



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

<u>ITEM</u>	<u>INID</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 24 Jan 2023 .

<p>(71) Allen, P.; Kulkarni, A. (21) 2023900172 (22) 25.01.2023 (54) Anti-suicide Capture Device - Rail impact abatement (attenuator)</p>	<p>(71) Bionic Vision Technologies (21) 2023900179 (22) 25.01.2023 (54) Method of operating visual sensory device</p>	<p>such as Powers-of-Attorney including where functionality is "outsourced" to non-statutory processing but needing to be of sufficient quality (devices, process, location, authority, time etc).</p>
<p>(71) Aroa Biosurgery Limited (21) 2023900186 (22) 27.01.2023 (54) METHODS AND AGENTS FOR TREATING TISSUE ISCHEMIA AND ASSOCIATED DISEASES AND CONDITIONS</p>	<p>(71) Burstsafte Pty Ltd (21) 2023900160 (22) 24.01.2023 (54) Plumbing connector</p>	<p>(71) Dedov, V. (21) 2023900183 (22) 26.01.2023 (54) The Smart System for Gait Rehabilitation</p>
<p>(71) Aroa Biosurgery Limited (21) 2023900187 (22) 27.01.2023 (54) METHODS AND AGENTS FOR TREATING SOFT TISSUE INFLAMMATION AND ASSOCIATED DISEASES AND CONDITIONS</p>	<p>(71) Carbonaught Pty Ltd (21) 2023900159 (22) 24.01.2023 (54) Method of measuring an additive weathering rate in a soil substrate</p>	<p>(71) Dendo Systems Pty Ltd (21) 2023900194 (22) 27.01.2023 (54) Limit Setting Method for Retrofittable Curtain Motor</p>
<p>(71) Aroa Biosurgery Limited (21) 2023900188 (22) 27.01.2023 (54) METHODS AND AGENTS FOR TREATING RESPIRATORY INFLAMMATION AND ASSOCIATED DISEASES AND CONDITIONS</p>	<p>(71) ClearVue Technologies Ltd (21) 2023900173 (22) 25.01.2023 (54) A WINDOW FOR A BUILDING OR STRUCTURE</p>	<p>(71) Dendo Systems Pty Ltd (21) 2023900195 (22) 27.01.2023 (54) Control Method for Retrofittable Curtain Motor</p>
<p>(71) Asytec Pty Ltd (21) 2023900176 (22) 25.01.2023 (54) A SEED PACKING MACHINE</p>	<p>(71) Cripps Clark, J. (21) 2023900144 (22) 22.01.2023 (54) TranVec is an extension to block chain processing (for consistent asynchronous, non-linear, localized, state-driven and/or condition-based procedural-ity in distributed systems (and enabling safer application of AI learning)) that interprets data items in a consistent and localized way, systematically tailored to specific devices, able to be updated along with other block chain structures and easily used in other beneficial ways.</p>	<p>(71) Dodd, D. (21) 2023900182 (22) 26.01.2023 (54) Hair Disentangler Conditioner</p>
<p>(71) AxxSe Pty Ltd (21) 2023900161 (22) 24.01.2023 (54) Electronic locking mechanism</p>	<p>(71) Cripps Clark, J. (21) 2023900197 (22) 29.01.2023 (54) PoA is an extension to block chain processing (ie for consistent asynchronous, non-linear, localized, state-driven and/or condition-based procedural-ity in distributed systems (and enabling safer application of AI learning)) making it compatible with peer-to-peer processing easily maintainable and sufficient for high stakes legal processes</p>	<p>(71) Dojlida, P. (21) 2023900198 (22) 30.01.2023 (54) A controllable brain-machine interface device</p>
<p>(71) Biddington, J.; Jones, F. (21) 2023900171 (22) 25.01.2023 (54) Games apparatus and method of playing a game</p>	<p>(71) Frater, N. (21) 2023900189 (22) 27.01.2023 (54) A handheld biceps and triceps exercise device</p>	<p>(71) Dojlida, P. (21) 2023900199 (22) 30.01.2023 (54) A brain-machine interface apparatus</p>
		<p>(71) HOTI, M. (21) 2023900175 (22) 25.01.2023 (54) MEMORABILIA STORAGE DEVICE</p>

Provisional Applications Filed - Name Index cont'd

(71) Howard, N.
 (21) 2023900164 (22) 24.01.2023
 (54) An accountability app for the hair and beauty industry.

Jones, F. see Biddington, J.
 (21) 2023900171

(71) Khan, R.
 (21) 2023900123 (22) 20.01.2023
 (54) Tracking of Security Officer on Map

(71) Krytambea Pty Ltd
 (21) 2023900166 (22) 24.01.2023
 (54) Storage apparatus for caulking cartridges

Kulkarni, A. see Allen, P.
 (21) 2023900172

(71) Lam, T.T.
 (21) 2023900149 (22) 23.01.2023
 (54) CIRCULAR ORBIT BASED WAVE ENERGY SYSTEM FOR UTILITY SCALE POWER PLANTS

(71) McNally, A.
 (21) 2023900196 (22) 28.01.2023
 (54) Vapor sizing charge separator

(71) MORSE MICRO PTY. LTD.
 (21) 2023900178 (22) 25.01.2023
 (54) Methods and Devices of Packet Detection for MIMO Systems

(71) Natural Corporation Pty Ltd
 (21) 2023900184 (22) 26.01.2023
 (54) Spreader Bar

(71) PERFORMANCE K9
 (21) 2023900165 (22) 24.01.2023
 (54) Animal Harness

(71) Peter MacCallum Cancer Institute
 (21) 2023900201 (22) 30.01.2023
 (54) A method of treatment

(71) Romar Engineering Pty Ltd
 (21) 2023900174 (22) 25.01.2023
 (54) METHODS FOR PRODUCING MICRO-PROJECTION ARRAYS

(71) Royal Melbourne Institute of Technology
 (21) 2023900163 (22) 24.01.2023
 (54) Catalyst for electrolysis

(71) Scolaro, A.
 (21) 2023900200 (22) 30.01.2023
 (54) A Clean Energy Drive

(71) Stewart, M.
 (21) 2023900150 (22) 23.01.2023
 (54) A SYSTEM AND METHOD OF PROVIDING ASSISTANCE TO USERS IN CONFLICT OR CRISIS SITUATIONS

(71) Subrib Pty Ltd
 (21) 2023900168 (22) 24.01.2023
 (54) APPARATUS FOR ASSISTING IN PREVENTING EROSION OF A SURFACE SURROUNDING A STRUCTURE

(71) SULLIVAN, B.
 (21) 2023900167 (22) 24.01.2023
 (54) SYSTEM FOR RAISING AND LOWERING SMALL WATERCRAFT

(71) Systems IP Pty Ltd
 (21) 2023900191 (22) 27.01.2023
 (54) Sports game with associated characters

(71) TERITAITI, C.
 (21) 2023900177 (22) 25.01.2023
 (54) A TROWEL FOR USE IN LAYING BRICKS

(71) The University of Western Australia
 (21) 2023900190 (22) 27.01.2023
 (54) In-line solids deposition sensor

(71) Tritium Holdings Pty Ltd
 (21) 2023900180 (22) 25.01.2023
 (54) Electric Vehicle Charging System

(71) Visionary Machines Pty Ltd
 (21) 2023900169 (22) 24.01.2023
 (54) SYSTEMS AND METHODS FOR AUTOMATICALLY CALIBRATING CAMERAS WITHIN CAMERA ARRAYS

(71) Visionary Machines Pty Ltd
 (21) 2023900170 (22) 24.01.2023
 (54) SYSTEMS AND METHODS FOR CALIBRATING CAMERAS AND CAMERA ARRAYS

(71) Visionary Machines Pty Ltd
 (21) 2023900181 (22) 26.01.2023
 (54) SYSTEMS AND METHODS FOR STORING, INTERROGATING AND/OR REFINING TEMPORAL SPATIAL INFORMATION

(71) WEVENTION PTY LTD
 (21) 2023900192 (22) 27.01.2023
 (54) Media files matching approach with the help of computer vision/machine learning to discover like-minded people for social interactions.

(71) YePP Australia Pty Ltd
 (21) 2023900193 (22) 27.01.2023
 (54) OARLOCK AND A METHOD OF DISPLAYING ROWING DATA

Numerical Index

2023900123	Khan, R.
2023900144	Cripps Clark, J.
2023900149	Lam, T.T.
2023900150	Stewart, M.
2023900159	Carbonaught Pty Ltd
2023900160	Burstsafe Pty Ltd
2023900161	AxxSe Pty Ltd
2023900163	Royal Melbourne Institute of Technology
2023900164	Howard, N.
2023900165	PERFORMANCE K9
2023900166	Krytambea Pty Ltd
2023900167	SULLIVAN, B.
2023900168	Subrib Pty Ltd
2023900169	Visionary Machines Pty Ltd
2023900170	Visionary Machines Pty Ltd
2023900171	Biddington, J.; Jones, F.
2023900172	Allen, P.; Kulkarni, A.
2023900173	ClearVue Technologies Ltd
2023900174	Romar Engineering Pty Ltd
2023900175	HOTI, M.
2023900176	Asytec Pty Ltd
2023900177	TERITAITI, C.
2023900178	MORSE MICRO PTY. LTD.
2023900179	Bionic Vision Technologies
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2023900182	Dodd, D.
2023900183	Dedov, V.
2023900184	Natural Corporation Pty Ltd
2023900186	Aroa Biosurgery Limited
2023900187	Aroa Biosurgery Limited
2023900188	Aroa Biosurgery Limited
2023900189	Frater, N.
2023900190	The University of Western Australia
2023900191	Systems IP Pty Ltd
2023900192	WEVENTION PTY LTD
2023900193	YePP Australia Pty Ltd
2023900194	Dendo Systems Pty Ltd
2023900195	Dendo Systems Pty Ltd
2023900196	Mcnally, A.
2023900197	Cripps Clark, J.
2023900198	Dojlida, P.
2023900199	Dojlida, P.
2023900200	Scolaro, A.
2023900201	Peter MacCallum Cancer Institute

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 24 Jan 2023 .

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

<hr/> <p>(71) Above the Fold, LLC (21) 2023200133 (22) 11.01.2023 (54) Systems for tracking medications (62) 2017219863</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2023200218 (22) 17.01.2023 (54) TGF-beta receptor type II fusion proteins and uses thereof (62) 2018261131</p> <hr/> <p>(71) Acura Pharmaceuticals, Inc. (21) 2023200124 (22) 11.01.2023 (54) Self-regulated release of active pharmaceutical ingredient (62) 2020210206</p> <hr/> <p>(71) AFL Telecommunications LLC (21) 2023200219 (22) 17.01.2023 (54) A high density patch panel with modular cassettes (62) 2018291959</p> <hr/> <p>(71) Air Products and Chemicals, Inc. (21) 2023200192 (22) 16.01.2023 (54) FLUE GAS DECARBONIZATION (31) 63/301,520 (32) 21.01.22 (33) US 17/751,081 23.05.22 US</p> <hr/> <p>(71) Alcon Inc. (21) 2023200203 (22) 16.01.2023 (54) HEAT TUNABLE INTRAOCULAR LENS (62) 2017331556</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2023200132 (22) 11.01.2023 (54) Complement component C5 iRNA compositions and methods of use thereof (62) 2020204161</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023200139 (22) 12.01.2023 (54) MANAGEMENT SYSTEM AND GAMING CURRENCY (31) 2022-003598 (32) 13.01.22 (33) JP</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023200176 (22) 13.01.2023</p>	<p>(54) Inspection system, inspecting device and gaming chip (62) 2017261620</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2023200141 (22) 12.01.2023 (54) Syringe tip cap (62) 2020315548</p> <hr/> <p>(71) Beijing Baidu Netcom Science Technology Co., Ltd. (21) 2023200143 (22) 12.01.2023 (54) Quantum chip and construction method and construction apparatus thereof (31) 202210031570.1 (32) 12.01.22 (33) CN</p> <hr/> <p>(71) Biomim (21) 2023200201 (22) 16.01.2023 (54) Small Button/Coin Battery Safety Design</p> <hr/> <p>(71) Blue Skies Global LLC (21) 2023200217 (22) 17.01.2023 (54) Regenerative media filtration (62) 2019237520</p> <hr/> <p>(71) Boston Scientific Scimed, Inc. (21) 2023200157 (22) 12.01.2023 (54) Hemostasis clip two stage deployment mechanism to eliminate shed parts (62) 2020316063</p> <hr/> <p>(71) Cala Health, Inc. (21) 2023200185 (22) 13.01.2023 (54) Systems and methods for stimulating n nerves with exactly n electrodes and improved dry electrodes (62) 2017293799</p> <hr/> <p>CHEN, W. see CHEN, H. (21) 2023200153</p> <hr/> <p>(71) CHEN, H.; CHEN, W. (21) 2023200153 (22) 12.01.2023 (54) Large-flow floor drain having cup-shaped inner container (62) 2018382106</p> <hr/> <p>(71) Crystal Lagoons (Curacao) B.V. (21) 2023200182 (22) 13.01.2023 (54) A publicly accessible urban beach entertainment complex with a centerpiece</p>	<p>man-made tropical-style lagoon and method for providing efficient utilization of limited use land (62) 2021201713</p> <hr/> <p>(71) Daifuku Co., Ltd. (21) 2023200202 (22) 16.01.2023 (54) Elevating device (31) 2022-006657 (32) 19.01.22 (33) JP</p> <hr/> <p>(71) DeRoyal Industries, Inc (21) 2023200220 (22) 17.01.2023 (54) EYE SHIELD FRAME WITH IMPROVED FIT (31) 17/592,591 (32) 04.02.22 (33) US</p> <hr/> <p>(71) Dolby International AB (21) 2023200174 (22) 13.01.2023 (54) Audio encoder and decoder (62) 2020281040</p> <hr/> <p>(71) Donaldson Company, Inc. (21) 2023200151 (22) 12.01.2023 (54) Air filter element (62) 2017347988</p> <hr/> <p>(71) Duracell U.S. Operations, Inc. (21) 2023200149 (22) 12.01.2023 (54) BATTERY INCLUDING BETA-DE-LITHIATED LAYERED NICKEL OXIDE ELECTROCHEMICALLY ACTIVE CATHODE MATERIAL (62) 2018266709</p> <hr/> <p>(71) Elta Systems Ltd (21) 2023200169 (22) 13.01.2023 (54) Quantum Tracking Method and Apparatus (31) 290224 (32) 30.01.22 (33) IL</p> <hr/> <p>(71) Enable Injections, Inc. (21) 2023200184 (22) 13.01.2023 (54) RECONSTITUTION DEVICE, SYSTEM AND METHOD (62) 2018230507</p> <hr/> <p>(71) ESCO Group LLC (21) 2023200147 (22) 12.01.2023 (54) A wear part for earth working equipment (62) 2017261340</p>
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(71) ETA Green Power Limited
(21) 2023200168 (22) 13.01.2023
(54) A METHOD OF MANUFACTURING
A STATOR FOR A SLOTLESS ELEC-
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(31) 2200661.3 (32) 19.01.22 (33) GB

(71) Fisher & Paykel Healthcare Limited
(21) 2023200210 (22) 16.01.2023
(54) HEADGEAR
(62) 2021203214

(71) Fisher and Paykel Healthcare Limited
(21) 2023200166 (22) 13.01.2023
(54) Water out alarm determination

(71) Futura IP Limited
(21) 2023200216 (22) 17.01.2023
(54) Boat trailer construction components
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(62) 2021372308

(71) General Electric Company
(21) 2023200140 (22) 12.01.2023
(54) Sucker rod pumping unit and method of
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(62) 2017248641

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(21) 2023200134

(71) HONEYWELL INTERNATIONAL INC.
(21) 2023200181 (22) 13.01.2023
(54) PERFORMANCE METRIC ASSUR-
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(31) 17/581,405 (32) 21.01.22 (33) US

(71) Hsu, J.
(21) 2023200190 (22) 13.01.2023
(54) QUICK RELEASE STRUCTURE OF
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(31) 111109024 (32) 11.03.22 (33) TW

(71) iAxept Limited
(21) 2023200221 (22) 17.01.2023
(54) Remote transaction system, method
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(62) 2020260506

(71) iCahn School of Medicine at Mount
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(21) 2023200152 (22) 12.01.2023
(54) ROBOT MOUNTED CAMERA REGIS-
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(62) 2020282347

(71) Incept, LLC
(21) 2023200212 (22) 16.01.2023

(54) Drug delivery from hydrogels
(62) 2020294200

(71) Jetoptera, Inc.
(21) 2023200178 (22) 13.01.2023
(54) Configuration for vertical take-off and
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(62) 2017274156

(71) jsk
(21) 2023200297 (22) 19.01.2023
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(61) 2022263472

(71) KABUSHIKI KAISHA TOYOTA
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(21) 2023200209 (22) 16.01.2023
(54) Internal combustion engine
(31) 2022-009972 (32) 26.01.22 (33) JP

(71) LG Electronics Inc.
(21) 2023200142 (22) 12.01.2023
(54) DISPLAY DEVICE AND METHOD FOR
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(31) 10-2022-0005155 (32) 13.01.22 (33) KR

(71) LG Electronics Inc.
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(54) DISPLAY DEVICE
(31) 10-2022-0009664 (32) 24.01.22 (33) KR

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(71) MannKind Corporation
(21) 2023200146 (22) 12.01.2023
(54) A DRY POWDER INHALER AND SYS-
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(62) 2020239708

(71) Mars Engineers Pty Ltd
(21) 2023200205 (22) 16.01.2023
(54) ROLLER BEARING SUPPORT AP-
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(71) Metso Sweden AB
(21) 2023200199 (22) 16.01.2023
(54) A LINING ARRANGEMENT, AND A
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TURE
(62) 2017327766

(71) ModernaTX, Inc.
(21) 2023200127 (22) 11.01.2023
(54) MODIFIED NUCLEOSIDES, NUCLE-
OTIDES, AND NUCLEIC ACIDS, AND
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(62) 2021201508

(71) ModernaTX, Inc.
(21) 2023200136 (22) 11.01.2023
(54) Polynucleotides containing a stabilizing
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(62) 2016324463

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(21) 2023200152

(71) NAVICO HOLDING AS
(21) 2023200148 (22) 12.01.2023
(54) SYSTEMS AND METHODS FOR
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TRAILER
(31) 17/574,782 (32) 13.01.22 (33) US

(71) Next Level Racing Simulations Pty Ltd
(21) 2023200128 (22) 11.01.2023
(54) AN ADJUSTABLE SEAT AND METH-
OD OF USE THEREOF
(31) 2022900064 (32) 13.01.22 (33) AU

(71) Nicoventures Trading Limited
(21) 2023200214 (22) 17.01.2023
(54) Aerosol generating material character-
istic determination
(62) 2019333557

(71) OJI Holdings Corporation
(21) 2023200158 (22) 12.01.2023
(54) Corrugated cardboard material and cor-
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(62) 2020287947

(71) OJI Holdings Corporation
(21) 2023200159 (22) 12.01.2023
(54) Corrugated cardboard material and cor-
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(62) 2020287947

(71) OJI Holdings Corporation
(21) 2023200160 (22) 12.01.2023
(54) Corrugated cardboard material and cor-
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(62) 2020287947

(71) Partridge, J.
(21) 2023200165 (22) 12.01.2023
(54) A PHOTOTHERAPY DEVICE AND
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(31) 2022900616 (32) 14.03.22 (33) AU
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(71) Pioneer Hi-Bred International, Inc.
(21) 2023200211 (22) 16.01.2023
(54) MANIPULATION OF DOMINANT MALE
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(62) 2020202241

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- (71) Qvinci Software, LLC
(21) 2023200162 (22) 12.01.2023
(54) METHODS AND APPARATUS FOR THE ANALYZING, MANIPULATING, FORMATING, TEMPLATING, STYLING AND/OR PUBLISHING OF DATA COLLECTED FROM A PLURALITY OF SOURCES
(62) 2020257057
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- (71) Rado, J.
(21) 2023200173 (22) 13.01.2023
(54) Ganja Army Hemp Fabric Print
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- (71) REC DIŞ TİCARET LİMİTED ŞİRKETİ
(21) 2023200144 (22) 12.01.2023
(54) A MECHANISM THAT ALLOWS SEQUENTIAL OPERATION OF THE SEMI-AUTOMATIC FIREARM WITH THE LEVER
(31) 2022/007262 (32) 01.05.22 (33) TR
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- (71) Reeves Wireline Technologies Limited
(21) 2023200187 (22) 13.01.2023
(54) A method of and apparatus for logging boreholes
(62) 2018204042
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- (71) Rényi, G.; Giber, J.; Lovász, S.
(21) 2023200134 (22) 11.01.2023
(54) Modular built medical device for helping self-catheterization and/or instillation of drug-solutions into the bladder in female patients
(62) 2017236499
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- (71) Research Institute at Nationwide Children's Hospital
(21) 2023200175 (22) 13.01.2023
(54) Recombinant Adeno-Associated Virus Delivery Of Exon 2-Targeted U7snRNA Polynucleotide Constructs
(62) 2020217441
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- (71) ResMed Pty Ltd
(21) 2023200161 (22) 12.01.2023
(54) MASK SYSTEM
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- (71) Riordan, M.
(21) 2023200125 (22) 11.01.2023
(54) CRYOTHERAPY AND COMPRESSION SLEEVE AND METHODS OF USE
(62) 2016303520
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- (71) RMH Tech LLC
(21) 2023200130 (22) 11.01.2023
(54) MOUNTING SYSTEM TO MOUNT A PHOTOVOLTAIC MODULE TO A SURFACE OF A BUILDING AND SYSTEM
(62) 2019240320
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- (71) Royal Bank of Canada
(21) 2023200177 (22) 13.01.2023
(54) Synchronized processing of data by networked computing resources
(62) 2021200879
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- (71) Ruminant Biotech Corp Limited
(21) 2023200195 (22) 16.01.2023
(54) IMPROVEMENTS TO DEVICES AND METHODS FOR DELIVERY OF SUBSTANCES TO ANIMALS
(62) 2021221810
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- (71) Ruminant Biotech Corp Limited
(21) 2023200196 (22) 16.01.2023
(54) IMPROVEMENTS TO DEVICES AND METHODS FOR DELIVERY OF SUBSTANCES TO ANIMALS
(62) 2021221810
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- (71) Salk Institute for Biological Studies
(21) 2023200122 (22) 11.01.2023
(54) TUMOR-TARGETING SYNTHETIC AD-ENOVIRUSES AND USES THEREOF
(62) 2017375633
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- (71) Samsung Electronics Co., Ltd.
(21) 2023200150 (22) 12.01.2023
(54) REFRIGERATOR AND HOME APPLIANCE
(62) 2022206718
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- (71) Seminis Vegetable Seeds, Inc.
(21) 2023200197 (22) 16.01.2023
(54) Tomato Hybrid SVTH2868
(31) 17/579,198 (32) 19.01.22 (33) US
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- (71) SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
(21) 2023200164 (22) 12.01.2023
(54) SOLAR CELL, METHOD FOR MANUFACTURING THE SAME, AND PHOTOVOLTAIC MODULE
(62) 2021240193
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- (71) Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co. Ltd.
(21) 2023200126 (22) 11.01.2023
(54) PHOTOVOLTAIC MODULE
(62) 2021221523
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- (71) Sharp Kabushiki Kaisha
(21) 2023200194 (22) 16.01.2023
(54) Triggering of cell reselection evaluation process in non-terrestrial network
(31) 63/394,239 (32) 01.08.22 (33) US
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- (71) Shenzhen Hightide Biopharmaceutical, Ltd.
(21) 2023200123 (22) 11.01.2023
(54) COMPOSITION, AND APPLICATION AND PHARMACEUTICAL PREPARATION THEREOF
(62) 2016406709
-
- (71) Sleep Number Corporation
(21) 2023200215 (22) 17.01.2023
(54) Adjustable bed system having split-head configuration
(62) 2021201826
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- (71) Soin Neuroscience, LLC
(21) 2023200204 (22) 16.01.2023
(54) Adjustable random electrical stimulation technologies
(31) 63/305,530 (32) 01.02.22 (33) US
17/984,039 09.11.22 US
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- (71) Soin Neuroscience, LLC
(21) 2023200208 (22) 16.01.2023
(54) Electrode array for spatially random electrical stimulation
(31) 17/984,062 (32) 09.11.22 (33) US
-
- (71) SOLE, T.
(21) 2023200193 (22) 16.01.2023
(54) Multi-game Tile or Card Sets
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- (71) Sonos, Inc.
(21) 2023200179 (22) 13.01.2023
(54) Voice control of a media playback system
(62) 2021202786
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- (71) SPR Therapeutics, Inc.
(21) 2023200180 (22) 13.01.2023
(54) SYSTEMS AND METHODS RELATED TO THE TREATMENT OF BACK PAIN
(62) 2021201461
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- (71) Spruce Biosciences, Inc.
(21) 2023200189 (22) 13.01.2023
(54) Corticotropin releasing factor receptor antagonists
(62) 2018317398
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- (71) Sungrow Energy Storage Technology Co., Ltd.
(21) 2023200200 (22) 16.01.2023
(54) Fuse mounting structure and battery system
(31) 202220193512.4 (32) 24.01.22 (33) CN
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- (71) Takeda Pharmaceutical Company Limited
(21) 2023200156 (22) 12.01.2023
(54) Inhibitors of plasma Kallikrein and uses thereof
(62) 2018311976

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(71) Temple Therapeutics BV
 (21) 2023200154 (22) 12.01.2023
 (54) Dosing regimens for treating hypoxia-associated tissue damage
 (62) 2019297094

(71) The Boeing Company
 (21) 2023200186 (22) 13.01.2023
 (54) Quantum process parallelization
 (31) 17/649,034 (32) 26.01.22 (33) US

(71) The NOCO Company
 (21) 2023200163 (22) 12.01.2023
 (54) Lithium-ion battery management system (BMS) having diagonal arrangement
 (62) 2020263507

(71) Thomson Reuters Enterprise Centre GmbH
 (21) 2023200183 (22) 13.01.2023
 (54) Systems and methods for document deviation detection
 (62) 2019265874

(71) Tong, X.
 (21) 2023200206 (22) 16.01.2023
 (54) Adjustable Weight Dumbbells
 (31) 202210182814.6 (32) 27.02.22 (33) CN

(71) Transportation IP Holdings, LLC
 (21) 2023200167 (22) 13.01.2023
 (54) VEHICLE POWER SUPPLY SYSTEM
 (31) 17/653,738 (32) 07.03.22 (33) US

(71) University of Virginia Patent Foundation
 (21) 2023200213 (22) 16.01.2023
 (54) Improved accuracy continuous glucose monitoring method, system, and device
 (62) 2021200374

(71) Valsch Dynamic Mechatronics Ltd.
 (21) 2023200207 (22) 16.01.2023
 (54) REAR AXLE MOVEMENT DEVICE FOR TRUCK WITH LOWERABLE BED
 (31) 111103229 (32) 24.01.22 (33) TW

(71) W. L. Gore & Associates, Inc.
 (21) 2023200171 (22) 13.01.2023
 (54) A method of inserting a lubricant free stopper into a lubricant free barrel or a lubricant free cartridge tube and a system for assembling same
 (62) 2019386956

(71) XCEL IP Pty Ltd
 (21) 2023200155 (22) 12.01.2023

(54) FOLDABLE SOLAR POWER GENERATION DEVICE
 (31) 2022115731254 (32) 08.12.22 (33) CN
 2022232958160 08.12.22 CN

(71) Yanzhan Technology (Shanghai) Co., Ltd.
 (21) 2023200135 (22) 11.01.2023
 (54) SPLIT-TYPE HARD FRONT AXLE AND VEHICLE HAVING SAME
 (31) 202220245524.7 (32) 30.01.22 (33) CN

(71) Yanzhan Technology (Shanghai) Co., Ltd.
 (21) 2023200138 (22) 11.01.2023
 (54) SPLIT-TYPE HARD FRONT AXLE AND VEHICLE HAVING SAME
 (31) 202220246510.7 (32) 30.01.22 (33) CN

(71) ZHEJIANG DINGLI MACHINERY CO., LTD.
 (21) 2023200198 (22) 16.01.2023
 (54) SCISSORS LIFTING EQUIPMENT WITH HYDRAULIC BUFFER FOR MAINTENANCE AND CONTROL METHOD THEREOF
 (31) CN 2022111685581(32) 24.09.22 (33) CN

(71) ZHEJIANG DINGLI MACHINERY CO., LTD. [CN/CN]
 (21) 2023200145 (22) 12.01.2023
 (54) LINEAR ACTUATOR WITH CONTACT TYPE SAFETY NUT, AND AERIAL WORK PLATFORM
 (31) CN 2022111685539(32) 24.09.22 (33) CN

(71) ZHEJIANG DINGLI MACHINERY CO., LTD [CN/CN]
 (21) 2023200170 (22) 13.01.2023
 (54) LINEAR ACTUATOR WITH CONTACT TYPE SAFETY NUT AND FAULT DETECTION METHOD THEREOF
 (31) CN 2022111685628(32) 24.09.22 (33) CN

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 (21) 2023200164

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 (21) 2023200126

(71) Zhu, Y.
 (21) 2023200137 (22) 11.01.2023
 (54) A SINGLE-HOLE FLUSH TOILET

(71) Zimmer, Inc.
 (21) 2023200191 (22) 16.01.2023
 (54) CHEMICAL VAPOR INFILTRATION APPARATUS AND ASSEMBLY FOR

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 (31) 63/303,695 (32) 27.01.22 (33) US

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Applications listed below were processed through the Patent Office Canberra during the period ending 24 Jan 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) NAISH, S.
(21) 2023100006 (22) 27.01.2023
(54) Powder Shaker System
(62) 2022100056

(71) Whittingham, S.M.
(21) 2023100007 (22) 27.01.2023
(54) STIMULATING FOOD ITEM
(62) 2017204604

Numerical Index

2023100006 NAISH, S.

2023100007 Whittingham, S.M.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
- 18 Application Lapsed Reg. 3.2B(3),(5) or (6)
- 20 Patent Ceased Section 143A(b)/Reg. 22.2D(2) or (4)
- 21 Patent Ceased Section 101C(b)/Section 143A(c)/Reg. 9A.4
- 22 Patent Ceased Section 143A(d), or Expired
- 23 Patent Ceased Section 143A(e)
- 24 Application Lapsed Reg. 22.2E(2)
- 25 Application Lapsed Reg. 22.2I(2)
- 26 Application Lapsed Reg. 3.5AC(11)
- 27 Application Lapsed Reg. 3.5AF(2F)
- 28 Application Lapsed Reg. 22.15A(3)

- A Applications on which examination has not been requested or directed
- B Applications on which a direction to request examination has been given
- C Applications on which examination has been requested or on which an examination report has been issued
- D Applications which have been accepted or advertised accepted
- E Patents on which an examination has not been requested
- F Patents on which an examination has been requested or report issued
- G Patents Certified
- N Applications not Open to Public Inspection

2003

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Assignments before Grant, Section 113

2017

2017363838 Valorisation-HSJ, Limited Partnership; The Regents of the University of Michigan The application has been assigned to **Morphocell Technologies Inc.**

2018

2018313696 FORSBERG, Jonathan A. The application has been assigned to **MT INNOVATIONS, LLC.**

2019

2019236366 Lvndin o Lvndin AB The application has been assigned to **7H Mining AB**

2019264650 Neale, Bradley The application has been assigned to **Super Stubbie Pty Ltd**

2019273134 Valorisation-HSJ, Limited Partnership The application has been assigned to **Morphocell Technologies Inc.**

2019328662 Belyntic GmbH The application has been assigned to **Gyros Protein Technologies AB**

2019356907 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2019394080 Bausch Health Ireland Limited The application has been assigned to **Solta Medical Ireland Limited**

Assignments before Grant, Section 113

2019400030 Bausch Health Ireland Limited The application has been assigned to **Solta Medical Ireland Limited**

2020

2020208383 Guangzhou Miphre Medical Technology Co., Ltd. The application has been assigned to **Beijing Lado Technology Co., Ltd.**

2020325658 Belyntic GmbH The application has been assigned to **Gyros Protein Technologies AB**

2020427991 LG Electronics Inc. The application has been assigned to **Shangrao Jinko solar Technology Development Co., LTD**

2020433244 LG Electronics Inc. The application has been assigned to **Shangrao Jinko solar Technology Development Co., LTD**

2021

2021211999 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2021213110 Lonza Consumer Health Inc. The application has been assigned to **Lonza Greenwood LLC**

2021213722 Lonza Consumer Health Inc. The application has been assigned to **Lonza Greenwood LLC**

2021224768 SuperSonic Imagine; Hologic, Inc.; Laviola, John; St. Pierre, Shawn; Frascini, Christophe; Sportouche, Helene The application has been assigned to **Hologic, Inc.; SuperSonic Imagine**

2021234854 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2021237684 Bausch Health Ireland Limited The application has been assigned to **Solta Medical Ireland Limited**

2021240285 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2021272244 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2021282989 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2021290378 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022

2022200297 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022200299 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022200470 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

Assignments before Grant, Section 113

2022200471 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022200474 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022201656 SHANDONG AGRICULTURAL UNIVERSITY The application has been assigned to **SPRING VALLEY AGRISCIENCE**

2022202811 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022202815 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022252855 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022259701 Zillow, Inc. The application has been assigned to **MFTB Holdco, Inc.**

2022902243 KAMPSHOF, Liam; Bovonic Limited; CAMPBELL, Gary The application has been assigned to **Bovonic Limited**

2023

2023200135 Yanzhan Technology (Shanghai) Co., Ltd. The application has been assigned to **Shanghai Linghuo Trading Co., Ltd.**

2023200138 Yanzhan Technology (Shanghai) Co., Ltd. The application has been assigned to **Shanghai Linghuo Trading Co., Ltd.**

Extensions of Time, Section 223

Applications Allowed - Section 223(2)

2013

2013308155 **AWE spol. s r.o** The time in which to pay a renewal fee has been extended to 13 Sep 2022 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2014

2014235303 **Perfect Company, a Delaware corporation** The time in which to pay a renewal fee has been extended to 12 Oct 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016

2016202020 **Perfect Company, a Delaware corporation** The time in which to pay a renewal fee has been extended to 12 Oct 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017

2017264993 **Perfect Company, a Delaware corporation** The time in which to pay a renewal fee has been extended to 12 Oct 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions of Time, Section 223**2019**

2019100431 **Brett, J.** The time in which to pay a renewal fee has been extended to 24 Nov 2022 . Address for service - FORWARD INTEL-LECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2019200801 **Perfect Company, a Delaware corporation** The time in which to pay a renewal fee has been extended to 12 Oct 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2021

2021206918 **Immunogen, Inc.** The time in which to pay a continuation fee has been extended to 15 Sep 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021218058 **Slingshot Biosciences, Inc.** The time in which to pay a continuation fee has been extended to 08 Sep 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2022

2022221496 **PharmaEssentia Corporation** The time in which to extend the grace period has been extended to 29 Aug 2022 . Address for service - Eagar & Associates Pty Ltd Level 2 35-39 Scarborough Street Southport QLD 4215 AU

2022246471 **GT SYSTEMS PTY LTD** The time in which to request examination has been extended to 25 Jan 2023 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

Amendments**Applications for Amendment**

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

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

2017

2017265930 Mounting device for an explosive charge **Linear Shaped Limited** The nature of the amendment is as shown in the statement(s) filed 12 Jan 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017311409 Planar solid oxide fuel unit cell and stack **Upstart Power, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017344432 Surgical instrument having a surface texture **Alcon Inc.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 24 Jan 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017354873 Nitrogen-containing heterocyclic compounds as FXR modulators **Hepagene Therapeutics (HK) Limited** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018217434 Displaying content to users in a multiplayer venue **Immersive Robotics Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2019

2019309513 Lens for eyewear and other headworn supports having improved optics **Oakley, Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019324585 Using alternating electric fields to increase permeability of the blood brain barrier **NOVOCURE GmbH** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2020

2020271979 Patient-specific guide for total prosthetic knee revision **Medacta International SA** The nature of the amendment is as shown in the statement(s) filed 20 Jan 2023 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020396490 Anti-VEGF protein compositions and methods for producing the same **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2020397865 Anti-VEGF protein compositions and methods for producing the same **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2020398830 Anti-VEGF protein compositions and methods for producing the same **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

Amendments Made**2010**

2010313886 **Primeteh, A/S** The nature of the amendment is as shown in the statement filed 06 Oct 2022

2014

2014354643 **Redwood Bioscience, Inc.** The nature of the amendment is: Amend the name of the inventor to read Rabuka, David; Albers,

Amendments

Aaron Edward; Kudirka, Romas Alvydas; Garofalo, Albert W. and McFarland, Jesse M.

2017

2017201620 **Mick Murray Welding (N.T.) Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2017101939

2017264886 **AGCO Corporation** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2022

2017388999 **Perimetrix, LLC** The nature of the amendment is as shown in the statement(s) filed 05 Oct 2022

2017424879 **NTT DOCOMO, INC.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2022

2018

2018383662 **Inovio Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2022

2019

2019249468 **Rigaku Corporation** The nature of the amendment is: Amend the invention title to read QUANTITATIVE PHASE ANALYSIS DEVICE FOR ANALYZING NONCRYSTALLINE PHASES, QUANTITATIVE PHASE ANALYSIS METHOD FOR ANALYZING NON-CRYSTALLINE PHASES, AND QUANTITATIVE PHASE ANALYSIS PROGRAM FOR ANALYZING NON-CRYSTALLINE PHASES

2019370618 **Peter MacCallum Cancer Institute** The nature of the amendment is as shown in the statement(s) filed 11 Oct 2022

2019391645 **UPL Corporation Limited** The nature of the amendment is: Amend the name of the inventor to read LENZ, Giovan; BONNET, Marc; GONELLA, Luis Gustavo Rodrigues; VIEIRA DE CAMPOS, Luiz Carlos and RIBAS PERES, Carlos Eduardo

2020

2020213451 **THE CHEMOURS COMPANY FC, LLC** The nature of the amendment is: Amend the name of the inventor to read NAPPA, Mario Joseph; MINOR, Barbara Haviland and SIEVERT, Allen Capron

2020261073 **The Trustees of the University of Pennsylvania; Kira Pharmaceuticals (US) LLC** The nature of the amendment is: Remove the name of co-inventors ZHU, Yingjie and Zhu, Xihua

2020407302 **Molecular Plasma Group SA** The nature of the amendment is: Amend the name of the inventor to read SCHELTJENS, Gill; BOREK-DONTEN, Joanna; SCHONS, Bertrand and HEYBERGER, Régis

2020448005 **Takagi Co., Ltd.** The nature of the amendment is: Amend the invention title to read Faucet

2020448005 **Takagi Co., Ltd.** The nature of the amendment is as shown in the statements filed 20 Dec 2022 and 23 Jan 2023

2020454690 **Imunami Laboratories Pte. Ltd.** The nature of the amendment is as shown in the statement filed 15 Dec 2022

Amendments

2020455649 **HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read CHARGING/DISCHARGING EQUALIZATION CONTROL METHOD, BATTERY COMPONENT, AND ELECTRICITY CONSUMPTION SYSTEM

2021

2021206792 **Hilo Innovations, LLC** The nature of the amendment is as shown in the statement(s) filed 01 Nov 2022

2021224846 **Promaxo, Inc.** The nature of the amendment is: Amend the name of the inventor to read NACEV, Aleksandar; DONG, Hongli; PANDIAN, Sabareish Athiveera Rama; KUMAR, Dinesh and NOLTE, John

2021257823 **ID-Fish Technology, Inc.** The nature of the amendment is: Amend the name of a co-inventor to read LIU, Song

2021274591 **Nanjing Chervon Industry Co., Ltd.** The nature of the amendment is: Amend the invention title to read POWER UNIT

2021291726 **Psilo Scientific Ltd** The nature of the amendment is: Amend the invention title to read Methanol-based extraction of psychoactive alkaloids from fungus

2021295937 **Panasonic Intellectual Property Management Co., Ltd.** The nature of the amendment is as shown in the statement filed 19 Dec 2022

2021297631 **Kolon Life Science, Inc.** The nature of the amendment is: Amend the name of a co-inventor to read KIM, Sujeong

2021302193 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read PDU TRANSMISSION METHOD AND RELATED APPARATUS

2021306281 **Illumina, Inc.** The nature of the amendment is: Amend the names of co-inventors to read Brodin, Jeffrey; and Fisher, Jeffrey S.

2021308882 **Pflieder, F.** The nature of the amendment is: Amend the invention title to read RINSING CHANNEL DEVICE FOR A BASIN

2021386796 **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 HUMAN MILK OLIGOSACCHARIDE FOR IMPROVING HEALTH OF INTESTINAL MICROENVIRONMENT AND USE THEREOF

2022

2022283704 **Illinois Tool Works Inc.** The nature of the amendment is: Amend the invention title to read Joint assembly and reusable height adjuster for positioning between two concrete slabs

2022291538 **Zoono Group Limited** The nature of the amendment is: Amend a priority detail to read EP22211977.8 07 Dec 2022 EP

2022291611 **CORONA FEED ADDITIVES, L.L.C.** The nature of the amendment is: Remove priority details US 63/033,102 dated 1 June 2020

Amendments

2022291677 **SHENZHEN ICOMWELL INTELLIGENT MEDICAL TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the priority details to read 202210068932.4 21 Jan 2022 CN

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

2011

2011279350 Pangeo Subsea, Inc. The name of the patentee has been altered to **Kraken Robotic Services Ltd.**

2011298091 Consejo Superior De Investigaciones Cientificas; Institut d'Investigacions Biomediques August Pi I Sunyer; Bionure Farma, S.L. The name of the patentee has been altered to **Consejo Superior De Investigaciones Cientificas; Institut d'Investigacions Biomediques August Pi I Sunyer; Accure Therapeutics, S.L.**

2013

2013364053 Corium International, Inc. The name of the patentee has been altered to **CORIUM, INC.**

2014

2014233541 Corium International, Inc. The name of the patentee has been altered to **CORIUM, INC.**

2014237279 Corium International, Inc. The name of the patentee has been altered to **CORIUM, INC.**

2014237499 Corium International, Inc. The name of the patentee has been altered to **CORIUM, INC.**

2014249471 Corium International, Inc. The name of the patentee has been altered to **CORIUM, INC.**

2015

2015261353 SAFRAN IDENTITY & SECURITY The name of the patentee has been altered to **Idemia Identity & Security France**

2015342882 Eleven Biotherapeutics, Inc. The name of the patentee has been altered to **Sesen Bio, Inc.**

2016

2016222454 SAFRAN IDENTITY & SECURITY The name of the patentee has been altered to **Idemia Identity & Security France**

2016363679 DOWNUNDER GEOSOLUTIONS PTY LTD The name of the patentee has been altered to **DUG Technology (Australia) Pty Ltd**

2017

2017200935 SAFRAN IDENTITY & SECURITY The name of the patentee has been altered to **Idemia Identity & Security France**

2017203451 SAFRAN IDENTITY & SECURITY The name of the patentee has been altered to **Idemia Identity & Security France**

2017203772 SAFRAN IDENTITY & SECURITY The name of the patentee has been altered to **Idemia Identity & Security France**

Amendments

2017228842 DOWNUNDER GEOSOLUTIONS PTY LTD The name of the patentee has been altered to **DUG Technology (Australia) Pty Ltd**

2017292847 AMO Wavefront Sciences, LLC The name of the patentee has been altered to **AMO Development, LLC**

2017295827 DOWNUNDER GEOSOLUTIONS PTY LTD The name of the patentee has been altered to **DUG Technology (Australia) Pty Ltd**

2018

2018282093 DOWNUNDER GEOSOLUTIONS PTY LTD The name of the patentee has been altered to **DUG Technology (Australia) Pty Ltd**

2018297172 NEXTracker Inc. The name of the patentee has been altered to **Nextracker LLC**

2019

2019200645 Corium International, Inc. The name of the patentee has been altered to **CORIUM, INC.**

2020

2020203025 Enatel Limited The name of the patentee has been altered to **Enatel**

2021

2021202892 DOWNUNDER GEOSOLUTIONS PTY LTD The name of the applicant has been altered to **DUG Technology (Australia) Pty Ltd**

2021275056 Waterdiam Group LLC The name of the applicant has been altered to **Weo, LLC**

2021291990 Guangdong Haozhi Technology Co. Limited; GRST International Limited The name of the applicant has been altered to **GRST International Limited**

2022

2022203275 AMO Wavefront Sciences, LLC The name of the applicant has been altered to **AMO Development, LLC**

2022263566 Enatel Limited The name of the applicant has been altered to **Enatel**

2023

2023200145 ZHEJIANG DINGLI MACHINERY CO., LTD. [CN/CN] The name of the applicant has been altered to **ZHEJIANG DINGLI MACHINERY CO., LTD.**

2023200170 ZHEJIANG DINGLI MACHINERY CO., LTD. [CN/CN] The name of the applicant has been altered to **ZHEJIANG DINGLI MACHINERY CO., LTD.**

Applications Open to Public Inspection

Name Index

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

<p>(71) AAR MANUFACTURING, INC. (11) AU-A-2022204818 (21) 2022204818 (22) 05.07.2022 (54) EXPANDABLE ENVIRONMENTAL CONTROL UNIT (51) Int. Cl. F24F 1/04 (2011.01) F24F 1/0057 (2019.01) (31) 17/385,306 (32) 26.07.21 (33) US (43) 09.02.2023 (72) ESSO, Derek P. (74) Griffith Hack</p>	<p>(43) 09.02.2023 (62) 2021213717 (72) Kramar, Vitalii; Dargan, Dorian D.; Van Os, Marcel (74) FPA Patent Attorneys Pty Ltd</p>	<p>Michelle; HEALY, Brian; CHESNEL, Laurent; FARQUHAR, Ronald (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) ActionWalls Pty Ltd (11) AU-A-2021206873 (21) 2021206873 (22) 22.07.2021 (54) System for metering application features (51) Int. Cl. G06Q 20/22 (2012.01) G06F 3/0482 (2013.01) G06F 3/04847 (2022.01) G06F 3/0488 (2013.01) G06Q 50/10 (2012.01) (43) 09.02.2023 (72) Lacy, Christopher (74) Spruson & Ferguson</p>	<p>(71) Apple Inc. (11) AU-A-2023200039 (21) 2023200039 (22) 04.01.2023 (54) User interfaces related to time (51) Int. Cl. G06F 3/00 (2006.01) G04C 17/00 (2006.01) (43) 09.02.2023 (62) 2022220279 (72) Lynch, Kevin; Dye, Alan C.; Chao, Edward; McFetridge, Geoff Boyd; Lee, Eileen Y.; Connor, Teofila; Forssell, Lisa K.; Barlier, Guillaume Pierre André; Romney, Christopher James; Rickwald, Jason; Gardner, JD; Scapel, Nicolas; Page, Pani; Wilson, Christopher; Chen, Kevin Will; Guzman, Aurelio (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Asset & Frontline Security Services Limited (11) AU-A-2022206812 (21) 2022206812 (22) 22.07.2022 (54) A SECURITY SYSTEM (51) Int. Cl. E01F 15/06 (2006.01) E01F 15/14 (2006.01) E04H 12/22 (2006.01) E04H 17/12 (2006.01) (31) 2110549.9 (32) 22.07.21 (33) GB (43) 09.02.2023 (72) Moody, Steve (74) Murray Trento & Associates Pty Ltd</p>
<p>(71) Acura Pharmaceuticals, Inc. (11) AU-A-2023200124 (21) 2023200124 (22) 11.01.2023 (54) Self-regulated release of active pharmaceutical ingredient (51) Int. Cl. A61K 9/14 (2006.01) A61K 9/48 (2006.01) (43) 09.02.2023 (62) 2020210206 (72) Brzeczko, Albert W.; Hollenbeck, Gary R. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (11) AU-A-2022206746 (21) 2022206746 (22) 20.07.2022 (54) SLOT GAME WITH DYNAMICALLY ASSIGNED REEL STRIP LOCATIONS (51) Int. Cl. G07F 17/34 (2006.01) A63F 13/00 (2014.01) A63F 13/80 (2014.01) (31) 17/710,356 (32) 31.03.22 (33) US 63/223,848 20.07.21 US (43) 09.02.2023 (72) DAVIS, Blake; ENGLMAN, Allon (74) Griffith Hack</p>	<p>(71) Atossa Therapeutics, Inc. (11) AU-A-2023200013 (21) 2023200013 (22) 03.01.2023 (54) METHODS FOR MAKING AND USING ENDOXIFEN (51) Int. Cl. C07C 217/54 (2006.01) A61K 31/138 (2006.01) A61P 35/00 (2006.01) C07C 217/18 (2006.01) (43) 09.02.2023 (62) 2018329202 (72) QUAY, Steven C.; SUN, YaoLin; WANG, LungHu; WU, ChangJung; HUANG, ChuanDer (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) Apple Inc. (11) AU-A-2023200021 (21) 2023200021 (22) 03.01.2023 (54) Mobile key enrollment and use (51) Int. Cl. G06Q 20/36 (2012.01) B60R 25/24 (2013.01) G06F 3/0484 (2022.01) H04L 67/00 (2022.01) H04M 1/72403 (2021.01) H04W 4/80 (2018.01) H04W 12/06 (2021.01) H04W 12/08 (2021.01)</p>	<p>(71) Artugen Therapeutics Ltd. (11) AU-A-2022287603 (21) 2022287603 (22) 14.12.2022 (54) Methods and compositions for the treatment of C. difficile (51) Int. Cl. A61K 35/74 (2015.01) A61K 9/19 (2006.01) A61K 47/26 (2006.01) A61P 1/12 (2006.01) A61P 31/04 (2006.01) C12N 1/20 (2006.01) C12R 1/07 (2006.01) (43) 09.02.2023 (62) 2019282713 (72) MURPHY, Christopher K.; HILL, Colin; ROSS, Paul; REA, Mary; O'DONNELL,</p>	<p>(71) Beijing Baidu Netcom Science Technology Co., Ltd. (11) AU-A-2022203199 (21) 2022203199 (22) 12.05.2022 (54) Digital signature method, signature information authentication method, and relevant electronic devices (51) Int. Cl. H04L 9/30 (2006.01) G06F 21/62 (2013.01) G06F 21/64 (2013.01) H03M 7/30 (2006.01) (31) 202110819116.8 (32) 20.07.21 (33) CN (43) 09.02.2023 (72) CHEN, Yuao; DUAN, Runyao (74) Spruson & Ferguson</p>
<p>(71) Belted Bodies and Trailers Pty Ltd (11) AU-A-2021206819 (21) 2021206819 (22) 20.07.2021 (54) Improved Conveyor System (51) Int. Cl.</p>		

Applications Open to Public Inspection - Name Index cont'd

B65G 17/02 (2006.01)
B60P 1/38 (2006.01)
B65G 21/02 (2006.01)
B65G 41/00 (2006.01)
B65G 21/22 (2006.01)
(43) 09.02.2023
(72) Apap, Simon; Grima, Daniel; Regel, Mark
(74) Patentable

(71) Blackhawk Network, Inc.
(11) AU-A-2023200057
(21) 2023200057 **(22)** 05.01.2023
(54) System and method for facilitating a purchase transaction via a merchant's foreign website
(51) Int. Cl.
G06Q 30/02 (2023.01)
G06Q 20/02 (2012.01)
G06Q 20/12 (2012.01)
G06Q 20/36 (2012.01)
(43) 09.02.2023
(62) 2017225534
(72) Bennett, Andrew; Tate, David
(74) Davies Collison Cave Pty Ltd

(71) Boston Scientific Scimed, Inc.
(11) AU-A-2023200157
(21) 2023200157 **(22)** 12.01.2023
(54) Hemostasis clip two stage deployment mechanism to eliminate shed parts
(51) Int. Cl.
A61B 17/122 (2006.01)
A61B 17/128 (2006.01)
A61B 17/00 (2006.01)
A61B 17/12 (2006.01)
A61B 17/29 (2006.01)
A61B 90/00 (2016.01)
(43) 09.02.2023
(62) 2020316063
(72) LEHTINEN, Laurie A.; KING, Joseph W.; CONGDON, Daniel
(74) Spruson & Ferguson

(71) Braeside Mills Operations Pty Ltd
(11) AU-A-2022291493
(21) 2022291493 **(22)** 21.12.2022
(54) A flooring panel and methods for manufacturing same
(51) Int. Cl.
B32B 7/02 (2019.01)
B32B 27/08 (2006.01)
B32B 27/30 (2006.01)
B32B 38/00 (2006.01)
(43) 09.02.2023
(62) 2021201436
(72) KROLL, Melissa A.; MALKOWSKI, Elizabeth A.; REESE, Kim M.
(74) Spruson & Ferguson

BROUWERS, R. see BROUWERS, A.L.
(21) 2022206698

(71) BROUWERS, A.L.; BROUWERS, R.
(11) AU-A-2022206698
(21) 2022206698 **(22)** 18.07.2022

(54) PORTABLE WIND RESISTANT SHADE STRUCTURE
(51) Int. Cl.
E04H 15/32 (2006.01)
E04H 15/44 (2006.01)
E04H 15/54 (2006.01)
E04H 15/64 (2006.01)
(31) 63/223,545 **(32)** 20.07.21 **(33)** US
 63/251,637 03.10.21 US
(43) 09.02.2023
(72) BROUWERS, Andrea Lynn; BROUWERS, Robert
(74) Griffith Hack

(71) CAMPOLI, N.; CIRCOSTA, M.
(11) AU-A-2022200665
(21) 2022200665 **(22)** 02.02.2022
(54) Lintel cover
(51) Int. Cl.
B66B 13/30 (2006.01)
E04C 3/02 (2006.01)
(31) 17/300,313 **(32)** 21.07.21 **(33)** US
(43) 09.02.2023
(72) CAMPOLI, Nino; CIRCOSTA, Michael
(74) BOSH IP Pty Ltd

(71) Carbon Areion Pty Ltd
(11) AU-A-2022206754
(21) 2022206754 **(22)** 20.07.2022
(54) A device for supporting an object on another vehicle
(51) Int. Cl.
B60R 9/06 (2006.01)
B60R 9/10 (2006.01)
B60P 7/08 (2006.01)
(31) 2021902233 **(32)** 20.07.21 **(33)** AU
(43) 09.02.2023
(72) Hotchkin, Thomas Luke
(74) Griffith Hack

(71) CDE Global Limited
(11) AU-A-2022204725
(21) 2022204725 **(22)** 30.06.2022
(54) APPARATUS FOR PROCESSING AGGREGATE MATERIAL
(51) Int. Cl.
B03B 5/02 (2006.01)
B65G 5/00 (2006.01)
B65G 27/02 (2006.01)
(31) 2110627.3 **(32)** 23.07.21 **(33)** GB
(43) 09.02.2023
(72) Convery, Anthony
(74) Madderns Pty Ltd

(71) Cell Cure Neurosciences Ltd.
(11) AU-A-2023200036
(21) 2023200036 **(22)** 04.01.2023
(54) Assessing retinal pigment epithelial cell populations
(51) Int. Cl.
C12N 5/079 (2010.01)
A61K 35/36 (2015.01)

(43) 09.02.2023
(62) 2015373051
(72) Bohana-Kashtan, Osnat; Rosenberg Belmaker, Lior Ann; Wisner, Ofer
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) CHAO, Y.
(11) AU-A-2021257937
(21) 2021257937 **(22)** 26.10.2021
(54) SCREW
(51) Int. Cl.
F16B 25/00 (2006.01)
F16B 25/10 (2006.01)
(31) 110126804 **(32)** 21.07.21 **(33)** TW
(43) 09.02.2023
(72) CHAO, YING-CHIN
(74) AJ PARK

CHEN, W. see CHEN, H.
(21) 2023200153

(71) CHEN, H.; CHEN, W.
(11) AU-A-2023200153
(21) 2023200153 **(22)** 12.01.2023
(54) Large-flow floor drain having cup-shaped inner container
(51) Int. Cl.
E03F 5/04 (2006.01)
(43) 09.02.2023
(62) 2018382106
(72) CHEN, Wei; CHEN, Hao
(74) Davies Collison Cave Pty Ltd

(71) China University of Mining and Technology; Xuzhou Liren Monorail Transportation Equipment Co., Ltd.
(11) AU-A-2022283730
(21) 2022283730 **(22)** 25.03.2022
(54) Gear-track-detachable driving device in monorail crane suitable for steep slope
(51) Int. Cl.
B66C 7/00 (2006.01)
(31) 202110817632.7 **(32)** 20.07.21 **(33)** CN
(43) 09.02.2023
(72) LU, Hao; ZHU, Zhencai; ZHANG, Yidong; PENG, Yuxing; DU, Mai; HU, Hengzhen; ZHENG, Fuping; TANG, Yu
(74) Baxter Patent Attorneys Pty Ltd

CIRCOSTA, M. see CAMPOLI, N.
(21) 2022200665

(71) Colgate-Palmolive Company
(11) AU-A-2023200104
(21) 2023200104 **(22)** 10.01.2023
(54) Oral care implement
(51) Int. Cl.
A46B 9/04 (2006.01)
(43) 09.02.2023
(62) 2018452759
(72) XIE, Fangang; XI, Wenjin; ZHOU, Ji-ang; JI, Yanmei; HOHLBEIN, Douglas
(74) Spruson & Ferguson

Applications Open to Public Inspection - Name Index cont'd

(71) ConMed Corporation
 (11) AU-A-2022287667
 (21) 2022287667 (22) 16.12.2022
 (54) Multi-barrel drill guide
 (51) Int. Cl.
A61B 17/17 (2006.01)
A61B 17/04 (2006.01)

(43) 09.02.2023
 (62) 2021215258
 (72) Thibodeau, Robert A.; Summitt, Matthew C.; Alfonso, Gregory A.; Rofman, Robert A.; Calvert, Erika T.
 (74) Griffith Hack

(71) CORONA FEED ADDITIVES, L.L.C.
 (11) AU-A-2022291611
 (21) 2022291611 (22) 23.12.2022
 (54) Animal contraceptive
 (51) Int. Cl.
A61K 31/11 (2006.01)
A61K 36/185 (2006.01)
A61P 15/16 (2006.01)

(31) 63/033,102 (32) 01.06.20 (33) US
 17/722,120 15.04.22 US
 17/945,898 15.09.22 US
 (43) 09.02.2023
 (62) PCT/US2021/024248
 (72) LOPER, August Daniel; LOPER, Carl Daniel; FAILS, Dean Bradley
 (74) GLMR

(71) Dart Industries Inc.
 (11) AU-A-2022203568
 (21) 2022203568 (22) 26.05.2022
 (54) PORTION DISPENSING CONTAINER
 (51) Int. Cl.
B65D 83/06 (2006.01)
A47J 47/01 (2006.01)
B65D 47/04 (2006.01)
 (31) 17/381,765 (32) 21.07.21 (33) US
 (43) 09.02.2023
 (72) Vercruyssen, Alec
 (74) Phillips Ormonde Fitzpatrick

(71) DEKA Products Limited Partnership
 (11) AU-A-2023200012
 (21) 2023200012 (22) 03.01.2023
 (54) Infusion pump assembly
 (51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
A61M 5/168 (2006.01)

(43) 09.02.2023
 (62) 2020217401
 (72) KAMEN, Dean; KERWIN, John Matthew; MURPHY, Colin Holmes; GRAY, Larry Brian; LANIGAN, Richard J.; GUAY, Gerald Michael; FICHERA, Stephen Lewis
 (74) Griffith Hack

(71) Diehl Brass Solutions Stiftung & Co. KG
 (11) AU-A-2022206755
 (21) 2022206755 (22) 20.07.2022
 (54) Lead-free brass alloy and use thereof
 (51) Int. Cl.
C22C 9/04 (2006.01)

F16C 33/12 (2006.01)
 (31) 102021118907.1 (32) 21.07.21 (33) DE
 (43) 09.02.2023
 (72) SEUß, Florian; DEHNELT, Alexander; BRÄUTIGAM, Volker
 (74) Spruson & Ferguson

(71) Donaldson Company, Inc.
 (11) AU-A-2023200151
 (21) 2023200151 (22) 12.01.2023
 (54) Air filter element
 (51) Int. Cl.
B01D 46/52 (2006.01)

(43) 09.02.2023
 (62) 2017347988
 (72) Decoster, Kristof; Craessaerts, Johnny
 (74) FPA Patent Attorneys Pty Ltd

(71) Duracell U.S. Operations, Inc.
 (11) AU-A-2023200149
 (21) 2023200149 (22) 12.01.2023
 (54) BATTERY INCLUDING BETA-DE-LITHIATED LAYERED NICKEL OXIDE ELECTROCHEMICALLY ACTIVE CATHODE MATERIAL
 (51) Int. Cl.
C01G 53/04 (2006.01)
C01G 53/00 (2006.01)
H01M 4/24 (2006.01)
H01M 4/32 (2006.01)
H01M 4/525 (2010.01)

(43) 09.02.2023
 (62) 2018266709
 (72) Nelson, Jennifer A.; Christian, Paul Albert; Hackney, Stephen A.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) eBay Inc.
 (11) AU-A-2022206766
 (21) 2022206766 (22) 21.07.2022
 (54) Transaction security techniques
 (51) Int. Cl.
G06F 21/44 (2013.01)
H04W 12/069 (2021.01)

(31) 17/381,461 (32) 21.07.21 (33) US
 (43) 09.02.2023
 (72) SHARP, Scott; MUTHURAMAN, Alagu; KUCHIBOTLA, Phanisri; GANDHI, David; MADHAVAN, Mahendar
 (74) FPA Patent Attorneys Pty Ltd

(71) ESCO Group LLC
 (11) AU-A-2023200147
 (21) 2023200147 (22) 12.01.2023
 (54) A wear part for earth working equipment
 (51) Int. Cl.
E02F 9/28 (2006.01)
F16C 11/00 (2006.01)

(43) 09.02.2023
 (62) 2017261340
 (72) Zenier, Scott H.; Roska, Michael B.; Hankland, Joel S.
 (74) Minter Ellison

(71) Exactech, Inc.
 (11) AU-A-2022291550
 (21) 2022291550 (22) 22.12.2022
 (54) DRUG-ELUTING SPACER FOR JOINTS OF THE HUMAN BODY
 (51) Int. Cl.
A61F 2/38 (2006.01)
A61L 27/54 (2006.01)

(43) 09.02.2023
 (62) 2017322717
 (72) Sutherland, Andrew; Crawford, Wayne
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Exact Sciences Corporation see Mayo Foundation for Medical Education and Research
 (21) 2022291502

(71) Feldan Bio Inc.
 (11) AU-A-2022283748
 (21) 2022283748 (22) 08.12.2022
 (54) Rationally-designed synthetic peptide shuttle agents for delivering polypeptide cargos from an extracellular space to the cytosol and/or nucleus of a target eukaryotic cell, uses thereof, methods and kits relating to same
 (51) Int. Cl.

C07K 14/00 (2006.01)
A61K 38/43 (2006.01)
A61K 47/42 (2017.01)
A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
C12N 5/07 (2010.01)
C12N 5/10 (2006.01)
C12N 9/22 (2006.01)
C12N 15/00 (2006.01)
C12N 15/09 (2006.01)
C12N 15/11 (2006.01)
C12N 15/87 (2006.01)
G01N 33/48 (2006.01)

(43) 09.02.2023
 (62) 2017341736
 (72) DEL'GUIDICE, Thomas; LE-PETIT-STOFFAES, Jean-Pascal; GUAY, David
 (74) Spruson & Ferguson

(71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2022291466
 (21) 2022291466 (22) 20.12.2022
 (54) AN INTERFACE
 (51) Int. Cl.
A61M 16/06 (2006.01)

(43) 09.02.2023
 (62) 2020201601
 (72) TATKOV, Stanislav
 (74) AJ PARK

(71) Games Global Operations Limited
 (11) AU-A-2022204371
 (21) 2022204371 (22) 22.06.2022
 (54) Probabilistic real-time control system with mid-transaction inputs and proportional output
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

H04L 41/0823 (2022.01)
A63F 13/77 (2014.01)
(31) 2110492.2 **(32)** 21.07.21 **(33)** GB
(43) 09.02.2023
(72) Harpur, Rory Angus; Gaspar, Michael
 John; Naicker, Theo
(74) FPA Patent Attorneys Pty Ltd

(71) General Electric Company
(11) AU-A-2023200140
(21) 2023200140 **(22)** 12.01.2023
(54) Sucker rod pumping unit and method of
 operation

(51) Int. Cl.
F04B 47/02 (2006.01)
E21B 43/12 (2006.01)
E21B 47/00 (2012.01)
F04B 49/06 (2006.01)
(43) 09.02.2023
(62) 2017248641
(72) Singal, Kalpesh; Sivaramakrishnan,
 Shyam; Barton, Justin Edwin
(74) Davies Collison Cave Pty Ltd

(71) GEOPLAST Sri
(11) AU-A-2021212159
(21) 2021212159 **(22)** 06.08.2021
(54) MODULAR FORMWORK FOR THE
 CONSTRUCTION OF REINFORCED
 CONCRETE RIBBED FLOORS WITH
 SPECIALLY CONFIGURED SPACERS
(51) Int. Cl.
E04G 11/46 (2006.01)
E04C 5/16 (2006.01)
E04C 5/20 (2006.01)
E04G 17/00 (2006.01)
E04G 17/02 (2006.01)
E04G 17/06 (2006.01)
(31) 102021000019271 **(32)** 21.07.21 **(33)** IT
(43) 09.02.2023
(72) PEGORARO, Mirco
(74) Patent Attorney Services

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(21) 2023200134

(71) GLOBAL TOOL GROUP PTY LTD
(11) AU-A-2021206904
(21) 2021206904 **(22)** 23.07.2021
(54) STORAGE DEVICE AND STORAGE
 SYSTEM
(51) Int. Cl.
B25H 3/00 (2006.01)
A45C 11/00 (2006.01)
A45C 13/02 (2006.01)
A47F 5/08 (2006.01)
A61B 50/20 (2016.01)
A61B 50/33 (2016.01)
B65D 25/10 (2006.01)
A61B 50/00 (2016.01)
A61B 50/30 (2016.01)
(43) 09.02.2023
(72) ARMITAGE, Sam
(74) Baxter Patent Attorneys Pty Ltd

(71) Google, LLC
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(21) 2023200020 **(22)** 03.01.2023
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(51) Int. Cl.
G06N 10/00 (2022.01)
(43) 09.02.2023
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(72) BABBUSH, Ryan; FOWLER, Austin
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(71) Hairy Turtle Pty Ltd
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(21) 2023200091 **(22)** 09.01.2023
(54) Portable cushioned support
(51) Int. Cl.
A47G 9/10 (2006.01)
A47C 16/00 (2006.01)
(43) 09.02.2023
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(72) Scrimshaw, David; Ruwhiu, Rosslyn
(74) McCarthy Durie Lawyers

(71) Holley Performance Products, Inc.
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(54) Differential housing
(51) Int. Cl.
F16H 57/021 (2012.01)
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(31) 63/224,518 **(32)** 22.07.21 **(33)** US
(43) 09.02.2023
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(71) Huizenga, J.
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(21) 2023200040 **(22)** 04.01.2023
(54) Resetting biological pathways for de-
 fending against and repairing deteriora-
 tion from human aging
(51) Int. Cl.
A61P 39/00 (2006.01)
A23L 33/13 (2016.01)
A23L 33/175 (2016.01)
A61K 36/48 (2006.01)
(43) 09.02.2023
(62) 2016335968
(72) Huizenga, Joel
(74) Pizzseys Patent and Trade Mark Attor-
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(71) Hunter Douglas, Inc.
(11) AU-A-2023200051
(21) 2023200051 **(22)** 05.01.2023
(54) Methods and apparatus to reduce noise
 in motor assemblies
(51) Int. Cl.
H02K 5/24 (2006.01)
E06B 9/68 (2006.01)
E06B 9/72 (2006.01)

(43) 09.02.2023
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 DANN, Kevin; OELSCHLAGER, Max;
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 olas C.; GOLDBERG, Michael
(74) Spruson & Ferguson

(71) Hyundai Motor Company; Kia Corpora-
 tion
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(21) 2022202079 **(22)** 28.03.2022
(54) Fuel cell power generation facility
(51) Int. Cl.
H01M 8/04007 (2016.01)
H01M 8/02 (2016.01)
H01M 8/24 (2016.01)
H05K 7/20 (2006.01)
(31) 10-2021-0096012 **(32)** 21.07.21 **(33)** KR
(43) 09.02.2023
(72) SONG, Sung Weon
(74) Allens Patent & Trade Mark Attorneys

(71) iCahn School of Medicine at Mount
 Sinai; Monogram Orthopaedics Inc.
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(21) 2023200152 **(22)** 12.01.2023
(54) ROBOT MOUNTED CAMERA REGIS-
 TRATION AND TRACKING SYSTEM
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 GICAL SURGERY
(51) Int. Cl.
A61B 34/30 (2016.01)
A61B 34/32 (2016.01)
A61B 34/35 (2016.01)
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B25J 9/10 (2006.01)
(43) 09.02.2023
(62) 2020282347
(72) SEXSON, Benjamin; UNIS, Douglas B.;
 DICICCO, Matthew; JIN, Brian
(74) IP GATEWAY PATENT & TRADE
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(11) AU-A-2023200008
(21) 2023200008 **(22)** 03.01.2023
(54) Power supply assembly for plumbing
 fixture
(51) Int. Cl.
H02J 50/10 (2016.01)
F16K 31/06 (2006.01)
H02J 7/02 (2016.01)
(43) 09.02.2023
(62) 2018297275
(72) BUSH, Shawn D.
(74) FB Rice Pty Ltd

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(21) 2022205238 **(22)** 14.07.2022
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G06Q 50/34 (2012.01)
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G07F 17/32 (2006.01)
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(43) 09.02.2023
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(74) Clark Intellectual Property Pty Ltd

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(11) AU-A-2022205215
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G02B 27/00 (2006.01)
G01S 7/481 (2006.01)
G02B 5/08 (2006.01)
G02B 26/00 (2006.01)
(31) 17/385,474 (32) 26.07.21 (33) US
(43) 09.02.2023
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(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2021277700
(21) 2021277700 (22) 06.08.2021
(54) Rooftop tent fixing device and rooftop tent including same
(51) Int. Cl.
B60P 3/39 (2006.01)
E04H 15/06 (2006.01)
E04H 15/54 (2006.01)
(31) 10-2021-0091316 (32) 13.07.21 (33) KR
(43) 09.02.2023
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(74) Spruson & Ferguson

(71) Infestation Tracking Systems Pty. Ltd.
(11) AU-A-2023200099
(21) 2023200099 (22) 09.01.2023
(54) TRACKING SYSTEM AND METHOD
(51) Int. Cl.
H04W 4/02 (2018.01)
(43) 09.02.2023
(62) 2020264269
(72) VILINSKIS, Arron; AWAD, Troy
(74) Griffith Hack

(71) Innovative Mining Products (Pty) Ltd
(11) AU-A-2021206917
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(51) Int. Cl.
E21D 20/02 (2006.01)
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(71) Intradin (Huzhou) Precision Technology Co., Ltd.
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(21) 2022200671 (22) 02.02.2022
(54) SLOW RETRACTION MECHANISM, LOCKING-TYPE SLOW RETRACTION DEVICE AND WINDING DEVICE
(51) Int. Cl.
B65H 75/44 (2006.01)
B65H 75/48 (2006.01)
(31) CN202110831893.4(32) 22.07.21 (33) CN
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(72) Ge, Guizhong; Zou, Xing
(74) Madderns Pty Ltd

(71) Intricate Electrical Systems Pty Ltd
(11) AU-A-2021209157
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(54) Attachment for electrical wall fitting
(51) Int. Cl.
H02G 3/10 (2006.01)
H01R 13/73 (2006.01)
H01R 13/629 (2006.01)
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(74) COOPER IP PTY. LTD.

(71) Intuit Inc.
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(54) Private information with a shared single source of truth
(51) Int. Cl.
G06Q 20/04 (2012.01)
G06F 16/23 (2019.01)
G06F 21/60 (2013.01)
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(72) Gabriel, Michael Richard; Scott, Glenn Carter
(74) Davies Collison Cave Pty Ltd

(71) i-SENS, Inc.
(11) AU-A-2023200010
(21) 2023200010 (22) 03.01.2023
(54) Continuous glucose monitoring device
(51) Int. Cl.
A61B 5/15 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
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(62) 2019314012
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(74) H & H Lawyers

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(21) 2022202079

(71) KIVU CONSULTING, INC.
(11) AU-A-2023200009
(21) 2023200009 (22) 03.01.2023
(54) SYSTEMS AND METHODS FOR RE-MOTE IDENTIFICATION OF ENTER-PRISE THREATS
(51) Int. Cl.

G06F 21/57 (2013.01)
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(74) Collison & Co

(71) Komatsu Ltd.
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(21) 2023200077 (22) 06.01.2023
(54) Management system for work vehicle and management method for work vehicle
(51) Int. Cl.
G05D 1/02 (2020.01)
B60P 1/04 (2006.01)
E02F 1/00 (2006.01)
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C12N 5/00 (2006.01)
(43) 09.02.2023
(62) 2020200515
(72) Clevers, Johannes Carolus; Sato, Toshiro; Huch Ortega, Meritxell; Karthaus, Wouter Richard
(74) FPA Patent Attorneys Pty Ltd

(71) Lensar, Inc.
(11) AU-A-2023200048
(21) 2023200048 (22) 05.01.2023
(54) Laser methods and systems for the aligned insertion of devices into a struc-ture of the eye
(51) Int. Cl.
A61F 9/008 (2006.01)
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(62) 2020289827
(72) GRAY, Gary; TEUMA, Vales
(74) Spruson & Ferguson

(71) LG ELECTRONICS INC.
(11) AU-A-2023200070
(21) 2023200070 (22) 06.01.2023
(54) Refrigerator
(51) Int. Cl.
F25D 29/00 (2006.01)
F25D 11/00 (2006.01)
F25D 23/02 (2006.01)
G01S 17/66 (2006.01)
(43) 09.02.2023
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 (11) AU-A-2023200054
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 (54) Systems and methods for real-time remote control of mobile applications
 (51) Int. Cl.
G06F 9/44 (2018.01)
H04M 1/72403 (2021.01)
H04W 8/24 (2009.01)
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 (72) STUBER, Reto; THUM, Christian; SEEDORF, Stefan; LEVIN, Yossi
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(71) Manitou Italia S.r.l.
 (11) AU-A-2022204686
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 (54) Telehandler with convertible propulsion
 (51) Int. Cl.
B66F 9/075 (2006.01)
B60K 1/00 (2006.01)
B60K 6/42 (2007.10)
B60L 50/61 (2019.01)
B66F 9/065 (2006.01)
 (31) 102021000019406 (32) 21.07.21 (33) IT
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(71) MannKind Corporation
 (11) AU-A-2023200146
 (21) 2023200146 (22) 12.01.2023
 (54) A DRY POWDER INHALER AND SYSTEM FOR DRUG DELIVERY
 (51) Int. Cl.
A61M 15/00 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) MasterCard International Incorporated
 (11) AU-A-2023200067
 (21) 2023200067 (22) 05.01.2023
 (54) SYSTEMS AND METHODS FOR SMARTCARD BIOMETRIC ENROLLMENT
 (51) Int. Cl.
G06F 21/32 (2013.01)
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 (43) 09.02.2023
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 (72) Bhatt, Sumeet; Kamal, Ashfaq; Reany, Robert D.
 (74) Davies Collison Cave Pty Ltd

(71) Mayo Foundation for Medical Education and Research; Exact Sciences Corporation
 (11) AU-A-2022291502
 (21) 2022291502 (22) 21.12.2022
 (54) Detecting hepatocellular carcinoma
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C07H 21/04 (2006.01)
G16B 30/00 (2019.01)
G16B 40/00 (2019.01)
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(71) MBF S.p.A.
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 (21) 2022206820 (22) 22.07.2022
 (54) CAPPING MACHINE FOR CAPS MADE OF COMPRESSIBLE MATERIAL
 (51) Int. Cl.
B67B 3/10 (2006.01)
B65D 39/02 (2006.01)
B67B 3/12 (2006.01)
 (31) 102021000019706 (32) 23.07.21 (33) IT
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 (72) Boscaro, Giuliano; Ticinelli, Alessandro; Stella, Andrea
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2022206823
 (21) 2022206823 (22) 22.07.2022
 (54) BOTTLE CENTERING DEVICE FOR A CAPPING MACHINE FOR CAPS MADE OF COMPRESSIBLE MATERIAL AND CAPPING MACHINE FOR CAPS MADE OF COMPRESSIBLE MATERIAL PROVIDED WITH SUCH BOTTLE CENTERING DEVICE
 (51) Int. Cl.
B67B 3/10 (2006.01)
B65B 7/28 (2006.01)
B65D 41/02 (2006.01)
B65D 45/02 (2006.01)
B65D 45/32 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Medos International Sarl
 (11) AU-A-2021206888
 (21) 2021206888 (22) 23.07.2021
 (54) Minimally invasive systems and methods for approximating tissue with a suture
 (51) Int. Cl.
A61B 17/04 (2006.01)
A61B 17/06 (2006.01)

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 (72) Gustafson, Adam C.
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(71) Microport Orthopedics Holdings Inc.
 (11) AU-A-2022203401
 (21) 2022203401 (22) 19.05.2022
 (54) Endoprosthetic rotating hinge knee assemblies, subassemblies, and methods
 (51) Int. Cl.
A61F 2/38 (2006.01)
 (31) 17/660,252 (32) 22.04.22 (33) US
 63/225,109 23.07.21 US
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 (74) Griffith Hack

(71) Milwaukee Electric Tool Corporation
 (11) AU-A-2023200087
 (21) 2023200087 (22) 09.01.2023
 (54) TAPE MEASURE WITH EPICYCLIC GEAR DRIVE FOR TAPE RETRACTION
 (51) Int. Cl.
G01B 3/10 (2020.01)
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 (62) 2018240118
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) SYSTEMS, CATHETERS, AND METHODS FOR TREATING ALONG THE CENTRAL NERVOUS SYSTEM
 (51) Int. Cl.
A61M 1/00 (2006.01)
A61M 27/00 (2006.01)
 (43) 09.02.2023
 (62) 2019298242
 (72) CAMPBELL, Susan Rosemary; DARBANDI, Bejan Michael; GOHMAN, John Leonard; HEDSTROM, Blake Anthony; MONDRY, Jack Michael
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) ModernaTX, Inc.
 (11) AU-A-2023200136
 (21) 2023200136 (22) 11.01.2023
 (54) Polynucleotides containing a stabilizing tail region
 (51) Int. Cl.
C12N 15/85 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7115 (2006.01)
C07H 21/02 (2006.01)

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 (21) 2023200152

(71) MOORE, D.
 (11) AU-A-2022209220
 (21) 2022209220 (22) 26.07.2022
 (54) Apparatus for combustion of natural gas from pneumatic controllers
 (51) Int. Cl.
F23G 7/06 (2006.01)
F16K 1/30 (2006.01)
F16K 11/02 (2006.01)
F16K 15/02 (2006.01)
F16K 17/18 (2006.01)
F16K 31/12 (2006.01)
F17C 13/00 (2006.01)
F23G 5/50 (2006.01)
 (31) 17/864,824 (32) 14.07.22 (33) US
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 (43) 09.02.2023
 (72) MOORE, Derek L.
 (74) Griffith Hack

(71) National University of Singapore
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 (51) Int. Cl.
A61K 35/17 (2015.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
 (43) 09.02.2023
 (62) 2017363278
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Nicoventures Trading Limited
 (11) AU-A-2023200106
 (21) 2023200106 (22) 10.01.2023
 (54) Vapour provision system and corresponding method
 (51) Int. Cl.
A24F 40/53 (2020.01)
A24F 40/57 (2020.01)
 (43) 09.02.2023
 (62) 2020272554
 (72) SUTTON, Joseph
 (74) Spruson & Ferguson

(71) Nicoventures Trading Limited
 (11) AU-A-2023200116

(21) 2023200116 (22) 10.01.2023
 (54) Aerosol-generating device
 (51) Int. Cl.
A24F 40/465 (2020.01)
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 (54) FOLDABLE AND ADJUSTABLE BEDS
 (51) Int. Cl.
A47C 19/12 (2006.01)
A47C 17/70 (2006.01)
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 (31) 202121705352.9 (32) 26.07.21 (33) CN
 (43) 09.02.2023
 (72) WANG, Wei; XIE, Jian; ZHANG, Fahuan
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 (21) 2023200079 (22) 06.01.2023
 (54) Wire arc accuracy adjustment system
 (51) Int. Cl.
B23K 9/04 (2006.01)
B22F 3/00 (2021.01)
B23K 9/12 (2006.01)
B23K 9/133 (2006.01)
B23K 10/02 (2006.01)
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B23K 26/342 (2014.01)
 (43) 09.02.2023
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 (72) Vigdal, Brede; Berg Haga, Hans-Martin; Falla, Tom-Erik
 (74) Dentons Patent Attorneys Australasia Limited

(71) Novartis AG
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 (21) 2023200038 (22) 04.01.2023
 (54) COMBINATIONS OF A HDM2-P53 INTERACTION INHIBITOR AND A BCL2 INHIBITOR AND THEIR USE FOR TREATING CANCER
 (51) Int. Cl.
A61K 31/506 (2006.01)
A61K 31/635 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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 (72) GUERREIRO, Nelson; HALILOVIC, Enzar; JULLION, Astrid; MEILLE, Christophe; WANG, Youzhen
 (74) Davies Collison Cave Pty Ltd

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 (62) 2019402151
 (72) GUERREIRO, Nelson; HALILOVIC, Enzar; JULLION, Astrid; MEILLE, Christophe; WANG, Youzhen
 (74) Davies Collison Cave Pty Ltd

(71) OJI Holdings Corporation
 (11) AU-A-2023200158
 (21) 2023200158 (22) 12.01.2023
 (54) Corrugated cardboard material and corrugated cardboard box using same
 (51) Int. Cl.
B31F 1/08 (2006.01)
B32B 3/28 (2006.01)
B65D 5/42 (2006.01)
D21H 27/40 (2006.01)
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 (54) A TRANSPORTABLE HAY DISTRIBUTOR
 (51) Int. Cl.
A01D 90/10 (2006.01)
A01D 90/14 (2006.01)
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 (43) 09.02.2023
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 (54) Stable anhydrous cleanser concentrate formulation and method of making same
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C11D 3/00 (2006.01)
C11D 3/10 (2006.01)
C11D 3/20 (2006.01)
C11D 11/00 (2006.01)
C11D 17/00 (2006.01)
C11D 17/06 (2006.01)
 (43) 09.02.2023
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B01D 46/52 (2006.01)
B01D 29/21 (2006.01)
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 (31) 17/383,204 (32) 22.07.21 (33) US
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 (72) KATHAN, Kyle R.
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E06B 3/70 (2006.01)
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 (74) James & Wells Intellectual Property

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A47C 21/08 (2006.01)
A61G 7/05 (2006.01)
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A61C 19/06 (2006.01)
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A61K 6/20 (2020.01)
A61K 6/69 (2020.01)
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A61L 27/54 (2006.01)
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C12N 15/113 (2010.01)
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G01S 17/34 (2020.01)

G01S 7/4865 (2020.01)
G01S 17/26 (2020.01)
G01S 17/88 (2006.01)
G01S 17/931 (2020.01)
G01S 17/933 (2020.01)
G05D 1/08 (2006.01)
G01S 13/88 (2006.01)
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B60S 1/32 (2006.01)
B60S 1/38 (2006.01)
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A61M 25/01 (2006.01)
A61F 2/95 (2013.01)
A61M 25/10 (2013.01)
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H01M 50/258 (2021.01)
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 (74) BRM Patent Attorneys Pty Ltd

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A47G 1/02 (2006.01)
A61F 5/455 (2006.01)
A61M 25/01 (2006.01)
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 (74) Griffith Hack

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F24S 25/615 (2018.01)
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D05B 1/12 (2006.01)
D05B 57/08 (2006.01)
D05B 65/00 (2006.01)
D05B 93/00 (2006.01)
D05C 15/20 (2006.01)
D05B 47/00 (2006.01)
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 (74) FB Rice Pty Ltd

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 (54) REFRIGERATOR AND HOME APPLIANCE
 (51) Int. Cl.

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(51) Int. Cl.
H01Q 1/24 (2006.01)
H01Q 1/48 (2006.01)
H04M 1/02 (2006.01)
H05K 5/00 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/02 (2006.01)
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A61P 3/10 (2006.01)
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(54) Customer service systems and portals
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G06F 16/00 (2019.01)
G06Q 50/00 (2012.01)
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H01L 31/18 (2006.01)
H02S 40/32 (2014.01)
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A61K 31/4375 (2006.01)
A61K 9/48 (2006.01)
A61K 31/202 (2006.01)
A61P 3/00 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
A61P 21/00 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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(72) Liu, Liping
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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A61F 11/00 (2022.01)
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(72) Badawi, David Y.; O'Keeffe, Daniel; Badawi, Paul
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2023200080 **(22)** 06.01.2023
(54) Noise cancellation using segmented, frequency-dependent phase cancellation
(51) Int. Cl.
G10K 11/16 (2006.01)
G10K 11/178 (2006.01)
G10L 21/02 (2013.01)
G10L 21/0208 (2013.01)
G10L 21/0232 (2013.01)
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(54) Lateralized dual-mobility assembly
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A61F 2/32 (2006.01)
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(54) Insulated sliding door assembly
(51) Int. Cl.
E06B 5/16 (2006.01)
E05B 63/14 (2006.01)
E05B 65/08 (2006.01)
E06B 3/46 (2006.01)
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(72) CHUBB, Alex
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(71) Southern Mills, Inc.
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(21) 2022283681 **(22)** 06.12.2022
(54) FLAME RESISTANT FABRICS
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D02G 3/44 (2006.01)
D03D 15/513 (2021.01)
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(54) METHOD FOR MANAGING ADVERTISEMENT
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G06Q 30/02 (2012.01)
(31) 110127013 **(32)** 22.07.21 **(33)** TW
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(54) SAFE STERILIZATION UNIT AND DOUBLE-SURFACE STERILIZATION DEVICE INCLUDING SAME
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G01J 1/42 (2006.01)
A61L 2/10 (2006.01)
G01N 21/17 (2006.01)
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 111207087 04.07.22 TW

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 (51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/4025 (2006.01)
A61K 31/427 (2006.01)
A61P 7/10 (2006.01)
C07D 417/04 (2006.01)
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H01M 8/0606 (2016.01)
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
C25B 15/08 (2006.01)
H01M 8/04 (2016.01)
H01M 8/04014 (2016.01)
H01M 8/04082 (2016.01)
H01M 8/10 (2016.01)
H05K 7/14 (2006.01)
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 (11) AU-A-2022206818
 (21) 2022206818 (22) 22.07.2022
 (54) Method of operating a fuel cell system with carbon dioxide recovery and associated installation
- (51) Int. Cl.
H01M 8/10 (2016.01)
H01M 8/0432 (2016.01)
 (31) 2108009 (32) 23.07.21 (33) FR
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A61K 9/00 (2006.01)
A61K 38/05 (2006.01)
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 (72) ROBERTSON, Lynne M.
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 (21) 2022204698 (22) 30.06.2022
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H10N 60/12 (2023.01)
G01R 33/035 (2006.01)
G06N 10/40 (2022.01)
H10N 60/10 (2023.01)
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 (54) Ergonomics improvement systems having wearable sensors and related methods
 (51) Int. Cl.
A61B 5/11 (2006.01)
A63B 24/00 (2006.01)
G01L 5/16 (2020.01)
G06F 3/01 (2006.01)
G08B 6/00 (2006.01)
 (31) 17/383,173 (32) 22.07.21 (33) US
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 (72) GEORGESON, Gary E.; LAUGHLIN, Brian D.
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A61B 5/11 (2006.01)
A41D 31/04 (2019.01)
A63B 24/00 (2006.01)
G01L 5/00 (2006.01)
G06F 3/01 (2006.01)
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 (54) THIOSACCHARIDE MUCOLYTIC AGENTS
 (51) Int. Cl.
A61K 31/10 (2006.01)
A61K 31/70 (2006.01)
A61P 11/12 (2006.01)
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 (74) RnB IP
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 (21) 2023200061 (22) 05.01.2023
 (54) REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME
 (51) Int. Cl.
G06F 7/00 (2006.01)
G06Q 40/00 (2023.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2023200095
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 (54) Sulfur(VI) fluoride compounds and methods for the preparation thereof
 (51) Int. Cl.
C07C 305/26 (2006.01)
A61K 31/10 (2006.01)
A61K 31/16 (2006.01)

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 (74) Griffith Hack

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 (54) GLP-1 And Use Thereof In Compositions For Treating Metabolic Diseases
 (51) Int. Cl.
C12N 15/88 (2006.01)
A61K 38/26 (2006.01)
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 (74) WRAYS PTY LTD

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 (11) AU-A-2023200081
 (21) 2023200081 (22) 06.01.2023
 (54) System, apparatus and method for ball throwing machine and intelligent goal
 (51) Int. Cl.
A63B 69/34 (2006.01)
A63B 65/12 (2006.01)
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 (54) Targeted CRISPR delivery platforms
 (51) Int. Cl.
C12N 15/86 (2006.01)
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 (21) 2023200050 (22) 05.01.2023
 (54) Methods and systems for multiple taxonomic classification
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C40B 20/00 (2006.01)
C12Q 1/68 (2018.01)

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 (21) 2022204871

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 (21) 2022204871 (22) 07.07.2022
 (54) Anchor device for anchoring a floating structure to the seabed and installation method of the anchor device

(51) Int. Cl.
B63B 21/26 (2006.01)
B63B 21/48 (2006.01)
B63B 21/50 (2006.01)
E02D 27/50 (2006.01)
E21B 7/12 (2006.01)
E21B 15/02 (2006.01)
 (31) EP21382686.0 (32) 26.07.21 (33) EP
 (43) 09.02.2023
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 (74) Griffith Hack

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 (51) Int. Cl.
G06Q 20/38 (2012.01)
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 (72) Jacobs, Mondo; Thekadath, Ajith; Daldoss, Lidia; Henstock, David
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2022203522 (22) 24.05.2022
 (54) Method for peeling potatoes and food processor

(51) Int. Cl.
A47J 17/18 (2006.01)
A23N 7/02 (2006.01)
B26D 3/28 (2006.01)
 (31) 21186946.6 (32) 21.07.21 (33) EP
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A47J 17/18 (2006.01)
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A61K 31/59 (2006.01)
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 (54) VEHICLE CONTROL SYSTEM
 (51) Int. Cl.
 B61L 15/00 (2006.01)
 B60T 13/66 (2006.01)
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 (72) Seiders, Roy Joseph; Bullock, Dustin; Dow, John W.
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 (74) Matthias Scholl Inc.

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(71) Zodiac Pool Systems LLC
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 (21) 2018102248 (22) 01.08.2018
 (54) Device and method for monitoring power quality and performance of electricity distribution components in electricity distribution network
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 H02J 3/00 (2006.01)
 G01R 15/00 (2006.01)
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 G06Q 50/06 (2012.01)
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 (72) ZAPATA, Jian Carlo Decena; CRUZAT II, Efren Santos; TORIO, Leonard Ostil; CURRIE, Gordon; STEWART, Neal George
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 (51) Int. Cl.
 H02J 9/06 (2006.01)
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 F21V 23/02 (2006.01)
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(74) Griffith Hack

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(21) 2021285136 **(22)** 03.06.2021
(54) Process for the preparation of lithium metal and lithium alloy mouldings
(51) Int. Cl.
C22B 26/12 (2006.01)
C23C 18/08 (2006.01)
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(31) 10 2020 114 839.9 **(32)** 04.06.20 **(33)** DE
(43) 09.12.2021
(72) WIETELMANN, Ulrich; DAWIDOWSKI, Dirk
(74) FB Rice Pty Ltd

(71) Alcon Inc.
(11) AU-A-2021325413
(21) 2021325413 **(22)** 04.08.2021
(54) System and method for post-occlusion surge mitigation
(51) Int. Cl.
A61M 1/00 (2006.01)
A61F 9/007 (2006.01)
(87) WO2022/034439
(31) 63/065,699 **(32)** 14.08.20 **(33)** US
(43) 17.02.2022
(72) BAXTER, Vincent A.; DYK, David; YALAMANCHILI, Satish; GORDON, Raphael
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
(11) AU-A-2021330513
(21) 2021330513 **(22)** 03.08.2021
(54) Laser surgical systems and methods for creating a marker in an eye
(51) Int. Cl.
A61F 9/008 (2006.01)
A61B 90/00 (2016.01)
(87) WO2022/043799
(31) 63/070,775 **(32)** 26.08.20 **(33)** US
(43) 03.03.2022
(72) ABRAHAM, Mario
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
(11) AU-A-2021330524
(21) 2021330524 **(22)** 23.08.2021
(54) System for aligning an eye with a patient interface of an ophthalmic laser device
(51) Int. Cl.
A61F 9/009 (2006.01)
A61B 3/00 (2006.01)
A61B 3/113 (2006.01)
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(72) ABRAHAM, Mario; WITTNEBEL, Michael
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
(11) AU-A-2021335168
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(54) Patient interface for ophthalmic laser surgical system
(51) Int. Cl.
A61F 9/009 (2006.01)
(87) WO2022/043837
(31) 63/070,783 **(32)** 26.08.20 **(33)** US
(43) 03.03.2022
(72) WITTNEBEL, Michael; ABRAHAM, Mario
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Aligos Therapeutics, Inc.
(11) AU-A-2021306314
(21) 2021306314 **(22)** 08.07.2021
(54) Modulators of THR- β and methods of use thereof
(51) Int. Cl.

A61P 1/18 (2006.01)
A61K 31/4353 (2006.01)
C07D 471/04 (2006.01)
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(31) 63/050,447 **(32)** 10.07.20 **(33)** US
(43) 13.01.2022
(72) MCGOWAN, David Craig; RABOISSON, Pierre Jean-Marie Bernard; VANDYCK, Koen; DEVAL, Jerome
(74) Spruson & Ferguson

(71) Allogene Therapeutics, Inc.
(11) AU-A-2021312871
(21) 2021312871 **(22)** 21.07.2021
(54) Chimeric antigen receptors with enhanced signaling and activities and uses thereof
(51) Int. Cl.

C07K 14/725 (2006.01)
A61K 35/17 (2015.01)
C07K 19/00 (2006.01)
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(31) 63/054,701 **(32)** 21.07.20 **(33)** US
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(72) BETHUNE, Michael Thomas; ZHANG, Yi; VAN BLARCOM, Thomas John; PANOWSKI, Siler; SASU, Barbra Johnson
(74) Spruson & Ferguson

(71) Alloplex Biotherapeutics
(11) AU-A-2020453180
(21) 2020453180 **(22)** 11.06.2020
(54) Allogeneic tumor cell vaccine
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/39 (2006.01)
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C07K 14/705 (2006.01)
C07K 16/44 (2006.01)
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(72) BORRIELLO, Frank
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(71) Alzheimer's Drug Discovery Foundation
(11) AU-A-2021309845
(21) 2021309845 **(22)** 14.07.2021
(54) Combination drug formulations including rotigotine and an acetylcholinesterase inhibitor for the treatment of neurodegenerative diseases
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A61K 9/70 (2006.01)
A61P 25/28 (2006.01)
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(72) FILLIT, Howard; KOCH, Giacomo; MARTORANA, Alessandro; TRAVAGLIA, Alessio
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Amgen Inc.
(11) AU-A-2021336397
(21) 2021336397 **(22)** 02.09.2021
(54) Easy open apparatus for medicament storage carton
(51) Int. Cl.
B65D 5/54 (2006.01)
(87) WO2022/051445
(31) 63/073,800 **(32)** 02.09.20 **(33)** US
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(72) LOWE, Trevor Raymond; MERILOS, Joshua; GERONDALE, Scott J.; THOMPSON, Lee; NORTH, Harrison; BURMEISTER, Jeffrey; RENTSCHLER, Alexander; MCGONIGLE, Brian
(74) Spruson & Ferguson

(71) Amgen Inc.
(11) AU-A-2021339562
(21) 2021339562 **(22)** 30.08.2021
(54) Predicting shelf life stability of lyophilized drug products
(51) Int. Cl.
G16C 60/00 (2019.01)
(87) WO2022/055738
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(74) Spruson & Ferguson

(71) Amryt Pharmaceuticals Inc.
(11) AU-A-2021316011
(21) 2021316011 **(22)** 29.07.2021
(54) Lomitapide for use in methods of treating hyperlipidemia and hypercholesterolemia in pediatric patients
(51) Int. Cl.
A61K 31/4468 (2006.01)
A61P 3/06 (2006.01)

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(11) AU-A-2021306197
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(54) Systems and methods for railway asset management
(51) Int. Cl.
B61L 27/00 (2022.01)
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(72) WEINER, Evan; MYERS, Brad A.
(74) Murray Trento & Associates Pty Ltd
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- (71) AnaptysBio, Inc.
(11) AU-A-2021319103
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(54) Anti-interleukin 36 receptor (IL-36r) therapy for ichthyosis
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 17/00 (2006.01)
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C07K 16/28 (2006.01)
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(31) 63/058,938 (32) 30.07.20 (33) US
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(72) PALLER, Amy; GUTTMAN, Emma; KHANSKAYA, Irina; KALAPANDA, Rupal; LONDEI, Marco
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- (71) Andritz AG
(11) AU-A-2021313258
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(54) Method and device for measuring the filtrate content on a screw press
(51) Int. Cl.
B30B 9/12 (2006.01)
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(72) EGGER, Markus; PICHLER, Franco; STELZER, Daniel; WILLBERGER, Stefan
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(54) Combination anti-cancer products and methods
(51) Int. Cl.
A61K 31/11 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021305174
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(54) Exteriorly mounted tissue on expandable frame for improved hemodynamic performance
(51) Int. Cl.
A61F 2/24 (2006.01)
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(74) Michael Buck IP
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(54) Composition comprising tTF-NGR for use in treating soft-tissue sarcoma
(51) Int. Cl.
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(72) BERDEL, Wolfgang E.
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(54) Application of hair-coloring compositions
(51) Int. Cl.
A45D 19/02 (2006.01)
A45D 24/28 (2006.01)
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(54) Bioavailable sugar-based diclofenac formulations
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(72) REINER, Alberto; REINER, Giorgio
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(54) Novel pyrazole derivatives
(51) Int. Cl.
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A61K 31/5377 (2006.01)
A61P 9/10 (2006.01)
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B64C 29/00 (2006.01)
B64D 27/24 (2006.01)
H02J 1/08 (2006.01)
H02J 7/00 (2006.01)
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F17C 13/04 (2006.01)
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(54) Thermal pressure relief device (TPRD), gas pressure accumulator and gas pressure accumulator system having TPRD, and method for thermal over-pressure protection
(51) Int. Cl.
F17C 13/04 (2006.01)
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G06F 9/445 (2018.01)
H04L 41/0806 (2022.01)
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C07C 45/46 (2006.01)
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C07C 49/82 (2006.01)
C07C 49/84 (2006.01)
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A61K 9/16 (2006.01)
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A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
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H04L 9/00 (2006.01)
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H04W 4/21 (2018.01)
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A61M 1/28 (2006.01)
A61B 5/145 (2006.01)
G01N 33/50 (2006.01)
G16H 10/40 (2018.01)
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B01D 63/02 (2006.01)
A61M 1/16 (2006.01)
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B22F 10/25 (2021.01)
B22F 10/28 (2021.01)
B22F 10/80 (2021.01)
B29C 64/153 (2017.01)
B29C 64/386 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
B33Y 40/00 (2020.01)
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G05B 19/40 (2006.01)
G06N 20/00 (2019.01)
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G01N 17/04 (2006.01)
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 (51) Int. Cl.
B63B 73/10 (2020.01)
B63B 73/30 (2020.01)
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B63G 8/00 (2006.01)
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 (51) Int. Cl.
B64C 23/06 (2006.01)
B63H 5/16 (2006.01)
B64C 21/02 (2006.01)
B64C 21/08 (2006.01)
B64C 29/00 (2006.01)
F15D 1/00 (2006.01)
F16L 55/027 (2006.01)
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B64C 23/06 (2006.01)
B63H 5/16 (2006.01)
B64C 21/02 (2006.01)
B64C 21/08 (2006.01)
B64C 29/00 (2006.01)
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B63H 5/16 (2006.01)
B64C 21/02 (2006.01)
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B64C 29/00 (2006.01)
F15D 1/00 (2006.01)
F16L 55/027 (2006.01)
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 (51) Int. Cl.
B60N 2/28 (2006.01)
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A61M 5/14 (2006.01)
A61K 51/00 (2006.01)
A61M 5/142 (2006.01)
A61M 5/145 (2006.01)
A61M 5/158 (2006.01)
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G01N 33/50 (2006.01)
G01N 15/14 (2006.01)
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A61M 25/00 (2006.01)
A61M 25/06 (2006.01)
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C07D 403/14 (2006.01)
A61K 31/4412 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 487/04 (2006.01)
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C07C 69/54 (2006.01)
C08F 120/30 (2006.01)
C08F 220/14 (2006.01)
C09D 133/14 (2006.01)
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C12M 1/107 (2006.01)
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B32B 27/06 (2006.01)
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E01C 21/00 (2006.01)
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A61K 47/64 (2017.01)
A61P 19/02 (2006.01)
A61P 27/02 (2006.01)
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C07K 16/28 (2006.01)
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A61K 47/68 (2017.01)
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A61K 48/00 (2006.01)
A61K 9/107 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
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(54) Method for determining risk of pre-term birth
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A61P 31/00 (2006.01)
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 (51) Int. Cl.
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A23L 2/66 (2006.01)
A23L 33/185 (2016.01)
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 (54) Systems and methods for evaluating and improving neurotransmitter levels based on mobile device application data
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A61B 5/00 (2006.01)
G02B 27/01 (2006.01)
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G06Q 50/00 (2012.01)
G06T 19/00 (2011.01)
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B60K 1/02 (2006.01)
B60K 6/26 (2007.10)
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B60L 50/60 (2019.01)
B60K 1/04 (2019.01)
B60L 58/18 (2019.01)
B60R 16/033 (2006.01)
E02F 9/20 (2006.01)
H02J 7/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2021305052 (22) 06.07.2021
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A61K 9/16 (2006.01)
A61K 9/48 (2006.01)
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C12N 15/113 (2010.01)
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G11B 7/128 (2012.01)
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(54) Implantable cranial medical device
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A61M 27/00 (2006.01)
A61B 10/00 (2006.01)
A61M 39/02 (2006.01)
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(54) Medical system including two access ports
(51) Int. Cl.
A61M 27/00 (2006.01)
A61B 10/00 (2006.01)
A61M 39/02 (2006.01)
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 A61K 35/76 (2015.01)
 A61P 37/06 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/86 (2006.01)
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 A61H 23/02 (2006.01)
 A61B 5/00 (2006.01)
 G06F 3/00 (2006.01)
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 A61K 9/08 (2006.01)
 A61K 31/05 (2006.01)
 A61K 31/352 (2006.01)
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 (51) Int. Cl.
 C07D 487/04 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/4985 (2006.01)
 A61K 31/519 (2006.01)
 A61P 1/00 (2006.01)
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 B01J 29/08 (2006.01)
 B01J 29/80 (2006.01)
 C10G 11/05 (2006.01)
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 E01B 9/38 (2006.01)
 E01B 7/00 (2006.01)
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 (54) Gear-track-detachable driving device in monorail crane suitable for steep slope
 (51) Int. Cl.
B66C 7/00 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd
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- (71) CJ CheilJedang Corporation
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 (54) Method for preparing amino acid granules from fermented liquid
 (51) Int. Cl.
A23K 20/142 (2016.01)
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 (54) Systems and methods of cylinder deactivation in high-temperature mixing-controlled engines
 (51) Int. Cl.
F02D 41/00 (2006.01)
F02D 13/06 (2006.01)
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 (54) Systems, methods, and devices for medical image analysis, diagnosis, risk stratification, decision making and/or disease tracking
 (51) Int. Cl.
G06T 7/00 (2017.01)
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/05 (2021.01)
A61B 6/00 (2006.01)
G16H 10/60 (2018.01)
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G16H 30/40 (2018.01)
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 (21) 2021317637 (22) 29.07.2021
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 (51) Int. Cl.
F04D 13/06 (2006.01)
F04D 7/06 (2006.01)
F04D 7/08 (2006.01)
F04D 29/048 (2006.01)
F16C 32/04 (2006.01)
G21D 1/04 (2006.01)
H02K 3/12 (2006.01)
H02K 3/34 (2006.01)
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 (11) AU-A-2021320155
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 (54) Therapeutic cure-pro compounds for targeted degradation of bet domain proteins, and methods of making and using them
 (51) Int. Cl.
A61K 47/50 (2017.01)
A61K 31/4035 (2006.01)
A61K 31/445 (2006.01)
A61K 31/69 (2006.01)
A61K 47/51 (2017.01)
C07D 243/06 (2006.01)
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 (31) 63/062,581 (32) 07.08.20 (33) US
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 (21) 2021305835 (22) 09.07.2021
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 (51) Int. Cl.
B01J 37/06 (2006.01)
B01J 23/70 (2006.01)
B01J 23/755 (2006.01)
B01J 23/889 (2006.01)
B01J 35/04 (2006.01)
B01J 35/10 (2006.01)
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 (21) 2021321415 (22) 04.08.2021
 (54) Therapeutic composition of cure-pro compounds for targeted degradation of bet domain proteins, and methods of making and usage
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4439 (2006.01)
C07D 401/04 (2006.01)
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A01N 25/26 (2006.01)
A23B 7/16 (2006.01)
A23B 9/14 (2006.01)
A23L 3/3454 (2006.01)
A23P 20/10 (2016.01)
A61K 9/28 (2006.01)
A61K 9/48 (2006.01)
A61K 9/51 (2006.01)
B05B 13/02 (2006.01)
B05D 3/02 (2006.01)
B05D 5/00 (2006.01)
C05G 3/40 (2020.01)
C05G 5/20 (2020.01)
C11D 17/08 (2006.01)
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B66F 9/075 (2006.01)
B66F 17/00 (2006.01)
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(54) Smoking filter
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A24D 3/04 (2006.01)
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C07D 401/14 (2006.01)
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(54) Method for preparing a crystalline form of rabeximod
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C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61P 37/02 (2006.01)
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(54) Rabeximod in the treatment of rheumatoid arthritis
- (51) Int. Cl.
A61K 31/4985 (2006.01)
A61K 9/48 (2006.01)
A61K 31/519 (2006.01)
A61P 19/02 (2006.01)
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- (51) Int. Cl.
A61K 9/48 (2006.01)
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A61K 31/519 (2006.01)
A61P 19/02 (2006.01)
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C07K 16/28 (2006.01)
A23L 33/17 (2016.01)
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A61P 3/04 (2006.01)
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 (21) 2021311539 (22) 20.07.2021
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 (51) Int. Cl.
A61K 45/00 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/4188 (2006.01)
A61K 31/42 (2006.01)
A61K 31/4545 (2006.01)
A61K 31/4709 (2006.01)
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A61P 35/00 (2006.01)
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G06Q 10/04 (2012.01)
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C12N 15/113 (2010.01)
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- (71) Davol Inc.
 (11) AU-A-2021299459
 (21) 2021299459 (22) 28.06.2021
 (54) Therapeutic powder applicator
 (51) Int. Cl.
A61M 13/00 (2006.01)
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 (54) Isotryptamine psychoplastogens and uses thereof
 (51) Int. Cl.
C07D 491/056 (2006.01)
A61K 31/407 (2006.01)
A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
C07D 209/04 (2006.01)
C07D 235/04 (2006.01)
C07D 471/04 (2006.01)
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C07D 491/052 (2006.01)
C07D 491/147 (2006.01)
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 (54) Tricyclic psychoplastogens and uses thereof
 (51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/4375 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/519 (2006.01)
A61K 31/55 (2006.01)
A61P 25/00 (2006.01)
A61P 25/28 (2006.01)
C07D 471/04 (2006.01)
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 (51) Int. Cl.
E01C 13/08 (2006.01)
E01C 13/02 (2006.01)
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C07D 217/26 (2006.01)
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 (54) A system and a method for reducing particulate pollutants in air, using pulsed electromagnetic waves
 (51) Int. Cl.
H01Q 1/00 (2006.01)
B01D 46/00 (2006.01)
B01D 49/00 (2006.01)
H04B 1/00 (2006.01)
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G05D 1/02 (2020.01)
G01S 17/06 (2006.01)
G01S 17/58 (2006.01)
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(74) mdp Patent and Trade Mark Attorneys
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G06F 18/2413 (2023.01)
G06V 10/82 (2022.01)
G06V 20/52 (2022.01)
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G07C 9/15 (2020.01)
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(72) FARESSE, Marc
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
A01N 39/04 (2006.01)
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A01N 25/30 (2006.01)
A01P 13/02 (2006.01)
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(51) Int. Cl.
G05D 1/12 (2006.01)
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(54) Rechargeable battery discharge device for discharging rechargeable batteries, and method for discharging a plurality of rechargeable batteries
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H02J 7/00 (2006.01)
H01M 50/51 (2021.01)
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A61L 27/52 (2006.01)
A61F 2/30 (2006.01)
A61L 27/48 (2006.01)
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(54) Air treatment systems and methods
(51) Int. Cl.
A61L 2/04 (2006.01)
B01D 53/86 (2006.01)
(87) WO2021/260677
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(54) Devices for preventing inhalation of, exposure to, airborne material
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A62B 18/02 (2006.01)
A62B 18/08 (2006.01)
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(51) Int. Cl.
C06B 21/00 (2006.01)
C06B 31/02 (2006.01)
C06B 31/28 (2006.01)
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(74) Spruson & Ferguson
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(54) Personal mobility system with elastic stability mechanism
(51) Int. Cl.
A61H 3/04 (2006.01)
A61G 5/08 (2006.01)
A61G 5/14 (2006.01)
A61H 3/06 (2006.01)
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(74) Adrian M Trioli Patent and Trade Mark Attorney
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(54) Providing rapid threshold amount of power to customer load during transfer between primary and secondary power supplies
(51) Int. Cl.
H02J 9/06 (2006.01)
H01R 25/00 (2006.01)
H02J 3/14 (2006.01)
(87) WO2022/006172
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63/045,535 29.06.20 US
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(11) AU-A-2021305611
(21) 2021305611 (22) 06.07.2021
(54) Foaming mixed alcohol/water compositions comprising a combination of alkyl siloxane and a hydrotrope/solubilizer
(51) Int. Cl.
C11D 3/00 (2006.01)
A61K 8/04 (2006.01)
C11D 1/72 (2006.01)
C11D 3/12 (2006.01)
C11D 3/16 (2006.01)
C11D 11/00 (2006.01)
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(31) 62/705,590 (32) 06.07.20 (33) US
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(72) MAN, Victor Fuk-Pong; PU, Gang; ANDERSON, Derrick
(74) Spruson & Ferguson
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(11) AU-A-2021306707
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(54) Foaming mixed alcohol/water compositions comprising a structured alkoxyated siloxane

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A01N 25/30 (2006.01)
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(54) Framework for deployable solar panels that can be arranged above a container-type modular element
(51) Int. Cl.
H02S 10/40 (2014.01)
H01L 31/042 (2014.01)
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(87) WO2022/008465
(31) FR2007126 (32) 06.07.20 (33) FR
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(72) FUCHS, Jean-Michel; ROHMER, Frédéric
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(54) Computer implemented systems and methods
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H04L 9/32 (2006.01)
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B08B 9/027 (2006.01)
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F28D 21/00 (2006.01)
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G01R 22/06 (2006.01)
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C12N 5/0775 (2010.01)
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A61K 39/395 (2006.01)
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C25B 1/04 (2021.01)
C01B 3/04 (2006.01)
C01B 13/02 (2006.01)
C08J 3/075 (2006.01)
C08J 3/24 (2006.01)
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H04L 41/5022 (2022.01)
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H02S 50/10 (2014.01)
G01N 21/94 (2006.01)
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H01M 4/04 (2006.01)
H01M 4/134 (2010.01)
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H01M 4/36 (2006.01)
H01M 4/62 (2006.01)
H01M 10/0525 (2010.01)
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G01J 1/42 (2006.01)
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 (51) Int. Cl.
A61M 1/36 (2006.01)
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 (51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/00 (2006.01)
A61M 25/10 (2013.01)
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 (72) PAREKH, Asha; POWER, Adam
 (74) Elliptic Legal & Patent Services
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- (71) FUJIFILM Corporation; National University Corporation Tokyo Medical and Dental University
 (11) AU-A-2021301804
 (21) 2021301804 (22) 02.07.2021
 (54) Method for producing synovial membrane-derived mesenchymal stem cells and method for producing cell preparation for joint treatment
 (51) Int. Cl.
C12N 5/0775 (2010.01)
A61K 35/32 (2015.01)
A61P 19/02 (2006.01)
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 (74) Griffith Hack
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- (71) G.b. Progetti S.r.l.
 (11) AU-A-2021305973
 (21) 2021305973 (22) 07.07.2021
 (54) Control method for dispensing a hot fluid and device for dispensing a hot fluid
 (51) Int. Cl.
F04B 13/00 (2006.01)
A47J 31/00 (2006.01)
F04B 17/03 (2006.01)
F04B 23/02 (2006.01)
F04B 49/06 (2006.01)
F04B 53/08 (2006.01)
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 (72) ROLLA, Alberto
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- (71) Galera Labs, LLC; Northwestern University
 (11) AU-A-2020451007
 (21) 2020451007 (22) 02.06.2020
 (54) Combination cancer therapy with pentaaza macrocyclic ring complex and hormone therapy agent
 (51) Int. Cl.
A61K 31/375 (2006.01)
A61K 33/242 (2019.01)
A61K 33/32 (2006.01)
 (87) WO2021/247009
 (43) 09.12.2021
 (72) GIUS, David R.; BEARDSLEY, Robert A.; ZHU, Yueming; HOLMLUND, Jon; KEENE, Jeffery L.
 (74) Oxygene IP
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- (71) Garwood Medical Devices, LLC
 (11) AU-A-2021300277
 (21) 2021300277 (22) 29.06.2021
 (54) Method for optimizing treatment of infected metallic implants by measuring charge transfer
 (51) Int. Cl.

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A61N 1/18 (2006.01)
A61N 1/30 (2006.01)
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(43) 06.01.2022
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(74) Spruson & Ferguson
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- (71)** GEA Westfalia Separator Group GmbH
(11) AU-A-2021324023
(21) 2021324023 **(22)** 05.08.2021
(54) Separator insert and separator
(51) Int. Cl.
B04B 11/02 (2006.01)
B04B 1/08 (2006.01)
B04B 7/02 (2006.01)
B04B 7/08 (2006.01)
B04B 9/12 (2006.01)
B04B 11/08 (2006.01)
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71)** General Electric Technology GmbH
(11) AU-A-2021306489
(21) 2021306489 **(22)** 22.06.2021
(54) Power transformer assembly
(51) Int. Cl.
H01F 30/12 (2006.01)
H02J 3/18 (2006.01)
(87) WO2022/008227
(31) 20184187.1 **(32)** 06.07.20 **(33)** EP
(43) 13.01.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Genzyme Corporation
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(21) 2021283192 **(22)** 01.06.2021
(54) Rabbit antibodies to human immunoglobulins G
(51) Int. Cl.
C07K 16/18 (2006.01)
G01N 33/53 (2006.01)
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(43) 09.12.2021
(72) CHU, Ruiyin
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(11) AU-A-2021314957
(21) 2021314957 **(22)** 28.07.2021
(54) Mass production of human pluripotent stem cell derived cardiac stromal cell
(51) Int. Cl.
C12N 5/071 (2010.01)
C12N 5/077 (2010.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** Glassomer GmbH
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(21) 2021339001 **(22)** 10.09.2021
(54) Fabrication and thermal shaping of transparent glass
(51) Int. Cl.
C03B 19/06 (2006.01)
C03B 20/00 (2006.01)
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(74) Ahearn Fox
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- (71)** Glaukos Corporation
(11) AU-A-2021285850
(21) 2021285850 **(22)** 02.06.2021
(54) Rho kinase inhibitor releasing implants and related methods of use
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/4409 (2006.01)
A61K 31/472 (2006.01)
A61K 31/551 (2006.01)
A61K 47/32 (2006.01)
A61K 47/34 (2017.01)
A61P 27/02 (2006.01)
(87) WO2021/247690
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- (71)** Global Traffic Technologies, LLC
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(21) 2021292185 **(22)** 15.06.2021
(54) Dynamic activation of virtual phase selectors for control of traffic signal preemption
(51) Int. Cl.
H04W 4/029 (2018.01)
G08G 1/00 (2006.01)
G08G 1/07 (2006.01)
G08G 1/08 (2006.01)
G08G 1/09 (2006.01)
H04W 4/90 (2018.01)
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(43) 23.12.2021
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(74) Griffith Hack
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- (71)** GLUP LLC
(11) AU-A-2021306268
(21) 2021306268 **(22)** 06.07.2021
(54) Apparatus, system, and method for modified atmosphere packaging
(51) Int. Cl.
B65B 31/02 (2006.01)
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- A23B 4/00** (2006.01)
A23L 3/3409 (2006.01)
B65B 31/00 (2006.01)
B65B 31/04 (2006.01)
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(87) WO2022/010900
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(72) BELLMAN, Christina; ARTALE, Ryan; SODERBERG, Mark; TRUDEL, Thomas
(74) FPA Patent Attorneys Pty Ltd
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- (71)** GOJO Industries, Inc.
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(21) 2021296736 **(22)** 16.06.2021
(54) Dispensers, dispenser systems and refill units configured for autonomous firmware/software updates
(51) Int. Cl.
A47K 5/12 (2006.01)
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(31) 63/043,180 **(32)** 24.06.20 **(33)** US
(43) 30.12.2021
(72) BUELL, Shelby Jay; BULLOCK, Mark A.
(74) Collison & Co
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(11) AU-A-2021361780
(21) 2021361780 **(22)** 12.07.2021
(54) Photovoltaic power supply system and control method therefor, and air conditioning unit
(51) Int. Cl.
H02J 3/38 (2006.01)
F24F 11/88 (2018.01)
H02J 3/28 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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- (71)** Gree Electric Appliances, Inc. of Zhuhai
(11) AU-A-2021373660
(21) 2021373660 **(22)** 12.07.2021
(54) Control method for current-limiting control circuit, and electrical system
(51) Int. Cl.
H02H 9/02 (2006.01)
H02H 7/26 (2006.01)
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(72) ZHAO, Zhigang; LIAO, Junhao; LAI, Yuanhua; LIN, Baowei; LIU, Xia; WANG, Chunyang
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- (71)** Gree Electric Appliances, Inc. of Zhuhai
(11) AU-A-2021388545
(21) 2021388545 **(22)** 16.09.2021

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<p>(54) Insulation resistance detection circuit, resistance detection method, converter and photovoltaic centrifuge</p> <p>(51) Int. Cl. <i>H02S 50/10</i> (2014.01) <i>G01R 27/02</i> (2006.01) <i>G01R 31/12</i> (2020.01)</p> <p>(87) WO2022/110989</p> <p>(31) 202011340806.7 (32) 25.11.20 (33) CN (43) 02.06.2022</p> <p>(72) GUO, Yongying; HUANG, Meng; JIANG, Yingyi; HUANG, Songru; LIU, Xiaogao</p> <p>(74) Davies Collison Cave Pty Ltd</p>	<p>(54) Arm protector kits and methods of making and using the same</p> <p>(51) Int. Cl. <i>A61F 13/10</i> (2006.01) <i>A41D 13/08</i> (2006.01) <i>A61F 5/01</i> (2006.01) <i>A61F 17/00</i> (2006.01)</p> <p>(87) WO2021/262800</p> <p>(31) 63/043,219 (32) 24.06.20 (33) US (43) 30.12.2021</p> <p>(72) JENKINS, Brian E.; AYRES, Cayd; ALESBURY, Simon; HODA, Parker</p> <p>(74) Spruson & Ferguson</p>	<p>PCT/ CN2020/117615</p> <p>PCT/ CN2020/117738</p> <p>PCT/ CN2020/117767</p> <p>PCT/ CN2020/117789</p> <p>PCT/ CN2020/129129</p> <p>(43) 23.12.2021</p> <p>(72) HO, Kam Piu; JIANG, Yingkai; DONG, Yangjian</p> <p>(74) WRAYS PTY LTD</p>	<p>25.09.20 CN</p> <p>25.09.20 CN</p> <p>25.09.20 CN</p> <p>25.09.20 CN</p> <p>16.11.20 CN</p>
<p>(71) Gree Electric Appliances, Inc. of Zhuhai</p> <p>(11) AU-A-2021389718</p> <p>(21) 2021389718 (22) 13.09.2021</p> <p>(54) Method, apparatus, and energy-storage air conditioning system for on-grid and off-grid dispatch</p> <p>(51) Int. Cl. <i>H02J 3/00</i> (2006.01) <i>H02J 3/32</i> (2006.01)</p> <p>(87) WO2022/110977</p> <p>(31) 202011331089.1 (32) 24.11.20 (33) CN (43) 02.06.2022</p> <p>(72) HUANG, Songru</p> <p>(74) Davies Collison Cave Pty Ltd</p>	<p>(71) GRST International Limited</p> <p>(11) AU-A-2020453243</p> <p>(21) 2020453243 (22) 25.09.2020</p> <p>(54) Binder composition for secondary battery</p> <p>(51) Int. Cl. <i>H01M 4/62</i> (2006.01)</p> <p>(87) WO2021/253675</p> <p>(31) PCT/ (32) 17.06.20 (33) CN CN2020/096672</p> <p>PCT/ 19.08.20 CN CN2020/110105</p> <p>PCT/ 19.08.20 CN CN2020/110065</p> <p>(43) 23.12.2021</p> <p>(72) HO, Kam Piu; JIANG, Yingkai; GONG, Tao</p> <p>(74) WRAYS PTY LTD</p>	<p>(71) GRST International Limited</p> <p>(11) AU-A-2021290598</p> <p>(21) 2021290598 (22) 01.06.2021</p> <p>(54) Method for composite delamination</p> <p>(51) Int. Cl. <i>H01M 10/054</i> (2010.01) <i>B09B 3/00</i> (2022.01)</p> <p>(87) WO2021/254138</p> <p>(31) PCT/ (32) 17.06.20 (33) CN CN2020/096672</p> <p>PCT/ 19.08.20 CN CN2020/110065</p> <p>PCT/ 25.09.20 CN CN2020/117789</p> <p>PCT/ 15.03.21 CN CN2021/080670</p> <p>(43) 23.12.2021</p> <p>(72) HO, Kam Piu; JIANG, Yingkai; DONG, Yangjian</p> <p>(74) WRAYS PTY LTD</p>	<p>25.09.2020</p> <p>25.09.2020</p> <p>25.09.2020</p> <p>25.09.2020</p> <p>17.06.20 (33) CN</p> <p>19.08.20 CN</p> <p>19.08.20 CN</p> <p>23.12.2021</p> <p>15.03.21 CN</p>
<p>(71) Gree Electric Appliances, Inc. of Zhuhai</p> <p>(11) AU-A-2021397921</p> <p>(21) 2021397921 (22) 12.07.2021</p> <p>(54) Soft start circuit and power supply circuit</p> <p>(51) Int. Cl. <i>H02M 1/36</i> (2007.01) <i>H02H 3/087</i> (2006.01) <i>H02M 1/32</i> (2007.01) <i>H02M 3/335</i> (2006.01) <i>H05B 45/30</i> (2020.01)</p> <p>(87) WO2022/121305</p> <p>(31) 202011439784.X (32) 10.12.20 (33) CN (43) 16.06.2022</p> <p>(72) HU, Qigui; YUAN, Ke; LI, Weijin; ZHENG, Xueyun</p> <p>(74) Davies Collison Cave Pty Ltd</p>	<p>(71) GRST International Limited</p> <p>(11) AU-A-2020453922</p> <p>(21) 2020453922 (22) 25.09.2020</p> <p>(54) Binder composition for secondary battery</p> <p>(51) Int. Cl. <i>H01M 4/62</i> (2006.01)</p> <p>(87) WO2021/253672</p> <p>(31) PCT/ (32) 17.06.20 (33) CN CN2020/096672</p> <p>PCT/ 19.08.20 CN CN2020/110105</p> <p>PCT/ 19.08.20 CN CN2020/110065</p> <p>(43) 23.12.2021</p> <p>(72) HO, Kam Piu; JIANG, Yingkai; QIU, Hongke</p> <p>(74) WRAYS PTY LTD</p>	<p>(71) GRST International Limited</p> <p>(11) AU-A-2021290702</p> <p>(21) 2021290702 (22) 16.06.2021</p> <p>(54) Method for recycling battery electrodes</p> <p>(51) Int. Cl. <i>H01M 10/54</i> (2006.01)</p> <p>(87) WO2021/254393</p> <p>(31) PCT/ (32) 17.06.20 (33) CN CN2020/096672</p> <p>PCT/ 19.08.20 CN CN2020/110065</p> <p>PCT/ 25.09.20 CN CN2020/117789</p> <p>PCT/ 25.12.20 CN CN2020/139555</p> <p>PCT/ 10.02.21 CN CN2021/076466</p> <p>(43) 23.12.2021</p> <p>(72) HO, Kam Piu; JIANG, Yingkai; DONG, Yangjian</p> <p>(74) WRAYS PTY LTD</p>	<p>12.07.2021</p> <p>17.06.20 (33) CN</p> <p>19.08.20 CN</p> <p>19.08.20 CN</p> <p>23.12.2021</p> <p>17.06.20 (33) CN</p> <p>19.08.20 CN</p> <p>19.08.20 CN</p> <p>25.09.20 CN</p> <p>25.12.20 CN</p> <p>10.02.21 CN</p>
<p>(71) Gree Electric Appliances, Inc. of Zhuhai</p> <p>(11) AU-A-2021413483</p> <p>(21) 2021413483 (22) 08.09.2021</p> <p>(54) On-grid/off-grid scheduling method and apparatus, and energy-storage power supply system</p> <p>(51) Int. Cl. <i>H02J 3/32</i> (2006.01) <i>H02J 3/38</i> (2006.01)</p> <p>(87) WO2022/142452</p> <p>(31) 202011640870.7 (32) 31.12.20 (33) CN (43) 07.07.2022</p> <p>(72) LI, Weijin; ZENG, Yunhong</p> <p>(74) Davies Collison Cave Pty Ltd</p>	<p>(71) GRST International Limited</p> <p>(11) AU-A-2020453945</p> <p>(21) 2020453945 (22) 25.12.2020</p> <p>(54) Method for composite delamination</p> <p>(51) Int. Cl. <i>H01M 10/54</i> (2006.01) <i>B09B 3/00</i> (2022.01) <i>B29B 17/02</i> (2006.01) <i>H01M 6/52</i> (2006.01) <i>H01M 10/0525</i> (2010.01)</p> <p>(87) WO2021/253787</p> <p>(31) PCT/ (32) 17.06.20 (33) CN CN2020/096672</p> <p>PCT/ 19.08.20 CN CN2020/110065</p> <p>PCT/ 19.08.20 CN CN2020/110105</p>	<p>(71) GRST International Limited</p> <p>(11) AU-A-2021292254</p> <p>(21) 2021292254 (22) 10.06.2021</p> <p>(54) Binder composition for secondary battery</p> <p>(51) Int. Cl. <i>C09J 133/26</i> (2006.01) <i>C08F 220/56</i> (2006.01) <i>H01M 4/131</i> (2010.01) <i>H01M 4/134</i> (2010.01) <i>H01M 4/136</i> (2010.01)</p>	<p>08.09.2021</p> <p>31.12.20 (33) CN</p> <p>25.12.2020</p> <p>17.06.20 (33) CN</p> <p>19.08.20 CN</p> <p>19.08.20 CN</p>
<p>(71) GRI-Alleset, INC</p> <p>(11) AU-A-2021296828</p> <p>(21) 2021296828 (22) 23.06.2021</p>			

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- (43) 23.12.2021
(72) HO, Kam Piu; JIANG, Yingkai; QIU, Hongke; GONG, Tao; HUEN, Priscilla
(74) WRAYS PTY LTD
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- (71) Guangdong Bright Dream Robotics Co., Ltd.
(11) AU-A-2021380445
(21) 2021380445 (22) 25.08.2021
(54) Robot-based scrape coating operation method and device
(51) Int. Cl.
E04F 21/24 (2006.01)
B25J 9/00 (2006.01)
- (87) WO2022/100200
(31) 202011281989.X (32) 16.11.20 (33) CN
(43) 19.05.2022
(72) FU, Yong; CHEN, Boqian; LIU, Hengzhi
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Guangdong Bright Dream Robotics Co., Ltd.
(11) AU-A-2021385838
(21) 2021385838 (22) 09.08.2021
(54) Mechanical arm device and coating robot
(51) Int. Cl.
B25J 11/00 (2006.01)
B01F 27/80 (2022.01)
B01F 35/00 (2022.01)
B25J 18/00 (2006.01)
- (87) WO2022/110896
(31) 202011337621.0 (32) 25.11.20 (33) CN
202011423818.6 08.12.20 CN
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(72) CHEN, Boqian; LIU, Hengzhi
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Guangdong Bright Dream Robotics Co., Ltd.
(11) AU-A-2022282086
(21) 2022282086 (22) 29.01.2022
(54) Roll coating execution terminal and roll coating robot
(51) Int. Cl.
E01C 19/16 (2006.01)
- (87) WO2022/247339
(31) 202111073853.4 (32) 14.09.21 (33) CN
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(43) 01.12.2022
(72) LIU, Hengzhi; CHEN, Boqian; FU, Yong; LIU, Jiancheng
(74) A.P.T. Patent and Trade Mark Attorneys
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- (71) Guangdong Haozhi Technology Co. Limited; GRST International Limited
(11) AU-A-2021291990
(21) 2021291990 (22) 15.06.2021
(54) Binder composition for secondary battery
(51) Int. Cl.
H01M 4/62 (2006.01)
- (87) WO2021/254300
(31) PCT/ CN2020/096672 (32) 17.06.20 (33) CN
PCT/ 19.08.20 CN
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(72) HO, Kam Piu; JIANG, Yingkai; GONG, Tao
(74) WRAYS PTY LTD
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- (71) Guerbet
(11) AU-A-2021309717
(21) 2021309717 (22) 16.07.2021
(54) Method for synthesising 2-bromoglutaric acid diesters
(51) Int. Cl.
C07C 67/08 (2006.01)
C07C 67/307 (2006.01)
C07C 69/62 (2006.01)
C07C 69/675 (2006.01)
- (87) WO2022/013440
(31) 20305823.5 (32) 16.07.20 (33) EP
(43) 20.01.2022
(72) PARATIAN, Jean-Michel; CERF, Martine
(74) FPA Patent Attorneys Pty Ltd
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- (71) HAI Robotics Co., Ltd.
(11) AU-A-2021304124
(21) 2021304124 (22) 24.06.2021
(54) Goods extraction device, depth measurement method, warehouse robot, and warehouse system
(51) Int. Cl.
B65G 1/137 (2006.01)
B65G 1/04 (2006.01)
- (87) WO2022/007641
(31) 202010662411.2 (32) 10.07.20 (33) CN
(43) 13.01.2022
(72) LI, Huixiang; ZHAO, Ying
(74) Davies Collison Cave Pty Ltd
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- (71) Halliburton Energy Services, Inc.
(11) AU-A-2021324947
(21) 2021324947 (22) 06.08.2021
(54) A valve including an expandable metal seal
(51) Int. Cl.
E21B 33/124 (2006.01)
E21B 33/127 (2006.01)
E21B 34/06 (2006.01)
- (87) WO2022/035704
(31) 63/065,248 (32) 13.08.20 (33) US
17/395,958 06.08.21 US
(43) 17.02.2022
(72) HOLDERMAN, Luke William; LEAST, Brandon Thomas
(74) Spruson & Ferguson
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- (71) Halliburton Energy Services, Inc.
(11) AU-A-2021325851
(21) 2021325851 (22) 06.08.2021
(54) Expandable metal displacement plug
(51) Int. Cl.
E21B 33/16 (2006.01)
E21B 33/08 (2006.01)
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(72) HOLDERMAN, Luke William; LEAST, Brandon Thomas
(74) Spruson & Ferguson
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- (71) Hangzhou Sciwind Biosciences Co., Ltd
(11) AU-A-2021286086
(21) 2021286086 (22) 04.06.2021
(54) Five-membered heteroaromatic imidazole compound and use thereof
(51) Int. Cl.
C07D 513/04 (2006.01)
A61K 31/497 (2006.01)
A61P 3/10 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
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(72) YU, Tao; GAN, Lu; WU, Chengde; CHEN, Shuhui
(74) FB Rice Pty Ltd
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- (71) Harbour Biomed (Shanghai) Co., Ltd
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(21) 2021302126 (22) 29.06.2021
(54) Binding protein having h2i2 and hcab structures
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 38/16 (2006.01)
A61P 35/00 (2006.01)
C07K 19/00 (2006.01)
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(11) AU-A-2021330181
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A61B 5/00 (2006.01)
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- (71) Helsingin Yliopisto
 (11) AU-A-2021303586
 (21) 2021303586 (22) 07.07.2021
 (54) Method for determining amounts of NAD metabolites from sample and methods and uses related thereto
 (51) Int. Cl.
G01N 33/573 (2006.01)
C12Q 1/32 (2006.01)
G01N 33/574 (2006.01)
G01N 33/82 (2006.01)
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 (21) 2021304907 (22) 06.07.2021
 (54) Bag-in-box container for storing and transporting liquids with a maximum security tap for consumption directly or by means of flexible tubes
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B67D 3/04 (2006.01)
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 (54) Computing system implementing a cognitive-based risk assessment service for motor vehicle risk determination
 (51) Int. Cl.
G06Q 40/08 (2012.01)
G16H 50/30 (2018.01)
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 (54) Immunomodulator
 (51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/4184 (2006.01)
- A61P 29/00** (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 487/20 (2006.01)
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 (11) AU-A-2021306755
 (21) 2021306755 (22) 15.04.2021
 (54) Immunomodulator
 (51) Int. Cl.
C07D 409/12 (2006.01)
A61K 31/427 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 271/10 (2006.01)
C07D 401/12 (2006.01)
C07D 403/12 (2006.01)
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C07D 413/12 (2006.01)
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 (11) AU-A-2021296681
 (21) 2021296681 (22) 26.06.2021
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C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
C07D 471/14 (2006.01)
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 (54) Systems and methods for assembling sub-components, sub-elements, and building elements
 (51) Int. Cl.
B21D 47/00 (2006.01)
B23P 17/00 (2006.01)
B23P 19/00 (2006.01)
B23P 21/00 (2006.01)
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B23Q 7/00 (2006.01)
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 (11) AU-A-2021299309
 (21) 2021299309 (22) 30.06.2021
 (54) Data generation method for regression models for circuit element value determination
 (51) Int. Cl.
G01R 31/08 (2020.01)
G01R 31/14 (2006.01)
G01R 31/50 (2020.01)
G01R 31/52 (2020.01)
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 (21) 2021307262 (22) 15.07.2021
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 (51) Int. Cl.
A61F 2/16 (2006.01)
G02C 7/04 (2006.01)
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 (21) 2020468167 (22) 17.09.2020
 (54) Photovoltaic system, and resonant switched capacitor converter and control method
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H02M 3/28 (2006.01)
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 (54) Charge/discharge equalization control method, battery assembly, and electric system
 (51) Int. Cl.
H02J 1/10 (2006.01)

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(11) AU-A-2021302193
(21) 2021302193 **(22)** 01.07.2021
(54) PPTDU transmission method and related device
(51) Int. Cl.
H04W 72/04 (2009.01)
(87) WO2022/002206
(31) 202010625292.3 **(32)** 01.07.20 **(33)** CN
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(54) Link error recovery method and apparatus
(51) Int. Cl.
H04L 1/18 (2006.01)
(87) WO2022/007728
(31) 202010664563.6 **(32)** 10.07.20 **(33)** CN
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- (71)** Hung, M.
(11) AU-A-2021284682
(21) 2021284682 **(22)** 01.06.2021
(54) Pharmaceutical composition for improving respiratory system damage and a use in preparation of pharmaceutical composition for improving respiratory system damage
(51) Int. Cl.
A61K 45/06 (2006.01)
A61K 33/44 (2006.01)
A61K 47/04 (2006.01)
A61P 11/00 (2006.01)
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(54) Ladder tape assemblies with cord shroud arrangements for slatted blinds
(51) Int. Cl.
E06B 9/303 (2006.01)
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(11) AU-A-2021324377
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(54) Additive for reducing polyurethane foam degradation
(51) Int. Cl.
C08G 18/18 (2006.01)
C08G 18/30 (2006.01)
C08G 18/32 (2006.01)
C08G 18/48 (2006.01)
C08G 18/76 (2006.01)
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(11) AU-A-2021288056
(21) 2021288056 **(22)** 11.06.2021
(54) Sulcardine administration for treatment of acute atrial fibrillation
(51) Int. Cl.
A61K 31/4025 (2006.01)
A61P 9/06 (2006.01)
(87) WO2021/252959
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(74) FB Rice Pty Ltd
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(11) AU-A-2021324051
(21) 2021324051 **(22)** 09.08.2021
(54) A process for applying a coating comprising one or more polysaccharides with binding affinity for bioanaytes onto the surface of a medical sampling device, and the medical sampling device for capture of bioanaytes provided with the coating
(51) Int. Cl.
G01N 33/50 (2006.01)
G01N 33/543 (2006.01)
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(74) DAVIS IP PTY LTD
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(11) AU-A-2021314805
(21) 2021314805 **(22)** 26.07.2021
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- (54)** Method for the treatment of plastic pyrolysis oils including single-stage hydro-cracking
(51) Int. Cl.
C10G 1/00 (2006.01)
C10G 65/12 (2006.01)
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(31) 2008106 **(32)** 30.07.20 **(33)** FR
(43) 03.02.2022
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(74) Griffith Hack
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(21) 2021318798 **(22)** 26.07.2021
(54) Method for the treatment of plastic pyrolysis oils including two-stage hydro-cracking
(51) Int. Cl.
C10G 1/00 (2006.01)
C10G 65/12 (2006.01)
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(43) 03.02.2022
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- (71)** iKamper Co., Ltd.
(11) AU-A-2021277700
(21) 2021277700 **(22)** 06.08.2021
(54) Rooftop tent fixing device and rooftop tent including same
(51) Int. Cl.
B60P 3/39 (2006.01)
E04H 15/06 (2006.01)
E04H 15/54 (2006.01)
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(11) AU-A-2022214943
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(54) Deep learning-based root cause analysis of process cycle images
(51) Int. Cl.
G06F 18/214 (2023.01)
G06V 10/44 (2022.01)
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(11) AU-A-2021285470
(21) 2021285470 **(22)** 04.06.2021
(54) Laser treatment of skin lesions under dermal vasoconstriction
(51) Int. Cl.
A61B 18/20 (2006.01)
A61B 18/00 (2006.01)

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A61N 5/06 (2006.01)
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(54) Incoming threat protection system and method of using same
(51) Int. Cl.
F41H 11/02 (2006.01)
B64C 39/02 (2006.01)
B64D 7/00 (2006.01)
F41H 11/00 (2006.01)
F41H 13/00 (2006.01)
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(11) AU-A-2021295581
(21) 2021295581 **(22)** 25.06.2021
(54) Production of non-precipitated plant protein isolates
(51) Int. Cl.
A23J 1/00 (2006.01)
A23J 1/12 (2006.01)
A23J 1/14 (2006.01)
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(31) 20305715.3 **(32)** 26.06.20 **(33)** EP
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(72) SCHWAB, Jérôme
(74) Davies Collison Cave Pty Ltd
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(21) 2021386796 **(22)** 27.01.2021
(54) Breast milk oligosaccharide for improving intestinal microenvironment health and use thereof
(51) Int. Cl.
A23C 9/156 (2006.01)
A23C 9/13 (2006.01)
A23C 19/00 (2006.01)
A23L 2/39 (2006.01)
A23L 33/21 (2016.01)
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(21) 2021301953 **(22)** 01.07.2021
(54) Construction and application of fusion protein vaccine platform
(51) Int. Cl.
A61K 38/21 (2006.01)
A61K 39/02 (2006.01)
A61K 39/12 (2006.01)
A61K 39/395 (2006.01)
A61P 31/04 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C12N 15/20 (2006.01)
C12N 15/62 (2006.01)
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(72) FU, Yangxin; PENG, Hua; SUN, Shiyu
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(54) SARS-CoV-2 immunogenic compositions, vaccines, and methods
(51) Int. Cl.
A61K 39/12 (2006.01)
A61P 31/14 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
(87) WO2022/013405
(31) 63/052,264 **(32)** 15.07.20 **(33)** US
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(11) AU-A-2021297896
(21) 2021297896 **(22)** 23.06.2021
(54) Systems and methods for fine adjustment of roof models
(51) Int. Cl.
G06T 17/00 (2006.01)
G06F 16/583 (2019.01)
G06F 16/587 (2019.01)
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(21) 2021300622 **(22)** 09.06.2021
(54) Downsampling genomic sequence data
(51) Int. Cl.
C12Q 1/68 (2018.01)
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(54) Fast radio frequency package
(51) Int. Cl.
H01L 25/00 (2006.01)
H01L 23/498 (2006.01)
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(21) 2021302892 **(22)** 24.06.2021
(54) Hypervisor protected key
(51) Int. Cl.
G06F 21/62 (2013.01)
(87) WO2022/003505
(31) 16/919,159 **(32)** 02.07.20 **(33)** US
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(72) BUENDGEN, Reinhard; BORNTRAEGER, Christian
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(21) 2021306830 **(22)** 23.06.2021
(54) Distributing encrypted data objects
(51) Int. Cl.
H04L 9/08 (2006.01)
H04L 9/14 (2006.01)
(87) WO2022/008247
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(43) 13.01.2022
(72) SOFIA, Anthony Thomas
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(54) Density-functional theory determinations using a quantum computing system
(51) Int. Cl.
G16C 10/00 (2019.01)
G16C 20/90 (2019.01)
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 (21) 2021308328 (22) 23.06.2021
 (54) Methods for detecting and monitoring bias in software application using artificial intelligence and devices thereof
 (51) Int. Cl.
 G06F 21/00 (2013.01)
 (87) WO2022/013648
 (31) 16/927,501 (32) 13.07.20 (33) US
 (43) 20.01.2022
 (72) SEKIGUCHI, Kazuki; TERUI, Fumihiko; DEY, Pinaki Chandra
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(71) International Business Machines Corporation
 (11) AU-A-2021308570
 (21) 2021308570 (22) 13.07.2021
 (54) Pool management for in-vehicle device application startup
 (51) Int. Cl.
 G06F 9/44 (2018.01)
 (87) WO2022/013735
 (31) 16/930,874 (32) 16.07.20 (33) US
 (43) 20.01.2022
 (72) OKADA, Masakuni; UENOHARA, Hayato; MATSUNAGA, Takuya
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 (21) 2021312206 (22) 23.07.2021
 (54) Evaluation of flow properties in physical media
 (51) Int. Cl.
 G01N 35/00 (2006.01)
 G01N 21/17 (2006.01)
 G01P 5/26 (2006.01)
 (87) WO2022/017501
 (31) 16/938,471 (32) 24.07.20 (33) US
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 (11) AU-A-2021312278
 (21) 2021312278 (22) 07.07.2021
 (54) Automated generation of optimization model for system-wide plant optimization
 (51) Int. Cl.
 G06N 20/00 (2019.01)
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 (54) Concealed object detection
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 (54) Real-time data quality analysis
 (51) Int. Cl.
 G06F 16/215 (2019.01)
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 (54) Power budget distribution in computer system
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 G06F 1/3206 (2019.01)
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 G06F 12/02 (2006.01)
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 (54) Radio-frequency (RF) to direct current (DC) converter and bipolar quantized supercurrent generator (QSG)
 (51) Int. Cl.
 H03K 17/92 (2006.01)
 G06N 10/00 (2022.01)
 H03K 3/38 (2006.01)
 H03K 19/195 (2006.01)
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(54) Quantum device facilitating a cross-resonance operation in a dispersive regime	(54) Illumination device for an elevator system and method for illuminating an elevator shaft			
(51) Int. Cl.	(51) Int. Cl.			
G06N 10/00 (2022.01)	B66B 3/00 (2006.01)			
G06N 10/40 (2022.01)	B66B 5/00 (2006.01)			
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(72) GAMBETTA, Jay; CHOW, Jerry; MAGESAN, Easwar; KANDALA, Abhinav; MINEV, Zlatko	(72) PFRUNDER, Martin			
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(71) International Business Machines Corporation	(71) Invivio Device Component Manufacturing Limited	(71) IP2IPO Innovations Limited	(71) AU-A-2021289535	
(11) AU-A-2021344568	(11) AU-A-2021303615	(11) AU-A-2021289535	(21) 2021289535 (22) 09.06.2021	
(21) 2021344568 (22) 10.09.2021	(21) 2021303615 (22) 01.07.2021	(21) 2021289535 (22) 09.06.2021	(54) 4-ethynylpyridine derivatives useful as GCN2 inhibitors	
(54) Optically multiplexed quantum control	(54) Composite materials	(54) 4-ethynylpyridine derivatives useful as GCN2 inhibitors	(51) Int. Cl.	
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.	C07D 401/06 (2006.01)	
G06N 10/00 (2022.01)	A61L 31/12 (2006.01)	A61K 31/444 (2006.01)	A61P 35/00 (2006.01)	
H04B 10/50 (2013.01)	A61B 17/00 (2006.01)	A61K 31/444 (2006.01)	C07D 401/14 (2006.01)	
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(72) RITTER, Mark; ORCUTT, Jason; GUMANN, Patryk	(87) WO2022/008877	(87) WO2021/250399	(87) WO2021/250399	
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(71) International Business Machines Corporation	(71) IOI Oleo GmbH	(43) 16.12.2021	(72) WHITLOCK, Gavin; FUCHTER, Matthew	(74) FB Rice Pty Ltd
(11) AU-A-2021349118	(11) AU-A-2020458771	(72) WHITLOCK, Gavin; FUCHTER, Matthew		
(21) 2021349118 (22) 21.09.2021	(21) 2020458771 (22) 07.09.2020	(74) FB Rice Pty Ltd		
(54) Current biased tunable qubit	(54) Process for preparing polycarboxylic acid ester-cross-linked polyglycerol esters of 3-hydroxybutyric acid			
(51) Int. Cl.	(51) Int. Cl.			
G06N 10/00 (2022.01)	C08G 65/48 (2006.01)	(71) ITF Research Pharma, S.L.U	(71) AU-A-2021298145	
(87) WO2022/063736	C08G 63/06 (2006.01)	(11) AU-A-2021298145	(21) 2021298145 (22) 24.06.2021	
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(72) PHUNG, Timothy	(87) WO2022/012768	(51) Int. Cl.	A61K 9/48 (2006.01)	
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(21) 2021282837 (22) 31.05.2021	(74) Spruson & Ferguson	(87) WO2021/260093	(87) WO2021/260093	
(54) Recombinant expression vector for producing encapsulin-based vaccine, and preparation method therefor		(31) 20382554.2 (32) 24.06.20 (33) EP	(31) 20382554.2 (32) 24.06.20 (33) EP	
(51) Int. Cl.		(43) 30.12.2021	(43) 30.12.2021	
C12N 15/70 (2006.01)		(72) MOSCOSO DEL PRADO, Jaime; URSO, Katia; PÉREZ HERNANDO, Elena	(72) MOSCOSO DEL PRADO, Jaime; URSO, Katia; PÉREZ HERNANDO, Elena	
A61K 39/12 (2006.01)		(74) Collison & Co	(74) Collison & Co	
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C07K 14/005 (2006.01)				
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(21) 2021315992 (22) 28.07.2021	(21) 2021315992 (22) 28.07.2021	(21) 2021310689 (22) 15.07.2021	(54) Body processing apparatus and methods of use	
(54) Compounds and methods for reducing app expression	(54) Compounds and methods for reducing app expression	(54) Body processing apparatus and methods of use	(51) Int. Cl.	
(51) Int. Cl.	(51) Int. Cl.	(51) Int. Cl.	B09B 3/00 (2022.01)	
C12N 15/113 (2010.01)	C12N 15/113 (2010.01)	B09B 3/00 (2022.01)	A62D 3/30 (2007.01)	
C07K 14/47 (2006.01)	C07K 14/47 (2006.01)	A62D 3/36 (2007.01)	A62D 3/36 (2007.01)	
C12N 15/11 (2006.01)	C12N 15/11 (2006.01)	C01D 1/00 (2006.01)	C01D 1/00 (2006.01)	
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		(72) BOYLE, Jeffrey Allan	(72) BOYLE, Jeffrey Allan	
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 (54) Systems and methods for multi-color led pixel unit with vertical light emission
 (51) Int. Cl.
G09G 3/32 (2016.01)
H01L 25/075 (2006.01)
H01L 25/16 (2023.01)
H01L 27/12 (2006.01)
H01L 33/60 (2010.01)
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 (54) Proteins comprising CD3 antigen binding domains and uses thereof
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A61K 39/395 (2006.01)
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 (54) Materials and methods for viral purification
 (51) Int. Cl.
A61K 35/761 (2015.01)
C12N 7/00 (2006.01)
C12N 7/01 (2006.01)
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C12N 15/86 (2006.01)
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 (54) Cell-based assay for determining the in vitro tumor killing activity of chimeric antigen expressing immune cells
 (51) Int. Cl.
G01N 33/50 (2006.01)
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 (54) Macrocyclic 7-pyrazol-5-yl-indole derivatives as inhibitors of MCL-1
 (51) Int. Cl.
C07D 515/22 (2006.01)
A61K 31/4162 (2006.01)
A61P 35/00 (2006.01)
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C07D 237/32 (2006.01)
A61K 31/502 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 17/00 (2006.01)
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C07D 403/12 (2006.01)
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 (21) 2021288987 (22) 09.06.2021
 (54) Macrocyclic 2-amino-3-fluoro-but-3-enamides as inhibitors of MCL-1
 (51) Int. Cl.
C07D 513/20 (2006.01)
A61K 31/553 (2006.01)
A61P 35/00 (2006.01)
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 (54) Vaccine combination against respiratory syncytial virus infection
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A61K 39/12 (2006.01)
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- (71) JGC Corporation
 (11) AU-A-2021423388
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 (54) Ammonia production apparatus and ammonia production method
 (51) Int. Cl.
C01C 1/04 (2006.01)
C01B 3/04 (2006.01)
C01B 21/04 (2006.01)
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 (72) ISOBE, Hiroyuki; FUJIMURA, Yasushi; KAI, Mototaka; HOSHINO, Yuki; NARITA, Keisuke
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) Tetrahydroisoquinoline compounds and use thereof
 (51) Int. Cl.
C07D 413/12 (2006.01)
A61K 31/428 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/502 (2006.01)
A61K 31/517 (2006.01)
A61P 3/10 (2006.01)
A61P 7/06 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 405/12 (2006.01)
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 (54) Online pet joint custody method, server, and system
 (51) Int. Cl.
 G06Q 50/22 (2018.01)
 G06Q 20/14 (2012.01)
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 (72) JIN, Jeong Sik
 (74) H & H Lawyers
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 (54) Predicting cancer relapse and treatment of cancer diseases
 (51) Int. Cl.
 G01N 33/50 (2006.01)
 C12Q 1/6897 (2018.01)
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 (11) AU-A-2021281566
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 (54) Multi-cavity customizable dosage forms
 (51) Int. Cl.
 A61K 9/20 (2006.01)
 A61K 31/135 (2006.01)
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 (21) 2021322735 (22) 06.08.2021
 (54) Method for producing a biocompatible implant, and implant
 (51) Int. Cl.
 A61L 27/18 (2006.01)
 A61F 2/30 (2006.01)
 A61L 27/56 (2006.01)
 B29C 64/153 (2017.01)
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 (54) Implant system
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 A61B 17/80 (2006.01)
 A61B 17/00 (2006.01)
 A61B 17/15 (2006.01)
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 A61K 9/16 (2006.01)
 A61K 31/01 (2006.01)
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 C12N 9/94 (2006.01)
 G01N 33/48 (2006.01)
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 C07K 1/14 (2006.01)
 A61K 47/02 (2006.01)
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A61B 5/00 (2006.01)
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G16H 50/30 (2018.01)
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A23K 10/30 (2016.01)
A23K 20/163 (2016.01)
A23K 50/70 (2016.01)
A23K 50/75 (2016.01)
A61K 36/00 (2006.01)
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A61P 33/00 (2006.01)
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C07J 71/00 (2006.01)
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A61K 31/7048 (2006.01)
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A23K 20/163 (2016.01)
A23K 50/70 (2016.01)
A23K 50/75 (2016.01)
A61K 33/00 (2006.01)
A61K 36/00 (2006.01)
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A61P 33/02 (2006.01)
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C12N 9/92 (2006.01)
C11B 3/00 (2006.01)
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C12N 15/81 (2006.01)
C12P 33/00 (2006.01)
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C07C 323/62 (2006.01)
C07F 9/32 (2006.01)
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D06F 73/00 (2006.01)
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A01N 63/50 (2020.01)
A23B 4/12 (2006.01)
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A23B 7/10 (2006.01)
A23B 7/154 (2006.01)
A23B 9/26 (2006.01)
A23K 10/18 (2016.01)
A23L 3/3463 (2006.01)
A23L 33/135 (2016.01)
A23L 33/195 (2016.01)
C07K 14/335 (2006.01)
C12N 1/20 (2006.01)
C12Q 1/04 (2006.01)
C12R 1/225 (2006.01)
C12R 1/24 (2006.01)
C12R 1/25 (2006.01)
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A61K 39/00 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/30 (2006.01)
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G10D 3/02 (2006.01)
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(51) Int. Cl.
A47L 11/40 (2006.01)
G05D 1/02 (2020.01)
G16Y 40/30 (2020.01)
G16Y 40/60 (2020.01)
H04M 1/72415 (2021.01)
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A47L 11/40 (2006.01)
F04D 13/06 (2006.01)
F04D 15/02 (2006.01)
G06F 3/0484 (2022.01)

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A47L 9/28 (2006.01)
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D06F 58/12 (2006.01)
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F25J 3/06 (2006.01)
C07C 7/09 (2006.01)
C07C 11/02 (2006.01)
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G06K 19/077 (2006.01)
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(51) Int. Cl.
C09K 8/38 (2006.01)
C22B 15/00 (2006.01)
C22B 19/00 (2006.01)
C25C 1/12 (2006.01)
E21B 21/14 (2006.01)
E21B 43/28 (2006.01)
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A61K 31/36 (2006.01)
A61K 31/198 (2006.01)
A61P 25/00 (2006.01)
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A61F 13/00 (2006.01)
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H01L 31/072 (2012.01)
H01L 31/0224 (2006.01)
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C12M 1/32 (2006.01)
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(54) Engineered AAV vectors
(51) Int. Cl.
C12N 7/00 (2006.01)
A61K 39/12 (2006.01)
C07K 14/005 (2006.01)
C07K 14/47 (2006.01)
(87) WO2022/053642
(31) 20195554.9 **(32)** 10.09.20 **(33)** EP
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(72) MICHALAKIS, Stylianos; ZOBEL, Lena; BABUTZKA, Sabrina; BIEL, Martin; AMMER, Hermann
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 (11) AU-A-2021299284
 (21) 2021299284 (22) 29.06.2021
 (54) Degradable aliphatic polyester fluid
 (51) Int. Cl.
C09K 8/508 (2006.01)
C09K 8/68 (2006.01)
C09K 8/80 (2006.01)
C09K 8/88 (2006.01)
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 (31) 63/046,333 (32) 30.06.20 (33) US
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 (72) TODD, Bradley L.
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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- (71) Maguire Abbey, LLC
 (11) AU-A-2021286542
 (21) 2021286542 (22) 08.06.2021
 (54) Method for making polymers by transesterification of polyols and alkyl esters of polycarboxylic acids, polymers and copolymers made thereby and polymeric and copolymeric articles
 (51) Int. Cl.
C08G 63/91 (2006.01)
C07C 67/03 (2006.01)
C08F 18/16 (2006.01)
C08G 63/78 (2006.01)
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 (72) GREUEL, Michael P.; LAICO, Joseph P.
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- (71) Maple Glass Printing Pty Ltd
 (11) AU-A-2021289614
 (21) 2021289614 (22) 11.06.2021
 (54) Three-dimensional printing system
 (51) Int. Cl.
B29C 64/209 (2017.01)
B29C 48/86 (2019.01)
B29C 48/875 (2019.01)
B29C 64/106 (2017.01)
B29C 64/295 (2017.01)
B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
C03B 19/00 (2006.01)
H05B 3/00 (2006.01)
 (87) WO2021/248208
 (31) 2020901950 (32) 12.06.20 (33) AU
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 (72) BIRBILIS, Nick; FEENSTRA, Darren Robert; KOUTSONIKOLAS, Tony
 (74) Griffith Hack
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- (71) Maresca, V.
 (11) AU-A-2021309919
 (21) 2021309919 (22) 04.06.2021
 (54) Seat cover for motorcycles equipped with multifunction electronic unit
 (51) Int. Cl.
B62J 1/20 (2006.01)
B62J 1/28 (2006.01)
B62J 6/05 (2020.01)
B62J 50/22 (2020.01)
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- (71) Marsupial Holdings, Inc.
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 (54) Diffractive optic reflex sight
 (51) Int. Cl.
F41G 1/30 (2006.01)
F41G 1/34 (2006.01)
G02B 27/42 (2006.01)
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 (72) PARKER, William P.
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 (21) 2021285756 (22) 24.05.2021
 (54) Adhesive material with triggerable on-demand detachment
 (51) Int. Cl.
A61K 31/722 (2006.01)
A61K 31/765 (2006.01)
A61K 33/24 (2019.01)
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 (74) AJ PARK
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- (71) MBF Therapeutics, Inc.
 (11) AU-A-2021287965
 (21) 2021287965 (22) 11.06.2021
 (54) Enhanced immunogenic DNA/RNA compositions and methods
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
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 (72) KELLER, Lorraine; PADIDAM, Malla
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (54) Beverage and/or food carrier bag
 (51) Int. Cl.
A45C 11/20 (2006.01)
A45C 13/02 (2006.01)
B65D 1/34 (2006.01)
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 (72) MCKENZIE, Julie Maree
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- (71) MedImmune Limited
 (11) AU-A-2021290997
 (21) 2021290997 (22) 16.06.2021
 (54) Heterodimeric relaxin fusions and uses thereof
 (51) Int. Cl.
C07K 14/64 (2006.01)
A61K 38/22 (2006.01)
A61P 9/00 (2006.01)
 (87) WO2021/255127
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 (72) SERMADIRAS, Isabelle; PAPWORTH, Monika Anna; PATERSON, Judy Christiane; MARTIN, Esther Marie; KE, Peng
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- (71) Medtronic, Inc.
 (11) AU-A-2021286645
 (21) 2021286645 (22) 10.06.2021
 (54) Managing storage of sensed information
 (51) Int. Cl.
A61N 1/00 (2006.01)
G16H 40/63 (2018.01)
 (87) WO2021/252766
 (31) 63/037,406 (32) 10.06.20 (33) US
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 (72) KELLY, Kevin J.; WEH, Henrique
 (74) FB Rice Pty Ltd
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- (71) Medtronic, Inc.
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 (21) 2021287238 (22) 03.06.2021
 (54) Control policy settings for electrical stimulation therapy
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
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 (31) 63/037,361 (32) 10.06.20 (33) US
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 (72) BOURGET, Duane L.; HAGEMAN, Kristin N.; BINK, Hank; LI, Jiashu; SKARIE, Laura Ann
 (74) FB Rice Pty Ltd
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- (71) Medtronic, Inc.
 (11) AU-A-2021289581
 (21) 2021289581 (22) 03.06.2021
 (54) Maintaining temporal resolution of evoked compound action potential (ECAP) therapy data in memory constrained system
 (51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61N 1/372 (2006.01)
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 (21) 2021314523 (22) 19.07.2021
 (54) Optimised fibre reinforced films
 (51) Int. Cl.
 B29C 48/05 (2019.01)
 B29C 48/00 (2019.01)
 B29C 48/155 (2019.01)
 B29D 7/01 (2006.01)
 B65D 35/38 (2006.01)
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 (72) ARGYROPAIDAS, Ioannis; KARANDI-NOS, Anthony; TSOUKLERI, Georgia
 (74) Spruson & Ferguson

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 (21) 2021286662 (22) 10.06.2021
 (54) Combination therapies
 (51) Int. Cl.
 A61K 31/382 (2006.01)
 A61K 31/495 (2006.01)
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 (31) 63/037,750 (32) 11.06.20 (33) US
 (43) 16.12.2021
 (72) GOLD, Daniel P.
 (74) FB Rice Pty Ltd

(71) Merck Sharp & Dohme Corp., Eisai R&D Management Co., Ltd.
 (11) AU-A-2021297151
 (21) 2021297151 (22) 21.06.2021
 (54) Methods for treating cancer or von-Hippel Lindau disease using a combination of a PD-1 antagonist, a HIF-2 alpha inhibitor, and lenvatinib or a pharmaceutically acceptable salt thereof
 (51) Int. Cl.
 A61K 31/519 (2006.01)
 A61P 35/00 (2006.01)
 C07D 487/08 (2006.01)
 (87) WO2021/262562
 (31) 63/040,225 (32) 22.06.20 (33) US
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 (72) PERINI, Rodolfo Fleury; PINHEIRO, Elaine M.; WILLEMANN ROGERIO, Jaqueline
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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 (21) 2021297873 (22) 23.06.2021
 (54) High affinity antibodies targeting tau phosphorylated at serine 413
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61P 25/28 (2006.01)
 C07K 16/18 (2006.01)
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 (72) BAKER, Jeanne, E.; PARMENTIER BATTEUR, Sophie; CHEN, Ming-Tang; CHENG, Alan, C.; HSIEH, Chung-Ming; MIECZKOWSKI, Carl; SUON, Sokreine
 (74) Spruson & Ferguson

(71) Metabolic Technologies, LLC
 (11) AU-A-2021292308
 (21) 2021292308 (22) 17.06.2021
 (54) Compositions and methods of use of betaeta-hydroxy-betaeta-methylbutyrate (hmb) for improving muscle mass, strength and muscular function without exercise
 (51) Int. Cl.
 A23K 20/00 (2016.01)
 A23L 33/10 (2016.01)
 A23L 33/155 (2016.01)
 A61K 31/59 (2006.01)
 (87) WO2021/257839
 (31) 63/040,241 (32) 17.06.20 (33) US
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 (72) RATHMACHER, John; FULLER, John; BAIER, Shawn
 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2021292490 (22) 15.06.2021
 (54) Compositions and methods of use of beta-hydroxy-beta-methylbutyrate (HMB) and chemotherapy agents
 (51) Int. Cl.
 A61K 31/191 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2021/257562
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 (72) BETTEGA FELIPE, Karina; GORETI ECKERT DREHER, Raquel; CURI PEDROSA, Ronagela; PITCHFORD, Lisa
 (74) Dentons Patent Attorneys Australasia Limited

(71) Metso Outotec Finland Oy
 (11) AU-A-2021302770
 (21) 2021302770 (22) 23.06.2021
 (54) Froth-interaction flotation unit, mineral processing apparatus, and method
 (51) Int. Cl.
 B03D 1/14 (2006.01)
 B03B 7/00 (2006.01)
 B03D 1/02 (2006.01)
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 (72) SHERRELL, Ian; RINNE, Antti
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Micro Motion, Inc.
 (11) AU-A-2021321201
 (21) 2021321201 (22) 02.04.2021
 (54) Transducer for a vibrating fluid meter

(51) Int. Cl.
 G01F 1/84 (2006.01)
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 (72) LUPIENSKI, Mark; NIELSON, Jeffrey
 (74) GLMR

(71) miDiagnostics NV
 (11) AU-A-2021324130
 (21) 2021324130 (22) 13.08.2021
 (54) System for analysis
 (51) Int. Cl.
 B01L 3/00 (2006.01)
 (87) WO2022/034222
 (31) 20191196.3 (32) 14.08.20 (33) EP
 (43) 17.02.2022
 (72) ADAMS, Christopher; MIKAELIAN, David; DE GREVE, Klaas
 (74) WRAYS PTY LTD

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 (21) 2021325375 (22) 13.08.2021
 (54) System for analysis
 (51) Int. Cl.
 B01L 3/00 (2006.01)
 (87) WO2022/034224
 (31) 20191196.3 (32) 14.08.20 (33) EP
 (43) 17.02.2022
 (72) ADAMS, Christopher; MIKAELIAN, David; DE GREVE, Klaas
 (74) WRAYS PTY LTD

(71) Minghui Pharmaceutical (Shanghai) Limited; Minghui Pharmaceutical (Hangzhou) Limited
 (11) AU-A-2021284765
 (21) 2021284765 (22) 02.06.2021
 (54) Anti-B7-H3 antibody and preparation thereof and use thereof
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/68 (2017.01)
 A61P 35/00 (2006.01)
 (87) WO2021/244590
 (31) 202010491448.3 (32) 02.06.20 (33) CN
 (43) 09.12.2021
 (72) ZHU, Liyuan; WANG, Wenyi; LANG, Guojun; DENG, Min
 (74) FPA Patent Attorneys Pty Ltd

(71) Mitsubishi Electric Corporation
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 (21) 2020467362 (22) 11.09.2020
 (54) Positioning system, positioning method, and positioning program
 (51) Int. Cl.
 G01S 5/04 (2006.01)
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 (72) WATANABE, Futa
 (74) Griffith Hack

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 (11) AU-A-2021288205
 (21) 2021288205 (22) 11.06.2021
 (54) Navigational and/or robotic tracking methods and systems
 (51) Int. Cl.
 A61B 17/17 (2006.01)
 (87) WO2021/252882
 (31) 63/037,699 (32) 11.06.20 (33) US
 (43) 16.12.2021
 (72) SEXSON, Benjamin; PATIL, Hrish-eekesh
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) MSI Defense Solutions, LLC
 (11) AU-A-2021306349
 (21) 2021306349 (22) 09.07.2021
 (54) Modular integration kit for a positioning system
 (51) Int. Cl.
 F41A 23/24 (2006.01)
 F41A 23/02 (2006.01)
 F41A 27/06 (2006.01)
 F41F 3/06 (2006.01)
 F41H 5/16 (2006.01)
 F41H 5/20 (2006.01)
 F42B 39/24 (2006.01)
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 (31) 63/050,060 (32) 09.07.20 (33) US
 (43) 13.01.2022
 (72) FERGUSON, William Donald; HOLD-EN, David John
 (74) Spruson & Ferguson

(71) MyLand Company, LLC
 (11) AU-A-2021300276
 (21) 2021300276 (22) 29.06.2021
 (54) Microalgae-based soil non-electric inoculating system and methods of use
 (51) Int. Cl.
 C12M 1/00 (2006.01)
 A01N 65/03 (2009.01)
 C05F 17/971 (2020.01)
 C12M 1/12 (2006.01)
 C12M 1/26 (2006.01)
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 (31) 63/045,630 (32) 29.06.20 (33) US
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 (72) HAGUE, Dane; AYERS, Andrew D.; RISSER, Philip
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Myovant Sciences GmbH
 (11) AU-A-2021278303
 (21) 2021278303 (22) 27.05.2021
 (54) Combination solid oral dosage forms of gonadotropin-releasing hormone antagonists
 (51) Int. Cl.
 A61K 9/20 (2006.01)
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 A61K 31/00 (2006.01)
 (87) WO2021/239917
 (31) 63/032469 (32) 29.05.20 (33) US
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 (72) ALONZO, David E.; ULLMER, Kathleen D.; XIE, Minli
 (74) FPA Patent Attorneys Pty Ltd

(71) Nanjing Chia Tai Tianqing Pharmaceutical Co., Ltd.
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 (54) Pyrimidine compound as ASL inhibitor
 (51) Int. Cl.
 C07D 403/00 (2006.01)
 A61K 31/506 (2006.01)
 A61P 35/00 (2006.01)
 C07D 401/14 (2006.01)
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 C07D 405/14 (2006.01)
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 C07D 417/14 (2006.01)
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 (31) 202010471712.7 (32) 29.05.20 (33) CN
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(71) Nanosonics Limited
 (11) AU-A-2021285472
 (21) 2021285472 (22) 03.06.2021
 (54) System and method for traceability and hygiene compliance management re-processing of reusable medical devices and environments
 (51) Int. Cl.
 G16H 40/20 (2018.01)
 G06Q 10/06 (2012.01)
 G08B 21/24 (2006.01)
 G16H 40/40 (2018.01)
 G16H 70/20 (2018.01)
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 (21) 2021293238 (22) 17.06.2021
 (54) Compositions and methods for in situ single cell analysis using enzymatic nucleic acid extension
 (51) Int. Cl.
 C12Q 1/6841 (2018.01)
 C12Q 1/6806 (2018.01)
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 (72) CHENG, Jonathan; DUNAWAY, Dwayne; GREGORY, Mark; JUNG, Jaemyeong; KHAFIZOV, Rustem; KIM, Dae; PERILLO, Evan; RANE, Tushar; WU, Lidan
 (74) FPA Patent Attorneys Pty Ltd

(71) Narayanan, K.
 (11) AU-A-2020456098
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 (54) System for process coordination and interoperability across different systems, platforms and/or businesses
 (51) Int. Cl.
 G06F 16/25 (2019.01)
 G06F 9/54 (2006.01)
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 (87) WO2022/005453
 (43) 06.01.2022
 (72) NARAYANAN, Krishnamurthy
 (74) Collison & Co

(71) National University of Singapore
 (11) AU-A-2021310040
 (21) 2021310040 (22) 09.07.2021
 (54) Peptide adjuvant for its therapeutic applications in viral and tumour vaccine development and cancer immunotherapy and autoimmune disease diagnosis and treatments
 (51) Int. Cl.
 C07K 14/435 (2006.01)
 A61K 38/17 (2006.01)
 A61K 47/64 (2017.01)
 A61P 31/00 (2006.01)
 A61P 33/00 (2006.01)
 A61P 35/00 (2006.01)
 (87) WO2022/015240
 (31) 10202006656Q (32) 13.07.20 (33) SG
 (43) 20.01.2022
 (72) LU, Jinhua; WU, Shan
 (74) Michael Buck IP

(71) Navigo Proteins GmbH
 (11) AU-A-2021307552
 (21) 2021307552 (22) 14.07.2021
 (54) Immunoglobulin binding proteins for affinity purification
 (51) Int. Cl.
 C07K 1/22 (2006.01)
 C07K 14/31 (2006.01)
 C07K 14/315 (2006.01)
 C07K 16/00 (2006.01)
 (87) WO2022/013272
 (31) 20186024.4 (32) 15.07.20 (33) EP
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 (72) KNICK, Paul; BOBOLOWSKI, Hanna; KAHL, Mathias; FIEDLER, Erik; HAUPTS, Ulrich
 (74) FPA Patent Attorneys Pty Ltd

(71) NEC Corporation
 (11) AU-A-2020462910
 (21) 2020462910 (22) 13.08.2020
 (54) System, method, and non-transitory computer readable storage medium
 (51) Int. Cl.
 G06F 1/20 (2006.01)
 (87) WO2022/034673
 (43) 17.02.2022
 (72) RAJPUT Nirmal Singh; CHIBA Masaki; MIYAMOTO Yoshinori; MIYAMOTO Junichi; YOSHIKAWA Minoru
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 (21) 2021298211 (22) 21.06.2021
 (54) A structural truss, assembly and method of manufacture
 (51) Int. Cl.
E04C 3/26 (2006.01)
B29C 64/00 (2017.01)
B33Y 80/00 (2015.01)
E04B 1/06 (2006.01)
E04B 5/04 (2006.01)
E04C 3/293 (2006.01)
 (87) WO2021/260354
 (31) 2009632.7 (32) 24.06.20 (33) GB
 (43) 30.12.2021
 (72) COWARD, Andrew Robert
 (74) GLMR
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- (71) Neuroceuticals Inc.; PAX Co., Ltd.; OT-SUKA PHARMACEUTICAL FACTORY, INC.
 (11) AU-A-2021282718
 (21) 2021282718 (22) 04.06.2021
 (54) Light guide body
 (51) Int. Cl.
A61J 15/00 (2006.01)
 (87) WO2021/246520
 (31) 2020-097941 (32) 04.06.20 (33) JP
 (43) 09.12.2021
 (72) MIKE, Shinya; ENDOH, Hiroshi; FURUYAMA, Takeshi; SUZUKI, Yutaka
 (74) Spruson & Ferguson
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- (71) Neurocrine Biosciences, Inc.; Sanofi
 (11) AU-A-2021289538
 (21) 2021289538 (22) 09.06.2021
 (54) Synthetic methods for preparation of 4-(2-chloro-4-methoxy-5-methylphenyl)-N-((1S)-2-cyclopropyl-1-(3-fluoro-4-methylphenyl)ethyl)-5-methyl-N-prop-2-ynyl-1,3-thiazol-2-amine
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/395 (2006.01)
A61K 31/426 (2006.01)
A61K 31/573 (2006.01)
A61P 5/00 (2006.01)
C07C 209/44 (2006.01)
 (87) WO2021/250468
 (31) PCT/IB2020/000575 (32) 10.06.20 (33) IB
 (43) 16.12.2021
 (72) PALMER, Andrew; STIRN, Scott; RADISSON, Joel; COSTA, Christina Marie
 (74) FB Rice Pty Ltd
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- (71) Neusco Biotech Limited
 (11) AU-A-2021301865
 (21) 2021301865 (22) 25.06.2021
 (54) Tricyclic pyrimidinone compound, preparation method therefor, and composition and use thereof
 (51) Int. Cl.
C07D 487/14 (2006.01)
A61K 31/519 (2006.01)
A61K 31/522 (2006.01)
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- (71) New Motion Labs Ltd.
 (11) AU-A-2021307126
 (21) 2021307126 (22) 13.07.2021
 (54) Transmission system
 (51) Int. Cl.
F16H 7/06 (2006.01)
F16G 13/06 (2006.01)
F16G 13/08 (2006.01)
F16H 55/30 (2006.01)
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A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61N 1/372 (2006.01)
A61N 1/378 (2006.01)
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 (72) ARLOTTI, Mattia; ROSSI, Lorenzo
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) New York University
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 (51) Int. Cl.
B01L 3/00 (2006.01)
G01N 21/25 (2006.01)
G01N 21/64 (2006.01)
G01N 33/50 (2006.01)
G01N 35/08 (2006.01)
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 (51) Int. Cl.
B60H 1/00 (2006.01)
F41H 7/03 (2006.01)
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B29B 11/08 (2006.01)
B29B 11/14 (2006.01)
B65D 1/02 (2006.01)
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A23P 10/30 (2016.01)
A24B 13/00 (2006.01)
A24B 15/16 (2020.01)
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 (31) 63/036,251 (32) 08.06.20 (33) US
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B65G 3/02 (2006.01)
C09K 3/22 (2006.01)
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(43) 30.12.2021
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(54) 4-1BB binding protein and application thereof
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C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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(51) Int. Cl.
C08G 63/02 (2006.01)
C08J 11/14 (2006.01)
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(74) Griffith Hack
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(51) Int. Cl.
A61K 31/519 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(54) Controlled enzymatic browning of a non-meat protein containing material comprising pigment and laccase
(51) Int. Cl.
A23J 3/22 (2006.01)
A23J 3/08 (2006.01)
A23J 3/14 (2006.01)
A23J 3/16 (2006.01)
A23J 3/18 (2006.01)
A23J 3/20 (2006.01)
A23J 3/26 (2006.01)
A23L 5/43 (2016.01)
A23L 13/40 (2016.01)
A23P 30/20 (2016.01)
C09B 61/00 (2006.01)
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A01H 5/08 (2018.01)
A01H 6/82 (2018.01)
C12Q 1/6895 (2018.01)
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(54) Method and apparatus for determining a state of a capacitive voltage transformer
(51) Int. Cl.
G01R 15/06 (2006.01)
G01R 31/62 (2020.01)
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(31) A50607/2020 **(32)** 13.07.20 **(33)** AT
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(54) Systems and methods for integrating physical and virtual purchasing
(51) Int. Cl.
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(54) Systems and methods for updating electronic labels based on product position
(51) Int. Cl.
G09F 3/20 (2006.01)
G06F 3/147 (2006.01)
G06Q 10/08 (2012.01)
G06Q 20/20 (2012.01)
G06Q 30/02 (2012.01)
G06Q 30/06 (2012.01)
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(51) Int. Cl.
G01N 33/50 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/53 (2006.01)
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(54) Aggregating media content using a server-based system
(51) Int. Cl.
G06F 16/44 (2019.01)
G06F 16/48 (2019.01)
G06F 16/74 (2019.01)
G06F 16/78 (2019.01)
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(54) Fitness monitoring and tracking device
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/0205 (2006.01)

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(54) Bone nail device
(51) Int. Cl.
A61B 17/72 (2006.01)
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(21) 2021289354 **(22)** 10.06.2021
(54) Force and position sensing system for a towed vehicle
(51) Int. Cl.
B60D 1/30 (2006.01)
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(74) mdp Patent and Trade Mark Attorneys
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(11) AU-A-2021287069
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(54) Sanitisation system and method
(51) Int. Cl.
A61L 9/03 (2006.01)
F24F 3/16 (2021.01)
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(31) 2020901877 **(32)** 08.06.20 **(33)** AU
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(54) Apparatus and method for testing a fire suppression system
(51) Int. Cl.
A62C 35/62 (2006.01)
A62C 37/50 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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- (54)** Implants and methods of use, assembly and fabrication
(51) Int. Cl.
A61F 2/42 (2006.01)
A61B 17/56 (2006.01)
A61F 2/00 (2006.01)
A61F 2/30 (2006.01)
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(21) 2021290784 **(22)** 18.06.2021
(54) A module for the construction of a recreational track, particularly a bicycle track
(51) Int. Cl.
A63C 19/10 (2006.01)
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(54) "Module for construction of recreation track, especially bicycle one"
(51) Int. Cl.
A63C 19/10 (2006.01)
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(54) A rechargeable electromagnetic induction battery
(51) Int. Cl.
H01M 10/657 (2014.01)
H01M 10/44 (2006.01)
H01M 10/46 (2006.01)
H01M 10/654 (2014.01)
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(54) Agricultural planter depth calibration block
(51) Int. Cl.
A01C 7/20 (2006.01)
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A01B 63/00 (2006.01)
A01B 71/02 (2006.01)
A01B 79/00 (2006.01)
A01C 5/06 (2006.01)
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A61B 5/00 (2006.01)
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(54) Flushing channel device for a basin
(51) Int. Cl.
E03C 1/18 (2006.01)
E03C 1/048 (2006.01)
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(74) Gestalt Law Pty Ltd
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(54) C-type natriuretic peptides and methods thereof in treating cancer
(51) Int. Cl.
A61K 38/16 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61P 9/00 (2006.01)
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- (51) Int. Cl.
A61P 1/16 (2006.01)
C07K 7/14 (2006.01)
C07K 7/16 (2006.01)
C07K 7/50 (2006.01)
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A24F 40/46 (2020.01)
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A61K 31/352 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
A61K 31/05 (2006.01)
A61P 21/00 (2006.01)
A61P 25/28 (2006.01)
C07C 39/23 (2006.01)
C07D 311/80 (2006.01)
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B01F 25/30 (2022.01)
E02D 5/34 (2006.01)
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B65D 75/58 (2006.01)
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- (74) Ascot Martin Registered Patent & Trade Mark Attorneys
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A61M 39/02 (2006.01)
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- (54) Liquid spray system and method of spraying
- (51) Int. Cl.
B05B 7/24 (2006.01)
B05B 12/00 (2018.01)
- (87) WO2021/260151
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- (74) Minter Ellison
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A61K 31/015 (2006.01)
A61K 31/16 (2006.01)
A61K 31/4192 (2006.01)
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A61P 35/00 (2006.01)
A61K 38/00 (2006.01)
A61P 37/02 (2006.01)
C07K 14/495 (2006.01)
C07K 14/71 (2006.01)
C07K 16/28 (2006.01)
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- (74) Adams Pluck
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A61K 31/4178 (2006.01)
A61K 31/4184 (2006.01)
A61P 3/00 (2006.01)
A61P 9/10 (2006.01)
A61P 25/28 (2006.01)
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- (74) Spruson & Ferguson
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- (71) President and Fellows of Harvard College
- (11) AU-A-2021307409
- (21) 2021307409 (22) 13.07.2021
- (54) Anterior nares swab and uses thereof
- (51) Int. Cl.
A61J 1/05 (2006.01)
A61B 10/00 (2006.01)
B01L 3/00 (2006.01)
B01L 3/14 (2006.01)
B65D 51/24 (2006.01)
C12M 1/28 (2006.01)
G01N 1/00 (2006.01)
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C07K 14/005 (2006.01)
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G08C 17/02 (2006.01)
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C07D 471/02 (2006.01)
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B65D 83/08 (2006.01)
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C12M 1/12 (2006.01)
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F41A 33/00 (2006.01)
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B25J 5/00 (2006.01)
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A61P 21/00 (2006.01)
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C10G 45/02 (2006.01)
C10L 1/06 (2006.01)
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A61K 31/427 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/454 (2006.01)
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related compounds as modulators for
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C07D 495/04 (2006.01)
A61K 31/381 (2006.01)
A61K 31/4155 (2006.01)
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A61K 31/4162 (2006.01)
A61K 31/439 (2006.01)
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A61K 31/444 (2006.01)
A61K 31/4745 (2006.01)
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
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C07D 451/04 (2006.01)
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A61K 31/351 (2006.01)
A61K 31/4025 (2006.01)
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A61P 21/00 (2006.01)
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F24F 1/022 (2019.01)
F24F 5/00 (2006.01)
F24H 4/02 (2022.01)
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G01S 7/484 (2006.01)
F41H 13/00 (2006.01)
G01S 17/10 (2020.01)
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A01H 1/08 (2006.01)
A01H 5/08 (2018.01)
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C12N 15/82 (2006.01)
C12Q 1/6895 (2018.01)
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A61B 17/064 (2006.01)
A61L 27/06 (2006.01)
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E21B 7/14 (2006.01)
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A23G 3/54 (2006.01)
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A61K 35/74 (2015.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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C12N 15/861 (2006.01)
A61K 35/761 (2015.01)
A61K 47/18 (2017.01)
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 (54) Locking threaded fasteners
 (51) Int. Cl.
F16B 41/00 (2006.01)
B25B 13/48 (2006.01)
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B25B 17/00 (2006.01)
F16B 23/00 (2006.01)
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C02F 1/28 (2006.01)
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F16L 11/02 (2006.01)
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A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
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A61K 31/5513 (2006.01)
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A61P 27/02 (2006.01)
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A61K 31/192 (2006.01)
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F24F 11/79 (2018.01)
F24F 13/078 (2006.01)
F24F 13/15 (2006.01)
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 (51) Int. Cl.

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E04B 2/18 (2006.01)
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E04C 2/32 (2006.01)
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H04L 9/06 (2006.01)
G06F 7/58 (2006.01)
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C07C 235/60 (2006.01)
A61K 38/26 (2006.01)
A61K 47/18 (2017.01)
A61P 3/04 (2006.01)
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C07K 16/28 (2006.01)
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G09B 21/00 (2006.01)
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(54) Apparatus and system for authenticating, grading, and encapsulating collectibles
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A45C 3/12 (2006.01)
A47F 7/08 (2006.01)
G06Q 30/00 (2012.01)
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C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
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C12Q 1/70 (2006.01)
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A61F 2/24 (2006.01)
A61F 2/95 (2013.01)
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 (54) Strapping tool
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B65B 13/18 (2006.01)
B65B 13/22 (2006.01)
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 (54) Knife plate fastener
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E04B 1/26 (2006.01)
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 (54) Chimeric MyD88 receptors for redirecting immunosuppressive signaling and related compositions and methods
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C07K 14/705 (2006.01)
A61P 35/00 (2006.01)
C07K 14/19 (2006.01)
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 (54) Floating dewatering storage and off-loading vessel
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E21C 50/00 (2006.01)
B63B 27/22 (2006.01)
B63B 27/25 (2006.01)
B63B 27/34 (2006.01)
E02F 1/00 (2006.01)
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A61L 9/20 (2006.01)
A61L 2/10 (2006.01)
F21V 7/00 (2006.01)
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A23P 20/10 (2016.01)
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H02S 20/32 (2014.01)
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A61P 29/02 (2006.01)
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G06Q 10/10 (2012.01)
G06F 40/30 (2020.01)
G06N 20/00 (2019.01)
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A61N 1/36 (2006.01)
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C12N 5/02 (2006.01)
C07K 14/465 (2006.01)
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C12N 5/07 (2010.01)
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(54) Method for preparing glucopyranosyl derivatives and intermediates thereof
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C07H 9/04 (2006.01)
C07H 1/00 (2006.01)
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G06V 20/40 (2022.01)
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(71) University College Cardiff Consultants Limited (11) AU-A-2021303616 (21) 2021303616 (22) 01.07.2021 (54) Microneedle delivery device (51) Int. Cl. A61M 37/00 (2006.01) (87) WO2022/008878 (31) 2010674.6 (32) 10.07.20 (33) GB (43) 13.01.2022 (72) BIRCHALL, James; COULMAN, Sion; GUALENI, Benedetta; BISHOP, Oliver; SMART, Nicholas; STAUBER, Isabelle (74) Adams Pluck	(71) UOP LLC (11) AU-A-2021306370 (21) 2021306370 (22) 07.07.2021 (54) A process for PVC-containing mixed plastic waste pyrolysis (51) Int. Cl. C08J 11/04 (2006.01) B29B 17/00 (2006.01) C08J 11/16 (2006.01) F23G 5/027 (2006.01) (87) WO2022/011385 (31) 63/050,704 (32) 10.07.20 (33) US (43) 13.01.2022 (72) SUN, Ping; TYSKA, Jeffrey; MONTALBANO, Joseph A. (74) FPA Patent Attorneys Pty Ltd	(71) UPL Limited (11) AU-A-2021294579 (21) 2021294579 (22) 24.06.2021 (54) Herbicide combinations (51) Int. Cl. A01N 39/02 (2006.01) A01N 33/18 (2006.01) A01N 43/82 (2006.01) (87) WO2021/260736 (31) 20305693.2 (32) 24.06.20 (33) EP (43) 30.12.2021 (72) SHROFF, Jaidev Rajnikant; HELLER, Jean-Jacques; POLLET, Jean-Philippe; SHROFF, Vikram Rajnikant; REYER, William (74) Churchill Attorneys	
(71) University of Maine System Board of Trustees (11) AU-A-2021300231 (21) 2021300231 (22) 30.06.2021 (54) Pathogen collection and handling system (51) Int. Cl. B01D 29/62 (2006.01) B01D 61/38 (2006.01) B01D 69/06 (2006.01) (87) WO2022/006311 (31) 63/046,671 (32) 30.06.20 (33) US (43) 06.01.2022 (72) HOWELL, Caitlin; REGAN, Daniel (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd	(71) UOP LLC (11) AU-A-2021308710 (21) 2021308710 (22) 08.07.2021 (54) High-temperature pyrolysis of plastics to monomers (51) Int. Cl. C08J 11/04 (2006.01) B09B 3/00 (2022.01) B29B 17/02 (2006.01) (87) WO2022/016178 (31) 63/050,787 (32) 11.07.20 (33) US (43) 20.01.2022 (72) SHI, Yili; BARGER, Paul T.; ABREVAYA, Hayim (74) Patent Attorney Services	(71) UPL Limited (11) AU-A-2021308555 (21) 2021308555 (22) 10.07.2021 (54) A solid agrochemical composition and process of preparation thereof (51) Int. Cl. A01N 25/12 (2006.01) A01N 25/14 (2006.01) A01N 25/30 (2006.01) A01N 25/32 (2006.01) A01N 37/26 (2006.01) A01N 43/36 (2006.01) A01N 43/707 (2006.01) A01P 13/00 (2006.01) (87) WO2022/013702 (31) 202021029513 (32) 11.07.20 (33) IN (43) 20.01.2022 (72) OLTIKAR, Vikas Vinayak; SAPKALE, Pradeep Shamrao; SAINI, Anil; SHIRSAT, Rajan Ramakant (74) Churchill Attorneys	
(71) University of South Australia (11) AU-A-2021302678 (21) 2021302678 (22) 30.06.2021 (54) New therapeutic use of Rilpivirine (51) Int. Cl. A61K 31/505 (2006.01) A61K 31/337 (2006.01) A61P 35/00 (2006.01) (87) WO2022/000019 (31) 2020902207 (32) 30.06.20 (33) AU (43) 06.01.2022 (72) HEAD, Richard John; WANG, Shudong; ISLAM, Md Saiful; KUMARASIRI, Malika (74) Madderns Pty Ltd	(71) UPL Corporation Limited; UPL Europe Ltd (11) AU-A-2021298929 (21) 2021298929 (22) 30.06.2021 (54) Synergistic herbicide combinations, compositions and use thereof (51) Int. Cl. A01N 35/10 (2006.01) A01P 13/00 (2006.01) (87) WO2022/003355 (31) 20305740.1 (32) 01.07.20 (33) EP (43) 06.01.2022 (72) PIROTTE, Alan; BAILLY, Géraldine; HAWKINS, Emma Louise; SEPULCHRE DE CONDÉ, Christophe (74) Churchill Attorneys	(71) Uriach Italy S.R.L. (11) AU-A-2021304480 (21) 2021304480 (22) 09.07.2021 (54) Novel strain of the species lactiseibadillus rhamnosus, compositions thereof and use thereof in the treatment of genitourinary infections (51) Int. Cl. A61K 35/747 (2015.01) A61K 31/04 (2006.01) A61P 13/00 (2006.01) A61P 15/02 (2006.01) A61P 31/04 (2006.01) C12R 1/225 (2006.01) (87) WO2022/009170 (31) 102020000016666 (32) 09.07.20 (33) IT (43) 13.01.2022 (72) SECONDINI, Lorenzo; RANDAZZO, Cinzia Lucia; CIANCI, Antonio; CIANCI, Stefano; CAGGIA, Cinzia; PINO, Alessandra; CATERA, Mietta (74) Spruson & Ferguson	
(71) University of Sydney (11) AU-A-2021304685 (21) 2021304685 (22) 08.07.2021 (54) System and method for cardiac structure tracking (51) Int. Cl. A61B 34/20 (2016.01) A61B 34/10 (2016.01) A61B 90/10 (2016.01) G06T 7/174 (2017.01) G06T 7/246 (2017.01) (87) WO2022/006633 (31) 2020902370 (32) 09.07.20 (33) AU	(71) UPL Corporation Limited; UPL Europe Ltd. (11) AU-A-2021311123 (21) 2021311123 (22) 21.07.2021 (54) Fungicidal composition (51) Int. Cl. A01N 37/46 (2006.01) A01N 43/32 (2006.01) A01N 43/653 (2006.01) A01P 3/00 (2006.01) (87) WO2022/018655		

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F03G 7/08 (2006.01)
 (87) WO2021/261425
 (31) PCT/JP2020/024443 (32) 22.06.20 (33) JP
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 (72) SHIRAISHI, Yasutaka
 (74) Spruson & Ferguson
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- (71) Vanderbilt University
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 (54) 7-(piperidin-1-yl)-4H-pyrimido[1,2-b]pyridazin-4-one derivatives as positive allosteric modulators of the muscarinic acetylcholine receptor M4
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
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 (72) LINDSLEY, Craig W.; CONN, P. Jeffrey; ENGERS, Darren W.; GREGRO, Alison R.; TEMPLE, Kayla J.; LONG, Madeline F.; RINGUETTE, Anna E.; BAKER, Logan A.; JENSEN, Thomas
 (74) Griffith Hack
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- (71) Verastem, Inc.
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 (54) Combination therapy for treating abnormal cell growth
 (51) Int. Cl.
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 (72) COMA, Silvia; PACHTER, Jonathan A.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Vera Therapeutics, Inc.; Novartis AG
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 (54) Dosing of polyomavirus neutralizing antibodies
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C07K 16/10 (2006.01)
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 (72) ABEND, Johanna R.; KNAPP, Mark; KOVACS, Steven J.; PATICK, Amy K.; TRAGGIALI, Elisabetta
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ViaSat, Inc.
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 (54) Method and system for visualizing performance indicators of onboard services provided during similar trips
 (51) Int. Cl.
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 (72) LALA, Sanjay V.
 (74) Adams Pluck
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- (71) ViaSat, Inc.
 (11) AU-A-2021289726
 (21) 2021289726 (22) 09.06.2021
 (54) Antenna system having simultaneous beamforming and surveying capability
 (51) Int. Cl.
H04B 7/06 (2006.01)
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 (72) KIESEL, Gregory; ROSE, Christopher A.; SAUNDERS, David R.
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- (71) Vio Chemicals AG
 (11) AU-A-2021303484
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 (54) Method for preparation of 2,6-bis(hydroxymethyl)pyridine via enzymatic catalysis
 (51) Int. Cl.
C12P 13/00 (2006.01)
C07D 213/30 (2006.01)
C12N 9/02 (2006.01)
C12P 17/12 (2006.01)
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 (72) PANKE, Sven; HELD, Martin; KAR-DASHLIEV, Tsvetan
 (74) IPiphany Limited
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- (71) Vir Biotechnology, Inc.; Humabs Bio-Med SA
 (11) AU-A-2021296848
 (21) 2021296848 (22) 23.06.2021
 (54) Engineered hepatitis B virus neutralizing antibodies and uses thereof
 (51) Int. Cl.
A61P 31/20 (2006.01)
C07K 16/08 (2006.01)
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 (72) ROSEN, Laura; CZUDNOCHOWSKI, Nadine; LEMPP, Florian A.; SNELL, Gyorgy; CORTI, Davide; CAMERONI, Elisabetta
 (74) Spruson & Ferguson
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- (71) VirTech Bio, Inc.
 (11) AU-A-2021297879
 (21) 2021297879 (22) 23.06.2021
 (54) Compositions and methods for treating hemorrhagic shock
 (51) Int. Cl.
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A61K 35/16 (2015.01)
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A61P 7/08 (2006.01)
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 (72) LIGHT III, William Richard
 (74) Spruson & Ferguson
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- (71) Virtureal Pty Ltd
 (11) AU-A-2021303292
 (21) 2021303292 (22) 02.07.2021
 (54) A virtual reality system
 (51) Int. Cl.
G06F 3/01 (2006.01)
G02B 27/01 (2006.01)
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 (72) ORR, Jeremy Taylor
 (74) Michael Buck IP
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- (71) Vivo Mobile Communication Co., Ltd.
 (11) AU-A-2021284686
 (21) 2021284686 (22) 01.06.2021
 (54) Beam failure recovery method and apparatus, and device
 (51) Int. Cl.
H04W 72/04 (2009.01)
H04L 5/00 (2006.01)
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 (31) 202010491231.2 (32) 02.06.20 (33) CN
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 (72) YANG, Yu
 (74) Adams Pluck
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- (71) Vivo Mobile Communication Co., Ltd.
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 (54) Information control method, apparatus, and base station
 (51) Int. Cl.
H04W 4/06 (2009.01)
H04W 72/12 (2009.01)
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 (72) LIU, Jiamin
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- (71) Waggle Corporation
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 (54) Mobile device communication without network connection
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H04W 4/20 (2018.01)
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 (72) WHEELER, Glen
 (74) James & Wells Intellectual Property

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 (21) 2021288809 (22) 14.06.2021
 (54) System and method for treating post traumatic stress disorder (ptsd) and phobias
 (51) Int. Cl.
A61M 21/02 (2006.01)
A61B 5/00 (2006.01)
A61B 5/16 (2006.01)
 (87) WO2021/250642
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 (72) EMMA, Matthew; BONANNO, David; EMMA, Robert; DENNIS, Amber; COX, Lucera
 (74) WRAYS PTY LTD

(71) Wavin B.V.
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 (21) 2021306147 (22) 07.07.2021
 (54) Pivot joints, kits of parts for assembling pivot joints, manhole bases, manholes, water transport systems, and methods of assembling water transport systems
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E03F 5/02 (2006.01)
F16L 27/04 (2006.01)
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 (72) BESTEN, Markus Wilhelmus Johannes; BOXUM, Silas Rudolf
 (74) Spruson & Ferguson

(71) Wayne Fueling Systems LLC
 (11) AU-A-2021300289
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 (54) Real-time determination of meter drift via loss qualification and quantification
 (51) Int. Cl.
G01F 25/00 (2022.01)
B67D 7/08 (2010.01)
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 (74) Davies Collison Cave Pty Ltd

(71) Weave Grid, Inc.
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 (21) 2021306282 (22) 07.07.2021
 (54) Optimized charging of electric vehicles over distribution grid
 (51) Int. Cl.
H02J 3/14 (2006.01)
B60L 53/63 (2019.01)
H02J 7/00 (2006.01)
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 (72) BHARGAVA, Apoorv; TAGGART, John Marshall
 (74) Davies Collison Cave Pty Ltd

(71) Weir Minerals Netherlands B.V.
 (11) AU-A-2021316898
 (21) 2021316898 (22) 19.07.2021
 (54) Wear detection apparatus
 (51) Int. Cl.
B02C 4/02 (2006.01)
B02C 4/28 (2006.01)
B02C 25/00 (2006.01)
 (87) WO2022/023869
 (31) 2011840.2 (32) 30.07.20 (33) GB
 (43) 03.02.2022
 (72) VAN RIJSWICK, Rudolfus; WASSEN, Nico; THIJSSSEN, Jos; HANNOT, Stephan
 (74) WEIR MINERALS AUSTRALIA LTD

(71) Western Green, LLC
 (11) AU-A-2021281340
 (21) 2021281340 (22) 28.05.2021
 (54) Erosion control securing apparatus and method
 (51) Int. Cl.
A01G 13/02 (2006.01)
A45F 3/44 (2006.01)
B25B 21/00 (2006.01)
E02D 5/02 (2006.01)
E02D 5/80 (2006.01)
E02D 17/20 (2006.01)
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 (31) 63/031,768 (32) 29.05.20 (33) US
 (43) 02.12.2021
 (72) LIPSCOMB, Chad
 (74) GLMR

(71) Whoop, Inc.
 (11) AU-A-2021286646
 (21) 2021286646 (22) 10.06.2021
 (54) Wearable infection monitor
 (51) Int. Cl.
G16H 50/20 (2018.01)
 (87) WO2021/252768
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 (72) CAPODILUPO, John Vincenzo; CAPODILUPO, Emily Rachel
 (74) AJ PARK

(71) Wing Aviation LLC
 (11) AU-A-2021321287
 (21) 2021321287 (22) 20.07.2021
 (54) Verification of unmanned aerial vehicle ADS-B receiver operability
 (51) Int. Cl.
G08G 5/00 (2006.01)
 (87) WO2022/031428
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 (72) KOZLER, Shirley; JONES, Brandon L.
 (74) Spruson & Ferguson

(71) Wu, W.
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 (21) 2021440425 (22) 15.04.2021
 (54) Self-powered device
 (51) Int. Cl.

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 (43) 20.10.2022
 (72) WU, Wenjing
 (74) Davies Collison Cave Pty Ltd

(71) Wuxi Keyi New Material Co., Ltd.
 (11) AU-A-2021308016
 (21) 2021308016 (22) 30.06.2021
 (54) Fatigue-resistant layered elastomer
 (51) Int. Cl.
D04H 3/011 (2012.01)
A47C 27/12 (2006.01)
D04H 3/16 (2006.01)
 (87) WO2022/012335
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 (72) CHEN, Hao
 (74) Davies Collison Cave Pty Ltd

(71) Xu, Z.; Xu, Y.
 (11) AU-A-2021298570
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 (54) Sequence encryption method for composite rebuild of keys
 (51) Int. Cl.
H04L 9/16 (2006.01)
 (87) WO2022/001885
 (31) 202010602861.2 (32) 29.06.20 (33) CN
 (43) 06.01.2022
 (72) XU, Zhineng; XU, Yefan
 (74) Madderns Pty Ltd

(71) Yale University
 (11) AU-A-2021288567
 (21) 2021288567 (22) 08.06.2021
 (54) Compositions and methods for treating and/or preventing coagulopathy and/or sepsis in patients suffering from bacterial and/or viral infections
 (51) Int. Cl.
A61P 31/00 (2006.01)
 (87) WO2021/252470
 (31) 63/035,956 (32) 08.06.20 (33) US
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 (72) STABACH, Paul; BRADDOCK, Demetrios
 (74) Spruson & Ferguson

(71) Yara International ASA
 (11) AU-A-2021290982
 (21) 2021290982 (22) 16.06.2021
 (54) Process for the removal of heavy metals from a phosphoric acid containing composition using an ionic polymeric surfactant and use of said surfactant in the precipitation of heavy metals in a phosphoric acid containing composition
 (51) Int. Cl.
C01B 25/238 (2006.01)
B09B 3/00 (2022.01)
C01G 3/00 (2006.01)
C01G 9/00 (2006.01)
C01G 11/00 (2006.01)
C01G 13/00 (2006.01)
C01G 21/00 (2006.01)
C01G 28/00 (2006.01)

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C01G 39/00 (2006.01)
C02F 1/54 (2006.01)
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C22B 3/38 (2006.01)
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20195110.0 08.09.20 EP
(43) 23.12.2021
(72) KITA, Patrycja; VOJNOVIC, Tanja;
BØYESEN, Katrine Lie
(74) WRAYS PTY LTD
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- (71) Yuhan Corporation
(11) AU-A-2021305561
(21) 2021305561 (22) 01.07.2021
(54) Pharmaceutical compositions comprising a diaminopyrimidine derivative or pharmaceutically acceptable salt thereof and processes for preparing the same
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/506 (2006.01)
A61K 47/12 (2006.01)
A61P 1/00 (2006.01)
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CHEON, Eun-Pa; HA, Tae-Lin; YANG,
Jun-Mo; PARK, Yoong-Sik
(74) Spruson & Ferguson
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(54) Dynamic fin alignment system
(51) Int. Cl.
B63B 32/66 (2020.01)
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- (87) WO2022/126226
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(72) MENDEZ ZARATE, Yuri
(74) FB Rice Pty Ltd
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- (71) Zebra Technologies Corporation
(11) AU-A-2021333269
(21) 2021333269 (22) 22.06.2021
(54) Autofocus optical arrangements and assemblies including voice coil motors
(51) Int. Cl.
G03B 3/10 (2021.01)
G02B 7/04 (2021.01)
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- (87) WO2022/046257
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(72) VINOGRADOV, Igor; SHI, David T.;
TAN, Chinh; GUREVICH, Vladimir
(74) Spruson & Ferguson
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- (71) Zelarion Malta Limited
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(54) Anti-CD2 antibodies
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
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C07K 16/28 (2006.01)
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(72) BERGLUND, David; BERGLUND, Erik;
SELLBERG, Felix; BINDER, Christian
(74) FB Rice Pty Ltd
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- (71) Zhengzhou Sanhua Technology Industry Co Ltd
(11) AU-A-2021304052
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(54) Conveying apparatus and toning apparatus
(51) Int. Cl.
B01F 27/92 (2022.01)
B01F 35/71 (2022.01)
B65G 47/22 (2006.01)
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(31) 202010664389.5 (32) 10.07.20 (33) CN
(43) 13.01.2022
(72) SHEN, Ruhua; KONG, Weipeng;
ZHANG, Kunkun
(74) James & Wells Intellectual Property
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- (71) Zodiac Pool Care Europe
(11) AU-A-2021359205
(21) 2021359205 (22) 12.10.2021
(54) Automatic swimming pool cleaners with bypass mechanisms
(51) Int. Cl.
E04H 4/16 (2006.01)
- (87) WO2022/079594
(31) 63/091,110 (32) 13.10.20 (33) US
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(72) BESNIER, Arnaud; FAVIE, Louis
(74) FB Rice Pty Ltd
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(21) 2021368612 (22) 28.10.2021
(54) Constructions of automatic swimming pool cleaners
(51) Int. Cl.
E04H 4/16 (2006.01)
- (87) WO2022/090998
(31) 63/107,318 (32) 29.10.20 (33) US
(43) 05.05.2022
(72) BESNIER, Arnaud; FAVIE, Louis; MAZ-
ET, Pierre; DELOCHE, Remi
(74) FB Rice Pty Ltd
-
- (71) Zodiac Pool Systems LLC
(11) AU-A-2021352992
(21) 2021352992 (22) 30.09.2021
- (54) Lighting system control using integrated control device especially useful for lights of swimming pools and spas
(51) Int. Cl.
H05B 45/10 (2020.01)
H05B 45/20 (2020.01)
H05B 47/175 (2020.01)
H05B 47/185 (2020.01)
- (87) WO2022/072607
(31) 63/086,289 (32) 01.10.20 (33) US
(43) 07.04.2022
(72) HENG, Hwa; LU, Barton; LO, Ricky
(74) FB Rice Pty Ltd

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2019476705	Polymer Technologies Worldwide, Inc.	2021282835	Lee, K.
2020450589	Sciwind Biosciences Co., Ltd.	2021282837	InThera Inc.
2020451007	Galera Labs, LLC; Northwestern University	2021283061	Duval, L.
2020451594	Privé, É.	2021283192	Genzyme Corporation
2020451729	China Railway Baoji Bridge Group Co., Ltd	2021283354	Crown Equipment Corporation
2020451827	Creative Biosciences (Guangzhou) Co., Ltd.	2021283377	ARRIS Enterprises LLC
2020452517	Kimberly-Clark Worldwide, Inc.	2021283458	Aethera Technologies Limited
2020452711	Katrck Technologies Limited	2021283465	Lizama Moreno, E.O.; Dahmen Lemus, R.E.
2020453086	Qyuns Therapeutics Co., Ltd.	2021283666	Empig AS
2020453143	Unist(Ulsan National Institute of Science and Technology)	2021283679	Dormakaba Schweiz AG
2020453180	Alloplex Biotherapeutics	2021283741	ORB Innovations Ltd
2020453243	GRST International Limited	2021283948	Jade Bird Display (Shanghai) Limited
2020453832	Longi Green Energy Technology Co., Ltd.	2021283993	Cutting Edge Packaging Solutions, LLC
2020453922	GRST International Limited	2021284131	Daegu Gyeongbuk Institute of Science And Technology
2020453945	GRST International Limited	2021284250	Janssen Biotech, Inc.
2020454040	Endogena Therapeutics, Inc.	2021284262	Ryan, J.
2020454079	Adalberto Mercado Alvarado	2021284299	Niagara Bottling, LLC
2020454135	Waggle Corporation	2021284477	Prime Bio, Inc.
2020454840	Bard Peripheral Vascular, Inc.	2021284541	BIK Therapeutics Inc.; Seoul National University Hospital
2020455649	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2021284682	Hung, M.
2020455754	Jin, J.S.	2021284686	Vivo Mobile Communication Co., Ltd.
2020456098	Narayanan, K.	2021284706	Devic Earth Private Limited
2020456844	Fireco S.R.L. A Socio Unico	2021284765	Minghui Pharmaceutical (Shanghai) Limited; Minghui Pharmaceutical (Hangzhou) Limited
2020457228	A2 Medical Systems LLC	2021285022	Empig AS
2020457240	ViaSat, Inc.	2021285118	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2020457511	Fracsun Inc.	2021285136	Albemarle Germany GmbH
2020458533	Electrolux Appliances Aktiebolag	2021285470	Ilooda Co., Ltd.; In, S.; Kim, Y.
2020458578	Front Line Medical Technologies Inc.	2021285472	Nanosonics Limited
2020458769	Probiogen AG	2021285756	Massachusetts Institute of Technology
2020458771	IOI Oleo GmbH	2021285850	Glaukos Corporation
2020458911	Talleres Ruiz S.A.	2021285889	Schwaderer, W.D.
2020458981	Proceq SA	2021286086	Hangzhou Sciwind Biosciences Co., Ltd
2020459982	Linxens Holding	2021286165	Sanofi
2020461587	Electrolux Appliances Aktiebolag	2021286173	Fresenius Medical Care Deutschland GmbH
2020462732	Electrolux Appliances Aktiebolag	2021286477	RE2, INC.
2020462910	NEC Corporation	2021286542	Maguire Abbey, LLC
2020463301	SENSEE, Inc.	2021286551	Tiveni Mergeco, Inc.
2020465419	Sandvik Mining and Construction Oy	2021286575	Delix Therapeutics, Inc.
2020467362	Mitsubishi Electric Corporation	2021286582	Bristol-Myers Squibb Company
2020468167	Huawei Digital Power Technologies Co., Ltd.	2021286635	Poppack LLC
2020478328	Sandvik Mining and Construction OY	2021286645	Medtronic, Inc.
2020482152	Zarate, Y.	2021286646	Whoop, Inc.
2021223865	StackAdapt Inc.	2021286662	MEI Pharma, Inc.
2021277382	Fort Robotics, Inc.	2021286757	Smart United Holding GmbH
2021277390	Aquatrols Corporation of America	2021286811	Nunhems B.V.
2021277700	iKamper Co., Ltd.	2021286883	Salvucci, E.
2021278292	Janssen Pharmaceutica NV	2021286888	Lohmann & Rauscher GmbH
2021278303	Myovant Sciences GmbH	2021286911	Etherna Immunotherapies NV
2021278434	Step Software Inc.	2021286957	APR Applied Pharma Research, S.A.
2021279305	Janssen Pharmaceutica NV	2021287069	Pandemic Advisory & Audit Pty Ltd
2021279431	TG Medwise Ltd.	2021287238	Medtronic, Inc.
2021280113	Nanjing Chia Tai Tianqing Pharmaceutical Co., Ltd.	2021287288	Argo GmbH
2021280288	Schofield Technologies, Inc.	2021287357	AIRFFECT GmbH
2021280338	The Toro Company	2021287363	Applimind Ltd.
2021280913	BYD Company Limited	2021287462	Relive Therapeutics Inc.
2021281123	Novartis AG	2021287704	Technoimaging, LLC; Japan Oil, Gas and Metals National Corporation
2021281134	Janssen Biotech, Inc.	2021287911	Delix Therapeutics, Inc.
2021281340	Western Green, LLC	2021287965	MBF Therapeutics, Inc.
2021281566	Johnson & Johnson Consumer Inc.	2021287968	Sherlock Biosciences, Inc.
2021281754	TCG Machines Inc.	2021287972	New York University
2021282122	SHENZHEN LINGFANG BIOTECH CO., LTD.	2021288000	OpenTV, Inc.
2021282188	Cygnal Therapeutics, Inc.; Blom, D.	2021288045	PharmaIN Corporation
2021282662	Quick Tube Medical, LLC; Smith, B.	2021288056	HUYABIO International, LLC
2021282718	Neuroceuticals Inc.; PAX Co., Ltd.; OTSUKA PHARMACEUTICAL FACTORY, INC.	2021288205	Monogram Orthopaedics Inc.
2021282739	Awake Market, Inc.		

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2021288326	E.B. Mobility Holdings LLC	2021293228	Revolution Medicines, Inc.
2021288567	Yale University	2021293238	NanoString Technologies, Inc.
2021288589	CareFusion 303, Inc.	2021293290	Kimberly-Clark Worldwide, Inc.
2021288592	Board of Regents, The University of Texas System; AR-CEDI Biotech ApS	2021293427	Ajinomoto Co., Inc.
2021288648	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Med-shine Discovery Inc.	2021293577	Regeneron Pharmaceuticals, Inc.
2021288699	Vera Therapeutics, Inc.; Novartis AG	2021293779	Becton, Dickinson and Company
2021288750	Ethicon, Inc.	2021293892	RevBio, Inc.
2021288751	Janssen Biotech, Inc.	2021293909	Dana-Farber Cancer Institute, Inc.
2021288809	Waji, LLC	2021294261	Bunge Loders Croklaan B.V.
2021288923	Universität Zürich; ETH Zürich	2021294336	Austin Star Detonator Company
2021288987	Janssen Pharmaceutica NV	2021294405	Charco Neurotech Ltd
2021289001	Argo GmbH	2021294427	Dusmit Ltd
2021289006	Cyxone AB	2021294434	Oncohost Ltd.
2021289056	King, T.	2021294579	UPL Limited
2021289162	Nicoventures Trading Limited	2021295369	RACLAC, S.A.
2021289354	OZX IP Pty Ltd	2021295455	PPG Europe B.V.
2021289356	The University of Queensland	2021295581	Improve
2021289367	Supercap Technologies Corp.	2021295802	Tanita Corporation
2021289443	The United States of America, as represented by The Secretary, Department of Health and Human Services	2021296039	BAE Systems plc
2021289533	Paradigm Flow Services Limited	2021296105	Nippon Shokubai Co., Ltd.
2021289535	IP2IPO Innovations Limited	2021296167	PsiQuantum, Corp.
2021289538	Neurocrine Biosciences, Inc.; Sanofi	2021296274	HI.Q, INC.
2021289581	Medtronic, Inc.	2021296338	China Petroleum & Chemical Corporation; Research Institute of Petroleum Processing, Sinopec
2021289599	Paragon 28, Inc.	2021296649	Rosetta Exosome Co., Ltd.
2021289614	Maple Glass Printing Pty Ltd	2021296672	CJ CheilJedang Corporation
2021289700	Tripod Design Co., Ltd.	2021296681	Holosmedic
2021289725	Escobar Serrano, C.E.	2021296736	GOJO Industries, Inc.
2021289726	ViaSat, Inc.	2021296828	GRI-Alleset, INC
2021290092	Elas Holdings Pty Ltd	2021296848	Vir Biotechnology, Inc.; Humabs BioMed SA
2021290158	Universidad De Murcia	2021296855	Pfizer Inc.
2021290173	Cyxone AB	2021296923	CareFusion 303, Inc.
2021290174	Cyxone AB	2021297070	Campagna, M.
2021290195	Partanen, A.; Partanen, A.	2021297108	Acea S.P.A; Suez International
2021290598	GRST International Limited	2021297151	Merck Sharp & Dohme Corp.; Eisai R&D Management Co., Ltd.
2021290657	Botaneco Inc.	2021297215	Crown Laboratories, Inc.
2021290702	GRST International Limited	2021297223	Eli Lilly and Company
2021290784	Parkitect s.r.o.	2021297242	Chameleon Biosciences, Inc.
2021290852	Primozone Production AB	2021297260	Sparktank Technologies Pty Ltd
2021290982	Yara International ASA	2021297274	Sunnybrook Research Institute
2021290997	MedImmune Limited	2021297425	USUI TECHNOS CO., LTD.
2021291270	Parkitect s.r.o.	2021297873	Merck Sharp & Dohme LLC
2021291285	Kimberly-Clark Worldwide, Inc.	2021297879	VirTech Bio, Inc.
2021291580	The Florey Institute of Neuroscience and Mental Health; Murdoch Children's Research Institute; Deakin University	2021297896	Insurance Services Office, Inc.
2021291623	EVG Entwicklungs- u. Verwertungs-Gesellschaft m.b.H.	2021298066	Koninklijke Philips N.V.
2021291951	Hunter Douglas Inc.	2021298111	Zelarion Malta Limited
2021291990	Guangdong Haozhi Technology Co. Limited; GRST International Limited	2021298145	ITF Research Pharma, S.L.U
2021292079	Kimberly-Clark Worldwide, Inc.	2021298186	Centro De Investigaciones Energéticas, Medioambientales y Tecnológicas, O.A., M.P.; Consorcio Centro de Investigación Biomédica en Red; Fundación Instituto de Investigación Sanitaria Fundación Jiménez Díaz; The Board of Trustees of the Leland Stanford Junior University
2021292185	Global Traffic Technologies, LLC	2021298211	Net Zero Projects Limited
2021292215	Marsupial Holdings, Inc.	2021298446	Toray Industries, Inc.
2021292254	GRST International Limited	2021298570	Xu, Z.; Xu, Y.
2021292308	Metabolic Technologies, LLC	2021298886	Statens Serum Institut
2021292383	Koninklijke Philips N.V.	2021298917	Scherrer, J.; Lang, D.
2021292420	Sorrento Therapeutics, Inc.	2021298929	UPL Corporation Limited; UPL Europe Ltd
2021292486	BioAtla, Inc.	2021298995	Biologic Design Ltd.
2021292490	Metabolic Technologies, LLC	2021299284	Lyondellbasell Advanced Polymers Inc.
2021292557	Cleerly, Inc.	2021299304	PureWick Corporation
2021292561	Chavan, N.	2021299309	Howard University
2021292572	Enphase Energy, Inc.	2021299413	DoorDash, Inc.
2021292668	KORTUC Inc	2021299459	Davol Inc.
2021292703	Kimberly-Clark Worldwide, Inc.	2021299551	The Coca-Cola Company
2021292755	Kimberly-Clark Worldwide, Inc.	2021299590	LG Electronics Inc.
2021293098	Enphase Energy, Inc.	2021299693	Rowe, D.
2021293112	President and Fellows of Harvard College	2021299863	Roquette Freres
2021293178	Lobe Sciences Ltd.	2021299972	Lactobio A/S
2021293197	Research Institute at Nationwide Children's Hospital; Sarepta Therapeutics Inc.	2021299975	Romanowski, A.

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2021300164	E2 IP Holding LLC	2021304692	Cotex Technologies INC.
2021300173	Schlumberger Technology B.V.	2021304763	Neusco Biotech Limited
2021300213	PsiQuantum, Corp.	2021304808	ATXA Therapeutics Limited
2021300228	Standard Bariatrics, Inc.	2021304907	Hernandez, F.; Hernandez, N.
2021300231	University of Maine System Board of Trustees	2021305052	Celgene Corporation
2021300260	Remix Therapeutics Inc.	2021305058	Praxis Precision Medicines, Inc.
2021300276	MyLand Company, LLC	2021305060	Flagship Pioneering Innovations V, Inc.
2021300277	Garwood Medical Devices, LLC	2021305067	Flagship Pioneering Innovations Vi, LLC
2021300289	Wayne Fueling Systems LLC	2021305068	Johnson Controls Tyco IP Holdings LLP
2021300363	4E THERAPEUTICS, INC.	2021305132	Sunshine Lake Pharma Co., Ltd.
2021300370	Duke University	2021305159	Omni Consumer Products, LLC
2021300430	The Board of Trustees of the Leland Stanford Junior University	2021305160	Omni Consumer Products, LLC
2021300483	Jiangsu Simcere Pharmaceutical Co., Ltd.	2021305164	Simpson Strong-Tie Company Inc.
2021300512	Stimvia s.r.o.	2021305174	Anteris Technologies Corporation
2021300612	BAE Systems PLC	2021305193	Purdue Research Foundation
2021300622	International Business Machines Corporation	2021305194	SGCC, Inc.
2021300772	Osseointegration International B.V.	2021305234	Precigen, Inc.
2021300780	Awak Technologies PTE LTD	2021305328	Rapid Micro Biosystems, Inc.
2021300824	Corning Research & Development Corporation	2021305330	Klotho Therapeutics, Inc.
2021300951	Access Vascular, Inc.	2021305396	LAVA Therapeutics N.V.
2021301131	The Toro Company	2021305561	Yuhan Corporation
2021301284	Tampere University Foundation sr	2021305611	Ecolab USA Inc.
2021301346	International Business Machines Corporation	2021305613	Archer Aviation, Inc.
2021301350	C.I.R.A. (Centro Italiano Ricerche Aerospaziali) - S.C.P.A.	2021305639	Ankh Life Sciences Limited
2021301379	Enphase Energy, Inc.	2021305686	Patton, B.
2021301804	FUJIFILM Corporation; National University Corporation Tokyo Medical and Dental University	2021305753	Huawei Technologies Co., Ltd.
2021301865	Neusco Biotech Limited	2021305814	Taskmaster Technologies, Inc.
2021301912	LG Electronics Inc.	2021305835	Commonwealth Scientific and Industrial Research Organisation
2021301927	Nona Biosciences Co., Ltd.	2021305950	KCI Licensing, Inc.
2021301953	Institute of Biophysics, Chinese Academy of Sciences	2021305973	G.b. Progetti S.r.l.
2021302126	Harbour Biomed (Shanghai) Co., Ltd	2021306030	Daikin Industries, Ltd.
2021302173	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jiangsu Yangnong Chemical Co., Ltd.	2021306144	LG Electronics Inc.
2021302193	Huawei Technologies Co., Ltd.	2021306147	Wavin B.V.
2021302335	Inventio AG	2021306151	Electrical Subsea & Drilling AS
2021302535	Janssen Vaccines & Prevention B.V.	2021306167	TURKIYE SISE VE CAM FABRIKALARI ANONIM SIRKETI
2021302665	Awak Technologies Pte Ltd	2021306197	Amsted Rail Company, Inc.
2021302678	University of South Australia	2021306254	Prodeon Medical Corporation
2021302770	Metso Outotec Finland Oy	2021306268	GLUP LLC
2021302892	International Business Machines Corporation	2021306272	Ritz, J.P.; Marcano, E.A.
2021302972	Biorchestra Co., Ltd.	2021306282	Weave Grid, Inc.
2021302977	Pike Therapeutics, Inc.	2021306283	Shifamed Holdings, LLC
2021303033	IMI Systems Ltd.	2021306311	FMC Technologies, Inc.
2021303292	Virtoreal Pty Ltd	2021306314	Aligos Therapeutics, Inc.
2021303412	Salk Institute for Biological Studies	2021306345	ClearFlame Engines, Inc.
2021303427	Portal Access, Inc.	2021306347	Beckman Coulter, Inc
2021303437	Ecosun Innovations	2021306349	MSI Defense Solutions, LLC
2021303469	Bambino Prezioso Switzerland AG	2021306370	UOP LLC
2021303484	Vio Chemicals AG	2021306489	General Electric Technology GmbH
2021303493	Exo Biologics SA	2021306640	Exo Biologics SA
2021303584	Bambino Prezioso Switzerland AG	2021306668	Betolar Oy
2021303585	Betolar Oy	2021306683	BAE Systems PLC
2021303586	Helsingin Yliopisto	2021306697	The Board of Regents of The University of Texas System
2021303602	Dendro Concept	2021306707	Ecolab USA Inc.
2021303615	Invibio Device Component Manufacturing Limited	2021306709	Flagship Pioneering Innovations Vi, LLC
2021303616	University College Cardiff Consultants Limited	2021306755	Hitgen Inc.
2021303635	Beijing Innocare Pharma Tech Co., Ltd.	2021306798	Linde GmbH
2021303726	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V.	2021306830	International Business Machines Corporation
2021303778	BASF SE	2021306949	LG Electronics Inc.
2021303821	Tervizio 3D Ltd.	2021306981	Lantech.com, LLC
2021304045	Hitgen Inc.	2021306989	Dow Global Technologies LLC
2021304052	Zhengzhou Sanhua Technology Industry Co Ltd	2021307068	OMICRON Electronics GmbH
2021304124	HAI Robotics Co., Ltd.	2021307126	New Motion Labs Ltd.
2021304480	Uriach Italy S.R.L.	2021307262	Hoya Corporation
2021304546	Fortescue Future Industries Pty Ltd	2021307409	President and Fellows of Harvard College
2021304551	Shaker, C.	2021307410	Verastem, Inc.
2021304666	Triastek, Inc.	2021307446	SYACT, LLP
2021304685	University of Sydney	2021307452	Cerebral Therapeutics, Inc.
		2021307470	Track Machines Connected Gesellschaft m.b.H.

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2021307502	Chengdu Hyperway Pharmaceuticals Co., Ltd.; Shenzhen Hyperway Pharmaceuticals Co., Ltd.	2021314568	Dyno Nobel Asia Pacific Pty Limited
2021307552	Navigo Proteins GmbH	2021314803	Bracco Imaging SpA
2021307687	Nexter Systems	2021314805	IFP Energies nouvelles; Repsol S.A.
2021307771	FTC Solar, Inc.	2021314954	Siemens Energy Global GmbH & Co. KG
2021307910	International Business Machines Corporation	2021314957	Georg-August-Universität Göttingen Stiftung Öffentlichen Rechts, Universitätsmedizin
2021307942	Climate LLC	2021315520	Seagen Inc.
2021308016	Wuxi Keyi New Material Co., Ltd.	2021315525	Chain Orthopedics, LLC
2021308078	Simurx, Inc.; Children's Hospital Los Angeles	2021315564	Protagonist Therapeutics, Inc.
2021308172	Signode Industrial Group LLC	2021315578	Adapt-IP Company
2021308209	Dermavant Sciences GmbH; Axtman, A.	2021315582	Boston Scientific Scimed, Inc.
2021308293	Engie	2021315608	Unigen, Inc.
2021308307	Novamont S.p.A.	2021315867	Ellement Inc.
2021308328	International Business Machines Corporation	2021315992	Ionis Pharmaceuticals, Inc.
2021308424	Institut Pasteur; Theravectys	2021316011	Amryt Pharmaceuticals Inc.
2021308436	Strygo BV	2021316062	Cohere Technologies, Inc.
2021308550	Tesmec S.p.A.	2021316086	Brain Games Corporation
2021308555	UPL Limited	2021316168	Berry Global, Inc.
2021308570	International Business Machines Corporation	2021316414	Carl Freudenberg KG
2021308625	Vanderbilt University	2021316898	Weir Minerals Netherlands B.V.
2021308675	PharmaIN Corporation	2021316972	International Business Machines Corporation
2021308710	UOP LLC	2021317263	Karnak Technologies, LLC
2021308725	Mckenzie, J.M.	2021317637	Copenhagen Atomics A/S
2021308882	Pflieger, F.	2021317754	International Business Machines Corporation
2021309002	Essilor International; Shamir Optical Industry Ltd	2021318483	Caterpillar Inc.
2021309103	Rheem Manufacturing Company	2021318793	Susavion Biosciences, Inc.
2021309123	House of Design LLC	2021318798	IFP Energies nouvelles; Repsol S.A.
2021309391	Soltec Innovations S.L.	2021318814	ABB Schweiz AG
2021309555	Single Buoy Moorings Inc.	2021319103	AnaptysBio, Inc.
2021309645	The Trustees of the University of Pennsylvania	2021319162	International Business Machines Corporation
2021309717	Guerbet	2021319909	Novozymes A/S
2021309723	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2021320155	Cornell University
2021309845	Alzheimer's Drug Discovery Foundation	2021320350	Santen Pharmaceutical Co., Ltd.; Boehringer Ingelheim International GmbH
2021309919	Maresca, V.	2021321201	Micro Motion, Inc.
2021309966	Cerebral Therapeutics, Inc.	2021321287	Wing Aviation LLC
2021309967	Cerebral Therapeutics, Inc.	2021321407	Reflexion Medical, Inc.
2021310040	National University of Singapore	2021321415	Cornell University
2021310189	Unigen Inc	2021321416	Cornell University
2021310264	SchaBar Research Associates LLC	2021322189	Boston Scientific Scimed, Inc.
2021310405	Duesenfeld GmbH	2021322290	Raytheon Company
2021310540	BENNAMANN SERVICES, LTD	2021322599	Tactical Therapeutics, Inc
2021310547	Newronika S.p.A.	2021322735	Karl Leibinger Medizintechnik GmbH & Co. KG
2021310689	JA & JB Boyle Pty Ltd	2021322785	International Business Machines Corporation
2021310696	Sanexen Environmental Services Inc.	2021322828	Total Trailer Manufacturers Pty Ltd
2021310923	KIWI HEALTH, INC	2021323330	Karl Leibinger Medizintechnik GmbH & Co. KG
2021311046	Rheinmetall Waffe Munition GmbH	2021324023	GEA Westfalia Separator Group GmbH
2021311084	BAE Systems PLC	2021324051	Idris Oncology B.V.
2021311123	UPL Corporation Limited; UPL Europe Ltd.	2021324130	miDiagnostics NV
2021311539	Daiichi Sankyo Company, Limited	2021324377	Huntsman International LLC
2021311598	Caterpillar Inc.	2021324947	Halliburton Energy Services, Inc.
2021311606	FluGen, Inc.	2021325237	Vivo Mobile Communication Co., Ltd.
2021311726	Boehringer Ingelheim Animal Health USA Inc.	2021325335	International Business Machines Corporation
2021312167	Universitat Politècnica De València; Consejo Superior de Investigaciones Científicas (CSIC)	2021325337	Casale SA
2021312206	International Business Machines Corporation	2021325375	miDiagnostics NV
2021312278	International Business Machines Corporation	2021325413	Alcon Inc.
2021312696	Enzo Biochem, Inc.; Rabbani, E.; Coleman, J.	2021325851	Halliburton Energy Services, Inc.
2021312733	International Business Machines Corporation	2021326274	Ceramic Data Solutions GmbH
2021312871	Allogene Therapeutics, Inc.	2021326456	Benjamin Moore & Co.
2021313130	Enanta Pharmaceuticals, Inc.	2021327071	Arxada AG
2021313132	Bettcher Industries, Inc.	2021327697	Epiroc Rock Drills Aktiebolag
2021313258	Andritz AG	2021330181	HB Innovations, Inc.
2021313417	BAE Systems PLC	2021330513	Alcon Inc.
2021313418	Tristel PLC	2021330524	Alcon Inc.
2021313827	BAE Systems PLC	2021331239	International Business Machines Corporation
2021313828	Tristel PLC	2021333269	Zebra Technologies Corporation
2021314120	Sleepy Tie, Inc.	2021334093	ANTUREC Pharmaceuticals GmbH
2021314154	FluGen, Inc.	2021334412	Sanexen Environmental Services Inc.
2021314201	International Business Machines Corporation	2021334826	Société des Produits Nestlé S.A.
2021314333	REG Synthetic Fuels, LLC	2021335168	Alcon Inc.
2021314387	Dreame Innovation Technology (Suzhou) Co., Ltd.	2021336397	Amgen Inc.
2021314523	Mega Plast Industrial - Exporting S.A.	2021336570	Johansson Swartling, F.

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2021338497 F. Hoffmann-La Roche AG
2021339001 Glassomer GmbH
2021339003 Ludwig-Maximilians-Universität München
2021339562 Amgen Inc.
2021341474 Epiroc Rock Drills Aktiebolag
2021343288 International Business Machines Corporation
2021344568 International Business Machines Corporation
2021345986 Kubota Corporation
2021349118 International Business Machines Corporation
2021349358 6K Inc.
2021352992 Zodiac Pool Systems LLC
2021355988 Kim, B.S.
2021359205 Zodiac Pool Care Europe
2021361780 Gree Electric Appliances, Inc. of Zhuhai
2021368612 Zodiac Pool Care Europe
2021370221 Philip Morris Products S.A.
2021373660 Gree Electric Appliances, Inc. of Zhuhai
2021375219 Fortune-Tech Manufacturing Co., Ltd.
2021380445 Guangdong Bright Dream Robotics Co., Ltd.
2021385838 Guangdong Bright Dream Robotics Co., Ltd.
2021386538 Kill-Frech, C.
2021386796 Inner Mongolia Yili Industrial Group Co., Ltd.; Inner
Mongolia Dairy Tech Res Institute Co Ltd
2021388545 Gree Electric Appliances, Inc. of Zhuhai
2021389718 Gree Electric Appliances, Inc. of Zhuhai
2021397921 Gree Electric Appliances, Inc. of Zhuhai
2021413483 Gree Electric Appliances, Inc. of Zhuhai
2021423388 JGC Corporation
2021440425 Wu, W.
2021450620 LG Electronics Inc.
2022214943 Illumina, Inc.
2022220634 Karl Leibinger Medizintechnik GmbH & Co. KG
2022224918 AptaBio Therapeutics Inc.
2022244454 Kashiv Biosciences, LLC
2022244505 Kashiv Biosciences, LLC
2022269308 LPKF Laser & Electronics AG
2022282086 Guangdong Bright Dream Robotics Co., Ltd.
2022283730 China University of Mining and Technology; Xuzhou
Liren Monorail Transportation Equipment Co., Ltd.

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2021307446	2021280113	2021321415	2021298111	2021292420	2021279431
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	2021281566	2021322599	2021301953	2021297879	
2021307446	2021282122	2021334093	2021302126	2021298145	2021303616
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	2021285850	2022224918	2021305067	2021302977	
2021307446	2021286086	<u>A61K 33 /-</u>	2021305396	2021304692	2021282662
	2021286165		2021308424	2021304808	2021296923
<u>A61D 7 /-</u>	2021286575	2020451007	2021311606	2021305052	2021303427
	2021286582	2021284682	2021311726	2021305060	2021307452
2021279431	2021286662	2021285756	2021314154	2021305561	2021309966
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	2021287462	2021293290	2021318793	2021317263	
2021286888	2021287911	<u>A61K 35 /-</u>	2021319103	2021320350	
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	2021288987	2021293197	2021284682	<u>A61L 2 /-</u>	<u>A61N 1 /-</u>
2021296828	2021289006	2021296649	2021286582		2021286645
<u>A61F 2 /-</u>	2021289443	2021297242	2021296649	2021286757	2021287238
	2021289535	2021297879	2021305639	2021294427	2021289581
2021289599	2021289538	2021298995	2021306697	2021300277	2021300277
2021300370	2021290173	2021301804	2021311539	2021313418	2021300430
2021305174	2021290174	2021303412	<u>A61K 47 /-</u>	2021313828	2021300512
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2021306283	2021292420	2021305060	2020450589		<u>A61N 5 /-</u>
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2022220634	2021292668	<u>A61K 36 /-</u>	2021284765	2021306272	<u>A61P 1 /-</u>
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	2021293112	2021292703	2021286911	<u>A61L 31 /-</u>	2021306314
2021296828	2021293178	2021293290	2021286957		2021307502
2021299304	2021293228	2021310189	2021289443	2021303615	2021308675
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2021325413	2021296681		2021298995	2021286757	2021304808
2021330513	2021297151	2020450589	2021302972	2021287069	2021307502
2021330524	2021298145	2021286911	2021303412	<u>A61M 1 /-</u>	<u>A61P 13 /-</u>
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	2021300363	2021297879	2021305639	2021286173	
2021288326	2021300483	2021298111	2021310040	2021300780	<u>A61P 15 /-</u>
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	2021303635	2021310040	2021298186		2021304808
2021288326	2021303635	2021315564	2021302972	2021299459	2021307502
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	2021305058	2020453086	2021303615		2021307502
2021294405	2021305193	2020453180	<u>A61K 8 /-</u>	202045840	2021319103
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	2021305561	2021282837	2021305611	2021293779	<u>A61P 19 /-</u>
2021288326	2021305639	2021284131	<u>A61K 9 /-</u>	2021300951	2021284541
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2021307409	2021307410	2021286911	2021297215	2021307452	2021309966
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	2021308625	2021287965	<u>A61K 8 /-</u>		
2021282718	2021310189	2021292486		<u>A61M 27 /-</u>	
<u>A61K 31 /-</u>	2021310264	2021292703	2021278303		
	2021311539	2021293290	2021281566		
2020451007	2021313130	2021293577	2021285850		
2020454040	2021315520		2021286911		
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2020453143	2021318793		2021284706		2021309123
2021279305	2021322599	<u>A61P 5 /-</u>	<u>B01D 53 /-</u>	<u>B03B 7 /-</u>	<u>B21F 23 /-</u>
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2021286957	<u>A61P 33 /-</u>	2021289538	2021294427		2021291623
2021287911				<u>B03D 1 /-</u>	
2021289443	2021289443	<u>A61P 7 /-</u>	<u>B01D 61 /-</u>	2021302770	<u>B21F 27 /-</u>
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2021293178	2021293290	2021297879	2021300231	<u>B04B 1 /-</u>	
2021297223	2021310040	2021300483			<u>B21F 29 /-</u>
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2021301865	<u>A61P 35 /-</u>	2021315564			2021291623
2021302972			2021300780	<u>B04B 11 /-</u>	
2021302977	2020453180	<u>A61P 9 /-</u>			<u>B22F 10 /-</u>
2021304763	2021278292		<u>B01D 69 /-</u>	2021324023	
2021307502	2021279305	2021279305			2021296039
2021308625	2021280113	2021288045	2021300231	<u>B04B 7 /-</u>	
2021309645	2021281123	2021288056			<u>B23K 10 /-</u>
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2021338497	2021284131	2021290997			2021349358
2022224918	2021284541	2021293112	2019476705	<u>B04B 9 /-</u>	
	2021284765	2021301284			<u>B23K 11 /-</u>
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	2021288987	2021304808			2021291623
2020454040	2021289443	2021306697	2020454079	<u>B05B 1 /-</u>	
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2020453086	2021300260			<u>B05B 12 /-</u>	<u>B23P 19 /-</u>
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2021284541	2021301927				2021309123
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2021304045	2021303635	<u>A62D 3 /-</u>	2021305835	<u>B05D 1 /-</u>	
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2021284131	2021308078	<u>A63B 23 /-</u>	2021305835	<u>B05D 5 /-</u>	
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2021298446	2021315520				2021286883
2021300483	2021334093	<u>A63B 69 /-</u>	2021305835	<u>B08B 13 /-</u>	<u>B25B 21 /-</u>
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		2021289725	<u>B01J 4 /-</u>	2021285022	2021281340
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					<u>B25J 11 /-</u>
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2021286165	2021286582	2021291270			2021385838
2021288567	2021289006		2021325337	<u>B08B 9 /-</u>	
2021288648	2021292703	<u>B01D 11 /-</u>			<u>B25J 18 /-</u>
2021289443	2021293290		<u>B01L 3 /-</u>	2021285022	
2021296848	2021297242	2021292755			2021385838
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<u>B29B 17 /-</u>	<u>B60D 1 /-</u>	<u>B61L 27 /-</u>	<u>B64D 7 /-</u>	<u>B65G 45 /-</u>	<u>C01G 13 /-</u>
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<u>B29C 48 /-</u>	<u>B60H 1 /-</u>	<u>B62D 12 /-</u>	<u>B64D 27 /-</u>	<u>B65G 47 /-</u>	<u>C01G 21 /-</u>
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<u>B29D 7 /-</u>	<u>B60L 50 /-</u>	<u>B62J 6 /-</u>	<u>B65B 31 /-</u>	<u>B66F 11 /-</u>	<u>C01G 39 /-</u>
2021314523	2021306282	2021309919	2021306268	2021286477 2021322828	2021290982
<u>B29L 11 /-</u>	<u>B60L 58 /-</u>	<u>B63B 27 /-</u>	<u>B65B 45 /-</u>	<u>B66F 17 /-</u>	<u>C01G 9 /-</u>
2021309002	2021286551 2021318483	2021309555	2021306981	2021283354	2021290982
<u>B29L 7 /-</u>	<u>B60L 53 /-</u>	<u>B63B 32 /-</u>	<u>B65B 49 /-</u>	<u>B66F 9 /-</u>	<u>C02F 1 /-</u>
2021314523	2021306282	2020482152	2021306981	2021283354 2021286477	2021290982 2021310689 2021310696
<u>B29L 11 /-</u>	<u>B60N 2 /-</u>	<u>B63B 39 /-</u>	<u>B65D 1 /-</u>	<u>B67D 3 /-</u>	<u>C02F 9 /-</u>
2021309002	2021286551 2021318483	2020482152	2021284299 2021308725	2021304907	2021290982 2021310689 2021310696
<u>B30B 9 /-</u>	<u>B60N 2 /-</u>	<u>B63B 73 /-</u>	<u>B65D 35 /-</u>	<u>B67D 7 /-</u>	<u>C03B 19 /-</u>
2021313258	2021303469 2021303584	2021306683	2021314523	2021300289	2021289614 2021339001
<u>B32B 27 /-</u>	<u>B60P 1 /-</u>	<u>B63G 8 /-</u>	<u>B65D 5 /-</u>	<u>B82Y 10 /-</u>	<u>C03B 20 /-</u>
2021316168	2021322828	2021306683	2021336397	2021296167	2021339001
<u>B32B 5 /-</u>	<u>B60P 3 /-</u>	<u>B63H 5 /-</u>	<u>B65D 51 /-</u>	<u>C01B 13 /-</u>	<u>C03C 1 /-</u>
2021303615	2021277700 2021322828	2021311084 2021313417 2021313827	2021307409	2021304546	2021306167
<u>B32B 7 /-</u>	<u>B60R 16 /-</u>	<u>B64B 1 /-</u>	<u>B65D 71 /-</u>	<u>C01B 21 /-</u>	
2021316168	2021318483	2021301350	2021334826	2021423388	

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<u>C05F 17 /-</u>	2021326456	2021306755 2021338497	<u>C07D 495 /-</u>	<u>C07K 16 /-</u>	<u>C08J 11 /-</u>
2021300276	<u>C07C 7 /-</u>		2021286086 2021300260	2020453086 2020453180 2020458769 2021281134 2021283192 2021284131 2021284765 2021288699 2021292486 2021293577 2021296649 2021296848 2021297223 2021297873 2021298111 2021298995 2021301927 2021305067 2021305234 2021305396 2021306709 2021307552 2021315520 2021319103	2021306370 2021308307 2021308710
<u>C05G 3 /-</u>	2021306798	<u>C07D 405 /-</u>	<u>C07D 498 /-</u>		<u>C08J 3 /-</u>
2021304692	<u>C07D 207 /-</u>	2021280113 2021286086 2021300483 2021304045 2021306755	2021286086 2021300260		2021304546
<u>C05G 5 /-</u>	2021313130		<u>C07D 513 /-</u>		<u>C08J 5 /-</u>
2021304692	<u>C07D 209 /-</u>	<u>C07D 409 /-</u>	2021286086 2021288987 2021289535 2021300260 2021304763		2021304546
<u>C06B 21 /-</u>	2021286575		<u>C07D 515 /-</u>		<u>C08K 5 /-</u>
2021314568	<u>C07D 213 /-</u>	2021286086 2021306755	2021278292		2021324377
<u>C06B 31 /-</u>	2021303484	<u>C07D 413 /-</u>	<u>C07D 519 /-</u>		<u>C09B 29 /-</u>
2021314568	<u>C07D 215 /-</u>	2020454040 2021280113 2021286165 2021300483 2021302173 2021304045 2021306755 2021338497	2021307502		2021312696
<u>C07C 1 /-</u>	2021288923		<u>C07F 9 /-</u>		<u>C09B 56 /-</u>
2021308293	<u>C07D 217 /-</u>		2021305330		2021312696
<u>C07C 11 /-</u>	2021308209	<u>C07D 417 /-</u>	<u>C07H 1 /-</u>		<u>C09B 61 /-</u>
2021306798	<u>C07D 235 /-</u>	2021280113 2021286086 2021286165 2021287462	2021305132		2021319909
<u>C07C 209 /-</u>	2021286575		<u>C07H 9 /-</u>		<u>C09C 1 /-</u>
2021289538	<u>C07D 237 /-</u>	2021280113 2021286086 2021286165 2021287462	<u>C07H 71 /-</u>		2021289367
<u>C07C 231 /-</u>	2021279305		<u>C07J 71 /-</u>		<u>C09D 133 /-</u>
2020450589	<u>C07D 239 /-</u>	<u>C07D 451 /-</u>	2021292755		2021326456
<u>C07C 235 /-</u>	2021302173	2021300260	<u>C07K 1 /-</u>		<u>C09J 133 /-</u>
2020450589	<u>C07D 243 /-</u>	<u>C07D 471 /-</u>	2021290657 2021307552 2022244505		2021292254
<u>C07C 323 /-</u>	2021320155		<u>C07K 14 /-</u>		<u>C09K 3 /-</u>
2021305330	<u>C07D 257 /-</u>	2021282122 2021286165 2021286575 2021287911 2021289535 2021296681 2021300260 2021300483 2021304763 2021305193 2021306314 2021307502	2020453180 2021282837 2021284477 2021289356 2021290158 2021290657 2021290997 2021297242 2021297274 2021298886 2021299972 2021305234 2021306640 2021306697 2021307552 2021308078 2021308424 2021310040 2021311606 2021312871 2021314154 2021315992 2021339003		<u>C09K 8 /-</u>
<u>C07C 39 /-</u>	2021314803	<u>C07D 487 /-</u>	<u>C07K 18 /-</u>		2021283465 2021299284
2021302977	<u>C07D 271 /-</u>		<u>C08F 120 /-</u>		<u>C10G 1 /-</u>
<u>C07C 45 /-</u>	2021306755		2021326456		2021314805 2021318798
2021327071	<u>C07D 311 /-</u>		<u>C08F 18 /-</u>		<u>C10G 11 /-</u>
<u>C07C 49 /-</u>	2021302977		2021286542		2021296338
2021327071	<u>C07D 401 /-</u>		<u>C08F 220 /-</u>		<u>C10G 3 /-</u>
<u>C07C 51 /-</u>	2021280113 2021282188 2021286086 2021289535 2021300483 2021303635 2021306755 2021321415 2021321416 2022224918	<u>C07D 487 /-</u>	2021292254 2021326456		2021314333
2021327071	<u>C07C 59 /-</u>	2021286575 2021287911 2021289006 2021289535 2021296681 2021297151 2021300260 2021301865 2021303635 2021304045 2021304763 2021307502 2021308625 2021338497	<u>C08G 18 /-</u>		<u>C10G 45 /-</u>
<u>C07C 65 /-</u>	2021327071		2021324377		2021314333
2021327071	<u>C07D 403 /-</u>		<u>C08G 63 /-</u>		<u>C10G 65 /-</u>
<u>C07C 67 /-</u>	2021279305 2021280113 2021286086 2021287462 2021303635 2021304045	<u>C07D 491 /-</u>	2020458771 2021286542 2021308307		2021314805 2021318798
2021286542 2021309717	<u>C07C 69 /-</u>	2021286086 2021286575	<u>C08G 65 /-</u>		<u>C10L 1 /-</u>
2021309717			2021324377		2021314333

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C10L 3 /-	2021310923 2021311606 2021315992	C23C 18 /-	E02D 5 /-	E06B 9 /-	F04B 49 /-
2021308293		2021285136	2019476705 2021281340	2021291951	2021305973
C11B 3 /-	C12N 5 /-	C25B 1 /-	E02F 1 /-	E21B 12 /-	F04B 53 /-
2021310923	2020453086 2020453143 2021297274	2021304546	2021309555	2021327697	2021305973
C11B 7 /-	2021301804 2021303493 2021306640 2021314957	C25B 13 /-	E02F 7 /-	E21B 21 /-	F04D 13 /-
2021294261		2021304546	2021309555	2021283465	2021301912 2021317637
C11D 1 /-	C12N 7 /-	C25C 1 /-	E02F 9 /-	E21B 33 /-	F04D 15 /-
2021305611	2021284250 2021303412 2021339003	2021283465	2021318483 2021341474	2021300173 2021306151 2021324947 2021325851	2021301912
C11D 11 /-	C12N 9 /-	D03D 15 /-	E03B 7 /-	E21B 34 /-	F04D 29 /-
2021305611	2020458769 2021289356 2021303484 2021310923 2022244454	2021334412	2021297108	2021306151 2021324947	2021317637
C11D 17 /-	D03D 3 /-	D04H 3 /-	E03C 1 /-	E21B 41 /-	F04D 7 /-
2021304692		2021334412	2021308882	2021306311	2021317637
C11D 3 /-	D06F 58 /-	D06F 58 /-	E03F 5 /-	E21B 43 /-	F15D 1 /-
2021305611	2021303484	2021450620	2021306147	2021283465 2021300173	2021311084 2021313417 2021313827
C12G 1 /-	D06F 73 /-	D06F 73 /-	E04B 1 /-	E21B 7 /-	F16B 23 /-
2020458911	2021303484	2021292383	2021298211 2021305164	2021299975	2021286883
C12G 3 /-	D06F 87 /-	D06F 87 /-	E04B 2 /-	E21C 50 /-	F16B 35 /-
2021299551	2021303484	2021298066	2021280288	2021309555	2021286883
C12M 1 /-	E01B 7 /-	E01B 7 /-	E04B 5 /-	F01K 25 /-	F16B 39 /-
2021300276 2021305328 2021307409 2021310540 2021310689 2022269308	2021310923	2020451729	2021298211	2020452711	2021286883
C12M 3 /-	E01B 9 /-	E01B 9 /-	E04C 2 /-	F01K 27 /-	F16B 41 /-
2021305328	2020451827 2021286811 2021287968 2021293238 2021294434 2021299972 2021300622	2020451729	2021280288	2020452711	2021286883
C12N 1 /-	E01C 13 /-	E01C 13 /-	E04C 3 /-	F01K 7 /-	F16C 32 /-
2021299972	2021303586 2021305328 2021309723 2021312696 2021336570	2021303602	2021298211	2020452711	2021317637
C12N 15 /-	E01C 19 /-	E01C 19 /-	E04F 21 /-	F02D 13 /-	F16G 13 /-
2020451827 2020453086 2020453143 2020458769 2021282837 2021284250 2021288648 2021289356 2021290158 2021293909 2021297242 2021298186 2021301927 2021301953 2021303412 2021306697 2021308424 2021309645 2021309723	2022282086	2022282086	2021380445	2021306345	2021307126
	E01C 21 /-	E01C 21 /-	E04H 12 /-	F02D 41 /-	F16H 55 /-
	2021299972 2021304480	2021303585 2021306668	2020456844	2021306345	2021307126
	E01C 3 /-	E01C 3 /-	E04H 15 /-	F03G 7 /-	F16H 7 /-
	2021283465	2021306668	2021277700	2021297425	2021307126
	E02B 15 /-	E02B 15 /-	E04H 4 /-	F04B 13 /-	F16K 11 /-
	2021283465	2021283465	2021359205 2021368612	2021305973	2021280913
	E02B 19 /-	E02D 17 /-	E05B 47 /-	F04B 17 /-	F16K 31 /-
	2021283465	2021281340	2021284262	2021305973	2021280913 2021306151
	E02B 26 /-	E02D 37 /-	E05B 49 /-	F04B 23 /-	F16L 11 /-
	2021285136	2019476705	2021284262	2021305973	2021334412
	E02B 26 /-				
	2021290982				

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<u>F16L 27 /-</u>	<u>F25J 3 /-</u>	<u>F42D 1 /-</u>	<u>G01P 5 /-</u>	<u>G02B 7 /-</u>	<u>G06F 3 /-</u>
2021306147	2021306798	2021294336	2021312206	2021333269	2021288589
<u>F16L 55 /-</u>	<u>F26B 21 /-</u>	<u>G01C 11 /-</u>	<u>G01R 15 /-</u>	<u>G02C 7 /-</u>	2021294405
2021311084	2021287357	2021307942	2021307068	2021307262	2021301912
2021313417	<u>F26B 3 /-</u>	<u>G01F 1 /-</u>	2021314954	<u>G03B 3 /-</u>	2021303292
2021313827	2021283458	2021321201	<u>G01R 22 /-</u>	2021333269	2021305160
<u>F17C 13 /-</u>	<u>F28D 21 /-</u>	<u>G01F 15 /-</u>	2021292572	<u>G05B 19 /-</u>	2021355988
2021287288	2021285022	2021297108	<u>G01R 27 /-</u>	2021280338	<u>G06F 40 /-</u>
2021289001	<u>F28G 13 /-</u>	<u>G01F 23 /-</u>	2021388545	2021296039	2021285889
<u>F17D 1 /-</u>	2021285022	2021289700	<u>G01R 29 /-</u>	2021341474	<u>G06F 9 /-</u>
2021283666	<u>F28G 15 /-</u>	2021300289	2020457511	<u>G05D 1 /-</u>	2020456098
<u>F21V 7 /-</u>	2021285022	<u>G01F 25 /-</u>	<u>G01R 31 /-</u>	2021286477	2021283377
2021286757	<u>F28G 9 /-</u>	2021307771	2021292572	2021299413	2021308570
<u>F23G 5 /-</u>	2021285022	<u>G01J 1 /-</u>	2021299309	2021299590	2021317754
2021306370	<u>F41A 23 /-</u>	2021307771	2021307068	2021301131	<u>G06K 19 /-</u>
<u>F24C 11 /-</u>	2021306349	<u>G01N 1 /-</u>	2021388545	2021314387	2020459982
2021294336	<u>F41A 27 /-</u>	2021307409	<u>G01S 11 /-</u>	2021341474	<u>G06D 3 /-</u>
<u>F24C 15 /-</u>	2021306349	<u>G01N 15 /-</u>	2021315578	<u>G05D 3 /-</u>	2021309391
2020461587	<u>F41A 33 /-</u>	2021306347	<u>G01S 13 /-</u>	2021297108	<u>G05D 7 /-</u>
2020462732	2021322290	<u>G01N 17 /-</u>	2020458981	<u>G06F 1 /-</u>	<u>G06N 10 /-</u>
<u>F24F 1 /-</u>	<u>F41F 3 /-</u>	2021300612	<u>G01S 17 /-</u>	2020462910	2021296167
2021309103	2021306349	2020452517	2021299413	2021317754	2021331239
<u>F24F 11 /-</u>	<u>F41G 1 /-</u>	2020457511	2021303821	<u>G06F 11 /-</u>	2021343288
2021298917	2021292215	2021287972	2021311046	2021297108	2021344568
2021305068	<u>F41G 3 /-</u>	2021312206	<u>G01S 3 /-</u>	<u>G06F 12 /-</u>	2021349118
2021361780	2021322290	<u>G01N 21 /-</u>	2021307771	2021301912	<u>G06N 20 /-</u>
<u>F24F 13 /-</u>	<u>F41H 11 /-</u>	2020452517	<u>G01S 5 /-</u>	2021319162	2021223865
2021298917	2021303033	2020453143	2020467362	<u>G06F 12 /-</u>	2021296039
<u>F24F 140 /-</u>	<u>F41H 13 /-</u>	2021283192	2021315578	2021325335	2021297260
2021305068	2021303033	2021287972	<u>G01S 7 /-</u>	<u>G06F 13 /-</u>	2021285472
<u>F24F 3 /-</u>	2021311046	2021288592	2021311046	2021325335	2021292572
2021287069	<u>F41H 5 /-</u>	2021288751	<u>G01V 11 /-</u>	<u>G06F 16 /-</u>	2021305160
2021298917	2021306349	2021294434	2021312733	2020456098	2021306030
<u>F24F 5 /-</u>	<u>F41H 7 /-</u>	2021301284	<u>G01V 3 /-</u>	2021223865	<u>G06Q 20 /-</u>
2021309103	2021307687	2021302665	2021287704	2021282739	2020455754
<u>F24H 4 /-</u>	<u>F42B 39 /-</u>	2021303586	<u>G02B 27 /-</u>	2021288000	2021305160
2021309103	2021306349	2021306347	2021288589	2021297896	2021305160
<u>F24S 30 /-</u>	<u>F42C 13 /-</u>	2021324051	2021292215	2021316972	<u>G06Q 30 /-</u>
2021309391	2020451594	2021336570	2021303292	2021322785	2020455754
<u>F24S 50 /-</u>		2022244454	<u>G02B 6 /-</u>	<u>G06F 18 /-</u>	2021282739
2021309391		2022244505	2021300213	2021283679	2021304551
<u>F24S 50 /-</u>		<u>G01N 35 /-</u>	2021300824	2022214943	2021305159
2021309391		2021287972		<u>G06F 21 /-</u>	2021305160
		2021312206		2021285889	2021305194
				2021302892	2021305814
				2021308328	<u>G06Q 40 /-</u>
					2021296274

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<u>G06Q 50 /-</u>		<u>G16H 20 /-</u>		2021318483	<u>H04B 7 /-</u>
2020455754	<u>G09B 19 /-</u>	2021288589	<u>H01M 14 /-</u>	<u>H02J 9 /-</u>	2021289726
2021288589	2020463301	2021294405	2021289700	2021300164	<u>H04L 1 /-</u>
2021305068	<u>G09B 21 /-</u>	2021316086	<u>H01M 4 /-</u>	<u>H02K 3 /-</u>	2021305753
<u>G06T 11 /-</u>	2020463301	<u>G16H 30 /-</u>	2020453243	2021317637	<u>H04L 12 /-</u>
2021296167	<u>G09B 5 /-</u>	2021292557	2020453922	<u>H02K 7 /-</u>	2021277382
2021301912	2020463301	<u>G16H 40 /-</u>	2021285118	2021317637	2021278434
<u>G06T 17 /-</u>	2020463301	2021285472	2021289367	<u>H02M 1 /-</u>	<u>H04L 41 /-</u>
2021297896	<u>G09B 7 /-</u>	2021286645	2021291990	2021283458	2021283377
<u>G06T 19 /-</u>	2021297260	2021288589	2021292254	2021397921	<u>H04L 5 /-</u>
2021288589	<u>G09B 9 /-</u>	<u>G16H 50 /-</u>	<u>H01M 50 /-</u>	2020468167	2021284686
<u>G06T 5 /-</u>	2021322290	2021286646	2021310405	2021397921	<u>H04L 51 /-</u>
2021322189	<u>G09F 3 /-</u>	2021292079	<u>H01M 6 /-</u>	<u>H02M 3 /-</u>	2021278434
<u>G06T 7 /-</u>	2021305160	2021296274	2020453945	2021397921	<u>H04L 65 /-</u>
2021281754	<u>G09G 3 /-</u>	2021316086	<u>H01Q 1 /-</u>	<u>H02M 5 /-</u>	2021305068
2021292557	2021283948	<u>G16H 70 /-</u>	2020456844	2021283458	<u>H04L 9 /-</u>
2021304685	<u>G10D 1 /-</u>	2021285472	2021284706	<u>H02N 2 /-</u>	2021278434
<u>G06V 10 /-</u>	2021282835	<u>G16H 80 /-</u>	<u>H01R 25 /-</u>	2021440425	2021282739
2021281754	<u>G10D 3 /-</u>	2021292079	2021300164	<u>H02S 10 /-</u>	2021285889
2021283679	2021282835	<u>G16Y 40 /-</u>	<u>H02H 1 /-</u>	2021303437	2021290092
2022214943	<u>G10D 99 /-</u>	2021299590	2021318814	<u>H02S 20 /-</u>	2021298570
<u>G06V 20 /-</u>	2021282835	<u>G21D 1 /-</u>	<u>H02H 3 /-</u>	2021307771	2021306830
2021283679	<u>G10D 99 /-</u>	2021317637	2021318814	2021309391	<u>H04M 1 /-</u>
2021301131	2021282835	<u>H01F 30 /-</u>	2021397921	<u>H02S 30 /-</u>	2021299590
2021307942	<u>G10L 19 /-</u>	2021306489	<u>H02H 7 /-</u>	2021303437	<u>H04N 21 /-</u>
2021313418	2021303726	<u>H01L 23 /-</u>	2021318814	<u>H02S 50 /-</u>	2021283377
2021313828	<u>G11B 7 /-</u>	2021301346	2021373660	2020457511	<u>H04Q 11 /-</u>
<u>G06V 40 /-</u>	2021326274	<u>H01L 25 /-</u>	2021373660	2021388545	2021300213
2021283679	<u>G16B 15 /-</u>	2021283948	<u>H02J 1 /-</u>	<u>H03F 3 /-</u>	<u>H04Q 9 /-</u>
<u>G07C 9 /-</u>	2021303778	2021301346	2020455649	2021283458	2021355988
2021283679	<u>G16B 40 /-</u>	<u>H01L 27 /-</u>	2021305613	<u>H03K 17 /-</u>	<u>H04W 16 /-</u>
<u>G07D 7 /-</u>	2021303778	2021283948	<u>H02J 13 /-</u>	2021331239	2021316062
2021281754	<u>G16C 10 /-</u>	2021303821	2021293098	<u>H03K 19 /-</u>	<u>H04W 4 /-</u>
<u>G08B 21 /-</u>	2021307910	<u>H01L 31 /-</u>	<u>H02J 3 /-</u>	2021331239	2020454135
2021285472	<u>G16C 20 /-</u>	2020453832	2021293098	<u>H03K 3 /-</u>	2021282739
<u>G08C 17 /-</u>	2021307910	2021303437	2021300164	2021331239	2021292185
2020451594	<u>G16C 60 /-</u>	<u>H01L 33 /-</u>	2021301379	<u>H04B 1 /-</u>	2021315578
<u>G08G 1 /-</u>	2021339562	2021283948	2021306282	2021284706	2021325237
2021292185	<u>G16H 10 /-</u>	<u>H01M 10 /-</u>	2021306489	<u>H04B 10 /-</u>	<u>H04W 72 /-</u>
<u>G08G 5 /-</u>	2021292079	2020453945	2021361780	2021344568	2021284686
2020457240	2021292557	2021285118	2021389718		2021302193
2021321287	2021294405	2021289367	2021413483		2021325237
<u>G09B 1 /-</u>	2021302665	2021290195	<u>H02J 7 /-</u>		
2020463301		2021290598	2020455649		
		2021290702	2021305613		
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			2021310405		

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A21D 13/20 (2017.01)
A21D 13/60 (2017.01)
A23D 9/00 (2006.01)
A23G 3/34 (2006.01)
A23L 5/00 (2016.01)
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A61K 31/706 (2006.01)
A61P 19/02 (2006.01)
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C08G 18/10 (2006.01)
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C08G 18/48 (2006.01)
C08G 18/50 (2006.01)
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B60W 60/00 (2020.01)

G01S 17/931 (2020.01)

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A61P 21/00 (2006.01)

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G03B 11/00 (2021.01)

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B65D 88/06 (2006.01)
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E03B 3/02 (2006.01)
E04B 1/343 (2006.01)
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E04H 4/04 (2006.01)
E04H 7/04 (2006.01)
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G06V 10/75 (2022.01)
G06N 3/08 (2023.01)
G06T 7/246 (2017.01)
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 (21) 2021273527 (22) 22.11.2021
 (54) THERMALLY INSULATED HOUSING FOR A HEAT-PRODUCING, HEAT-RADIATING DEVICE
 (51) Int. Cl.
H01M 8/04701 (2016.01)
H01M 8/04007 (2016.01)
H01M 8/04029 (2016.01)
H01M 8/22 (2006.01)
H01M 8/2455 (2016.01)
H01M 8/2457 (2016.01)
H01M 8/2475 (2016.01)
H01M 8/249 (2016.01)
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 (44) 09.02.2023
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 (74) DAVIS IP PTY LTD
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- (71) Waymo LLC
 (11) AU-B-2021282441
 (21) 2021282441 (22) 08.12.2021
 (54) HIGH-SPEED IMAGE READOUT AND PROCESSING
 (51) Int. Cl.
H04N 5/77 (2006.01)
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 HERMALYN, Brendan
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 (54) Selective Predator Incapacitation
 Device & Methods

(51) Int. Cl.
A01M 23/20 (2006.01)
A01M 25/00 (2006.01)
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G06V 40/10 (2022.01)

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 (11) AU-B-2021204705
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 baby carriage having the same
 (51) Int. Cl.
B62B 9/08 (2006.01)
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 (72) GUO, Zhengwen; ZHU, Wanquan
 (74) Allens Patent & Trade Mark Attorneys

(71) Worthwhile Products
 (11) AU-B-2022291446
 (21) 2022291446 (22) 20.12.2022
 (54) INVENTORY CONTROL SYSTEM
 WITH INTEGRATED ID TAGS
 (51) Int. Cl.
H04W 84/18 (2009.01)
G06K 19/00 (2006.01)
G06Q 10/0833 (2023.01)
G06Q 50/28 (2012.01)
G08B 13/24 (2006.01)
H04L 67/1087 (2022.01)
H04W 4/80 (2018.01)
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 plant-protection product, correspond-
 ing treatment assembly and storage as-
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B65D 81/28 (2006.01)
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 and hollow glass
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C03C 27/06 (2006.01)
 (87) WO2020/241450
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 (11) AU-B-2021201229
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 (54) WATER DISCHARGE DEVICE
 (51) Int. Cl.
F16K 31/60 (2006.01)
E03C 1/04 (2006.01)
E03C 1/044 (2006.01)
F16K 3/08 (2006.01)
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 Co.,Ltd.
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 carboxylic acid, preparation method for
 silicon ion complex, and product using
 the same
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A23L 33/165 (2016.01)
A23L 33/10 (2016.01)
A61K 33/00 (2006.01)
A61K 47/12 (2006.01)
A61P 3/02 (2006.01)
C02F 1/68 (2006.01)
C05D 9/00 (2006.01)
C05F 11/00 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/16 (2006.01)
A61K 31/167 (2006.01)
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 Sardina, Marco; Castegini, Franco
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 (54) SOLAR CELL, METHOD FOR MAN-
 UFACTURING SOLAR CELL, AND
 PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/0216 (2014.01)
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 ZHANG, Xinyu; JIN, Hao
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(71) Zhejiang Zhuji United Chemicals Co.,
 Ltd.
 (11) AU-B-2019446196
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 (54) High-purity thermostable crystal form
 of substituted 3-isoxazolidinone com-
 pound, preparation method therefor,
 and application thereof
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C07D 261/04 (2006.01)
A01N 43/80 (2006.01)
A01P 7/04 (2006.01)
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 SHENG, Qiuju; ZHANG, Hongwei; XU,
 Xianbo; ZHANG, Yonglin; XU, Xiaoyan;
 MU, Haiping; ZHANG, Zhuoya
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(71) ZTE Corporation
 (11) AU-B-2019345821
 (21) 2019345821 (22) 29.09.2019
 (54) Information determination method and
 signal receiving method and apparatus
 (51) Int. Cl.
H04L 5/00 (2006.01)
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 (31) 201811143346.1 (32) 28.09.18 (33) CN
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Bo; LI, Yu Ngok; JIANG, Chuangxin;
HE, Zhen; XIAO, Huahua; YAN, Wenjun

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2016324316	Arch Oncology, Inc.	2017382316	Quantum-Si Incorporated
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2016349504	Fate Therapeutics, Inc.	2017406364	ista International GmbH
2016357456	Global Bioenergies; Scientist of Fortune S.A.	2017411874	Hoeller Electrolyzer GmbH
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2017202731	Rheem Australia Pty Limited	2018201263	Intersurgical AG
2017202782	MITEK HOLDINGS, INC.	2018209202	Regeneron Pharmaceuticals, Inc.
2017203647	Electrolux Appliances Aktiebolag	2018209950	Toppan Printing Co., Ltd.
2017231506	Toray Industries, Inc.	2018210803	Etex Services NV; Eternit NV
2017232103	Skyfold Inc.	2018211462	BiomCo
2017244045	Inventys Thermal Technologies Inc.	2018215277	Gripple Limited
2017246883	Phosplatin Therapeutics Inc.	2018215376	Dow Global Technologies LLC; Dow Italia Divisione Commerciale S.r.l.
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2017247538	Société des Produits Nestlé S.A.	2018228454	Construction Research & Technology GmbH
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2017252126	Viking Therapeutics, Inc.; Metabasis Therapeutics, Inc.	2018242157	Kimberly-Clark Worldwide, Inc.
2017254645	The United States of America, as represented by the Secretary, Department of Health and Human Services; British Columbia Cancer Agency Branch; Julius-Maximilians-University of Würzburg; Oregon Health and Science University; Hospital Clinic de Barcelona; Universitat de Barcelona; Oslo University Hospital HF; Board of Regents of the University of Nebraska; The Cleveland Clinic Foundation; Mayo Foundation for Medical Education and Research	2018244437	ECS-Progastrin SA
2017256254	Buinco Innovation Oü	2018246368	Second Genome, Inc.
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2017261283	Children's Hospital & Research Center at Oakland	2018261179	Bedford Industries, Inc.
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2017261723	University of Southern California	2018280156	BASF SE
2017263454	Amgen Inc.	2018283221	Monash University
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2017288553	UK3M Green Rodenticide GmbH	2018410987	Huawei Technologies Co., Ltd.
2017297402	Matinas BioPharma Nanotechnologies, Inc.	2018415602	The Boeing Company
2017300579	VIB vzw; Katholieke Universiteit Leuven, K.U.Leuven R&D	2018421732	NTT DOCOMO, INC.
2017304739	Veolia Environnement-VE	2018423026	Honda Motor Co., Ltd.
2017320332	Commonwealth Scientific and Industrial Research Organisation	2018437976	Maytronics Ltd
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2017330401	Joy Global Underground Mining LLC	2019206552	TMEM16A LIMITED
2017331447	The Coca-Cola Company	2019213211	PolarityTE, Inc.
2017333598	Sewell Power Transfer Pty Ltd	2019240603	Nautilus Biotechnology, Inc.
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2017350134	Akribes Biomedical GmbH	2019276382	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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2017353871	Illumina, Inc.	2019314075	LG Electronics Inc.
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2017363356	DFINE, Inc.	2019327343	Chevron U.S.A. Inc.
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2017367452	POJI Co., Ltd.	2019345821	ZTE Corporation
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2019420325	Rheinmetall Waffe Munition GmbH	2021255147	Eye3concepts Inc.
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2019446196	Zhejiang Zhuji United Chemicals Co., Ltd.	2021273527	WATT FUEL CELL CORP.
2019452130	Fujian Sanan Sino-Science Photobiotech Co., Ltd.	2021273603	Ventana Medical Systems, Inc.
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2019457803	Mitsubishi Electric Corporation	2021295396	Koninklijke Philips N.V.
2019481138	Metso Outotec Finland Oy	2021302513	Sphinx Electronics GmbH & Co Kg
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2020203434	Cedars-Sinai Medical Center	2022205154	S&R Project LLC
2020212919	Komatsu Ltd.	2022228104	Storyteller Overland, LLC
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2020221556	PPG Industries Ohio, Inc.	2022283667	Knorr-Bremse Australia Pty Ltd
2020237496	Milwaukee Electric Tool Corporation	2022291446	Worthwhile Products
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2021201229	Year Tsai Enterprise Co., Ltd.		
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2020237496	2018315050	2020260932	<u>C07D 235 /-</u>	2018332263	2018215277
<u>B29B 7 /-</u>	<u>B60W 60 /-</u>	<u>C02F 3 /-</u>	2019386792	<u>C07D 489 /-</u>	<u>C12H 1 /-</u>
2019481138	2019380955	2017267212	<u>C07D 261 /-</u>	2019266795	2018215277
<u>B29C 64 /-</u>	<u>B62B 9 /-</u>	<u>C03B 1 /-</u>	2019446196	<u>C07F 15 /-</u>	<u>C12M 1 /-</u>
2017281110	2021204705	2019456539	<u>C07D 263 /-</u>	2017246883	2021255147
<u>B29C 67 /-</u>	<u>B62D 33 /-</u>	<u>C03B 11 /-</u>	2019386792	<u>C07H 1 /-</u>	<u>C12N 1 /-</u>
2017281110	2017285712	2020283712	<u>C07D 269 /-</u>	2017261283	2017231506
<u>B33Y 10 /-</u>	<u>B63B 1 /-</u>	<u>C03B 23 /-</u>	2019386792	<u>C07H 21 /-</u>	<u>C12N 15 /-</u>
2017270686	2017256254	2020283712	<u>C07D 271 /-</u>	2017261283	2016349504
2017281110	<u>B63B 22 /-</u>	<u>C03B 5 /-</u>	2021203482	<u>C07K 1 /-</u>	2016357456
<u>B33Y 30 /-</u>	2019386380	2019456539	<u>C07D 277 /-</u>	2020202240	2017263454
2017270686	<u>B63B 25 /-</u>	<u>C03C 1 /-</u>	2019386792	<u>C07K 14 /-</u>	2019247841
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<u>B33Y 50 /-</u>	<u>B63B 35 /-</u>	<u>C03C 27 /-</u>	2019386792	2019276382	2021204727
2017270686	2017256254	2020283712	<u>C07D 283 /-</u>	2021203044	<u>C12N 5 /-</u>
2017281110	<u>B63C 1 /-</u>	<u>C04B 28 /-</u>	2019386792	2021204727	2016349504
<u>B33Y 70 /-</u>	2017256254	2018211462	<u>C07D 305 /-</u>	<u>C07K 16 /-</u>	2016362876
2017281110	2017256254	2018232547	2021203482	2016324316	2016380262
2020221556	<u>B63C 7 /-</u>	<u>C04B 38 /-</u>	<u>C07D 309 /-</u>	2016334041	2019240603
<u>B33Y 80 /-</u>	2019386380	2018232547	2019213211	2018242157	2021204727
2020221556	<u>B65D 75 /-</u>	<u>C05D 9 /-</u>	<u>C07D 331 /-</u>	2018246368	<u>C12N 9 /-</u>
<u>B42D 25 /-</u>	2019391411	2021203482	2021203482	2019405442	2016357456
2018210803	<u>B65D 81 /-</u>	2020260932	<u>C07D 401 /-</u>	2021273603	<u>C12P 1 /-</u>
<u>B60J 1 /-</u>	2018238394	2020260932	2019213211	<u>C07K 7 /-</u>	2017231506
2020421496	<u>B65D 83 /-</u>	<u>C05F 11 /-</u>	2021203482	<u>C08F 128 /-</u>	<u>C12P 13 /-</u>
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2017285712	<u>B65D 88 /-</u>	<u>C07C 1 /-</u>	2018241748	<u>C08G 101 /-</u>	<u>C12P 5 /-</u>
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<u>B60R 1 /-</u>	2019373295	2021203482	<u>C07D 413 /-</u>	<u>C08L 23 /-</u>	2017254645
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2022205154	2019213211	2018241748	2019213211	<u>C09D 183 /-</u>	2019247841
		2019213211		2017272213	2019276382
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<u>C21D 8 /-</u>		<u>F02B 45 /-</u>	<u>F16L 19 /-</u>	<u>F25D 16 /-</u>	<u>G03B 17 /-</u>
2017334029	<u>E04B 7 /-</u>	2017320332	2016427019	2017286576	2022205154
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2020244338	<u>E04B 9 /-</u>	2017320332	2016427019	2017286576	2019380955
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2020244338	<u>E04C 2 /-</u>	2017320332	2017357634	2020327920	2021220966
<u>C22B 34 /-</u>	2021237982	<u>F02M 37 /-</u>	<u>F16L 33 /-</u>	<u>F41A 25 /-</u>	<u>G06F 1 /-</u>
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2020342253	<u>E04D 13 /-</u>	2017320332	2016427019	2020212919	2018315050
<u>C25B 15 /-</u>	2022243917	<u>F02M 61 /-</u>	<u>F21S 8 /-</u>	<u>G01C 9 /-</u>	<u>G06F 18 /-</u>
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	2020421496	<u>F02M 67 /-</u>	<u>F21V 17 /-</u>	<u>G01N 21 /-</u>	<u>G06F 21 /-</u>
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2017363581	<u>H02J 15 /-</u>	2022291446
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2021201735	2019201181	<u>H04W 72 /-</u>
<u>G06T 7 /-</u>	<u>H02K 1 /-</u>	2017427013
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2021240205	2019455656	2018308491
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2020397870	2020298230	2021266272
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		2022291446
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) K S Paterson Nominees Pty Ltd
 (11) AU-B-2022100171
 (21) 2022100171 (22) 14.11.2022
 (54) Agricultural Tilling Assembly and Components
 (51) Int. Cl.
 A01B 21/08 (2006.01)
 A01B 7/00 (2006.01)
 A01B 23/06 (2006.01)
 (45) 09.02.2023
 (62) 2018321582
 (72) PATERSON, Kentyn
 (74) Argon IP Advisory Pty Ltd

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 (51) Int. Cl.
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 A01B 7/00 (2006.01)
 A01B 23/06 (2006.01)
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 (72) PATERSON, Kentyn
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 (51) Int. Cl.
 A01B 21/08 (2006.01)
 A01B 7/00 (2006.01)
 A01B 23/06 (2006.01)
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 (62) 2018321582
 (72) PATERSON, Kentyn
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(71) Magnum Filters Limited
 (11) AU-B-2021101403
 (21) 2021101403 (22) 18.03.2021
 (54) A FILTER SYSTEM FOR A POOL
 (51) Int. Cl.
 B01D 29/54 (2006.01)
 B01D 27/08 (2006.01)
 B01D 29/05 (2006.01)
 B01D 29/21 (2006.01)
 B01D 29/96 (2006.01)
 E04H 4/12 (2006.01)
 (45) 09.02.2023
 (72) Hogg, Peter
 (74) James & Wells Intellectual Property

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A01B 7 /-

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B01D 27 /-

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B01D 29 /-

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Applications Withdrawn

2020203068 **AGQ Technological Corporate S.A. (SGS Société Générale de Surveillance S.A.)**

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2015330851	2015344980	2016231486	2016285552
2016292755	2016305353	2016319131	2016337175
2016337598	2016377398	2016381487	2016383050
2016427468	2017203582	2017204685	2017206750
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2017219960	2017221517	2017223229	2017225506
2017232183	2017234378	2017243314	2017251242
2017251675	2017256616	2017258301	2017260883
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2017385410	2017387129	2017388999	2017393759
2017394846	2017400676	2017409536	2017410256
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2018201257	2018202324	2018210673	2018213160
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2018322656	2018326427	2018343311	2018344427
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2019262468	2019265874	2019267067	2019275552
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2019322808	2019328256	2019341072	2019345828
2019347947	2019366355	2019371023	2019373820
2019374158	2019375590	2019375823	2019386117
2019386956	2019388940	2019397919	2019399552
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2012308559 Pilgrim, Michael The patent has been assigned to **DISA TECHNOLOGIES, INC.**

2012368274 Innovative Glaucoma Solutions, LLC The patent has been assigned to **Nova Eye, Inc.**

2014238229 Lockheed Martin Corporation The patent has been assigned to **Australian Rail Track Corporation Limited**

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2016217517 Leitans, Janis; Sutta, Peters The patent has been assigned to **BETHOC AB**

2016272688 Shandong Agricultural University The patent has been assigned to **SPRING VALLEY AGRISCIENCE**

2017201412 Esco Medical UAB The patent has been assigned to **Esco Medical Technologies UAB**

2017213166 Belyntic GmbH The patent has been assigned to **Gyros Protein Technologies AB**

2017279580 Lockheed Martin Corporation The patent has been assigned to **Australian Rail Track Corporation Limited**

Assignments Registered

2019101490 Mulga Resources Pty Ltd The patent has been assigned to **SMARTTEK PTY LTD**

Corrigenda

In Vol 36 , No 5 , Page(s) 620 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Guangzhou JOYO Pharma Co., Ltd; Medshine Discovery Inc., Application No. 2020288567, under INID (71) correct the co-applicant name to Guangzhou JOYO Pharmatech Co., Ltd

In Vol 57 , No 3 , Page(s) 375 under the heading **Applications Accepted - Name Index** Under the name HUST-Suzhou Institute for Brainsmatics, Application No. 2019373533, under INID (54) correct the title to read High-throughput optical sectioning imaging method and imaging system

In Vol 57 , No 4 , Page(s) 592 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Preomics GmbH, Application No. 2021290018, under INID (72) correct the co-inventor to JOHANSSON, Jasmin

In Vol 57 , No 4 , Page(s) 736 under the heading **Assignments Registered** Under the name TPD-API LLC, Application No. 2010308571, under INID (71) correct the applicant name to TPC-API LLC

Specifications Republished

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

2017340350	Tohoku University; Kabushiki Kaisha Yakult Honsha
2019352620	President and Fellows of Harvard College
2020281043	President and Fellows of Harvard College
2021204997	Shenzhen Carku Technology Co., Limited