u>	
2018375287	2019327360	2020373330	
<u>H01M 12 /-</u>	<u>H04B 1 /-</u>	<u>H04W 52 /-</u>	
2018278211 2018375287	2022204103	2022200177	
<u>H01M 14 /-</u>	<u>H04B 10 /-</u>	<u>H04W 76 /-</u>	
2018278211	2020332813	2022200177	
<u>H01M 4 /-</u>	<u>H04B 7 /-</u>	<u>H04W 84 /-</u>	
2018278211 2018375287	2019221559	2020373330	
<u>H01M 8 /-</u>		<u>H05B 3 /-</u>	
2018278211 2018375287		2021409007	

Certified Innovation Patents**Name Index**

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

(71) Kilmallock (ACT) Pty Ltd
(11) AU-B-2022100093
(21) 2022100093 (22) 19.04.2022
(54) Blind-Type Curtain
(51) Int. Cl.
 A47H 23/02 (2006.01)
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(45) 20.07.2023
(62) 2020100554
(72) Sinke, Tony
(74) MEYER WEST IP PTY LTD

Numerical Index

2022100093 Kilmallock (ACT) Pty Ltd

IPC Index

A47H 13 /-

2022100093

A47H 15 /-

2022100093

A47H 23 /-

2022100093

E06B 9 /-

2022100093

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018229685 **Aus Group Alliance Pty Ltd** (Lee Group Commercial & Industrial Fencing)
- 2018267244 **De La Rue International Limited** (CCL Secure Pty Ltd)
- 2021261058 **Sepro Mineral Systems Corp.** (FLSmidth A/S)

Opposition under Section 104(4) - Lodged

- 2017261483 **Corteva Agriscience LLC** (Nufarm Australia Limited)

Patents Granted

Standard Patents

2016407019	2016416631	2017213170	2017219052
2017228601	2017253109	2017261286	2017270649
2017277801	2017281589	2017282102	2017285599
2017295055	2017309824	2017312433	2017313906
2017341350	2017348440	2017349920	2017351027
2017352030	2017362062	2017383016	2018202418
2018202419	2018209887	2018235143	2018237088
2018263284	2018282844	2018292284	2018302693
2018303794	2018322785	2018349108	2018357860
2018360433	2018376156	2019204224	2019218992
2019224912	2019237774	2019243601	2019250361
2019256523	2019294478	2019324120	2019350460
2019353487	2019354473	2019378536	2019383021
2019388843	2019416021	2019418359	2019429940
2019431004	2019439816	2019448945	2019469894
2020204350	2020206554	2020210418	2020225412
2020226014	2020229784	2020229982	2020252206
2020257097	2020262039	2020267798	2020281070
2020286269	2020294245	2020296357	2020302352
2020303356	2020349019	2020384654	2020412168
2020412699	2020424232	2021200629	2021201010
2021201073	2021201374	2021201488	2021201491
2021202235	2021203476	2021203601	2021204179
2021212098	2021215154	2021232207	2021240131
2021240249	2021245139	2021246616	2021275500
2021277605	2021277706	2021282521	2021290368
2021316749	2021348533	2022200563	2022200775
2022200901	2022201174	2022201959	2022202272
2022291476	2022328407		

Innovation Patents

- 2021107677

Offer to Surrender

It is hereby notified that **van der Nest, N. 24/189 Swansea Street East Victoria Park Western Australia , Perth WA 6101** , the Patentee of Patent 2017101005 dated 11.10.2017 for an invention titled ' A module within or attached to automated vacuum cleaners to either suck or blow air using wide angles that may be adjusted to remove dust from skirtings or lower level objects. May be aided with the use of brushes attached but not a requirement.' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

- 2003275441 Kuraray Co. Ltd.; Puget Sound Rope The patent has been assigned to **Kuraray Co. Ltd.; Cortland Industrial LLC**

Assignments Registered

- 2010245947 Enerpac Tool Group Corp. The patent has been assigned to **Cortland Industrial LLC**
- 2010313249 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2010336613 Mitaka Kohki Co., Ltd. The patent has been assigned to **Q'sfix CO., LTD.; Human engineering Co., Ltd.**
- 2011274301 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Nuseed Global Innovation Ltd**
- 2012200628 Specialized Bicycle Components, Inc. The patent has been assigned to **Specialized Bicycle Components, Inc**
- 2012200675 Specialized Bicycle Components, Inc. The patent has been assigned to **Specialized Bicycle Components, Inc**
- 2012221005 Clearwell Oilfield Solutions Limited The patent has been assigned to **Clearwell Energy Holdings Limited**
- 2012249917 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2012249918 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2012249920 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2012249921 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2012324024 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Nuseed Global Innovation Ltd**
- 2013202217 Incitec Pivot Ltd The patent has been assigned to **INCITEC FERTILISERS OPERATIONS PTY LTD**
- 2013205482 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Nuseed Global Innovation Ltd**
- 2013230564 Enerpac Tool Group Corp. The patent has been assigned to **Cortland Industrial LLC**
- 2014232272 Scorrboard, LLC The patent has been assigned to **PACKAGING ACQUISITIONS I, LLC**
- 2014265869 Scorrboard, LLC The patent has been assigned to **PACKAGING ACQUISITIONS I, LLC**
- 2015227487 Incitec Pivot Limited The patent has been assigned to **INCITEC FERTILISERS OPERATIONS PTY LTD**
- 2015229240 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2015280078 Enerpac Tool Group Corp. The patent has been assigned to **Cortland Industrial LLC**
- 2015286221 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Nuseed Global Innovation Ltd**
- 2015328645 Richman, Lawrence The patent has been assigned to **Sure Count Surgical, LLC**
- 2016216624 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**

Assignments Registered

- 2016338997 Oxford Bioelectronics Ltd The patent has been assigned to **Reuss, Anni-Frid**
- 2016361227 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2016396601 Limited Liability Company "New Gas Technologies-Synthesis" (Llc "Ngt-Synthesis") The patent has been assigned to **Universal Fuel Technologies, Inc.**
- 2017200923 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Nuseed Global Innovation Ltd**
- 2017225070 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2017238191 Scorrboard, LLC The patent has been assigned to **PACKAGING ACQUISITIONS I, LLC**
- 2017252188 Scorrboard, LLC The patent has been assigned to **PACKAGING ACQUISITIONS I, LLC**
- 2017252261 Scorrboard, LLC The patent has been assigned to **PACKAGING ACQUISITIONS I, LLC**
- 2018214442 ResApp Health Limited The patent has been assigned to **Pfizer Inc.**
- 2018240172 FORMA Therapeutics, Inc. The patent has been assigned to **Novo Nordisk Health Care AG**
- 2018250483 Commonwealth Scientific and Industrial Research Organisation The patent has been assigned to **Nuseed Global Innovation Ltd**
- 2019204443 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2019206013 FORMA Therapeutics, Inc. The patent has been assigned to **Novo Nordisk Health Care AG**
- 2019257541 Retrotope, Inc. The patent has been assigned to **RTM-FP Enterprises Inc.**
- 2020101240 Guangxi State Farms Yongxin Animal Husbandry Group Co., LTD; Guangxi Veterinary Research Institute The patent has been assigned to **Guangxi Nongken Yongxin Animal Husbandry Group Xijiang Co., Ltd.; Guangxi Veterinary Research Institute**
- 2021201244 FORMA Therapeutics, Inc. The patent has been assigned to **Novo Nordisk Health Care AG**
- 2021398589 Incitec Pivot Limited The patent has been assigned to **INCITEC FERTILISERS OPERATIONS PTY LTD**
- 2021408092 Incitec Pivot Limited The patent has been assigned to **INCITEC FERTILISERS OPERATIONS PTY LTD**

Licences Registered - Section 187, Reg. 19

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

- 2009347921 Mitotech SA (ESSEX BIO-INVESTMENT LIMITED)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

- 2009330194 **ChemoCentryx, Inc.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

For the goods TAVNEOS avacopan

Extension of Term of patent pursuant to Section 77 expires on 21 Dec 2034

Corrigenda

In Vol 34 , No 26 , Page(s) 3642 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Química Agronómica de México, S. de R.L. C.V., Application No. 2019326055, under INID (71) correct the applicant name to Química Agronómica de México, S. de R.L. de C.V.

In Vol 36 , No 45 , Page(s) 6215 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Vectis Pty Ltd as trustee for JJB Trust, Application No. 2021262226, under INID (71) correct the applicant name to Vectis Pty Ltd

In Vol 36 , No 46 , Page(s) 6257 under the heading **Provisional Applications Filed - Name Index** Under the name Facer Holdings Pty Ltd ATF The Facer Family Trust, Application No. 2022903283, under INID (71) correct the applicant name to Facer Holdings Pty Ltd

In Vol 36 , No 48 , Page(s) 6521 under the heading **Provisional Applications Filed - Name Index** Under the name Facer Holdings Pty Ltd ATF The Facer Family Trust, Application No. 2022903489, under INID (71) correct the applicant name to Facer Holdings Pty Ltd

In Vol 36 , No 50 , Page(s) 6833 under the heading **Provisional Applications Filed - Name Index** Under the name Edge Vapour Barrier Investments Pty Ltd ATF Edge Vapour Barrier Unit Trust, Application No. 2022903675, under INID (71) correct the applicant name to Edge Vapour Barrier Investments Pty Ltd

In Vol 57 , No 10 , Page(s) 1460 under the heading **Provisional Applications Filed - Name Index** Under the name CNC Wire Forming Pty Ltd as trustee for The C.J. Lacy Trust, Application No. 2023900539, under INID (71) correct the applicant name to CNC Wire Forming Pty Ltd

In Vol 57 , No 10 , Page(s) 1461 under the heading **Provisional Applications Filed - Name Index** Under the name Mariana Diamond Pty Ltd ATF The Trenchard Family Trust, Application No. 2023900591, under INID (71) correct the applicant name to Mariana Diamond Pty Ltd

In Vol 57 , No 11 , Page(s) 1676 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Mircea Eugen Virgil Cociuban the Trustee for Rofraus Trust, Application No. 2021313609, under INID (71) correct the applicant name to Mircea Eugen Virgil Cociuban

In Vol 57 , No 19 , Page(s) 2633 under the heading **Provisional Applications Filed - Name Index** Under the name Worthdown Pty Ltd atf Ausrica C Trust, Application No. 2023901364, under INID (71) correct the applicant name to Worthdown Pty Ltd

In Vol 57 , No 25 , Page(s) 3568 under the heading **Provisional Applications Filed - Name Index** Under the name Valois Consolidated Media PL ATF Maison de Valois Family Trust, Application No.

Corrigenda

2023901811, under INID (71) correct the applicant name to Valois Consolidated Media PL

In Vol 57 , No 26 , Page(s) 3733 under the heading **Provisional Applications Filed - Name Index** Under the name Staness Pty Ltd ATF The Brooks Family Trust, Application No. 2023901977, under INID (71) correct the applicant name to Staness Pty Ltd

In Vol 57 , No 26 , Page(s) 3743 under the heading **Complete Applications Filed - Name Index** Under the name John Hadad, M., Application No. 2023203881, under INID (71) correct the applicant name to Hadad, M. J.

In Vol 57 , No 26 , Page(s) 3911 under the heading **Applications Accepted - Name Index** Under the name Química Agronómica de México, S. de R.L. C.V., Application No. 2019326055, under INID (71) correct the applicant name to Química Agronómica de México, S. de R.L. de C.V.

In Vol 57 , No 4 , Page(s) 607 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Sophinity Pty Ltd (ATF Wellman Consolidated Trust), Application No. 2021297265, under INID (71) correct the applicant name to Sophinity Pty Ltd

In Vol 57 , No 8 , Page(s) 1210 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Avid Business Pty Ltd (ACN: 083025003) As Trustee For Cedar Creek Trust, Application No. 2021300877, under INID (71) correct the applicant name to Avid Business Pty Ltd (ACN: 083025003)

Specifications Republished

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

2017260806	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca
2018438767	United Biopharma Inc
2020335220	Nyxoah SA
2020363066	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.
2021401505	POSCO CO., LTD

Advertisement

Application to amend Australian Patent No. 2005280034

Proceeding

Pfizer Ireland Pharmaceuticals has applied pursuant to section 105(1) of the *Patents Act 1990* (Cth) to amend Australian Patent No. 2005280034 (the **Patent**) titled "Production of polypeptides" in Federal Court of Australia Proceeding NSD 331 of 2022 (the **Proceeding**).

Particulars of amendment sought

Pfizer Ireland Pharmaceuticals has applied to amend the complete specification of the Patent in accordance with the Statement of Proposed Amendments annexed to this advertisement as **Annexure A**.

Applicant's address for service

Pfizer Ireland Pharmaceutical's address for service is:

Jackie O'Brien
Norton Rose Fulbright Australia
Level 5, 60 Martin Place
Sydney NSW 2000

Opposition to application

A person intending to oppose the amendment application who is not a party to the Proceeding must, within 28 days after publication of this advertisement, give written notice of that intention to the Commissioner of Patents and each party to the Proceeding.

Annexure A

AUSTRALIA
Patents Act 1990 (Cth)

IN THE MATTER of
Patent No. 2005280034
in the name of Pfizer
Ireland Pharmaceuticals

STATEMENT OF PROPOSED AMENDMENTS

- 1 Cancel pages 2a and 2b of the specification presently on file and replace with substitute pages 2a and 2b being a marked-up version of the amended pages of the specification and substitute page 2a being a clean version of the amended page of the specification.
- 2 Cancel page 18 of the specification presently on file and replace with substitute page 18 enclosed in duplicate, one being a marked-up version of the amended page of the specification.
- 3 Cancel page 46 of the specification presently on file and replace with substitute page 46 enclosed in duplicate, one being a marked-up version of the amended page of the specification.
- 4 Cancel page 67 of the specification presently on file and replace with substitute page 67 enclosed in duplicate, one being a marked-up version of the amended page of the specification.
- 5 Cancel pages 76 and 77 of the specification presently on file and replace with substitute pages 76 and 77 enclosed in duplicate, one being a marked-up version of the amended pages of the specification.
- 6 Cancel page 79 of the specification presently on file and replace with substitute page 79 enclosed in duplicate, one being a marked-up version of the amended page of the specification.
- 7 Cancel pages 84-92 of the specification presently on file and replace with substitute pages 84-92 being a marked-up version of the amended pages of the specification and pages 84-90 being a clean version of the amended pages of the specification.

Dated: 29 June 2023



Jackie O'Brien
Norton Rose Fulbright Australia
Lawyers for and on behalf of the Applicant

In an aspect of the present invention, there is provided a method of producing a polypeptide wherein the polypeptide is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human tumor necrosis factor receptor 2 (TNFR-2) linked to the Fc portion of IgG1 in a large-scale production cell culture comprising the steps of: providing a cell culture comprising; mammalian cells that contain a gene encoding thea polypeptide ~~of interest~~, which gene is expressed under condition of cell culture; and a medium containing glutamine and having ~~a~~ medium characteristics ~~selected from the group consisting of~~: (i) a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative asparagine ratio of less than 2, and (iii) a molar cumulative glutamine to cumulative total amino acid ratio of less than 0.2, ~~(iv) a molar cumulative inorganic ion to cumulative total amino acid ratio between 0.4 to 1,~~ ~~(v) a combined cumulative amount of glutamine and asparagine per unit volume of greater than 16 mM, and combinations thereof~~; maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%-80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions; changing at least one of the culture conditions, so that a second set of culture conditions is applied; maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

In a further aspect of the present invention, there is provided a method of producing a polypeptide wherein the polypeptide is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human tumor necrosis factor receptor 2 (TNFR-2) linked to the Fc portion of IgG1 in a large-scale production cell culture comprising the steps of: providing a cell culture comprising; mammalian cells that contain a gene encoding athe polypeptide ~~of interest~~, which gene is expressed under condition of cell culture; and a medium containing ~~a molar cumulative glutamine to cumulative asparagine ratio of less than 2; and said medium containing~~ glutamine; and ~~said medium~~ having ~~two~~ medium characteristics ~~selected from the group consisting of~~: (i) ~~a medium containing~~ a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative total amino acid asparagine ratio of less than ~~0.2~~, (iii) a molar cumulative inorganic ion glutamine to cumulative total amino acid ratio of less than 0.2, and between 0.4 to 1, (iv) a combined cumulative amount of glutamine and asparagine per unit volume of either: (a) between greater than 16 mM and 36 mM; or (b) 36 mM or above, and combinations thereof; maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%-80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions; changing at least one of the culture conditions, so that a second set of culture conditions is applied; maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

In a yet further aspect of the present invention, there is provided a method of producing a polypeptide in a large-scale production cell culture comprising steps of: providing a cell culture comprising; mammalian cells that contain a gene encoding a polypeptide of interest, which gene is expressed under condition of cell culture; and a defined medium containing glutamine and having at least two medium characteristics selected from the group consisting of: i) a starting amino acid concentration greater than 70 mM, ii) a molar glutamine to asparagine ratio of less than 2, iii) a molar glutamine to total amino acid ratio of less than 0.2, iv) a molar inorganic ion to total amino acid ratio between 0.4 to 1, and v) a combined glutamine and asparagine concentration greater than 16 mM; maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce within a range of 20%–80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions; changing at least one of the culture conditions, so that a second set of culture conditions is applied; maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

In a yet further aspect of the present invention, there is provided a method of producing a polypeptide in a large-scale production cell culture comprising steps of providing a cell culture comprising; mammalian cells that contain a gene encoding a polypeptide of interest, which gene is expressed under condition of cell culture; and 70 mM, ii) a molar glutamine to asparagine ratio of less than 2, iii) a molar glutamine to total amino acid ratio of less than 0.2, iv) a molar inorganic ion to total amino acid ratio between 0.4 to 1, and v) a combined glutamine and asparagine concentration greater than 16 mM; maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce within a range of 20%–80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions; changing at least one of the culture conditions, so that a second set of culture conditions is applied; maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

In an aspect of the present invention, there is provided a method of producing a polypeptide wherein the polypeptide is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human tumor necrosis factor receptor 2 (TNFR-2) linked to the Fc portion of IgG1 in a large-scale production cell culture comprising the steps of: providing a cell culture comprising; mammalian cells that contain a gene encoding the polypeptide, which gene is expressed under condition of cell culture; and a medium containing glutamine and having medium characteristics: (i) a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative asparagine ratio of less than 2, and (iii) a molar cumulative glutamine to cumulative total amino acid ratio of less than 0.2; maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%-80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions; changing at least one of the culture conditions, so that a second set of culture conditions is applied; maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

In a further aspect of the present invention, there is provided a method of producing a polypeptide wherein the polypeptide is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human tumor necrosis factor receptor 2 (TNFR-2) linked to the Fc portion of IgG1 in a large-scale production cell culture comprising the steps of: providing a cell culture comprising; mammalian cells that contain a gene encoding the polypeptide, which gene is expressed under condition of cell culture; and a medium containing glutamine and having medium characteristics : (i) a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative asparagine ratio of less than 2, (iii) a molar cumulative glutamine to cumulative total amino acid ratio of less than 0.2, and (iv) a combined cumulative amount of glutamine and asparagine per unit volume of either: (a) between 16 mM and 36 mM; or (b) 36 mM or above; maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%-80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions; changing at least one of the culture conditions, so that a second set of culture conditions is applied; maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

(VEGFR-2)), fms-like tyrosine kinase-1 (Flt-1) (DeVries et al. Science 255;989-991, 1992; Shibuya et al., Oncogene 5:519-524, 1990), sometimes referred to as vascular endothelial cell growth factor receptor 1 (VEGFR-1), neuropilin-1, endoglin, endosialin, and Axl. Those of ordinary skill in the art will be aware of other receptors that can preferably be expressed in accordance with the present invention.

[00123] In a particularly preferred embodiment, tumor necrosis factor inhibitors, in the form of tumor necrosis factor alpha and beta receptors (TNFR-1; EP 417,563 published Mar. 20, 1991; and TNFR-2, EP 417,014 published Mar. 20, 1991) are expressed in accordance with the present invention (for review, see Naismith and Sprang, *J Inflamm.* 47(1-2):1-7 (1995-96), incorporated herein by reference). According to one embodiment, the tumor necrosis factor inhibitor comprises a soluble TNF receptor and preferably a TNFR-Ig. In one embodiment, the preferred TNF inhibitors of the present invention are soluble forms of TNFR-I and TNFR-II, as well as soluble TNF binding proteins, in another embodiment, the TNFR-Ig fusion is a TNFR:Fc, ~~a term which as used herein refers to "etanercept," which is a dimer of two molecules of the extracellular portion of the p75 TNF .alpha. receptor, each molecule consisting of a 235 amino acid Fc portion of human IgG.sub.I.~~

Growth Factors and Other Signaling Molecules

[00124] Another class of polypeptides that have been shown to be effective as pharmaceutical and/or commercial agents includes growth factors and other signaling molecules. Growth factors are typically glycoproteins that are secreted by cells and bind to and activate receptors on other cells, initiating a metabolic or developmental change in the receptor cell. In one embodiment, the protein of interest is an ActRIIB fusion polypeptide comprising the extracellular domain of the ActRIIB receptor and the Fc portion of an antibody (see, e.g., Wolfman, et al., ActRIIB fusion polypeptides and uses therefor, US2004/0223966 A1). In another embodiment, the growth factor may be a modified GDF-8 propeptide (see., e.g., Wolfman, et al., Modified and stabilized GDF propeptides and uses thereof, US2003/0104406 A1). Alternatively, the protein of interest could be a follistatin-domain-containing protein (see, e.g., Hill, et al., GASP1: a follistatin domain containing protein, US 2003/0162714 A1, Hill, et al., GASP1: a follistatin domain

(VEGFR-2)), fms-like tyrosine kinase-1 (Flt-1) (DeVries et al. Science 255;989-991, 1992; Shibuya et al., Oncogene 5:519-524, 1990), sometimes referred to as vascular endothelial cell growth factor receptor 1 (VEGFR-1), neuropilin-1, endoglin, endosialin, and Axl. Those of ordinary skill in the art will be aware of other receptors that can preferably be expressed in accordance with the present invention.

[00123] In a particularly preferred embodiment, tumor necrosis factor inhibitors, in the form of tumor necrosis factor alpha and beta receptors (TNFR-1; EP 417,563 published Mar. 20, 1991; and TNFR-2, EP 417,014 published Mar. 20, 1991) are expressed in accordance with the present invention (for review, see Naismith and Sprang, *J Inflamm.* 47(1-2):1-7 (1995-96), incorporated herein by reference). According to one embodiment, the tumor necrosis factor inhibitor comprises a soluble TNF receptor and preferably a TNFR-Ig. In one embodiment, the preferred TNF inhibitors of the present invention are soluble forms of TNFR-I and TNFR-II, as well as soluble TNF binding proteins, in another embodiment, the TNFR-Ig fusion is a TNFR:Fc.

Growth Factors and Other Signaling Molecules

[00124] Another class of polypeptides that have been shown to be effective as pharmaceutical and/or commercial agents includes growth factors and other signaling molecules. Growth factors are typically glycoproteins that are secreted by cells and bind to and activate receptors on other cells, initiating a metabolic or developmental change in the receptor cell. In one embodiment, the protein of interest is an ActRIIB fusion polypeptide comprising the extracellular domain of the ActRIIB receptor and the Fc portion of an antibody (see, e.g., Wolfman, et al., ActRIIB fusion polypeptides and uses therefor, US2004/0223966 A1). In another embodiment, the growth factor may be a modified GDF-8 propeptide (see, e.g., Wolfman, et al., Modified and stabilized GDF propeptides and uses thereof, US2003/0104406 A1). Alternatively, the protein of interest could be a follistatin-domain-containing protein (see, e.g., Hill, et al., GASP1: a follistatin domain containing protein, US 2003/0162714 A1, Hill, et al., GASP1: a follistatin domain

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NaCl	1104.96	18.92	5539.00	94.85	3704.96	63.44
NaH ₂ PO ₄ •H ₂ O	638.33	4.61	62.49	0.45	114.33	0.83
MgSO ₄	48.70	0.41	48.83	0.41	48.70	0.41
MgSO ₄ •7H ₂ O	0.0395.00	95.00.39			8.60	95.00.035
MgCl ₂	28.53	0.30	28.61	0.30	28.53	0.30
NaHCO ₃	2000.00	23.81	2440.00	29.04	2440.00	29.04
Trace Elements	µg/L	nM	µg/L	nM	µg/L	nM
Sodium Selenite	28.00	161.94	5.00	28.92	7.00	40.49
Fe(NO ₃) ₃ •9H ₂ O	49.86	123.42	50.00	123.75	49.86	123.42
CuSO ₄	2.69	16.80	0.80	5.00	0.97	6.06
CuSO ₄ •5H ₂ O	11.24	45.00			7.49	30.00
FeSO ₄ •7H ₂ O	2503.85	9006.64	839.96	3021.45	1542.85	5549.81
ZnSO ₄ •7H ₂ O	2734.77	9528.82	429.96	1498.12	1383.80	4821.59
MnSO ₄ •H ₂ O	0.26	1.51			0.17	1.01
Na ₂ SiO ₃ •9H ₂ O	210.00	739.27			140.00	492.84
(NH ₄) ₆ Mo ₇ O ₂₄ •4H ₂ O	1.86	1.50			1.24	1.00
NH ₄ VO ₃	0.98	8.33			0.65	5.56
NiSO ₄ •6H ₂ O	0.20	0.74			0.13	0.49
SnCl ₂ •2H ₂ O	0.18	0.80			0.12	0.53
Other Components	mg/L	µM	mg/L	µM	mg/L	µM
Hydrocortisone	0.23	0.64	0.04	0.10	0.09	0.24
Putrescine•2HCl	6.48	40.22	1.08	6.70	2.48	15.39
linoleic acid	0.22	0.80	0.04	0.14	0.06	0.20
thioctic acid	0.56	2.73	0.10	0.49	0.14	0.69
D-glucose (Dextrose)	16039.43	89107.92	6150.72	34170.64	11042.24	61345.76
PVA	2560.00		2400.00		2520.00	
Insulin	54.00		10.00		14.00	
Sodium Pyruvate	54.85	498.63	55.00	499.95	54.85	498.63

Results and Conclusions

[00207] Figure 1 shows that growth rate of anti-GDF-8 cells was similar in both Medium 1 and Medium 2 in the flask experiments.

[00208] Figure 2 shows that in bioreactors, Medium 1 exhibited a significant increase in final cell density and viability over Medium 3. The final titer also increased significantly, from 551 mg/L for the platform process to 976 mg/L with Medium 1 (data not shown). Temperature was shifted from 37°C to 31°C on day 5. Due to the unexpected high cell growth, the cultures were fed daily after day 5 with either 2% by volume of 20X Medium 4 or 3% by volume of 16X Medium 4. Thus,

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NaCl	1104.96	18.92	5539.00	94.85	3704.96	63.44
NaH ₂ PO ₄ •H ₂ O	638.33	4.61	62.49	0.45	114.33	0.83
MgSO ₄	48.70	0.41	48.83	0.41	48.70	0.41
MgSO ₄ •7H ₂ O	95.00	0.39			8.60	0.035
MgCl ₂	28.53	0.30	28.61	0.30	28.53	0.30
NaHCO ₃	2000.00	23.81	2440.00	29.04	2440.00	29.04
Trace Elements	µg/L	nM	µg/L	nM	µg/L	nM
Sodium Selenite	28.00	161.94	5.00	28.92	7.00	40.49
Fe(NO ₃) ₃ •9H ₂ O	49.86	123.42	50.00	123.75	49.86	123.42
CuSO ₄	2.69	16.80	0.80	5.00	0.97	6.06
CuSO ₄ •5H ₂ O	11.24	45.00			7.49	30.00
FeSO ₄ •7H ₂ O	2503.85	9006.64	839.96	3021.45	1542.85	5549.81
ZnSO ₄ •7H ₂ O	2734.77	9528.82	429.96	1498.12	1383.80	4821.59
MnSO ₄ •H ₂ O	0.26	1.51			0.17	1.01
Na ₂ SiO ₃ •9H ₂ O	210.00	739.27			140.00	492.84
(NH ₄) ₆ Mo ₇ O ₂₄ •4H ₂ O	1.86	1.50			1.24	1.00
NH ₄ VO ₃	0.98	8.33			0.65	5.56
NiSO ₄ •6H ₂ O	0.20	0.74			0.13	0.49
SnCl ₂ •2H ₂ O	0.18	0.80			0.12	0.53
Other Components	mg/L	µM	mg/L	µM	mg/L	µM
Hydrocortisone	0.23	0.64	0.04	0.10	0.09	0.24
Putrescine•2HCl	6.48	40.22	1.08	6.70	2.48	15.39
linoleic acid	0.22	0.80	0.04	0.14	0.06	0.20
thioctic acid	0.56	2.73	0.10	0.49	0.14	0.69
D-glucose (Dextrose)	16039.43	89107.92	6150.72	34170.64	11042.24	61345.76
PVA	2560.00		2400.00		2520.00	
Insulin	54.00		10.00		14.00	
Sodium Pyruvate	54.85	498.63	55.00	499.95	54.85	498.63

Results and Conclusions

[00207] Figure 1 shows that growth rate of anti-GDF-8 cells was similar in both Medium 1 and Medium 2 in the flask experiments.

[00208] Figure 2 shows that in bioreactors, Medium 1 exhibited a significant increase in final cell density and viability over Medium 3. The final titer also increased significantly, from 551 mg/L for the platform process to 976 mg/L with Medium 1 (data not shown). Temperature was shifted from 37°C to 31°C on day 5. Due to the unexpected high cell growth, the cultures were fed daily after day 5 with either 2% by volume of 20X Medium 4 or 3% by volume of 16X Medium 4. Thus,

Example 8. Effects of Glutamine and Asparagine concentrations in batch media on anti-GDF-8 cell culture process.

[00271] In Examples 2, 5 and 6, it was demonstrated that glutamine starvation conferred benefits on fed-batch cultures in two cell lines, including increased cell growth, cell viability and titer as well as decreased production of lactate and ammonium. Asparagine also seems to play a role in batch media.

Materials and Methods

[00272] Anti-GDF-8 cells were cultured for twelve days in 1L Bioreactors in modified Medium 9 with differing concentrations of glutamine and asparagine. Base Medium 9 composition is listed in Table 14. Experimental variations on this base composition are listed in Table 15. The cultures were incubated at 37°C for the first 5 days with the exception of Reactor 4, whose temperature was 30°C for the first day due to temperature control problems. The cultures were shifted to 31°C on day 6. On day 7, the cultures were fed once with 5% by volume Medium 5 lacking glutamine. Cultures were measured daily for cell density, anti-GDF-8 titer, lactate and ammonium levels.

Table 14. Composition of Medium 9.

Amino Acids	mg/L	mM	Trace Elements	µg/L	nM
alanine	17.80	0.20	Sodium Selenite	69.16	400.00
arginine	696.00	4.00	Fe(NO ₃) ₃ •9H ₂ O	50.00	123.76
asparagine•H ₂ O	3000.00	20.00	CuSO ₄	10.24	64.00
aspartic acid	219.45	1.65	CuSO ₄ •5H ₂ O	99.88	400.00
cysteine•HCl•H ₂ O	70.40	0.40	FeSO ₄ •7H ₂ O	4170	15000
cysteine•2HCl	468.75	1.50	ZnSO ₄ •7H ₂ O	2640	9200
monosodium glutamate	33.80	0.20	MnSO ₄ •H ₂ O	33.80	200.00
glutamine	584.00	4.00	Na ₂ SiO ₃ •9H ₂ O	284.07	1000
glycine	115.50	1.54	(NH ₄) ₆ Mo ₇ O ₂₄ •4H ₂ O	247.20	200.00
histidine•HCl•H ₂ O	474.60	2.26	NH ₄ VO ₃	2.34	20.00
isoleucine	570.73	4.36	NiSO ₄ •6H ₂ O	5.26	20.00
leucine	1030.70	7.87	SnCl ₂ •2H ₂ O	0.90	4.00
lysine•HCl	1401.40	7.70	AlCl ₃ •6H ₂ O	0.97	4.00
methionine	387.40	2.60	KBr	0.48	4.00
phenylalanine	507.00	3.07	CrCl ₃	15.83	100.00
proline	539.50	4.69	NaF	0.17	4.00
serine	1052.00	10.02	GeO ₂	0.42	4.00

Example 8. Effects of Glutamine and Asparagine concentrations in batch media on anti-GDF-8 cell culture process.

[00271] In Examples 2, 5 and 6, it was demonstrated that glutamine starvation conferred benefits on fed-batch cultures in two cell lines, including increased cell growth, cell viability and titer as well as decreased production of lactate and ammonium. Asparagine also seems to play a role in batch media.

Materials and Methods

[00272] Anti-GDF-8 cells were cultured for twelve days in 1L Bioreactors in modified Medium 9 with differing concentrations of glutamine and asparagine. Base Medium 9 composition is listed in Table 14. Experimental variations on this base composition are listed in Table 15. The cultures were incubated at 37°C for the first 5 days with the exception of Reactor 4, whose temperature was 30°C for the first day due to temperature control problems. The cultures were shifted to 31°C on day 6. On day 7, the cultures were fed once with 5% by volume Medium 5 lacking glutamine. Cultures were measured daily for cell density, anti-GDF-8 titer, lactate and ammonium levels.

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Amino Acids	mg/L	mM	Trace Elements	µg/L	nM
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arginine	696.00	4.00	Fe(NO ₃) ₃ •9H ₂ O	50.00	123.76
asparagine•H ₂ O	3000.00	20.00	CuSO ₄	10.24	64.00
aspartic acid	219.45	1.65	CuSO ₄ •5H ₂ O	99.88	400.00
cysteine•HCl•H ₂ O	70.40	0.40	FeSO ₄ •7H ₂ O	4170	15000
cystine•2HCl	468.75	1.50	ZnSO ₄ •7H ₂ O	2640	9200
monosodium glutamate	33.80	0.20	MnSO ₄ •H ₂ O	33.80	200.00
glutamine	584.00	4.00	Na ₂ SiO ₃ •9H ₂ O	284.07	1000
glycine	115.50	1.54	(NH ₄) ₆ Mo ₇ O ₂₄ •4H ₂ O	247.20	200.00
histidine•HCl•H ₂ O	474.60	2.26	NH ₄ VO ₃	2.34	20.00
isoleucine	570.73	4.36	NiSO ₄ •6H ₂ O	5.26	20.00
leucine	1030.70	7.87	SnCl ₂ •2H ₂ O	0.90	4.00
lysine•HCl	1401.40	7.70	AlCl ₃ •6H ₂ O	0.97	4.00
methionine	387.40	2.60	KBr	0.48	4.00
phenylalanine	507.00	3.07	CrCl ₃	15.83	100.00
proline	539.50	4.69	NaF	0.17	4.00
serine	1052.00	10.02	GeO ₂	0.42	4.00

Media	Asn	Gln	Feed	AA(Starting)/(Total)	Ion/Total AA
Medium 3	14 mM	4 mM	34% Medium 5-Gln	34 mM / 64 mM	1.75
Medium 9	20 mM	4 mM	5% Medium 5-Gln	91.4 mM / 94.3 mM	.72
Medium 1	14 mM	4 mM	31.6% Medium 5-Gln	78 mM / 96.4 mM	.74

Note: Medium 5-Gln — Medium 5 lacking glutamine.

Results and Conclusions

[00294] Anti-GDF-8 cells cultured in Medium 9 exhibited the highest cell density and anti-GDF-8 titer, while anti-GDF-8 cells cultured in Medium 3 exhibited the lowest cell density and anti-GDF-8 titer (see Figures 57 and 58). The fact that Medium 9 produces superior results than Medium 1 indicates that it is better to provide the media components in the starting media rather than supplying them through multiple feeds. Additionally, the fact that both Medium 1 and Medium 9 perform better than Medium 3 indicates that providing amino acids in concentrations greater than about 70 mM provide superior results than providing amino acids in concentrations less than about 70 mM. Finally, providing amino acids in concentrations greater than about 70 mM in the starting media results in the highest cell densities and titers (compare Medium 9 vs. Medium 1).

Example 14. Statistical analysis of optimum total glutamine and asparagine levels in Medium 9 for anti-GDF-8 cell culture in Bioreactors.

Materials and Methods

[00295] Anti-GDF-8 cells were grown in 1L Bioreactors and were shifted from 37°C to 31°C on the days indicated in Table 23. Final titers were subjected to a T-test in order to determine the optimum level of glutamine alone and the optimum level of total combined glutamine and asparagine. Table 23 summarizes some relevant experimental conditions and end results for anti-GDF-8 cells grown in Medium 9.

Table 23. Relevant experimental conditions and end results for anti-GDF-8 cells grown in Medium 9.

Media	Gln (mM)	Asn (mM)	Day Shifted	Feed	Titer (ug/ml)	Titer/1200	Total Gln	Total Asn	Total Gln+Asn
Medium 9	1	8	6	5% Medium 5-Gln	615.2	0.51	1	9	<u>10</u>
Medium 9	<u>14</u>	8	6	5% Medium 5-Gln	857.1	0.71	4	9	<u>13</u>
Medium 9	1	12	6	5% Medium 5-Gln	947	0.79	1	13	<u>14</u>
Medium 9	4	12	4	5% Medium 5-Gln	1184	0.99	4	13	<u>17</u>

Medium 9	<u>41</u>	20	4	5% Medium 5-Gln	769.6	0.64	1	21	<u>22</u>
Medium 9	<u>413</u>	8	5	5% Medium 5-Gln	1262.6	1.05	13	9	<u>22</u>
Medium 9	4	20	4	5% Medium 5-Gln	1198	1.00	4	21	<u>25</u>
Medium 9	4	20	4	5% Medium 5-Gln	1321.1	1.10	4	21	<u>25</u>
Medium 9	4	20	4	5% Medium 5-Gln	1162.4	0.97	4	21	<u>25</u>
Medium 9	<u>134</u>	20	4	5% Medium 5-Gln	1436.6	1.20	4	21	<u>25</u>
Medium 9	<u>1513</u>	12	4	5% Medium 5-Gln	1638.6	1.37	13	13	<u>26</u>
Medium 9	13	12	4	5% Medium 5-Gln	1606.7	1.34	13	13	<u>26</u>
Medium 9	13	20	4	5% Medium 5-Gln	1075.91	0.90	13	21	<u>34</u>
Medium 9	13	20	4	5% Medium 5-Gln	1058.4	0.88	13	21	<u>34</u>
Medium 9	<u>1315</u>	20	4	5% Medium 5-Gln	1075.91	0.90	15	21	<u>36</u>
Medium 9	13	5	4	Asn, Gln, 5% Medium 5-Gln	974.52	0.81	28.5	11	<u>39.5</u>
Medium 9	13	20	4	Asn, Gln, 5% Medium 5-Gln	831.81	0.69	28.5	26	<u>54.5</u>
Medium 9	13	20	4	Medium 5, 30% total, 5 mM Gln day 4	975.4	0.81	28.5	26	<u>54.5</u>
Medium 9	13	20	4	Medium 5, 30% total, 5 mM Gln day 4	973.5	0.81	28.5	26	<u>54.5</u>

Note: Medium 5-Gln – Medium 5 lacking glutamine.

Results and Conclusions

[00296] Figure 59 shows extrapolated anti-GDF-8 titers for various levels of glutamine alone and total combined glutamine and asparagine. Table 24 shows the results of a T-test comparing normalized titer of glutamine levels between 2 and 15 mM and glutamine levels outside this range. Table 25 shows the results of a T-test comparing normalized titer of combined glutamine and asparagine levels between 16 and 36 mM and combined glutamine and asparagine levels outside this range.

[00297] Both T-test results indicated significant differences in anti-GDF-8 titers between the two groups that were compared. Cultures grown in Medium 9 containing between 2 and 15 mM glutamine and between 16 and 36 mM combined glutamine and asparagine exhibited higher anti-GDF-8 titers than cultures grown in media with glutamine and combined glutamine and asparagine levels that fell outside these ranges. In all experiments, asparagine levels were greater than 9 mM.

Table 24. T-Test results comparing normalized titer of 2 mM<Gln<15 mM versus Gln>15 mM, Gln<2 mM conditions.

Normalized Titer	Gln>15, Gln <2	2<Gln<15
Mean	0.724649917	1.033147493
Variance	0.013326655	0.036834109
Observations	7	12
Pooled Variance	0.028537361	

Media	Asn	Gln	Feed	AA(Starting)/(Total)	Ion/Total AA
Medium 3	14 mM	4 mM	34% Medium 5-Gln	34 mM / 64 mM	1.75
Medium 9	20 mM	4 mM	5% Medium 5-Gln	91.4 mM / 94.3 mM	.72
Medium 1	14 mM	4 mM	31.6% Medium 5-Gln	78 mM / 96.4 mM	.74

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Results and Conclusions

[00294] Anti-GDF-8 cells cultured in Medium 9 exhibited the highest cell density and anti-GDF-8 titer, while anti-GDF-8 cells cultured in Medium 3 exhibited the lowest cell density and anti-GDF-8 titer (see Figures 57 and 58). The fact that Medium 9 produces superior results than Medium 1 indicates that it is better to provide the media components in the starting media rather than supplying them through multiple feeds. Additionally, the fact that both Medium 1 and Medium 9 perform better than Medium 3 indicates that providing amino acids in concentrations greater than about 70 mM provide superior results than providing amino acids in concentrations less than about 70 mM. Finally, providing amino acids in concentrations greater than about 70 mM in the starting media results in the highest cell densities and titers (compare Medium 9 vs. Medium 1).

Example 14. Statistical analysis of optimum total glutamine and asparagine levels in Medium 9 for anti-GDF-8 cell culture in Bioreactors.

Materials and Methods

[00295] Anti-GDF-8 cells were grown in 1L Bioreactors and were shifted from 37°C to 31°C on the days indicated in Table 23. Final titers were subjected to a T-test in order to determine the optimum level of glutamine alone and the optimum level of total combined glutamine and asparagine. Table 23 summarizes some relevant experimental conditions and end results for anti-GDF-8 cells grown in Medium 9.

Table 23. Relevant experimental conditions and end results for anti-GDF-8 cells grown in Medium 9.

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Medium 9	4	8	6	5% Medium 5-Gln	857.1	0.71	4	9	13
Medium 9	1	12	6	5% Medium 5-Gln	947	0.79	1	13	14
Medium 9	4	12	4	5% Medium 5-Gln	1184	0.99	4	13	17

Medium 9	1	20	4	5% Medium 5-Gln	769.6	0.64	1	21	22
Medium 9	13	8	5	5% Medium 5-Gln	1262.6	1.05	13	9	22
Medium 9	4	20	4	5% Medium 5-Gln	1198	1.00	4	21	25
Medium 9	4	20	4	5% Medium 5-Gln	1321.1	1.10	4	21	25
Medium 9	4	20	4	5% Medium 5-Gln	1162.4	0.97	4	21	25
Medium 9	4	20	4	5% Medium 5-Gln	1436.6	1.20	4	21	25
Medium 9	13	12	4	5% Medium 5-Gln	1638.6	1.37	13	13	26
Medium 9	13	12	4	5% Medium 5-Gln	1606.7	1.34	13	13	26
Medium 9	13	20	4	5% Medium 5-Gln	1075.91	0.90	13	21	34
Medium 9	13	20	4	5% Medium 5-Gln	1058.4	0.88	13	21	34
Medium 9	15	20	4	5% Medium 5-Gln	1075.91	0.90	15	21	36
Medium 9	13	5	4	Asn, Gln, 5% Medium 5-Gln	974.52	0.81	28.5	11	39.5
Medium 9	13	20	4	Asn, Gln, 5% Medium 5-Gln	831.81	0.69	28.5	26	54.5
Medium 9	13	20	4	Medium 5, 30% total, 5 mM Gln day 4	975.4	0.81	28.5	26	54.5
Medium 9	13	20	4	Medium 5, 30% total, 5 mM Gln day 4	973.5	0.81	28.5	26	54.5

Note: Medium 5-Gln – Medium 5 lacking glutamine.

Results and Conclusions

[00296] Figure 59 shows extrapolated anti-GDF-8 titers for various levels of glutamine alone and total combined glutamine and asparagine. Table 24 shows the results of a T-test comparing normalized titer of glutamine levels between 2 and 15 mM and glutamine levels outside this range. Table 25 shows the results of a T-test comparing normalized titer of combined glutamine and asparagine levels between 16 and 36 mM and combined glutamine and asparagine levels outside this range.

[00297] Both T-test results indicated significant differences in anti-GDF-8 titers between the two groups that were compared. Cultures grown in Medium 9 containing between 2 and 15 mM glutamine and between 16 and 36 mM combined glutamine and asparagine exhibited higher anti-GDF-8 titers than cultures grown in media with glutamine and combined glutamine and asparagine levels that fell outside these ranges. In all experiments, asparagine levels were greater than 9 mM.

Table 24. T-Test results comparing normalized titer of 2 mM<Gln<15 mM versus Gln>15 mM, Gln<2 mM conditions.

Normalized Titer	Gln>15, Gln <2	2<Gln<15
Mean	0.724649917	1.033147493
Variance	0.013326655	0.036834109
Observations	7	12
Pooled Variance	0.028537361	

were grown at 130L scale except for 03P49B501, which was grown at 500L scale. In brief, Medium 1 is enriched in all nutrients, without consideration for relative uptake rates, while Medium 12 was balanced by removing apparently unnecessary nutrients from the indiscriminately enriched version. The compositions of Mediums 10, 11 and 12 are listed in Table 27.

Table 26. Initial medium, feed quantities and seed sources for Pilot runs.

Batch No.	Description	Initial Medium	Amount Fed	Gln fed?	Seed Source	Seed Density (Viabiles/mL)
1	Phase 1	Medium 10	38% *	Yes	Wave bags	0.2 x 10 ⁶
2	Rich Medium, High Gln (1)	Medium 1	16%	Yes	Wave bags	0.2 x 10 ⁶
3	Rich Med, High Gln (2)	Medium 1	16%	Yes	Wave bags	0.2 x 10 ⁶
4	Rich Med, Lower Gln	Medium 1	15%	No	Wave bags	0.2 x 10 ⁶
5	Balanced Med, Low Gln (1)	Medium 12	10%	No	Wave bags	0.2 x 10 ⁶
6	Bal Med, Low Gln (2)	Medium 12	9%	No	Wave bags	0.2 x 10 ⁶
7	Bal Med, Low Gln, Dense Seed	Medium 12	5%	No	High density Bioreactor	2.0 x 10 ⁶

* The Phase 1 process was fed with Medium 1~~1~~2, which is not as rich as Medium 5.

Table 27. Compositions of Mediums 10, 11 and 12.

	Medium 10		Medium 11		Medium 12	
	mg/L	mM	mg/L	mM	mg/L	mM
Amino Acids						
alanine	24.87	0.28	142.48	1.60	17.80	0.20
arginine	423.43	2.43	1528.84	8.79	696.00	4.00
asparagine•H ₂ O	173.90	1.16	1080.60	7.20	1500.00	10.00
aspartic acid	52.72	0.40	532.40	4.00	219.45	1.65
cysteine•HCl•H ₂ O	70.01	0.40			70.40	0.40
cysteine•2HCl	62.09	0.20	470.00	1.50	312.50	1.00
glutamic acid	41.08	0.28	235.38	1.60		
monosodium glutamate					33.80	0.20
glutamine	1162.40	7.96	6000.00	41.10	584.00	4.00
glycine	35.92	0.48	120.07	1.60	115.50	1.54

were grown at 130L scale except for 03P49B501, which was grown at 500L scale. In brief, Medium 1 is enriched in all nutrients, without consideration for relative uptake rates, while Medium 12 was balanced by removing apparently unnecessary nutrients from the indiscriminately enriched version. The compositions of Mediums 10, 11 and 12 are listed in Table 27.

Table 26. Initial medium, feed quantities and seed sources for Pilot runs.

Batch No.	Description	Initial Medium	Amount Fed	Gln fed?	Seed Source	Seed Density (Viabiles/mL)
1	Phase 1	Medium 10	38% *	Yes	Wave bags	0.2 x 10 ⁶
2	Rich Medium, High Gln (1)	Medium 1	16%	Yes	Wave bags	0.2 x 10 ⁶
3	Rich Med, High Gln (2)	Medium 1	16%	Yes	Wave bags	0.2 x 10 ⁶
4	Rich Med, Lower Gln	Medium 1	15%	No	Wave bags	0.2 x 10 ⁶
5	Balanced Med, Low Gln (1)	Medium 12	10%	No	Wave bags	0.2 x 10 ⁶
6	Bal Med, Low Gln (2)	Medium 12	9%	No	Wave bags	0.2 x 10 ⁶
7	Bal Med, Low Gln, Dense Seed	Medium 12	5%	No	High density Bioreactor	2.0 x 10 ⁶

* The Phase 1 process was fed with Medium 11, which is not as rich as Medium 5.

Table 27. Compositions of Mediums 10, 11 and 12.

	Medium 10		Medium 11		Medium 12	
	mg/L	mM	mg/L	mM	mg/L	mM
Amino Acids						
alanine	24.87	0.28	142.48	1.60	17.80	0.20
arginine	423.43	2.43	1528.84	8.79	696.00	4.00
asparagine•H ₂ O	173.90	1.16	1080.60	7.20	1500.00	10.00
aspartic acid	52.72	0.40	532.40	4.00	219.45	1.65
cysteine•HCl•H ₂ O	70.01	0.40			70.40	0.40
cystine•2HCl	62.09	0.20	470.00	1.50	312.50	1.00
glutamic acid	41.08	0.28	235.38	1.60		
monosodium glutamate					33.80	0.20
glutamine	1162.40	7.96	6000.00	41.10	584.00	4.00
glycine	35.92	0.48	120.07	1.60	115.50	1.54

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A method of producing a polypeptide wherein the polypeptide is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human tumor necrosis factor receptor 2 (TNFR-2) linked to the Fc portion of IgG1 in a large-scale production cell culture comprising the steps of:

providing a cell culture comprising;

mammalian cells that contain a gene encoding ~~a~~the polypeptide ~~of interest~~, which gene is expressed under condition of cell culture; and

a medium containing glutamine and having ~~a~~ medium characteristics s~~selected from the group consisting of~~: (i) a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative asparagine ratio of less than 2, and (iii) a molar cumulative glutamine to cumulative total amino acid ratio of less than 0.2; ~~(iv) a molar cumulative inorganic ion to cumulative total amino acid ratio between 0.4 to 1, (v) a combined cumulative amount of glutamine and asparagine per unit volume of greater than 16 mM, and combinations thereof;~~

maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%-80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions;

changing at least one of the culture conditions, so that a second set of culture conditions is applied;

maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.

2. A method of claim 1 wherein said medium has a combined cumulative amount of glutamine and asparagine per unit volume of either: (a) between 16 mM and 36 mM; or (b) 36 mM or above. ~~producing a polypeptide in a large-scale production cell culture comprising the steps of:~~

~~providing a cell culture comprising;~~

~~mammalian cells that contain a gene encoding a polypeptide of interest, which gene is expressed under condition of cell culture; and~~

~~a medium containing a molar cumulative glutamine to cumulative asparagine ratio of less than 2; and~~

~~said medium containing glutamine; and
said medium having two medium characteristics selected from the group consisting of: (i) a medium containing a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative total amino acid ratio of less than 0.2, (iii) a molar cumulative inorganic ion to cumulative total amino acid ratio between 0.4 to 1, (iv) a combined cumulative amount of glutamine and asparagine per unit volume of greater than 16 mM, and combinations thereof;~~

~~maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%–80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions;~~

~~changing at least one of the culture conditions, so that a second set of culture conditions is applied;~~

~~maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.~~

3. The method of claim 1, wherein said cell culture condition in said changing at least one of the culture conditions step is selected from the group consisting of: (i) temperature, (ii) pH, (iii) osmolality, (iv) chemical inductant level, and combinations thereof.
4. The method of claim 1, wherein the initial glutamine concentration of said medium is less than or equal to 10 mM.
5. The method of claim 1 [or 2](#), wherein the initial glutamine concentration of said medium is less than or equal to 4 mM.
6. The method of claim 1, wherein the total cumulative amount per unit volume of glutamine of said medium is less than or equal to 10 mM.

7. The method of claim 1, [2 or 5](#), wherein the total cumulative amount per unit volume of glutamine of said medium is less than or equal to 4 mM.
8. The method of claim 1, [2, 5 or 7](#), wherein glutamine is only provided in the initial medium at the beginning of the cell culture.
9. The method of claim 1, wherein the initial density of said mammalian cells is at least 2×10^5 cells/mL.
10. The method of claim 1, wherein the initial density of said mammalian cells is at least 2×10^6 cells/mL.
11. The method of claim 1, wherein the step of providing comprises providing at least 1000 L of a culture.
12. The method of claim 1, wherein the step of providing comprises providing at least 10,000 L of a culture.
13. The method of claim 1, wherein said first set of conditions comprises a first temperature range that is approximately 30 to 42 degrees Celsius.
14. The method of claim 1, wherein said first set of conditions comprises a first temperature range that is approximately 37 degrees Celsius.
15. The method of claim 1, wherein said second set of conditions comprises a second temperature range that is approximately 25 to 41 degrees Celsius.
16. The method of claim 1, wherein said second set of conditions comprises a second temperature range that is approximately 29 to 35 degrees Celsius.
17. The method of claim 1, wherein said second set of conditions comprises a second temperature range that is approximately 31 degrees Celsius.

18. The method of claim 1, further comprising a second changing step subsequent to first said changing at least one of the culture conditions comprising changing at least one of the culture conditions, so that a third set of conditions is applied to the culture.
19. The method of claim 18, wherein the second changing step comprises changing at least one culture condition selected from the group consisting of: (i) temperature, (ii) pH, (iii) osmolality, (iv) chemical inductant level, and combinations thereof.
20. The method of claim 18, wherein said third set of conditions comprises a third temperature range that is approximately 27 to 37 degrees Celsius.
21. The method of claim 1, wherein said first period of time is between 1-7 days.
22. The method of claim 1, wherein said first period of time is approximately 4 days.
23. The method of claim 1, wherein the total of said first period of time and said second period of time is at least 5 days.
24. The method of claim 1, wherein in the step of maintaining said culture for a second period of time, the lactate level decreases subsequent to the lactate level in the culture reaching a maximal level.
25. The method of claim 1, wherein in the step of maintaining said culture for a second period of time, the ammonium level decreases subsequent to the ammonium level in the culture reaching a maximal level.
26. The method of claim 1, wherein said total amount of said produced polypeptide is at least 1.5-fold higher than the amount of polypeptide produced under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic.
27. The method of claim 1, wherein said total amount of said produced polypeptide is at least 2-fold higher than the amount of polypeptide produced under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic.

28. The method of claim 1, wherein said cell culture is further provided with supplementary components.
29. The method of claim 28, wherein said supplementary components are provided at multiple intervals.
30. The method of claim 28 wherein said supplementary components are selected from a group consisting of hormones and/or other growth factors, particular ions (such as sodium, chloride, calcium, magnesium, and phosphate), buffers, vitamins, nucleosides or nucleotides, trace elements (inorganic compounds usually present at very low final concentrations), amino acids, lipids, or glucose or other energy source.

~~31. A method of producing a polypeptide in a large scale production cell culture comprising steps of:~~

- ~~— providing a cell culture comprising:~~
- ~~— mammalian cells that contain a gene encoding a polypeptide of interest, which gene is expressed under condition of cell culture; and~~
- ~~— a defined medium containing glutamine and having at least two medium characteristics selected from the group consisting of: i) a starting amino acid concentration greater than 70 mM, ii) a molar glutamine to asparagine ratio of less than 2, iii) a molar glutamine to total amino acid ratio of less than 0.2, iv) a molar inorganic ion to total amino acid ratio between 0.4 to 1, and v) a combined glutamine and asparagine concentration greater than 16 mM;~~
- ~~— maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce within a range of 20%–80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions;~~
- ~~— changing at least one of the culture conditions, so that a second set of culture conditions is applied;~~
- ~~— maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.~~

~~32.—A method of producing a polypeptide in a large scale production cell culture comprising steps of;~~
~~——providing a cell culture comprising;~~
~~——mammalian cells that contain a gene encoding a polypeptide of interest, which gene is expressed under condition of cell culture; and~~
~~70 mM, ii) a molar glutamine to asparagine ratio of less than 2, iii) a molar glutamine to total amino acid ratio of less than 0.2, iv) a molar inorganic ion to total amino acid ratio between 0.4 to 1, v) a combined glutamine and asparagine concentration greater than 16 mM;~~
~~——maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce within a range of 20%–80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions;~~
~~——changing at least one of the culture conditions, so that a second set of culture conditions is applied;~~
~~——maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.~~

33. The method of claim 1, 2, 5, 7 or 8, wherein said medium has ~~comprises a medium containing glutamine and having a~~ medium characteristics s ~~selected from the group consisting of:~~ (i) ~~a starting amino acid concentration greater than 70 mM,~~ (ii) a molar starting glutamine to starting asparagine ratio of less than 2, ~~(iii)~~ and (ii) a molar starting glutamine to starting total amino acid ratio of less than 0.2, ~~(iv) a molar starting inorganic ion to starting total amino acid ratio 20 between 0.4 to 1,~~ (v) a combined starting glutamine and starting asparagine concentration greater than 16 mM, and combinations thereof.

34. The method of any one of claims 1-2 or ~~31~~-33, wherein:

lactate levels are lower than those levels observed under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic;

ammonium levels are lower than those levels observed under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic; and

total amount of produced polypeptide is at least as high as that observed under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic.

35. The method of claim 1, wherein said culture is not supplemented with additional components over the course of producing said polypeptide.

36. The method of claim 1, wherein glycylglutamine is substituted for glutamine in said culture.

37. The method of claim 1, [2, 5, 7, 8 or 33](#), wherein the cumulative total amount of histidine, isoleucine, leucine, methionine, phenylalanine, tryptophan, tyrosine, and proline per unit volume in said medium is greater than approximately 25 mM.

38. The method of claim 1, [2, 5, 7, 8 or 33](#), wherein the cumulative total amount of histidine, isoleucine, leucine, methionine, phenylalanine, tryptophan, tyrosine, and proline per unit volume in said medium is greater than approximately 35 mM.

39. The method of claim 1, [2, 5, 7, 8, 33, 37 or 38](#), wherein said medium has ~~a~~-medium characteristics ~~s-selected from the group consisting~~ of:

(i) a cumulative total amount of histidine per unit volume greater than approximately 1.7 mM; [and](#)

(ii) a cumulative total amount of isoleucine per unit volume greater than approximately 3.5 mM; [and](#)

(iii) a cumulative total amount of leucine per unit volume greater than approximately 5.5 mM; [and](#)

(iv) a cumulative total amount of methionine per unit volume greater than approximately 2.0 mM; [and](#)

(v) a cumulative total amount of phenylalanine per unit volume greater than approximately 2.5 mM; [and](#)

(vi) a cumulative total amount of proline per unit volume greater than approximately 2.5 mM; [and](#)

(vii) a cumulative total amount of tryptophan per unit volume greater than approximately 1.0 mM; and

(viii) a cumulative total amount of tyrosine per unit volume greater than approximately 2.0 mM.

40. The method of claim 1, [2, 5, 7, 8, 33, 37, 38 or 39](#), wherein the cumulative total amount of serine per unit volume in said medium is greater than approximately 10 mM.

41. The method of claim 1, wherein the cumulative total amount of asparagine per unit volume in said medium is greater than approximately 8 mM.

42. The method of claim 1, [2, 5, 7, 8, 33, 37, 38, 39 or 40](#), wherein the cumulative total amount of asparagine per unit volume in said medium is greater than approximately 12 mM.

43. The method of claim 1, wherein the cumulative total amount of phosphorous per unit volume in said medium is greater than approximately 5 mM.

44. The method of claim 1, wherein the cumulative total amount of glutamate per unit volume in said medium is less than approximately 1 mM.

45. The method of claim 1, [2, 5, 7, 8, 33, 37, 38, 39, 40 or 42](#), wherein the cumulative total amount of calcium pantothenate per unit volume in said medium is greater than approximately 20 mg/L.

46. The method of claim 1, [2, 5, 7, 8, 33, 37, 38, 39, 40, 42 or 45](#), wherein the cumulative total amount of nicotinamide per unit volume in said medium is greater than approximately 25 mg/L.

47. The method of claim 1, wherein the cumulative total amount of pyridoxine and pyridoxal per unit volume in said medium is greater than approximately 35 mg/L.

48. The method of claim 1, wherein the cumulative total amount of riboflavin per unit volume in said medium is greater than approximately 2.0 mg/L.

49. The method of claim 1, [2, 5, 7, 8, 33, 37, 38, 39, 40, 42, 45 or 46](#), wherein the cumulative total amount of thiamine hydrochloride per unit volume in said medium is greater than approximately 35 mg/L.

~~50.—The method of any of claims 1-8 or claims 9-33 or claims 35-49, wherein the polypeptide is anti-GDF-8.~~

~~51.—The method of any of claims 1-8 or claims 9-33 or claims 35-49, wherein the polypeptide is anti-LewY.~~

~~52.—The method of claim 34, wherein the polypeptide is anti-GDF-8.~~

~~53.—The method of claim 34, wherein the polypeptide is anti-LewY.~~

54. A method of any one of claims 1, [or 2](#), ~~31, or 32~~, wherein the produced polypeptide is isolated and/or purified for use as or in the preparation of pharmaceuticals.

55. The method of any one of claims 1, [or 2](#), ~~31, or 32~~, substantially as hereinbefore described with reference to any of the examples and/or figures.

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:

1. A method of producing a polypeptide wherein the polypeptide is a dimeric fusion protein consisting of the extracellular ligand-binding portion of the human tumor necrosis factor receptor 2 (TNFR-2) linked to the Fc portion of IgG1 in a large-scale production cell culture comprising the steps of:
 - providing a cell culture comprising:
 - mammalian cells that contain a gene encoding the polypeptide, which gene is expressed under condition of cell culture; and
 - a medium containing glutamine and having medium characteristics: (i) a cumulative amino acid amount per unit volume greater than 70 mM, (ii) a molar cumulative glutamine to cumulative asparagine ratio of less than 2, and (iii) a molar cumulative glutamine to cumulative total amino acid ratio of less than 0.2;
 - maintaining said culture in an initial growth phase under a first set of culture conditions for a first period of time sufficient to allow said cells to reproduce to a viable cell density within a range of 20%-80% of the maximal possible viable cell density if said culture were maintained under the first set of culture conditions;
 - changing at least one of the culture conditions, so that a second set of culture conditions is applied;
 - maintaining said culture for a second period of time under the second set of conditions and for a second period of time so that the polypeptide accumulates in the cell culture.
2. A method of claim 1 wherein said medium has a combined cumulative amount of glutamine and asparagine per unit volume of either: (a) between 16 mM and 36 mM; or (b) 36 mM or above.
3. The method of claim 1, wherein said cell culture condition in said changing at least one of the culture conditions step is selected from the group consisting of: (i) temperature, (ii) pH, (iii) osmolality, (iv) chemical inductant level, and combinations thereof.
4. The method of claim 1, wherein the initial glutamine concentration of said medium is less than or equal to 10 mM.

5. The method of claim 1 or 2, wherein the initial glutamine concentration of said medium is less than or equal to 4 mM.
6. The method of claim 1, wherein the total cumulative amount per unit volume of glutamine of said medium is less than or equal to 10 mM.
7. The method of claim 1, 2 or 5, wherein the total cumulative amount per unit volume of glutamine of said medium is less than or equal to 4 mM.
8. The method of claim 1, 2, 5 or 7, wherein glutamine is only provided in the initial medium at the beginning of the cell culture.
9. The method of claim 1, wherein the initial density of said mammalian cells is at least 2×10^5 cells/mL.
10. The method of claim 1, wherein the initial density of said mammalian cells is at least 2×10^6 cells/mL.
11. The method of claim 1, wherein the step of providing comprises providing at least 1000 L of a culture.
12. The method of claim 1, wherein the step of providing comprises providing at least 10,000 L of a culture.
13. The method of claim 1, wherein said first set of conditions comprises a first temperature range that is approximately 30 to 42 degrees Celsius.
14. The method of claim 1, wherein said first set of conditions comprises a first temperature range that is approximately 37 degrees Celsius.
15. The method of claim 1, wherein said second set of conditions comprises a second temperature range that is approximately 25 to 41 degrees Celsius.

16. The method of claim 1, wherein said second set of conditions comprises a second temperature range that is approximately 29 to 35 degrees Celsius.
17. The method of claim 1, wherein said second set of conditions comprises a second temperature range that is approximately 31 degrees Celsius.
18. The method of claim 1, further comprising a second changing step subsequent to first said changing at least one of the culture conditions comprising changing at least one of the culture conditions, so that a third set of conditions is applied to the culture.
19. The method of claim 18, wherein the second changing step comprises changing at least one culture condition selected from the group consisting of: (i) temperature, (ii) pH, (iii) osmolality, (iv) chemical inductant level, and combinations thereof.
20. The method of claim 18, wherein said third set of conditions comprises a third temperature range that is approximately 27 to 37 degrees Celsius.
21. The method of claim 1, wherein said first period of time is between 1-7 days.
22. The method of claim 1, wherein said first period of time is approximately 4 days.
23. The method of claim 1, wherein the total of said first period of time and said second period of time is at least 5 days.
24. The method of claim 1, wherein in the step of maintaining said culture for a second period of time, the lactate level decreases subsequent to the lactate level in the culture reaching a maximal level.
25. The method of claim 1, wherein in the step of maintaining said culture for a second period of time, the ammonium level decreases subsequent to the ammonium level in the culture reaching a maximal level.

26. The method of claim 1, wherein said total amount of said produced polypeptide is at least 1.5-fold higher than the amount of polypeptide produced under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic.
27. The method of claim 1, wherein said total amount of said produced polypeptide is at least 2-fold higher than the amount of polypeptide produced under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic.
28. The method of claim 1, wherein said cell culture is further provided with supplementary components.
29. The method of claim 28, wherein said supplementary components are provided at multiple intervals.
30. The method of claim 28 wherein said supplementary components are selected from a group consisting of hormones and/or other growth factors, particular ions (such as sodium, chloride, calcium, magnesium, and phosphate), buffers, vitamins, nucleosides or nucleotides, trace elements (inorganic compounds usually present at very low final concentrations), amino acids, lipids, or glucose or other energy source.
33. The method of claim 1, 2, 5, 7 or 8, wherein said medium has medium characteristics (i) a molar starting glutamine to starting asparagine ratio of less than 2, and (ii) a molar starting glutamine to starting total amino acid ratio of less than 0.2.
34. The method of any one of claims 1-2 or 33, wherein:
lactate levels are lower than those levels observed under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic;
ammonium levels are lower than those levels observed under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic; and
total amount of produced polypeptide is at least as high as that observed under otherwise identical conditions in otherwise identical medium that lacks said medium characteristic.

35. The method of claim 1, wherein said culture is not supplemented with additional components over the course of producing said polypeptide.
36. The method of claim 1, wherein glycylglutamine is substituted for glutamine in said culture.
37. The method of claim 1, 2, 5, 7, 8 or 33, wherein the cumulative total amount of histidine, isoleucine, leucine, methionine, phenylalanine, tryptophan, tyrosine, and proline per unit volume in said medium is greater than approximately 25 mM.
38. The method of claim 1, 2, 5, 7, 8 or 33, wherein the cumulative total amount of histidine, isoleucine, leucine, methionine, phenylalanine, tryptophan, tyrosine, and proline per unit volume in said medium is greater than approximately 35 mM.
39. The method of claim 1, 2, 5, 7, 8, 33, 37 or 38, wherein said medium has medium characteristics of:
- (i) a cumulative total amount of histidine per unit volume greater than approximately 1.7 mM; and
 - (ii) a cumulative total amount of isoleucine per unit volume greater than approximately 3.5 mM; and
 - (iii) a cumulative total amount of leucine per unit volume greater than approximately 5.5 mM; and
 - (iv) a cumulative total amount of methionine per unit volume greater than approximately 2.0 mM; and
 - (v) a cumulative total amount of phenylalanine per unit volume greater than approximately 2.5 mM; and
 - (vi) a cumulative total amount of proline per unit volume greater than approximately 2.5 mM; and
 - (vii) a cumulative total amount of tryptophan per unit volume greater than approximately 1.0 mM; and
 - (viii) a cumulative total amount of tyrosine per unit volume greater than approximately 2.0 mM.

40. The method of claim 1, 2, 5, 7, 8, 33, 37, 38 or 39, wherein the cumulative total amount of serine per unit volume in said medium is greater than approximately 10 mM.
41. The method of claim 1, wherein the cumulative total amount of asparagine per unit volume in said medium is greater than approximately 8 mM.
42. The method of claim 1, 2, 5, 7, 8, 33, 37, 38, 39 or 40, wherein the cumulative total amount of asparagine per unit volume in said medium is greater than approximately 12 mM.
43. The method of claim 1, wherein the cumulative total amount of phosphorous per unit volume in said medium is greater than approximately 5 mM.
44. The method of claim 1, wherein the cumulative total amount of glutamate per unit volume in said medium is less than approximately 1 mM.
45. The method of claim 1, 2, 5, 7, 8, 33, 37, 38, 39, 40 or 42, wherein the cumulative total amount of calcium pantothenate per unit volume in said medium is greater than approximately 20 mg/L.
46. The method of claim 1, 2, 5, 7, 8, 33, 37, 38, 39, 40, 42 or 45, wherein the cumulative total amount of nicotinamide per unit volume in said medium is greater than approximately 25 mg/L.
47. The method of claim 1, wherein the cumulative total amount of pyridoxine and pyridoxal per unit volume in said medium is greater than approximately 35 mg/L.
48. The method of claim 1, wherein the cumulative total amount of riboflavin per unit volume in said medium is greater than approximately 2.0 mg/L.
49. The method of claim 1, 2, 5, 7, 8, 33, 37, 38, 39, 40, 42, 45 or 46, wherein the cumulative total amount of thiamine hydrochloride per unit volume in said medium is greater than approximately 35 mg/L.
54. A method of any one of claims 1 or 2, wherein the produced polypeptide is isolated and/or purified for use as or in the preparation of pharmaceuticals.

55. The method of any one of claims 1 or 2, substantially as hereinbefore described with reference to any of the examples and/or figures.