



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

*For information on the following please see our website www.ipaustralia.gov.au
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Editorial enquiries

Contact information

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 15 June 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

MGP Ingredients, Inc v Manildra Milling Corporation [2023] APO 32

Patent Application:	2019204224
Title:	Gluten-free starch and methods of producing same
Patent Applicant:	Manildra Milling Corporation
Opponent:	MGP Ingredients, Inc
Delegate:	Dr S. J. Smith
Decision Date:	31 May 2023
Hearing Date:	1 June 2022, by videoconference
Catchwords:	PATENTS – opposition to the grant of a patent – grounds of clarity, inventive step, support – inclusion of a trade mark in claims – lack of clarity not made out – essential aspects of technical contribution to the art based on examples – lack of support not made out – combinations of documents – parameteritis – lack of inventive step not made out – opposition unsuccessful – costs awarded against the opponent
Representation:	Solicitor for the applicant: Duncan Longstaff, Spruson & Ferguson Lawyers Patent attorney for the applicant: Elizabeth Barrett and Ken Johnstone, Spruson & Ferguson Patent attorney for the opponent: Paul Whenman, Sarah Glasson and Jeremy Dobbin, FB Rice

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 30 May 2023 .

(71) 2MT Mining Products Pty Ltd (21) 2023901674 (22) 29.05.2023 (54) PROTECTION SYSTEMS	(71) Australian Engineered Solutions Pty Ltd (21) 2023901661 (22) 26.05.2023 (54) Jig for Forming Structural Building Member	(71) CI Corporation Pty Ltd (21) 2023901581 (22) 21.05.2023 (54) E-Truck-Trailer III
(71) adu, j. (21) 2023901634 (22) 25.05.2023 (54) A DJ Song request Line software application	(71) Banaei, A. (21) 2023901603 (22) 22.05.2023 (54) Future Footwear with Inflatable dynamic orthotics and Multiple Pressure Sensors.	(71) CI Corporation Pty Ltd (21) 2023901582 (22) 21.05.2023 (54) Smart Power
(71) A-Labs innovations (IP) Pty Ltd (21) 2023901650 (22) 26.05.2023 (54) Skin Treatment	(71) Bespoke Medical Innovations Pty Ltd (21) 2023901644 (22) 26.05.2023 (54) A FACE MASK WITH A TENSIONER SYSTEM	(71) CI Corporation Pty Ltd (21) 2023901583 (22) 21.05.2023 (54) Refrigerator
(71) Alina & Shauna Holdings (21) 2023901588 (22) 22.05.2023 (54) A HEAT CHAMBER USED FOR COMBUSTION AND THE FORMATION AND TRANSITION OF SUPERCRITICAL NON COMBUSTIBLE LIQUIDS INTO COMBUSTIBLE GASES	(71) BOX HOMES Pty Ltd (21) 2023901610 (22) 23.05.2023 (54) BOX HOME	(71) CI Corporation Pty Ltd (21) 2023901584 (22) 21.05.2023 (54) Mineral Processing
(71) Ametalin IP Pte Ltd (21) 2023901684 (22) 30.05.2023 (54) Phase Change Materials, Heat Exchangers and Associated Thermal Batteries	(71) Brand Boutique Lawyers PTY LTD (21) 2023901678 (22) 29.05.2023 (54) Image processing system and methods	(71) CI Corporation Pty Ltd (21) 2023901585 (22) 21.05.2023 (54) Battery Substrate III
(71) Aucentra Therapeutics Pty Ltd (21) 2023901679 (22) 29.05.2023 (54) INHIBITORS OF PROTEIN KINASES FOR USE AS ANTI-PROLIFERATIVE AGENTS	(71) Bremauer, B. (21) 2023901662 (22) 26.05.2023 (54) Syringe including Magnetic Stirrer	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023901756 (22) 02.06.2023 (54) Ammonia Fuelled Internal Combustion Engine
(71) Auckland UniServices Limited (21) 2023901702 (22) 31.05.2023 (54) ANALYSIS SYSTEM AND PROBE ASSEMBLY	(71) Calil, T. (21) 2023901641 (22) 25.05.2023 (54) SYSTEM AND METHOD FOR VISUALISATION OF COMPLEX INFRASTRUCTURE NETWORKS	(71) CUMMINS, I. (21) 2023901680 (22) 29.05.2023 (54) 3 FILTERS COMPRESS AIR CLEANED ROTATING FILTER BELT MEMBRANE INCLUDING A STATIC SUBMERSED AND A ROTATING FILTERING SYSTEMS
(71) Ausroad Holdings Pty Ltd (21) 2023901672 (22) 29.05.2023 (54) BLAST HOLE ASSESSMENT DEVICE	(71) CI Corporation Pty Ltd (21) 2023901580 (22) 21.05.2023 (54) E-Truck-Trailer II	(71) Durkin Giles Holdings Pty Ltd (21) 2023901660 (22) 26.05.2023 (54) GNSS-denied dead reckoning system and method
		(71) Elecbrakes Pty Ltd (21) 2023901645 (22) 26.05.2023 (54) Trailer coupling

Provisional Applications Filed - Name Index cont'd

(71) FELICITY SMART INFRASTRUCTURE PTY LTD (21) 2023901655 (22) 26.05.2023 (54) SYSTEM AND METHOD OF DYNAMICALLY CONTROLLING TRANSPORT INFRASTRUCTURE ILLUMINATION	(71) Landscape Technologies Pty Ltd (21) 2023901667 (22) 29.05.2023 (54) TECHNOLOGY CONFIGURED TO ENABLE EFFICIENT COLLECTION OF SUBSURFACE SOIL DATA, WITH APPLICATION TO GOLF COURSES, AGRICULTURAL LAND AND OTHER AREAS	(71) ResMed Pty Ltd (21) 2023901670 (22) 29.05.2023 (54) HEADGEAR FOR PATIENT INTER-FACES
(71) Fortescue Metals Group Ltd (21) 2023901654 (22) 26.05.2023 (54) Autonomous mining system	(71) Lewis Australia Pty Ltd (21) 2023901683 (22) 30.05.2023 (54) An Improved Thermal Lance	(71) ResMed Pty Ltd (21) 2023901671 (22) 29.05.2023 (54) APPARATUS FOR REPURPOSING PAP THERAPY
(71) Future Fuels CRC Ltd (21) 2023901637 (22) 25.05.2023 (54) Coating Composition	(71) Martin Energy Saving Technology Pty Ltd (21) 2023901635 (22) 25.05.2023 (54) A PREPARATION METHOD OF GRAPHITE FLAME-RETARDANT POLYURETHANE	(71) ResMed Pty Ltd (21) 2023901719 (22) 31.05.2023 (54) EYE COVER FOR USE WITH A RESPIRATORY THERAPY SYSTEM
(71) Havah Therapeutics Pty Ltd (21) 2023901658 (22) 26.05.2023 (54) Method of Treatment	(71) mDetect Pty Ltd (21) 2023901673 (22) 29.05.2023 (54) Non-invasive large area dynamic scanning system for muon tomography using narrow field muon telescopes	(71) Saban Ventures Pty Limited (21) 2023901646 (22) 26.05.2023 (54) Sensor system and method for characterising a cleaning process
(71) Howell, K. (21) 2023901665 (22) 27.05.2023 (54) Linking insert & masonry brick construction system.	(71) oakey, c. (21) 2023901620 (22) 23.05.2023 (54) pre fire artillery	(71) Safetylink Pty Ltd (21) 2023901668 (22) 29.05.2023 (54) Roof Mounted Clamp Assembly
(71) ILSE, H. (21) 2023901685 (22) 30.05.2023 (54) Self-stabilising pedestal	(71) One Brake Pty Ltd (21) 2023901597 (22) 22.05.2023 (54) Brake lever transducer arrangement	(71) Scolaro, A. (21) 2023901587 (22) 21.05.2023 (54) A Clean Energy Drive
(71) Innovgas Pty Ltd (21) 2023901649 (22) 26.05.2023 (54) INTUBATION CATHETER APPARATUS	Polyvach, G. see Polyvach, M. (21) 2023901643	(71) Seer Medical Holdings Limited (21) 2023901656 (22) 26.05.2023 (54) Methods and systems for seizure management
(71) Jacob Australia (21) 2023901633 (22) 25.05.2023 (54) Personalised Neon Swimwear /Neon Clothing for identifying a persons name, contact number and allergy or medical condition	(71) Polyvach, M.; Polyvach, G. (21) 2023901643 (22) 26.05.2023 (54) Automated Vendor Outlet Kombicos	(71) Shango Pty Ltd (21) 2023901675 (22) 29.05.2023 (54) A system for recording and constructing a semiotic wagering / agreement
(71) Jensen-Bentley, J. (21) 2023901663 (22) 26.05.2023 (54) Safety Cutter Holster	(71) Promat Australia Pty Ltd (21) 2023901659 (22) 26.05.2023 (54) IMPROVED FIRE COLLAR	(71) Sliusenko, K. (21) 2023901681 (22) 29.05.2023 (54) SmartBolt® Tension and Integrity Remote Monitoring System
(71) King, S. (21) 2023901676 (22) 29.05.2023 (54) A timber truss beam and construction system	(71) RACKEES PROPRIETARY LIMITED (21) 2023901682 (22) 29.05.2023 (54) Foldable Jigsaw Puzzle Board	(71) Taylor, R. (21) 2023901639 (22) 25.05.2023 (54) Roadside mobile phone detection camera scanner
(71) Lamberton, M. (21) 2023901631 (22) 25.05.2023 (54) SmarHUB is a network display system used to monitor and control connected devices in the home.	(71) Redarc Technologies Pty Ltd (21) 2023901647 (22) 26.05.2023 (54) A system for a tow vehicle-trailer combination	(71) The University of Queensland (21) 2023901657 (22) 26.05.2023 (54) Protein-coated LDH nanoparticles as nanocarriers in plants
	(71) ResMed Pty Ltd (21) 2023901669 (22) 29.05.2023 (54) A VENT ARRANGEMENT FOR A PATIENT INTERFACE	(71) Trihey, A. (21) 2023901640 (22) 25.05.2023 (54) Instantaneous / continuous flow electric water heater 2

Provisional Applications Filed - Name Index cont'd

(71) Uniseg Products Pty Ltd
(21) 2023901664 (22) 26.05.2023
(54) Over Center Latch

(71) University of South Australia
(21) 2023901653 (22) 26.05.2023
(54) Improved Microfluidic Device for Optical Spectroscopy

(71) VAXMED Pty Ltd
(21) 2023901651 (22) 26.05.2023
(54) Cells and cell lines and method of making and using same

(71) VAXMED Pty Ltd
(21) 2023901652 (22) 26.05.2023
(54) Poxviral vector and method of making and using same

(71) WEIR CANADA INC.,
(21) 2023901783 (22) 06.06.2023
(54) CENTRIFUGAL SLURRY PUMP IMPELLER

(71) Yassine, N.
(21) 2023901586 (22) 21.05.2023
(54) Automated Software Development System Integrating AI and Requirements Standardisation Processes

(71) Yumdrum Pty Ltd
(21) 2023901677 (22) 29.05.2023
(54) REINFORCING SUPPORT CHAIR

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2023901681	Sliusenko, K.
2023901682	RACKEES PROPRIETARY LIMITED
2023901683	Lewis Australia Pty Ltd
2023901684	Ametalin IP Pte Ltd
2023901685	ILSE, H.
2023901702	Auckland UniServices Limited
2023901719	ResMed Pty Ltd
2023901756	Commonwealth Scientific and Industrial Research Organisation
2023901783	WEIR CANADA INC.,

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 30 May 2023 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) ABUS August Bremicker Söhne KG (21) 2023203274 (22) 25.05.2023 (54) PADLOCK WITH REPLACEABLE LOCK HOOP (31) 102022119572.4 (32) 04.08.22 (33) DE</p> <hr/> <p>(71) Advanced Lithium Electrochemistry Co., Ltd. (21) 2023203287 (22) 25.05.2023 (54) High-voltage composite positive electrode material and manufacturing method thereof (31) 112105075 (32) 14.02.23 (33) TW</p> <hr/> <p>(71) Aluminium Specialties Group Pty Ltd (21) 2023203250 (22) 24.05.2023 (54) Corner stake and roller for a panel assembly (31) 2022901424 (32) 26.05.22 (33) AU</p> <hr/> <p>(71) Amorepacific Corporation (21) 2023203271 (22) 24.05.2023 (54) METHOD OF PREPARING HYALURONIC ACID NANOPARTICLES (31) 10-2022-0064855 (32) 26.05.22 (33) KR 10-2023-0061856 12.05.23 KR</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023203284 (22) 25.05.2023 (54) A GAMING MACHINE AND METHOD FOR PROVIDING A FEATURE GAME (62) 2021203850</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Ltd (21) 2023203256 (22) 24.05.2023 (54) SYSTEMS AND METHODS FOR AN ELECTRONIC GAMING MACHINE EMPLOYING EYE GAZE TRACKING SYSTEM TO ANIMATE REEL SYMBOLS AND GENERATE VIDEO CONTENT (31) 18/322,382 (32) 23.05.23 (33) US 63/345,541 25.05.22 US</p> <hr/> <p>(71) Auspex Pharmaceuticals, Inc. (21) 2023203246 (22) 23.05.2023 (54) Methods of manufacturing benzquinoline compounds (62) 2021209150</p>	<p>(71) BASF Agro B.V. (21) 2023203235 (22) 23.05.2023 (54) Plants having increased tolerance to herbicides (62) 2021202102</p> <hr/> <p>(71) BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD. (21) 2023203291 (22) 25.05.2023 (54) METHOD AND APPARATUS FOR DETERMINING QUANTUM NOISE INTENSITY, ELECTRONIC DEVICE AND MEDIUM (31) 202210614321.5 (32) 31.05.22 (33) CN</p> <hr/> <p>(71) Case Western Reserve University (21) 2023203281 (22) 25.05.2023 (54) Melt processed viral nanoparticle constructs (62) 2017354004</p> <hr/> <p>(71) Case Western Reserve University (21) 2023203297 (22) 26.05.2023 (54) System for Accelerated Recovery from Direct Current (DC) Nerve Block Using Repolarization (62) 2020241242</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2023203278 (22) 25.05.2023 (54) MOUNTING SYSTEM FOR WORK MACHINE (31) 17/806,106 (32) 09.06.22 (33) US</p> <hr/> <p>(71) CATERPILLAR INC. (21) 2023203288 (22) 25.05.2023 (54) SYSTEM AND METHOD FOR MONITORING HEALTH PARAMETERS OF BATTERY PACK (31) 17/806,506 (32) 13.06.22 (33) US</p> <hr/> <p>(71) Centogene GmbH (21) 2023203247 (22) 23.05.2023 (54) USE OF LYSO-GB1 AS DRUGGABLE TARGET (62) 2017290293</p> <hr/> <p>(71) Colgate-Palmolive Company (21) 2023203299 (22) 26.05.2023 (54) Oral care composition comprising a cannabinoid (62) 2020363397</p>	<p>(71) Deere & Company; Iowa State University Research Foundation, Inc. (21) 2023203262 (22) 24.05.2023 (54) Beater roller configuration in a harvester vehicle (31) 63/356,391 (32) 28.06.22 (33) US 18/118,557 07.03.23 US</p> <hr/> <p>(71) DEKA Products Limited Partnership (21) 2023203295 (22) 25.05.2023 (54) Fluid pumping and bioreactor system (62) 2021204366</p> <hr/> <p>(71) DEKA Products Limited Partnership (21) 2023203296 (22) 25.05.2023 (54) User control device for a transporter (62) 2021290227</p> <hr/> <p>(71) E²NAT Technologies LLC (21) 2023203289 (22) 25.05.2023 (54) Systems and methods for providing a ReNAT communications environment (62) 2021269297</p> <hr/> <p>(71) EMEH, Inc. (21) 2023203238 (22) 23.05.2023 (54) Moveable stair systems and methods (62) 2018269389</p> <hr/> <p>(71) Exterminex (Australia) Pty Ltd (21) 2023203269 (22) 24.05.2023 (54) METHOD FOR PRODUCING A TERMITE BAIT COMPOSITION</p> <hr/> <p>(71) F. Hoffmann-La Roche AG (21) 2023203292 (22) 25.05.2023 (54) Bicyclic ketone compounds and methods of use thereof (62) 2021204369</p> <hr/> <p>(71) FabTech System CO., LTD. (21) 2023203279 (22) 25.05.2023 (54) Non-PLC-based conveyor controller (31) 10-2022-0065059 (32) 27.05.22 (33) KR</p> <hr/> <p>(71) Garock Pty Ltd (21) 2023203245 (22) 23.05.2023 (54) Rock Bolt (62) 2021204317</p> <hr/> <p>(71) Georg Fischer Rohrleitungssysteme AG (21) 2023203275 (22) 25.05.2023</p>
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(62) 2017271545

(71) Heraeus Medical GmbH
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(54) DEVICE AND METHOD FOR PREPARING BONE CEMENT PASTE
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(71) JETBLACK INVESTMENTS PTY LTD
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(71) Lai, P.Y.; Ng, H.Y.
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(54) A mobile application for restaurant reservations and virtual queuing

(71) Light Field Lab, Inc.
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(54) System and methods for realizing Transverse Anderson Localization in energy relays using component engineered structures
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(71) Luteiden Torjunta Helle Oy
(21) 2023203294 (22) 25.05.2023
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(71) Mahindra & Mahindra Limited
(21) 2023203251 (22) 24.05.2023
(54) UNIVERSAL INSTRUMENT CLUSTER ASSEMBLY FOR VEHICLES AND A METHOD THEREOF
(31) 202241029878 (32) 24.05.22 (33) IN

(71) Mahindra and Mahindra Limited
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(54) A Multi Terrain Mode System for a Vehicle and a Method Thereof
(31) 202241029770 (32) 24.05.22 (33) IN

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(21) 2023203283 (22) 25.05.2023
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(71) Midwest Innovative Products
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(54) Dolly
(62) 2021202452

(71) NAGOYA General Incorporated Association
(21) 2023203257 (22) 24.05.2023
(54) ELECTRIC DEVICE, ELECTRIC FIELD BARRIER FORMING DEVICE AND MAGNETIC FIELD BARRIER FORMING DEVICE
(31) 2022-190861 (32) 29.11.22 (33) JP
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(71) NEC Corporation
(21) 2023203252 (22) 24.05.2023
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(71) Neovasc Tiara Inc.
(21) 2023203264 (22) 24.05.2023

(54) Retrievable prosthesis delivery system
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(71) Nthalmic Holding Pty Ltd
(21) 2023203249 (22) 24.05.2023
(54) Optical films with non-refractive opaque features to transform single vision ophthalmic lenses into myopia management ophthalmic lenses
(62) 2021229904

(71) OURS Technology, LLC
(21) 2023203293 (22) 25.05.2023
(54) SEMICONDUCTOR LASER AND OPTICAL AMPLIFIER PHOTONIC PACKAGE
(62) 2021300366

(71) Panbela Therapeutics, Inc.
(21) 2023203254 (22) 24.05.2023
(54) Methods for producing (6S,15S)-3,8,13,18-tetrazaicosane-6,15-diol
(62) 2019213664

(71) PAULO DANTAS DA SILVA, P.
(21) 2023203303 (22) 26.05.2023
(54) IMPROVEMENT INTRODUCED IN STAND UP PADDLEBOARD FOR WHEELCHAIR USERS
(31) BR 20 2023 (32) 04.03.23 (33) BR
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(71) Proda Biotech LLC
(21) 2023203255 (22) 24.05.2023
(54) Molecules disrupting pyruvate kinase M2 and integrin interaction and uses thereof
(62) 2021200998

(71) PTC Therapeutics, Inc.
(21) 2023203241 (22) 23.05.2023
(54) Heterocyclic and heteroaryl compounds for treating Huntington's disease
(62) 2019294478

(71) Quanta Associates, L.P.
(21) 2023203467 (22) 02.06.2023
(54) Horizontal directional reaming
(31) 17/714,893 (32) 06.04.22 (33) US
(62) 2019279892

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(21) 2023203221

Rosenblum, R. see Van Dijk, Y.Y.
(21) 2023203221

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<hr/> <p>(71) Seminis Vegetable Seeds, Inc., (21) 2023203282 (22) 25.05.2023 (54) Bean variety SVGF2123 (31) 17/831,941 (32) 03.06.22 (33) US</p> <hr/> <p>(71) Sharrow Engineering LLC (21) 2023203242 (22) 23.05.2023 (54) Propeller (62) 2021203673</p> <hr/> <p>(71) Singh, K. (21) 2023203272 (22) 24.05.2023 (54) A novelty drinking vessel (31) 2207949.5 (32) 30.05.22 (33) GB</p> <hr/> <p>(71) Sonos, Inc. (21) 2023203239 (22) 23.05.2023 (54) Audio response playback (62) 2022291481</p> <hr/> <p>(71) Techtronic Cordless GP (21) 2023203270 (22) 24.05.2023 (54) Robotic garden tool with blade height adjustment (31) 63/345,753 (32) 25.05.22 (33) US</p> <hr/> <p>(71) Transportation IP Holdings, LLC (21) 2023203273 (22) 25.05.2023 (54) CHARGE TRANSFER TIMING SYS- TEM AND METHOD (31) 63/346,225 (32) 26.05.22 (33) US 18/315,957 11.05.23 US</p> <hr/> <p>(71) Triage Technologies Inc. (21) 2023203298 (22) 26.05.2023 (54) System to collect and identify skin con- ditions from images and expert know- ledge (62) 2020349082</p> <hr/> <p>(71) Universiti Putra Malaysia (21) 2023203267 (22) 24.05.2023 (54) NEW COMPOSITION FOR INSECT- ICIDES (62) 2017379542</p> <hr/> <p>(71) Van Dijk, Y.Y.; Rosenblum, R.; ROSEN- BLOOM, M. (21) 2023203221 (22) 23.05.2023 (54) Sterile Apparatus for Rapid Cooling of Hot Water (62) 2016261596, 2020204598</p> <hr/> <p>(71) Willand (Beijing) Technology Co., LTD. (21) 2023203243 (22) 23.05.2023 (54) METHOD FOR RECOMMENDING IN- STALLATION POSITION OF BASE STATION, STORAGE MEDIUM,</p>	<p>MOWER, AND MOBILE ELECTRONIC DEVICE (31) 202210650115.X (32) 10.06.22 (33) CN</p> <hr/> <p>(71) WireCo WorldGroup Inc. (21) 2023203300 (22) 26.05.2023 (54) CABLE TERMINATION INSPECTION COVER ASSEMBLY (31) 63/346,706 (32) 27.05.22 (33) US</p> <hr/> <p>(71) Woodstream Corporation (21) 2023203263 (22) 24.05.2023 (54) LIQUID CONTAINER WITH ANTI- CRUSHING FEATURE (31) 17/842,170 (32) 16.06.22 (33) US</p> <hr/> <p>(71) Woodstream Corporation (21) 2023203265 (22) 24.05.2023 (54) INSECT CONTROL VESSEL AND DE- LIVERY DEVICE (31) 17/842,199 (32) 16.06.22 (33) US</p> <hr/> <p>(71) Worldpay Limited (21) 2023203280 (22) 25.05.2023 (54) Wireless communication between elec- tronic devices in close proximity (62) 2021240288</p> <hr/> <p>(71) XIAMEN HQMOUNT TECH. CO., LTD. (21) 2023203266 (22) 24.05.2023 (54) CLAMPING COMPONENTS, GUIDE RAIL RACKING AND SOLAR PANEL RACKING ASSEMBLY (31) 2023205000360 (32) 15.03.23 (33) CN</p>
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2023203221	Van Dijk, Y.Y.; Rosenblum, R.; ROSENBLOOM, M.
2023203235	BASF Agro B.V.
2023203238	EMEH, Inc.
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2023203240	Midwest Innovative Products
2023203241	PTC Therapeutics, Inc.
2023203242	Sharrow Engineering LLC
2023203243	Willand (Beijing) Technology Co., LTD.
2023203244	Komatsu Ltd.
2023203245	Garock Pty Ltd
2023203246	Auspex Pharmaceuticals, Inc.
2023203247	Centogene GmbH
2023203248	Lai, P.Y.; Ng, H.Y.
2023203249	Nthalmic Holding Pty Ltd
2023203250	Aluminium Specialties Group Pty Ltd
2023203251	Mahindra & Mahindra Limited
2023203252	NEC Corporation
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2023203254	Panbela Therapeutics, Inc.
2023203255	Proda Biotech LLC
2023203256	Aristocrat Technologies Australia Pty Ltd
2023203257	NAGOYA General Incorporated Association
2023203258	Getac Technology Corporation
2023203261	JETBLACK INVESTMENTS PTY LTD
2023203262	Deere & Company; Iowa State University Research Foundation, Inc.
2023203263	Woodstream Corporation
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2023203265	Woodstream Corporation
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2023203267	Universiti Putra Malaysia
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2023203269	Exterminex (Australia) Pty Ltd
2023203270	Techtronic Cordless GP
2023203271	Amorepacific Corporation
2023203272	Singh, K.
2023203273	Transportation IP Holdings, LLC
2023203274	ABUS August Bremicker Söhne KG
2023203275	Georg Fischer Rohrleitungssysteme AG
2023203276	HONEYWELL INTERNATIONAL INC.
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2023203279	FabTech System CO., LTD.
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2023203281	Case Western Reserve University
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2023203283	MAX CO., LTD.
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2023203287	Advanced Lithium Electrochemistry Co., Ltd.
2023203288	CATERPILLAR INC.
2023203289	E^NAT Technologies LLC
2023203290	Hemanext Inc.
2023203291	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.
2023203292	F. Hoffmann-La Roche AG
2023203293	OURS Technology, LLC
2023203294	Luteiden Torjunta Helle Oy
2023203295	DEKA Products Limited Partnership
2023203296	DEKA Products Limited Partnership
2023203297	Case Western Reserve University
2023203298	Triage Technologies Inc.
2023203299	Colgate-Palmolive Company
2023203300	WireCo WorldGroup Inc.
2023203301	Heraeus Medical GmbH
2023203303	PAULO DANTAS DA SILVA, P.
2023203456	Hunan Vegetable Research Institute
2023203467	Quanta Associates, L.P.

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Applications listed below were processed through the Patent Office Canberra during the period ending 30 May 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) D.I.T Technologies Ltd
(21) 2023100048 **(22)** 01.06.2023
(54) Dosing system with external flow
sensor
(62) 2019370617,2022100179

(71) D.I.T Technologies Ltd
(21) 2023100049 **(22)** 01.06.2023
(54) Dosing system for dosing urea phos-
phate and/or a methane reducer
(62) 2019370617,2022100179,PCT/
AU2022/050369

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2023100048 D.I.T Technologies Ltd

2023100049 D.I.T Technologies Ltd

Applications with amended filing dates Reg 3.5(A).

2023202900 **slennett-roberts, t.** The filing date has been amended to 29.05.2023

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
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- N Applications not Open to Public Inspection

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2022903962 (12AN)

2023

2023201216 (1B) 2023201267 (7AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2023

2023202353 **GALE, A.** Provisional Number: 2023901740

Assignments before Grant, Section 113

2017

2017285486 Sarkissian, Shant; Noiseux, Nicolas The application has been assigned to **Targa Biomedical**

2018

2018229465 AgCoTech Pte Ltd The application has been assigned to **AgCoTech IP Pty Ltd**

2018233589 Selby, Ryan; Karkairan, Ryan The application has been assigned to **Altria Client Services LLC**

2018272912 Huntleigh Technology Limited The application has been assigned to **Arjo IP Holding AB**

2018354189 Magenta Therapeutics, Inc. The application has been assigned to **CRISPR Therapeutics AG**

2018355244 Magenta Therapeutics, Inc. The application has been assigned to **CRISPR Therapeutics AG**

2018381189 DELAINE Jr., Phillip The application has been assigned to **United Barrier Technologies, Inc.**

2019

2019207524 Intelligent Drilling Applications & Technologies (IDAT) Pty Ltd The application has been assigned to **Technology Innovations Australia Pty Ltd**

2019226632 Intelligent Drilling Applications & Technology Pty Ltd The application has been assigned to **Technology Innovations Australia Pty Ltd**

2019230220 Ora, Inc.; Portola Pharmaceuticals, Inc. The application has been assigned to **Alexion Pharmaceuticals, Inc.; Ora, Inc.**

2019252523 Cargill, Incorporated The application has been assigned to **BASF Plant Science Company GmbH**

2019262644 Portola Pharmaceuticals, Inc. The application has been assigned to **Alexion Pharmaceuticals, Inc.**

2019276048 KemPharm Denmark A/S The application has been assigned to **ZEVRA DENMARK A/S**

Assignments before Grant, Section 113

2019287746 Bauman, William; Sabiev, Anton; Korsten, Mark The application has been assigned to **UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS**

2019301524 Twitty, Colleen; Herbert, Mark; Tamoney, Andrew; Hogle, Dean; Bayley, Oliver; Monsler, Eric; Pallo, Richard; Rosario, Carlos; Laubinger, Laurenz; Donayre, Louis; Tam, Joyce; Smartt, Brian; Jarvis, Tabitha; Silverman, Brian; Erlein, Steven; Bharwani, Murad; Luckevich, Mark; Schuh, Austin; Peloton Technology, Inc.; Switkes, Joshua; Laws, Shad; Tange, Marc; Gavrysh, Art The application has been assigned to **Peloton Technology, Inc.**

2019432401 Peng, Xianfeng The application has been assigned to **Anipha Technologies Pty Ltd**

2020

2020201138 Magenta Therapeutics, Inc. The application has been assigned to **CRISPR Therapeutics AG**

2020223182 Cargill, Incorporated The application has been assigned to **BASF Plant Science Company GmbH**

2020232521 Kamei, Masamichi The application has been assigned to **Land Business Co., Ltd.**

2020261405 Magenta Therapeutics, Inc. The application has been assigned to **CRISPR Therapeutics AG**

2020277270 KemPharm Denmark A/S The application has been assigned to **ZEVRA DENMARK A/S**

2020292363 Fitness Anywhere LLC The application has been assigned to **JFXD TRX ACQ LLC.**

2020294309 KemPharm Denmark A/S The application has been assigned to **ZEVRA DENMARK A/S**

2020303190 Castellana, Rossana The application has been assigned to **GPQ S.R.L.**

2020324372 ETG Fire, Inc. The application has been assigned to **ETG Holdings Company, Inc.**

2020327511 GIRM Biosafety Technology Co. Ltd. The application has been assigned to **Guangdong Nanshan Medicine Innovation Institute; GIRM Biosafety Technology Co. Ltd.**

2020335930 New York University The application has been assigned to **Maskbegone LLC**

2020344704 InMotus Medical LLC The application has been assigned to **MIOS Marketing LLC**

2020345858 Swinburne University of Technology The application has been assigned to **mDetect Pty Ltd**

2020413749 Kamei, Masamichi The application has been assigned to **Land Business Co., Ltd.**

Assignments before Grant, Section 113

2020416243 Kamei, Masamichi The application has been assigned to **Land Business Co., Ltd.**

2020423708 Kamei, Masamichi The application has been assigned to **Land Business Co., Ltd.**

2020904830 WALKER, Kelly The application has been assigned to **KLIPSTA IPCO PTY LTD**

2021

2021208642 Aetio Biotherapy, Inc. The application has been assigned to **Immune Targeting, Inc.**

2021229149 Grand Metal Aluminium Pty Ltd The application has been assigned to **X Facade System Pty Ltd**

2021239929 Magenta Therapeutics, Inc. The application has been assigned to **CRISPR Therapeutics AG**

2021269176 Diamond Light Source Limited; The Rosalind Franklin Institute; Oxford University Innovation Limited The application has been assigned to **THE ROSALIND FRANKLIN INSTITUTE**

2021323846 Nanjing Bioheng Biotech Co., Ltd The application has been assigned to **BIOHENG THERAPEUTICS LIMITED**

2021344177 CRUICKSHANK, Amy Clare; SALEH, Mirshahin Seyed; KELLY, Robert James McClelland The application has been assigned to **Wool Research Organisation of New Zealand Incorporated**

2021364335 PUMUCKU, Mehmet; KINGSTON, Howard M.; DEFINITEK, INC. The application has been assigned to **DEFINITEK, INC.**

2022

2022201116 Sungrow Power Supply Co., Ltd. The application has been assigned to **Sungrow Hydrogen Sci. & Tech. Co., Ltd**

2022202214 Grando Building Services Pty Ltd The application has been assigned to **X Building System Pty Ltd**

2022202233 Magenta Therapeutics, Inc. The application has been assigned to **CRISPR Therapeutics AG**

2022204608 Fred Hutchinson Cancer Research Center; Adaptive Biotechnologies Corp. The application has been assigned to **FRED HUTCHINSON CANCER CENTER; Adaptive Biotechnologies Corp.**

2022256164 OMNI Solutions LLC The application has been assigned to **Gurtler Industries, Inc.**

2023

2023200825 Portola Pharmaceuticals, Inc. The application has been assigned to **Alexion Pharmaceuticals, Inc.**

2023901483 Breytenbach, Johannes; Wilson, Lachlan; Wilson, Luke The application has been assigned to **NFTs & Frequencies Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2014

2014339754 **Higgins, C.; Adriaansen, A.** An application to extend the time from 25 Oct 2022 to 25 May 2023 in which to pay a renewal fee has been filed . Address for service - Christopher Lyndon Higgins PO Box 374 GALSTON NSW 2159 AU

2016

2016312971 **Pump Pal Pty Ltd** An application to extend the time from 24 Aug 2022 to 24 Mar 2023 in which to pay a renewal fee has been filed . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

2017

2017268185 **The Cleveland Clinic Foundation** An application to extend the time from 16 May 2022 to 16 May 2023 in which to pay a renewal fee has been filed . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2020

2020358860 **UNIVERSITY OF CINCINNATI** An application to extend the time from 04 May 2022 to 04 Apr 2023 in which to enter the National Phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022

2022201295 **The Procter & Gamble Company** An application to extend the time from 23 Oct 2022 to 23 May 2023 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2023

2023202955 **Selecta Biosciences, Inc.** An application to extend the time from 26 Apr 2022 to 26 May 2023 in which to make a further application for a divisional patent has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)

2006

2006202977 **Erickson, G.** The time in which to pay a renewal fee has been extended to 12 Feb 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2011

2011203119 **Ono Pharmaceutical Co., Ltd.; E. R. Squibb & Sons, L.L.C.** The time in which to Extend Term Pharmaceutical S70 has been extended to 16 Jul 2016 . Address for service - MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

Extensions of Time, Section 223

2016

2016201378 **Nasta, M.** The time in which to pay a continuation fee and request examination has been extended to 02 Feb 2023 . Address for service - Kevin Ashby PO Box 900 Samford QLD 4520 AU

2017

2017303920 **Johnston Family Group Pty Ltd** The time in which to pay a continuation fee has been extended to 26 Feb 2023 . Address for service - MOSAIC IP PO BOX 201 Cannon Hill QLD 4170 AU

2017418909 **Natural Resource Beneficiation Limited** The time in which to request examination has been extended to 14 Nov 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018254630 **JIMMY COCO INTERNATIONAL LIMITED** The time in which to pay a continuation fee has been extended to 26 Dec 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019

2019280972 **NEY, P.; SHAHEEN, S.** The time in which to request examination has been extended to 15 Jun 2023 . Address for service - Golja Haines & Friend PO BOX 1014 SOUTH PERTH WA 6951 AU

2021

2021203147 **McKenna, E.** The time in which to pay a continuation fee has been extended to 16 Nov 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021322314 **Ling, F.** The time in which to enter the National Phase has been extended to 07 Apr 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

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

2004

2004221793 A method of controlling surface defects in metal-coated strip **Bluescope Steel Limited** The nature of the amendment is as shown in the statement(s) filed 16 May 2023 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2008

2008340101 Dosing regimen associated with long acting injectable paliperidone esters **Janssen Pharmaceutica NV** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023 . Address

Amendments

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

2017

2017206785 Rodents having an engineered heavy chain diversity region **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 May 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2017266442 Fluid coupling assembly **Walnab Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 May 2023 . Address for service - Clark Intellectual Property Pty Ltd 14 Eaton Street Willoughby NSW 2068 AU

2019

2019322205 Dendrimer formulations **AstraZeneca AB** The nature of the amendment is as shown in the statement(s) filed 05 Jun 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020464317 Device for producing expanded granulated material **Binder + Co AG** The nature of the amendment is as shown in the statement(s) filed 20 Apr 2023 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2021

2021106785 COMBINED PLANT COMPOUNDS FOR USE IN THE TREATMENT OF VIRAL INFECTIONS INCLUDING COVID-19 **HUANG, G.** The nature of the amendment is as shown in the statement(s) filed 05 Apr 2023 . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Carrington St Sydney NSW 2000 AU

2021200816 Composition and methods for reducing corn-on-corn yield penalty **Monsanto Technology LLC** The nature of the amendment is as shown in the statement(s) filed 23 May 2023 . Address for service - Davies Collision Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2021245170 Flexible, adjustable lens power liquid crystal cells and lenses **CooperVision International Limited** The nature of the amendment is as shown in the statement(s) filed 30 May 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2021264298 Long-acting GLP-1 and glucagon receptor dual agonist **Dong-A ST Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 May 2023 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

Amendments Made

2008

2008241045 **Chiesi Farmaceutici S.P.A.** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2023

2015

2015259237 **Eisai R&D Management Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Keaney, Gregg F.; Wang, John; Gerard, Baudouin; Arai, Kenzo; Liu, Xiang; Zheng, Guo

Amendments

Zhu; Kira, Kazunobu; Tivitmahaisoon, Parcharee; Prajapati, Sudeep; Gearhart, Nicholas C.; Kotake, Yoshihiko; Nagao, Satoshi; Kanada Sonobe, Regina; Miyano, Masayuki; Murai, Norio; Buonamici, Silvia; Yu, Lihua; Park, Eunice Sun; Chan, Betty; Smith, Peter G.; Thomas, Michael P.; Pazolli, Ermira and Lim, Kian Huat

2017

2017205399 **Gen-Probe Incorporated** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2023

2017271545 **Hemanext Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Mar 2023

2017381742 **Victoria Link Limited** The nature of the amendment is as shown in the statement(s) filed 23 Feb 2023

2018

2018319549 **The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Alcalá de Henares** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2023

2018454451 **Multikraft Probiotics Australia Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2023

2019

2019247936 **Sun Pharmaceutical Industries Limited** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2023

2019275569 **Envera LIC, LLC** The nature of the amendment is: Amend the name of the inventor to read Hashman, Tommie Eugene and Matheny, Michael

2019416779 **Lyapukhov, N.E.** The nature of the amendment is: Application is to proceed under the number 2019101845

2020

2020203844 **Nationwide Children's Hospital, Inc.; Ohio State Innovation Foundation** The nature of the amendment is: Amend the name of the inventor to read KASPAR, Brian K.; PORENSKY, Paul; BURGHEES, Arthur and FOUST, Kevin

2020335420 **Nippon Steel Corporation** The nature of the amendment is: Amend the invention title to read Flux and production method of steel product with hot-dip Zn-Al-Mg coating using said flux

2020476620 **mitsubishi electric corporation** The nature of the amendment is: Amend the invention title to read Indoor heat exchanger and indoor unit of air-conditioning apparatus

2021

2021281359 **The Rockefeller University; The Trustees of Princeton University** The nature of the amendment is: Amend the name of the inventor to read DARNELL, Robert B.; ORANGE, Dana; TROY-ANSKAYA, Olga G. and YAO, Vicky

2021317552 **WISORIG TECHNOLOGIES PTE. LIMITED** The nature of the amendment is: Amend the invention title to read A PROD-

Amendments

RUG OF A HEXAHYDRO-β-ACID COMPOUND, FEED COMPOSITION THEREOF, AND USE THEREOF

2021348233 **ANB Sensors Ltd** The nature of the amendment is: Amend the name of the inventor to read LAWRENCE, Nathan; GAHLINGS, Steven A.; MCGUINNESS, Kay Louise and MIRANDA, Monica

2021348595 **SHOUGANG GROUP CO., LTD.; BEIJING SHOUGANG CO., LTD.** The nature of the amendment is as shown in the statement(s) filed 24 Mar 2023

2021357884 **JAPAN AVIATION ELECTRONICS INDUSTRY, LIMITED; TOKYO INSTITUTE OF TECHNOLOGY** The nature of the amendment is: Amend the invention title to read INERTIAL SENSOR, ATOMIC INTERFEROMETER, METHOD FOR ADJUSTING SPEED AND COURSE OF ATOMIC BEAM, AND APPARATUS FOR ADJUSTING SPEED AND COURSE OF ATOMIC BEAM

2021360477 **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** The nature of the amendment is: Amend the invention title to read In vivo targeting of T cells for mRNA therapeutics

2021368924 **GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read TETRAHYDRONAPHTHALENE COMPOUNDS, PHARMACEUTICAL COMPOSITIONS, AND USES THEREOF

2021369097 **JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.** The nature of the amendment is: Amend the invention title to read HOT-DIP Al-Zn-Si-Mg COATED STEEL SHEET, SURFACE-TREATED STEEL SHEET, AND PRE-PAINTED STEEL SHEET

2021371515 **KABUSHIKI KAISHA EARTHTECHNICA** The nature of the amendment is: Amend the invention title to read Crushing load control circuitry of crusher and method of controlling crushing load of crusher

2021376197 **GRAPHIC PACKAGING INTERNATIONAL, LLC** The nature of the amendment is: Amend the priority details to read 63/169,302 US; 63/110,587 US; 63/174,724 US; 63/178,116 US; 63/110,578 US; 63/139,341 US; 63/126,157 US; 63/191,412 21 May 2021 US; 63/169,418 US; 63/110,582 US and 63/128,418 US

2021378583 **CORENTEC CO., LTD.** The nature of the amendment is: Amend the name of the inventor to read IN, Yong; KIM, Jong-Min; SIM, Jae-Ang; PARK, Jun-Kyu; JANG, Young-Woong; HAN, Ah-Reum and KIM, Jung-Sung

2021398537 **FYSAM AUTO DECORATIVE GMBH** The nature of the amendment is: Amend the invention title to read Roof rail for a motor vehicle, motor vehicle and method for mounting a roof rail on a roof of a motor vehicle

2021411631 **RISEN ENERGY CO. LTD** The nature of the amendment is: Amend the invention title to read Solar cell module and preparation method thereof, packaging method for solar cell module, and connection method for solar cell string

2021421584 **REGENESIS SCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read METHODS FOR

Amendments

PRODUCING MATURE CHONDROCYTE AND TROPIC FACTORS SECRETED FROM THE CELL

2021441781 **QINGDAO UNIVERSITY OF TECHNOLOGY** The nature of the amendment is: Amend the invention title to read DIAT-OMITE-SUPPORTED BIOLOGICAL IRON-MANGANESE OXIDE MATERIAL AND PREPARATION METHOD AND APPLICATION THERE-OF

2021448614 **SHANDONG JIANZHU UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read LU, Shouyin; LI, Zhipeng; GAO, Huanbing; WANG, Tao; ZHANG, Tao and FENG, Simon Yisheng

2022

2022332328 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery pack with improved safety

2023

2023203193 **Tata Consultancy Services Limited** The nature of the amendment is: Amend the priority details to read 202221029279 20 May 2022 IN

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

2009

2009272461 Rota Engineering Limited The name of the patentee has been altered to **Rota Limited**

2009289470 Allflex USA, Inc. The name of the patentee has been altered to **Allflex USA LLC**

2010

2010315240 Allflex USA, Inc. The name of the patentee has been altered to **Allflex USA LLC**

2011

2011220262 Nanjing Haike Medical Equipment Co., Ltd The name of the patentee has been altered to **CHENGDU HEUK MEDICAL EQUIPMENT CO., LTD**

2014

2014232314 Adaptive Biotechnologies Corporation; Fred Hutchinson Cancer Research Center The name of the patentee has been altered to **Adaptive Biotechnologies Corporation; Fred Hutchinson Cancer Center**

2014263135 Allflex USA, Inc. The name of the patentee has been altered to **Allflex USA LLC**

2016

2016342356 Pride Mobility Productions Corp. The name of the patentee has been altered to **Pride Mobility Products Corporation**

2017

2017246264 Hayward Baker, Inc. ; Jones, Jim The name of the patentee has been altered to **Jones, J.; Keller North America, Inc.**

Amendments

2017265723 OriCiro Genomics, Inc. The name of the applicant has been altered to **Moderna Enzymatics Co. Ltd.**

2017382850 Cephalon, Inc. The name of the applicant has been altered to **Cephalon LLC**

2019

2019217643 Aegis Therapeutics, LLC; ARS Pharmaceuticals Inc. The name of the patentee has been altered to **Aegis Therapeutics, LLC; ARS Pharmaceuticals Operations, Inc.**

2019291079 Cytovation AS The name of the applicant has been altered to **Cytovation ASA**

2019314263 PCP Tactical, LLC; Padgett, Charles The name of the applicant has been altered to **PCP Tactical, LLC**

2020

2020421659 Cytovation AS The name of the applicant has been altered to **Cytovation ASA**

2020429461 Crossliner, Inc. The name of the applicant has been altered to **Vantis Vascular, Inc.**

2021

2021218539 BMT Defence and Security UK Limited The name of the applicant has been altered to **BMT Limited**

2021221258 BMT Defence and Security UK Limited The name of the applicant has been altered to **BMT Limited**

2021254650 Aegis Therapeutics, LLC; ARS Pharmaceuticals Inc. The name of the applicant has been altered to **Aegis Therapeutics, LLC; ARS Pharmaceuticals Operations, Inc.**

2021355496 CELSION CORPORATION The name of the applicant has been altered to **Imunon, Inc.**

2021359328 AEROBORN BV The name of the applicant has been altered to **SkyNano LLC**

2021378270 AVIRMAX, INC. The name of the applicant has been altered to **Avirmax Biopharma Inc.**

2021412988 SANA BIOTECHNOLOGY, INC.; FRY, Terry J. The name of the applicant has been altered to **SANA BIOTECHNOLOGY, INC.**

2022

2022200380 ConnectWise, Inc. The name of the applicant has been altered to **ConnectWise, LLC**

2022902115 The University of Queensland The name of the applicant has been altered to **Queensland University of Technology; The University of Queensland**

2023

2023202505 PROTZMANN, Mario; LAKMANAARACHCHI, Don Sithijaya; LAKMANAARACHCHI, Anne Sithijaya The name of the applic-

Amendments

ant has been altered to **PROTZMANN, M.; LAKMANAARACHCHI, D.; LAKMANAARACHCHI, A.**

2023202813 Janssen Pharmaceutica NV; Marco, Gottardis The name of the applicant has been altered to **Janssen Pharmaceutica NV**

2023901422 Jarvish PTY LTD The name of the applicant has been altered to **KDH Advanced Research Pty Ltd**

2023901622 Jarvish PTY LTD The name of the applicant has been altered to **KDH Advanced Research Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2023203179
 (21) 2023203179 (22) 22.05.2023
 (54) Medical device data processing and communication methods and systems
 (51) Int. Cl.
A61B 5/145 (2006.01)
 (43) 15.06.2023
 (62) 2021202813
 (72) Taub, Marc Barry; Budiman, Erwin Satrya; Hua, Xuandong; Love, Michael
 (74) FPA Patent Attorneys Pty Ltd

(71) Abiomed Europe GmbH
 (11) AU-A-2023203189
 (21) 2023203189 (22) 22.05.2023
 (54) Corrosion-resistant permanent magnet and intravascular blood pump comprising the magnet
 (51) Int. Cl.
H01F 41/02 (2006.01)
F16C 1/00 (2006.01)
H01F 7/02 (2006.01)
 (43) 15.06.2023
 (62) 2019264734
 (72) MOURRAN, Claudia; SIESS, Thorsten
 (74) Spruson & Ferguson

(71) Apple Inc.
 (11) AU-A-2023203197
 (21) 2023203197 (22) 22.05.2023
 (54) User interfaces for peer-to-peer transfers
 (51) Int. Cl.
H04L 12/58 (2006.01)
G06Q 20/04 (2012.01)
 (43) 15.06.2023
 (62) 2021290334
 (72) Van Os, Marcel; Anton, Peter D.; Broughton, Lee S.; Connor, Teofila; Crawford, Jared; Dryer, Allison; Federighi, Craig M.; Heard, Richard W.; King, Nicholas V.; Lemmens, Cas; McLachlan, Mischa; Melim, Aaron; Mouilleseaux, Jean-Pierre; Moussette, Camille; Pitschel, Donald W.; Olson, Joshua G.; Steele, Glen W.; Wilson, Christopher
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023203200
 (21) 2023203200 (22) 22.05.2023
 (54) Systems, methods, and graphical user interfaces for interacting with augmented and virtual reality environments
 (51) Int. Cl.
G06F 3/01 (2006.01)
G02B 27/01 (2006.01)

G06F 3/0485 (2022.01)
G06F 3/0488 (2022.01)
G06T 7/00 (2017.01)
G06T 19/00 (2011.01)
 (43) 15.06.2023
 (62) 2021240136
 (72) Hauenstein, Mark K.; Malia, Joseph A.; Missig, Julian; Krenn, Matthaeus; Girling, Lukas Robert Tom; Hoffnung, Amir; Stauber, Matan; Bernstein, Jeffrey T.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2023203215
 (21) 2023203215 (22) 23.05.2023
 (54) Providing a remote keyboard service
 (51) Int. Cl.
G06F 3/0488 (2022.01)
H04M 1/725 (2021.01)
H04N 21/41 (2011.01)
H04W 4/00 (2018.01)
G06F 3/0489 (2022.01)
G06F 9/44 (2018.01)
G06Q 30/00 (2023.01)
H04W 12/06 (2021.01)
H04W 12/08 (2021.01)
 (43) 15.06.2023
 (62) 2022202368
 (72) Sanciangco, Alexander D.; Bradley, Bob; Krochmal, Marc J.; Clarke, Graham
 (74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2022279382
 (21) 2022279382 (22) 28.11.2022
 (54) GAME OF CHANCE WITH SHORT- AND LONG-TERM PERSISTENCE FEATURES
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 17/456.724 (32) 29.11.21 (33) US
 (43) 15.06.2023
 (72) WARMS, Nathan; MIZZI, Jennifer; DECASA Jr., Rogelio; SMITH, Zachary; CHING, Erick; USS, Jeffrey; SANBORN, Hanna
 (74) Griffith Hack

(71) Attenti Electronic Monitoring Ltd
 (11) AU-A-2021286318
 (21) 2021286318 (22) 15.12.2021
 (54) Low energy mutual detection of nearby short range transceivers
 (51) Int. Cl.
G08B 21/22 (2006.01)
G07C 9/28 (2020.01)
G08B 1/08 (2006.01)
 (31) 288494 (32) 28.11.21 (33) IL

(43) 15.06.2023
 (72) NACHMANY, Carmel
 (74) FPA Patent Attorneys Pty Ltd

(71) Auspex Pharmaceuticals, Inc.
 (11) AU-A-2023203246
 (21) 2023203246 (22) 23.05.2023
 (54) Methods of manufacturing benzquinoline compounds
 (51) Int. Cl.
C07C 231/02 (2006.01)
A61K 31/473 (2006.01)
 (43) 15.06.2023
 (62) 2021209150
 (72) Zhang, Chengzhi
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Automatic Technology (Australia) Pty Ltd
 (11) AU-A-2022275502
 (21) 2022275502 (22) 25.11.2022
 (54) Drive assembly for movable barrier
 (51) Int. Cl.
E06B 9/70 (2006.01)
E05F 15/668 (2015.01)
E05F 15/681 (2015.01)
E06B 9/171 (2006.01)
 (31) 2021903816 (32) 26.11.21 (33) AU
 (43) 15.06.2023
 (72) Hawkins, Raymond; Gupta, Kanav; Smith, Travis; Nicholls, Grant
 (74) FPA Patent Attorneys Pty Ltd

(71) Basiri, S.
 (11) AU-A-2022228113
 (21) 2022228113 (22) 07.09.2022
 (54) Liquid Level Measurement Apparatus
 (51) Int. Cl.
G01F 23/24 (2006.01)
G01F 23/263 (2022.01)
G01R 19/00 (2006.01)
H03K 19/094 (2006.01)
H03K 19/21 (2006.01)
H03M 1/12 (2006.01)
 (31) PCT/IB2021/061030 (32) 27.11.21 (33) IB
 (43) 15.06.2023
 (72) Basiri, Salar; Shafighi Malekshah, Alireza
 (74) Salar Basiri

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023203030
 (21) 2023203030 (22) 15.05.2023
 (54) Quantum state transformation method, quantum state transformation apparatus and electronic device
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

G06N 10/00 (2022.01)
(31) 202210928079.9 **(32)** 03.08.22 **(33)** CN
(43) 15.06.2023
(72) FANG, Kun
(74) Spruson & Ferguson

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2022263580
(21) 2022263580 **(22)** 04.11.2022
(54) Payment method and system for a fleet, electronic device and storage medium
(51) Int. Cl.
G07B 15/06 (2011.01)
G06Q 20/22 (2012.01)
G06Q 20/38 (2012.01)
G06Q 50/30 (2012.01)
(31) 202111448504.6 **(32)** 30.11.21 **(33)** CN
(43) 15.06.2023
(72) SUN, Jiaxin; WU, Nan
(74) FB Rice Pty Ltd

(71) Belvedere Foliar LLC
(11) AU-A-2023203158
(21) 2023203158 **(22)** 19.05.2023
(54) POST-EMERGENCE HERBICIDE
(51) Int. Cl.
C05G 3/60 (2020.01)
A01N 59/14 (2006.01)
C05D 9/02 (2006.01)
(43) 15.06.2023
(62) 2018230620
(72) Cobb, David A.
(74) AJ PARK

(71) Bezzina, J.
(11) AU-A-2022279402
(21) 2022279402 **(22)** 29.11.2022
(54) Conduit Support
(51) Int. Cl.
F16L 3/227 (2006.01)
E21D 11/12 (2006.01)
E21F 17/02 (2006.01)
(31) 2021903891 **(32)** 01.12.21 **(33)** AU
(43) 15.06.2023
(72) Bezzina, Jason
(74) MEYER WEST IP

(71) BioNTech SE
(11) AU-A-2023203180
(21) 2023203180 **(22)** 22.05.2023
(54) METHOD FOR REDUCING IMMUNOGENICITY OF RNA
(51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/10 (2006.01)
(43) 15.06.2023
(62) 2016315444
(72) Karikó, Katalin; Sahin, Ugur
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Blue River Technology Inc.
(11) AU-A-2022271449
(21) 2022271449 **(22)** 17.11.2022
(54) DYNAMIC TANK MANAGEMENT BASED ON PREVIOUS ENVIRON-

MENT AND MACHINE MEASURE-
MENTS
(51) Int. Cl.
A01M 7/00 (2006.01)
A01C 21/00 (2006.01)
A01G 25/09 (2006.01)
A01M 21/04 (2006.01)
(31) 17/538,912 **(32)** 30.11.21 **(33)** US
(43) 15.06.2023
(72) Anderson, Kent Michael; Chostner, Benjamin Ray
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Bud it Out Enterprises Ltd
(11) AU-A-2021277623
(21) 2021277623 **(22)** 30.11.2021
(54) SMOKING EXTINGUISHER
(51) Int. Cl.
A24F 13/18 (2006.01)
(43) 15.06.2023
(72) Hunniford, Cody
(74) CreateIP

(71) Canon Kabushiki Kaisha
(11) AU-A-2023203164
(21) 2023203164 **(22)** 19.05.2023
(54) Electrophotographic image forming apparatus and cartridge
(51) Int. Cl.
G03G 21/16 (2006.01)
G03G 21/18 (2006.01)
(43) 15.06.2023
(62) 2020242010
(72) FUKUI, Yuichi; TOBA, Shinjiro; KAWANAMI, Takeo; NISHIDA, Shinichi; EGAMI, Yasuyuki
(74) Spruson & Ferguson

(71) Canva Pty Ltd
(11) AU-A-2021273639
(21) 2021273639 **(22)** 26.11.2021
(54) Systems and methods for automatically scoring a group of design elements
(51) Int. Cl.
G06T 11/00 (2006.01)
G06T 11/40 (2006.01)
G06T 7/90 (2017.01)
G06T 11/60 (2006.01)
(43) 15.06.2023
(72) Martin, Tristan Lindsay; Parkinson, Sam Luke Fancourt
(74) FPA Patent Attorneys Pty Ltd

(71) CAREMEDI CO., LTD.
(11) AU-A-2022275491
(21) 2022275491 **(22)** 24.11.2022
(54) ELECTRO-OSMOTIC PUMP, METHOD OF MANUFACTURING ELECTRODE, FLUID PUMPING SYSTEM USING THE SAME, AND OPERATION METHOD THEREOF
(51) Int. Cl.
A61M 5/145 (2006.01)
B01D 61/42 (2006.01)
F04B 19/00 (2006.01)
(31) 10-2021-0165573 **(32)** 26.11.21 **(33)** KR

(43) 15.06.2023
(72) SHIN, Woonsup; ZHU, Enhua; KIM, Kyeonghyeon; KANG, Junyeong
(74) Baxter Patent Attorneys Pty Ltd

(71) Caterpillar Inc.
(11) AU-A-2023203166
(21) 2023203166 **(22)** 19.05.2023
(54) Inventory transport monitoring system
(51) Int. Cl.
G06Q 10/08 (2023.01)
G06Q 30/00 (2023.01)
G06Q 30/02 (2023.01)
(43) 15.06.2023
(62) 2017280067
(72) Steketee, Brian B.; Collins, J.D.; Senti, Thad Eric; Strayer, Mark James; Nowak, Gregory; Bayer, Daniel P.; Baarman, David W.
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2022263515
(21) 2022263515 **(22)** 02.11.2022
(54) BATTERY SUPPORT SERVICE VEHICLE
(51) Int. Cl.
B60L 53/57 (2019.01)
B60L 53/16 (2019.01)
B60L 53/53 (2019.01)
B60W 10/24 (2006.01)
B60W 30/16 (2020.01)
B60W 60/00 (2020.01)
(31) 17/537,281 **(32)** 29.11.21 **(33)** US
(43) 15.06.2023
(72) BRAUNSTEIN, Michael D.
(74) FPA Patent Attorneys Pty Ltd

(71) Centogene GmbH
(11) AU-A-2023203247
(21) 2023203247 **(22)** 23.05.2023
(54) USE OF LYSO-GB1 AS DRUGGABLE TARGET
(51) Int. Cl.
A61K 49/00 (2006.01)
A61P 25/16 (2006.01)
A61P 43/00 (2006.01)
G01N 33/68 (2006.01)
(43) 15.06.2023
(62) 2017290293
(72) Cozma, Claudia; Bauer, Peter
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) ContentsRights LLC
(11) AU-A-2023203194
(21) 2023203194 **(22)** 22.05.2023
(54) Information processing device, information processing program, and recording medium
(51) Int. Cl.
H04H 60/02 (2008.01)
H04N 5/222 (2006.01)
H04N 5/268 (2006.01)
H04N 5/765 (2006.01)
H04N 5/91 (2006.01)
H04N 21/262 (2011.01)

Applications Open to Public Inspection - Name Index cont'd

H04N 21/854 (2011.01)
(43) 15.06.2023
(62) 2021325471
(72) WATANABE, Kazuhiro
(74) LAMINAR IP PTY LTD

(71) Cornell University; Repairogen Corp; University of Louisville Research Foundation, Inc.
(11) AU-A-2023203203
(21) 2023203203 **(22)** 22.05.2023
(54) Cosmetic compositions containing quinones and their topical use on skin and hair
(51) Int. Cl.
A61K 8/35 (2006.01)
A61Q 5/00 (2006.01)
A61Q 19/00 (2006.01)
A61Q 19/08 (2006.01)
(43) 15.06.2023
(62) 2020267289
(72) BOICE, Michael; BORCHETTA, Frank; CUNNINGHAM, Albert; TRENT, John; ZHOU, Pengbo; YANG, Chenyi
(74) FB Rice Pty Ltd

Cripps Clark, J. see Cripps Clark, J.
(21) 2023203178

(71) Cripps Clark, J.; Cripps Clark, J.
(11) AU-A-2023203178
(21) 2023203178 **(22)** 21.05.2023
(54) The PrioSab specification is an extension to the invention for block chain processing for consistent asynchronous, non-linear, localized, state-driven and/or condition-based procedurality in distributed systems (and enabling safer application of AI learning) for distributed information system processing where priority processing schemes and reconfiguration or voting using redundancy and signal continuity can be designated and controlled on or within a device using a variety of different specified mechanisms.
(51) Int. Cl.
G16Y 30/10 (2020.01)
G06Q 10/10 (2023.01)
H04W 12/06 (2021.01)
G06F 11/30 (2006.01)
G06F 21/50 (2013.01)
H04L 43/10 (2022.01)
H04L 67/12 (2022.01)
(43) 15.06.2023
(62) 2022203235
(72) Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark

DAIFUKU CO., LTD. see DAIFUKU OCEANIA LIMITED
(21) 2022341083

(71) DAIFUKU OCEANIA LIMITED; DAIFUKU CO., LTD.
(11) AU-A-2022341083

(21) 2022341083 **(22)** 23.11.2022
(54) CONVEYOR CONTROLLING APPARATUS AND METHOD
(51) Int. Cl.
B65G 43/08 (2006.01)
B64F 1/36 (2017.01)
B65G 47/29 (2006.01)
G06V 10/25 (2022.01)
G06V 10/82 (2022.01)
G06V 20/40 (2022.01)
(31) PCT/ **(32)** 29.11.21 **(33)** AU
 AU2021/051420
(43) 15.06.2023
(72) ZHANG, Jian; GUNASEKARA, Priy-antha; BUNEL, Olivier; PAUL, Richard
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dendisc Holdings Pty Ltd
(11) AU-A-2022279407
(21) 2022279407 **(22)** 29.11.2022
(54) An Intraoral Cleaning Tablet
(51) Int. Cl.
A61K 8/9783 (2017.01)
A61K 9/68 (2006.01)
A61Q 11/00 (2006.01)
(31) 2021903876 **(32)** 30.11.21 **(33)** AU
(43) 15.06.2023
(72) Rees, Frank
(74) Stellar Law Pty Ltd

(71) Dong, F.
(11) AU-A-2023203218
(21) 2023203218 **(22)** 23.05.2023
(54) Substance for treating and/or preventing intolerance diseases, and design method and preparation method thereof
(51) Int. Cl.
G16C 60/00 (2019.01)
A23L 33/10 (2016.01)
A61K 31/00 (2006.01)
A61K 33/00 (2006.01)
(43) 15.06.2023
(62) 2019388795
(72) DONG, Futian
(74) James & Wells Intellectual Property

(71) Ecolab USA Inc.
(11) AU-A-2023203228
(21) 2023203228 **(22)** 23.05.2023
(54) Device and method for attracting and trapping flying insects
(51) Int. Cl.
A01M 1/04 (2006.01)
A01M 1/10 (2006.01)
A01M 1/14 (2006.01)
(43) 15.06.2023
(62) 2020256463
(72) FREUDENBERG, Jared; MATTS, Emory H.; JUNGSMANN, Ronald D.; JOHNSTON, Staci; RHODES, Matthew
(74) Spruson & Ferguson

(71) Electrical Subsea & Drilling AS
(11) AU-A-2023203170
(21) 2023203170 **(22)** 19.05.2023
(54) Wellbore control device

(51) Int. Cl.
E21B 29/08 (2006.01)
E21B 33/06 (2006.01)
(43) 15.06.2023
(62) 2017330160
(72) Norbom, Erik
(74) FB Rice Pty Ltd

(71) EMEH, Inc.
(11) AU-A-2023203238
(21) 2023203238 **(22)** 23.05.2023
(54) Moveable stair systems and methods
(51) Int. Cl.
E04F 11/022 (2006.01)
E04B 1/98 (2006.01)
E04F 11/02 (2006.01)
E04H 9/02 (2006.01)
(43) 15.06.2023
(62) 2018269389
(72) Charles, Bryan I.; Barr, Roger W.; Smith, Kevin Wayne; Peachey, Anthony J.; Fisher, Timothy A.; Mathias, Harold Dale; Moon, Justin Eugene; Blasi, Gabriel Patrick; Belvin, Robert James; Sawyer, Charles S.
(74) Davies Collison Cave Pty Ltd

(71) Equifax, Inc.
(11) AU-A-2023203214
(21) 2023203214 **(22)** 22.05.2023
(54) Detecting synthetic online entities facilitated by primary entities
(51) Int. Cl.
G06F 21/55 (2013.01)
G06F 21/52 (2013.01)
(43) 15.06.2023
(62) 2018291009
(72) BROWN, Chris; PATEL, Rakesh; MUL-LINAX, John; COLE, Troy; FARACH, Julio; GRICE, Lee; WADKINS, Patrick; STRONG, Erik; BOYNES, Cordell
(74) FB Rice Pty Ltd

(71) Ergomotion, Inc.
(11) AU-A-2022279439
(21) 2022279439 **(22)** 30.11.2022
(54) Modular pneumatic actuation system for head tilt and lumbar supports in an adjustable bed
(51) Int. Cl.
A61G 7/015 (2006.01)
A47C 20/04 (2006.01)
A47C 20/08 (2006.01)
A61G 7/018 (2006.01)
F04D 25/08 (2006.01)
(31) 17/539,999 **(32)** 01.12.21 **(33)** US
(43) 15.06.2023
(72) ERMALOVICH, Joseph; HILL, Carl
(74) Spruson & Ferguson

(71) ESCO Group LLC
(11) AU-A-2023203159
(21) 2023203159 **(22)** 19.05.2023
(54) Monitoring ground engaging products for earth working equipment
(51) Int. Cl.
E02F 9/26 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 15.06.2023
 (62) 2020284137
 (72) HYDE, Steven D.; BETOURNAY, Jason W.; SNYDER, Christopher D.
 (74) Minter Ellison

(71) ETA Green Power Limited
 (11) AU-A-2022271446
 (21) 2022271446 (22) 17.11.2022
 (54) AN INDUCTOR AND A METHOD OF PROVIDING AN INDUCTOR
 (51) Int. Cl.
H01F 17/00 (2006.01)
H01F 5/00 (2006.01)
H01F 27/28 (2006.01)

(31) 2117307.5 (32) 30.11.21 (33) GB
 (43) 15.06.2023
 (72) Bowman, Liam; Wood, Robert; Burke, Sean
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) ETA Green Power Limited
 (11) AU-A-2022275455
 (21) 2022275455 (22) 24.11.2022
 (54) HEATSINK
 (51) Int. Cl.
H02K 9/22 (2006.01)
H05K 7/20 (2006.01)

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 (72) Morgan, David; Bowman, Liam
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H02K 15/03 (2006.01)
H02K 1/27 (2022.01)
H02K 21/14 (2006.01)

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 (51) Int. Cl.
A01K 63/04 (2006.01)
A22C 25/00 (2006.01)
C02F 1/20 (2006.01)
C02F 1/72 (2006.01)
C02F 103/02 (2006.01)

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 (43) 15.06.2023
 (72) KROPP, Ramsey; BARRY, Terence P.; KAPSOS, David W.
 (74) GLMR

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 (21) 2023203232 (22) 23.05.2023
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 (51) Int. Cl.
A47F 5/10 (2006.01)
A47B 57/00 (2006.01)

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 (72) SMEDLEY, Jamie Aaron; GARDUNO, Gabriel; MERTZ, Billy
 (74) Baxter Patent Attorneys Pty Ltd

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 (54) HANDHELD BOWLING DEVICE
 (51) Int. Cl.
A63B 65/12 (2006.01)
A63D 5/00 (2006.01)

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 (74) Dieter Klaus Fialla

(71) Fisher & Paykel Healthcare Limited
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 (51) Int. Cl.
A61M 16/00 (2006.01)

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A61M 16/16 (2006.01)

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 (74) AJ PARK

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B23K 9/04 (2006.01)
B23K 9/173 (2006.01)
B23K 9/32 (2006.01)

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B32B 27/30 (2006.01)
B29C 48/10 (2019.01)
B29C 48/21 (2019.01)
B32B 27/08 (2006.01)
B32B 27/16 (2006.01)
C08J 5/18 (2006.01)
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 (74) FB Rice Pty Ltd

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A23L 2/54 (2006.01)
B01F 23/2373 (2022.01)
B01F 25/432 (2022.01)
B01F 25/433 (2022.01)

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 (74) WRAYS PTY LTD

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C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
C12N 15/864 (2006.01)
C12N 15/866 (2006.01)

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A01K 89/01 (2006.01)
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G06N 10/00 (2022.01)
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Hemanext Inc.
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 (54) ANAEROBIC BLOOD STORAGE AND PATHOGEN INACTIVATION METHOD
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A61K 41/00 (2020.01)
A61L 2/00 (2006.01)

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B05B 13/02 (2006.01)
B05B 15/70 (2018.01)
C03B 40/027 (2006.01)
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C12P 19/34 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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G07F 17/32 (2006.01)
G06Q 50/34 (2012.01)
H04L 9/00 (2022.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2022275461
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 (54) Cutting device
 (51) Int. Cl.
B28D 1/04 (2006.01)
B23D 59/00 (2006.01)
 (31) 2112787 (32) 01.12.21 (33) FR
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 (74) Davies Collison Cave Pty Ltd

(71) Incyte Corporation
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C07D 487/04 (2006.01)
A61K 31/495 (2006.01)
A61K 31/4985 (2006.01)
A61P 25/28 (2006.01)
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 (74) Houlihan Intellectual Property Pty Ltd

(71) Intuit Inc.
 (11) AU-A-2023203202
 (21) 2023203202 (22) 22.05.2023
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 (51) Int. Cl.
G06Q 40/00 (2023.01)
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 (43) 15.06.2023
 (62) 2021203646
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2022279393
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 (54) A MOVEMENT APPARATUS
 (51) Int. Cl.
B60R 11/00 (2006.01)
A47B 43/00 (2006.01)
A47B 46/00 (2006.01)
B60N 3/10 (2006.01)
B60R 11/06 (2006.01)
 (31) 2021903852 (32) 29.11.21 (33) AU
 (43) 15.06.2023
 (72) Cerezo, Jason
 (74) James & Wells Intellectual Property

(71) JBJ Civil Pty Ltd
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 (54) Cam Lever Assembly
 (51) Int. Cl.
F16B 2/18 (2006.01)
F16B 2/06 (2006.01)
H01Q 1/12 (2006.01)
H01Q 1/32 (2006.01)
 (31) 2021903840 (32) 26.11.21 (33) AU
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(54) Cutting bit assembly
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E21C 35/18 (2006.01)
E21C 35/183 (2006.01)

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(72) ARNOLD, Randy W.; O'NEILL, Michael L.
(74) Griffith Hack

(71) Komatsu Ltd.
(11) AU-A-2023203244
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(54) Unmanned vehicle control system and unmanned vehicle control method
(51) Int. Cl.
G05D 1/02 (2020.01)
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(62) 2019422842
(72) OGIHARA, Masanori; YAMAMURA, Ryuu
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(71) LEE, S.
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(21) 2022279370 (22) 28.11.2022
(54) System and method to mitigate fraud in transactions
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/32 (2013.01)
G06V 40/16 (2022.01)
(31) 2021903893 (32) 01.12.21 (33) AU
(43) 15.06.2023
(72) LEE, Samuel
(74) PIPERS

(71) Lensar, Inc.
(11) AU-A-2023203198
(21) 2023203198 (22) 22.05.2023
(54) Laser methods and systems for addressing conditions of the lens
(51) Int. Cl.
A61F 9/008 (2006.01)
A61F 9/00 (2006.01)
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(21) 2023203154 (22) 19.05.2023
(54) Refrigerator
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F25D 17/08 (2006.01)

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(74) Dentons Patent Attorneys Australasia Limited

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(21) 2023203253 (22) 24.05.2023
(54) System and methods for realizing Transverse Anderson Localization in energy relays using component engineered structures
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B29D 11/00 (2006.01)
G02B 5/02 (2006.01)
G02B 5/32 (2006.01)
G03H 1/22 (2006.01)
H01Q 15/02 (2006.01)
H01Q 15/08 (2006.01)
H01Q 19/06 (2006.01)

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(54) Energy storage
(51) Int. Cl.
F28D 20/02 (2006.01)
C09K 5/06 (2006.01)
F28D 20/00 (2006.01)
F28F 21/08 (2006.01)
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(72) KISI, Erich; TANNER, David
(74) Spruson & Ferguson

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(54) Dolly
(51) Int. Cl.
B62B 3/02 (2006.01)
A63C 1/00 (2006.01)
A63C 5/035 (2006.01)
B62B 5/04 (2006.01)
(43) 15.06.2023
(62) 2021202452
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(71) NEC Corporation
(11) AU-A-2023203252
(21) 2023203252 (22) 24.05.2023
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G06Q 50/26 (2012.01)
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(62) 2019415367
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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H04L 67/00 (2022.01)
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(51) Int. Cl.
A61M 5/14 (2006.01)
A61J 1/16 (2006.01)
A61J 1/10 (2006.01)
A61J 1/14 (2006.01)

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(72) Newling, Ross
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(51) Int. Cl.
A63F 9/24 (2006.01)
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(62) 2020377553
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(74) FB Rice Pty Ltd

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C12Q 1/6895 (2018.01)
A01H 1/04 (2006.01)
A01H 6/74 (2018.01)

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(74) Remarkable IP

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(11) AU-A-2023203249
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(51) Int. Cl.
G02C 7/02 (2006.01)

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(62) 2021229904

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(54) Lettuce variety NUN 06820 LTL

(51) Int. Cl.

A01H 6/14 (2018.01)

A01H 1/00 (2006.01)

A01H 5/10 (2018.01)

A01H 5/12 (2018.01)

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(54) Lettuce Variety NUN 06584 LTL

(51) Int. Cl.

A01H 6/14 (2018.01)

A01H 1/00 (2006.01)

A01H 5/10 (2018.01)

A01H 5/12 (2018.01)

(31) 2021903883 (32) 01.12.21 (33) AU

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(71) Nunhems B.V.

(11) AU-A-2022279512

(21) 2022279512 (22) 01.12.2022

(54) Lettuce Variety NUN 06599 LTL

(51) Int. Cl.

A01H 6/14 (2018.01)

A01H 1/00 (2006.01)

A01H 5/10 (2018.01)

A01H 5/12 (2018.01)

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(71) OncoC4, Inc.

(11) AU-A-2023203169

(21) 2023203169 (22) 19.05.2023

(54) Chimeric and humanized anti-human CTLA4 monoclonal antibodies and uses thereof

(51) Int. Cl.

C07K 16/00 (2006.01)

A61K 39/00 (2006.01)

A61K 39/395 (2006.01)

C12P 21/08 (2006.01)

(43) 15.06.2023

(62) 2016370648

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(74) Spruson & Ferguson

(71) OXTI CORPORATION

(11) AU-A-2021277654

(21) 2021277654 (22) 30.11.2021

(54) STERILIZATION BAG

(51) Int. Cl.

A61L 2/10 (2006.01)

A45C 15/06 (2006.01)

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(74) Alfred Lei

(71) Panbela Therapeutics, Inc.

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(21) 2023203254 (22) 24.05.2023

(54) Methods for producing (6S,15S)-3,8,13,18-tetraaicosane-6,15-diol

(51) Int. Cl.

C07D 239/70 (2006.01)

C07D 403/14 (2006.01)

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(74) FB Rice Pty Ltd

Perry, K. see PINNACLE SCIENCE LABORATORIES (AUSTRALIA) PTY. LTD.

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(71) Pfizer Inc.

(11) AU-A-2023203205

(21) 2023203205 (22) 22.05.2023

(54) Antibody Purification

(51) Int. Cl.

C07K 16/06 (2006.01)

C07K 1/16 (2006.01)

C07K 16/28 (2006.01)

(43) 15.06.2023

(62) 2019228377

(72) ISKRA, Timothy; SACRAMO, Ashley Margaret

(74) Davies Collison Cave Pty Ltd

(71) Phillips, M.

(11) AU-A-2022279487

(21) 2022279487 (22) 01.12.2022

(54) Traffic signage apparatus

(51) Int. Cl.

G08G 1/09 (2006.01)

G08B 5/00 (2006.01)

G09F 9/30 (2006.01)

G09F 13/22 (2006.01)

(31) 2021903882 (32) 01.12.21 (33) AU

(43) 15.06.2023

(72) Phillips, Mark

(74) Gorton IP

(71) Physical 2 Digital Limited

(11) AU-A-2023203160

(21) 2023203160 (22) 19.05.2023

(54) Seal delivery tracking system

(51) Int. Cl.

G06Q 10/08 (2023.01)

G09F 3/03 (2006.01)

(43) 15.06.2023

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(72) HILLSLEY, Ethan; HILLSLEY, Barrington

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(71) PINNACLE SCIENCE LABORATORIES (AUSTRALIA) PTY. LTD.; Perry, K.

(11) AU-A-2023201813

(21) 2023201813 (22) 23.03.2023

(54) 1250ML Square Bottle

(51) Int. Cl.

B65D 23/10 (2006.01)

B65D 1/02 (2006.01)

B65D 1/42 (2006.01)

B65D 23/00 (2006.01)

(31) 137006

(32) 22.09.21 (33) VN

(43) 15.06.2023

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(54) Engineered meganucleases with recognition sequences found in the human T cell receptor alpha constant region gene

(51) Int. Cl.

C12N 9/22 (2006.01)

A61K 38/00 (2006.01)

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President and Fellows of Harvard College see The Broad Institute, Inc.

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(71) Proda Biotech LLC

(11) AU-A-2023203255

(21) 2023203255 (22) 24.05.2023

(54) Molecules disrupting pyruvate kinase M2 and integrin interaction and uses thereof

(51) Int. Cl.

C07K 14/515 (2006.01)

A61K 39/395 (2006.01)

C07K 16/40 (2006.01)

(43) 15.06.2023

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(72) Liu, Zhi-ren; Li, Liangeiwei; Zhang, Yinwei

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 (54) Heterocyclic and heteroaryl compounds for treating Huntington's disease
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/28 (2006.01)
C07D 491/04 (2006.01)
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 (54) Methods And Materials For GALGT2 Gene Therapy
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C12N 15/63 (2006.01)
C12N 15/113 (2010.01)
C12N 15/64 (2006.01)
C12N 15/85 (2006.01)
C12N 15/86 (2006.01)
C12Q 1/68 (2018.01)
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 (51) Int. Cl.
B23Q 11/00 (2006.01)
B23B 45/00 (2006.01)
B23B 47/34 (2006.01)
B23B 51/12 (2006.01)
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 (72) REYNOLDS, Frank
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 (54) Method and system for providing a multi-dimensional human resource allocation adviser
 (51) Int. Cl.
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 (54) Gas Shutoff Valve
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F16K 31/44 (2006.01)
F16K 17/36 (2006.01)
F17C 13/12 (2006.01)
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 (51) Int. Cl.
B60B 27/00 (2006.01)
B60T 8/32 (2006.01)
B60T 17/22 (2006.01)
F16D 66/00 (2006.01)
B60T 8/17 (2006.01)
G01D 5/12 (2006.01)
 (31) 2021903856 (32) 29.11.21 (33) AU
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 (51) Int. Cl.
G06Q 10/10 (2023.01)
G06Q 30/02 (2023.01)
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F01D 19/02 (2006.01)
F01D 21/12 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) Propeller
 (51) Int. Cl.
B63H 1/26 (2006.01)
F01D 5/14 (2006.01)
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 (54) DETECTION SYSTEM AND METHOD FOR MARK GAS OF COAL SPONTANEOUS IGNITION AND GAS STORAGE DEVICE
 (51) Int. Cl.

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F17C 1/00 (2006.01)
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(54) Method and apparatus for identifying properties of a vehicle
(51) Int. Cl.
B61L 29/28 (2006.01)
B61L 29/30 (2006.01)
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(54) Closed system catheter
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A61M 25/00 (2006.01)
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(54) Audio response playback
(51) Int. Cl.
H04R 3/00 (2006.01)
G11B 27/00 (2006.01)
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(54) A Roller Door Track Assembly
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E06B 9/58 (2006.01)

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(54) New use of R- salbutamol for treatment of inflammatory bowel disease and its extra intestinal manifestations
(51) Int. Cl.
A61K 31/137 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
A61P 25/00 (2006.01)
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(72) Tan, Wen
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A61K 31/137 (2006.01)
A61P 1/00 (2006.01)
A61P 1/04 (2006.01)
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(54) METHOD FOR OUTPUT LAYER SET MODE
(51) Int. Cl.
H04B 1/66 (2006.01)
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(54) Antimicrobial compounds and nano-structures
(51) Int. Cl.
A61K 31/787 (2006.01)
A61K 31/795 (2006.01)
C08F 120/34 (2006.01)
C08F 120/56 (2006.01)

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(72) MONTEIRO, Michael; ARMSTRONG, Jason W.
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(54) SYSTEMS, METHODS, AND COMPOSITIONS FOR TARGETED NUCLEIC ACID EDITING
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A61K 38/43 (2006.01)
C12N 9/16 (2006.01)
C12N 15/09 (2006.01)
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(54) Gene Therapy For Treating Familial Hypercholesterolemia
(51) Int. Cl.
C12N 15/86 (2006.01)
A61K 48/00 (2006.01)
C07K 14/705 (2006.01)
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(72) Wilson, James M.; Rader, Daniel J.
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B63B 1/24 (2020.01)
B63B 1/32 (2006.01)
B63B 1/34 (2006.01)
B63H 5/08 (2006.01)
B63H 5/14 (2006.01)
B63H 5/16 (2006.01)
B63B 1/28 (2006.01)
B63B 39/06 (2006.01)
B63H 1/28 (2006.01)
B63H 5/125 (2006.01)
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(43) 15.06.2023
(72) Tse, Kwong
(74) Kwong Wang Tse

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(11) AU-A-2022279385
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(54) Airline Peer-To-Peer Data Transfer System
 (51) Int. Cl.
H04W 4/42 (2018.01)
G06Q 10/02 (2012.01)
G06Q 30/02 (2012.01)
H04W 4/80 (2018.01)
H04W 84/18 (2009.01)
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 (51) Int. Cl.
A47G 19/12 (2006.01)
F25D 3/08 (2006.01)
F28D 1/02 (2006.01)
F28D 1/053 (2006.01)
F28D 7/10 (2006.01)
F28D 7/16 (2006.01)
F28D 21/00 (2006.01)
F28F 9/00 (2006.01)
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 (62) 2016261596,2020204598
 (72) Rosenblum, Reut; Rozenblum, Eli; Van Dijk, Yedidya Yochai
 (74) A.P.T. Patent and Trade Mark Attorneys

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 (51) Int. Cl.
F24F 11/86 (2018.01)
F24F 11/64 (2018.01)
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 (54) Handover Based on Predicted Network Conditions
 (51) Int. Cl.
H04B 7/185 (2006.01)
H04B 7/204 (2006.01)

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 (72) TREESH, Frederick
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 (21) 2023203201 (22) 22.05.2023
 (54) Antibodies against SARS-CoV-2 and methods of using the same
 (51) Int. Cl.
C07K 16/10 (2006.01)
A61K 39/395 (2006.01)
A61P 31/14 (2006.01)
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 (72) CORTI, Davide; FINK, Katja; BELTRAMELLO, Martina; CAMERONI, Elisabetta; PINTO, Dora; SNELL, Gyorgy; LEMPP, Florian A.; TELENTI, Amalio
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 (54) A method for the continuous generation and harvesting of biothermal energy
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C12M 1/00 (2006.01)
F24V 30/00 (2018.01)
B01J 27/14 (2006.01)
B01J 35/00 (2006.01)
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 (72) Bellamy, Kenneth Michael
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) VSPHarmtech
 (11) AU-A-2022203495
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 (54) Method for preparing single isomer of 1-(1-(2-benzylphenoxy)propan-2-yl)-2-methylpiperidine in high-purity
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C07D 211/14 (2006.01)
A61K 31/4453 (2006.01)
 (31) 10-2021-0169203 (32) 30.11.21 (33) KR
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 (74) James & Wells Intellectual Property

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 (54) Innovative Water Seal for Leg Prosthetic
 (51) Int. Cl.
A61F 2/80 (2006.01)
A61F 2/60 (2006.01)
A61F 2/50 (2006.01)
A61F 2/78 (2006.01)
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 (72) Walliwala Gamage, Nethmini
 (74) Nethmini Walliwala Gamage

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 (11) AU-A-2023203223
 (21) 2023203223 (22) 23.05.2023
 (54) Attachment assembly and ground engaging assembly for earthmoving equipment
 (51) Int. Cl.
E02F 9/28 (2006.01)
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 (72) THOMSON, Andrew; MCDONALD, Bruce; CHAPMAN, Kevin
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 (54) Systems and methods for quantifying caloric values for a plurality of different caloric food categories
 (51) Int. Cl.
G09B 19/00 (2006.01)
A23L 33/00 (2016.01)
A23L 35/00 (2016.01)
B65D 5/42 (2006.01)
 (43) 15.06.2023
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 (72) WILSON, Joshua P.
 (74) Spruson & Ferguson

(71) Yuhan Corporation
 (11) AU-A-2023203121
 (21) 2023203121 (22) 18.05.2023
 (54) Method for producing dual function proteins and its derivatives
 (51) Int. Cl.
C12P 21/00 (2006.01)
C07K 14/50 (2006.01)
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C07K 14/605 (2006.01)
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 (74) FB Rice Pty Ltd

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2022279448	Globeride, Inc.	2023203242	Sharrow Engineering LLC
2022279485	Walliwala Gamage, N.	2023203244	Komatsu Ltd.
2022279487	Phillips, M.	2023203245	Garock Pty Ltd
2022279498	Nunhems B.V.	2023203246	Auspex Pharmaceuticals, Inc.
2022279511	Nunhems B.V.	2023203247	Centogene GmbH
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2023201657	The Trustees of The University of Pennsylvania	2023203254	Panbela Therapeutics, Inc.
2023201781	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2023203255	Proda Biotech LLC
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2023202191	Rovi Guides, Inc.		
2023202231	Tan, W.		
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2023202955	Selecta Biosciences, Inc.		
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 (54) Microwave egg pasteurization method and apparatus
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 A23B 5/005 (2006.01)
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 A23L 3/01 (2006.01)
 A23L 3/18 (2006.01)
 H05B 6/78 (2006.01)
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 (45) 15.06.2023
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 (74) BRM Patent Attorneys Pty Ltd

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 (54) Pesticide formulation comprising spinosad and s-methoprene
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 A01N 37/36 (2006.01)
 A01P 7/04 (2006.01)
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 (54) Pesticide formulation comprising spinosad and s-methoprene
 (51) Int. Cl.
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<p>(71) 10X GENOMICS, INC. (11) AU-A-2021376399 (21) 2021376399 (22) 05.11.2021 (54) COMPOSITIONS AND METHODS FOR BINDING AN ANALYTE TO A CAPTURE PROBE (51) Int. Cl. C12Q 1/6837 (2018.01) (87) WO2022/099037 (31) 63/110,749 (32) 06.11.20 (33) US (43) 12.05.2022 (72) CHEW, Jennifer; STOECKIUS, Marlon (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) 360 HIP SYSTEMS PTY LIMITED (11) AU-A-2021376536 (21) 2021376536 (22) 02.11.2021 (54) CALCULATING RANGE OF MOTION (51) Int. Cl. G06T 17/20 (2006.01) A61B 5/11 (2006.01) A61B 34/10 (2016.01) A61F 2/30 (2006.01) (87) WO2022/094656 (31) 2020904002 (32) 03.11.20 (33) AU (43) 12.05.2022 (72) MILES, Brad Peter; TWIGGS, Joshua (74) FB Rice Pty Ltd</p>	<p>(51) Int. Cl. A61B 5/145 (2006.01) (87) WO2022/147329 (31) 63/132,075 (32) 30.12.20 (33) US 63/182,511 30.04.21 US (43) 07.07.2022 (72) MITCHELL, Steven; SIMMONS, Matthew (74) FPA Patent Attorneys Pty Ltd</p>
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<p>(71) 1E THERAPEUTICS, LTD. (11) AU-A-2021374966 (21) 2021374966 (22) 09.11.2021 (54) CATALYTIC SEQUENCE BASED METHODS OF TREATING OR PREVENTING BACTERIAL INFECTIONS (51) Int. Cl. C12N 15/113 (2010.01) A61K 31/43 (2006.01) A61K 31/431 (2006.01) A61K 31/711 (2006.01) A61K 31/7115 (2006.01) A61P 31/04 (2006.01) (87) WO2022/097157 (31) 63/111,118 (32) 09.11.20 (33) US (43) 12.05.2022 (72) BACHELET, Ido; HOROWITZ, Almogit; ROSENBERG, Alexander; SHAPIRO, Anastasia; OSHRI, Ron; KOLODKIN-GAL, Ilana; LEVY-ZAMIR, Adva; KRIEGER, Gat; GILLIS, Ella; ITTAH, Shmulik (74) Griffith Hack</p>	<p>(71) 7DYNAMICS, LLC (11) AU-A-2021374596 (21) 2021374596 (22) 02.11.2021 (54) SCREEN AND SCREEN RETENTION SYSTEM FOR A SHALE SHAKER (51) Int. Cl. B07B 1/42 (2006.01) B07B 1/46 (2006.01) B07B 1/48 (2006.01) E21B 21/06 (2006.01) (87) WO2022/098658 (31) 63/111,411 (32) 09.11.20 (33) US (43) 12.05.2022 (72) GARZA, Carlos (74) Dark IP</p>	<p>(71) ABB SCHWEIZ AG (11) AU-A-2021363036 (21) 2021363036 (22) 01.10.2021 (54) ELECTRICAL SUBSTATION, A METHOD OF OPERATING THEREOF, AND A USE THEREOF (51) Int. Cl. H02J 9/06 (2006.01) H02H 3/06 (2006.01) H02J 11/00 (2006.01) (87) WO2022/078779 (31) 20201327.2 (32) 12.10.20 (33) EP (43) 21.04.2022 (72) SIMIC, Victor; FOUTHIER, Frank; TIFFERT, Florian; HERTENSTEIN, Joerg (74) FB Rice Pty Ltd</p>
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DANIELS, Matthew, H.; WYNN,
Thomas, Andrew; SPARLING, Brian,
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KLINGER, Mark; RUBIN, Ben
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- (54) IMPACTOR
- (51) Int. Cl.
A61B 17/92 (2006.01)
A61F 2/46 (2006.01)
B25D 11/06 (2006.01)
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C09C 1/48 (2006.01)
B01D 53/62 (2006.01)
C01B 32/50 (2017.01)
C25B 1/135 (2021.01)
C25B 9/00 (2021.01)
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C07K 16/28 (2006.01)
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TESAR, Michael; DULAT, Holger; BRE-
UNIG, Christian; PETERS, Eike; ELL-
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USCH, Uwe; PAHL, Jens
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INC.; AGC VIDROS DO BRASIL LTDA
- (11) AU-A-2021376898
- (21) 2021376898 (22) 16.11.2021
- (54) ANTENNA ARRANGEMENT
- (51) Int. Cl.
H01Q 1/12 (2006.01)
H01Q 1/38 (2006.01)
H01Q 1/42 (2006.01)
H01Q 9/04 (2006.01)
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A01P 19/00 (2006.01)
A01M 1/00 (2006.01)
A01M 1/02 (2006.01)
A01N 25/00 (2006.01)
A01N 25/10 (2006.01)
A01N 31/00 (2006.01)
C08L 23/06 (2006.01)
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A61K 38/08 (2019.01)
A61K 8/64 (2006.01)
A61K 31/01 (2006.01)
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A61K 36/28 (2006.01)
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John A.
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A61F 2/16 (2006.01)
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 (54) NON-CONTACT WIDE ANGLE RETINA VIEWING SYSTEM
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A61B 3/13 (2006.01)
A61B 3/14 (2006.01)
G02B 21/00 (2006.01)
G02B 21/24 (2006.01)
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 (51) Int. Cl.
G06T 11/00 (2006.01)
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H04N 1/62 (2006.01)
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 (54) OXINDOLES AND METHODS OF USE THEREOF
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C07D 209/96 (2006.01)
A61K 31/53 (2006.01)
A61P 3/00 (2006.01)
C07D 403/12 (2006.01)
C07D 413/12 (2006.01)
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 (54) CONJUGATES OF S-ANTIGEN TRANSPORT INHIBITING OLIGONUCLEOTIDE POLYMERS HAVING ENHANCED LIVER TARGETING
 (51) Int. Cl.

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 (54) BICYCLIC PYRIDAZINONES AS THYROID HORMONE RECEPTOR BETA (TR-BETA) AGONISTS
 (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/53 (2006.01)
A61P 1/16 (2006.01)
A61P 5/16 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/53 (2006.01)
A61P 3/00 (2006.01)
C07D 213/69 (2006.01)
C07D 413/12 (2006.01)
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 (54) PYRIDAZINONE DERIVATIVES AS THYROID RECEPTOR AGONISTS AND USES THEREOF
 (51) Int. Cl.
A61P 5/00 (2006.01)
A61K 31/53 (2006.01)
A61P 9/00 (2006.01)
A61P 35/00 (2006.01)
C07D 403/12 (2006.01)
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 (54) CONJUGATES OF S-ANTIGEN TRANSPORT INHIBITING OLIGONUCLEOTIDE POLYMERS HAVING ENHANCED LIVER TARGETING
 (51) Int. Cl.

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A61K 47/54 (2017.01)
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A61K 47/60 (2017.01)
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G01R 31/28 (2006.01)
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A61N 5/10 (2006.01)
A61B 17/34 (2006.01)
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A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/107 (2006.01)
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A61G 12/00 (2006.01)
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(54) COMPUTER SURROGATE MODEL TO PREDICT THE SINGLE-PHASE MIXING QUALITY IN STEADY STATE MIXING TANKS
(51) Int. Cl.
B01F 35/22 (2022.01)
B01F 27/808 (2022.01)
B01F 35/71 (2022.01)
G06F 30/28 (2020.01)
G06F 30/30 (2020.01)
G06N 3/08 (2023.01)
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E02F 3/40 (2006.01)
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F16K 31/12 (2006.01)
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F16K 31/122 (2006.01)
F16K 31/126 (2006.01)
F16K 37/00 (2006.01)
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G06Q 10/06 (2023.01)
G06Q 50/30 (2012.01)
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A61K 31/11 (2006.01)
A61K 31/437 (2006.01)
A61K 31/505 (2006.01)
A61K 36/9066 (2006.01)
A61P 17/00 (2006.01)
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C07D 239/48 (2006.01)
A61K 31/505 (2006.01)
A61P 35/00 (2006.01)
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(31) PCT/ (32) 27.11.20 (33) CN
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 (54) A METHOD FOR REDUCING ALLERGENS
 (51) Int. Cl.
A61K 31/4188 (2006.01)
A61P 37/08 (2006.01)
B01D 53/72 (2006.01)
C07D 487/04 (2006.01)
 (87) WO2022/074393
 (31) 2015926.5 (32) 07.10.20 (33) GB
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 (43) 14.04.2022
 (72) COULSTON, Roger James; HOWE, Andrew Michael; LENDERYOU, Jessica Alice; ESSELIN, Nicolas Serge Jacky
 (74) FB Rice Pty Ltd

(71) ARDENT LIMITED
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 (54) PRESSURISED CONTAINER
 (51) Int. Cl.
A62C 13/76 (2006.01)
A62C 13/64 (2006.01)
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 (31) 2016704.5 (32) 21.10.20 (33) GB
 (43) 28.04.2022
 (72) MALEWSKI, Matthew; CHAN, Jackie
 (74) FB Rice Pty Ltd

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 (21) 2021397789 (22) 10.12.2021
 (54) GRANULIN MODULATORS AND METHODS OF USING THE SAME
 (51) Int. Cl.
C07D 405/06 (2006.01)
A61K 31/4725 (2006.01)
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A61K 31/5383 (2006.01)
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A61P 3/00 (2006.01)
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 (54) NOVEL CHOLESTEROL-ENRICHED MILK LIPID COMPOSITION SUITABLE FOR INFANT NUTRITION, METHOD OF PRODUCTION, AND NUTRITIONAL COMPOSITIONS COMPRISING THE MILK LIPID COMPOSITION
 (51) Int. Cl.
A23C 9/142 (2006.01)
A23L 33/00 (2016.01)
A23L 33/115 (2016.01)
 (87) WO2022/112552
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 (21) 2021366749 (22) 12.10.2021
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 (51) Int. Cl.
C12G 3/06 (2006.01)
A23L 2/00 (2006.01)
A23L 2/56 (2006.01)
A23L 27/00 (2016.01)
A23L 27/20 (2016.01)
C12C 5/02 (2006.01)
C12G 3/021 (2019.01)
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A61K 38/20 (2006.01)
A61K 47/68 (2017.01)
 (87) WO2022/087458
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 (74) Griffith Hack

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C07K 16/28 (2006.01)
A61K 31/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (31) 63/090,441 (32) 12.10.20 (33) US
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) BICYCLIC COMPOUNDS AND USES THEREOF FOR THE TREATMENT OF DISEASES
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A61K 31/439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/4545 (2006.01)
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 (72) KAWAS, Leen; CHURCH, Kevin; TAYLOR, Robert; JOHNSTON, Jewel; BOATMAN, Douglas
 (74) Davies Collison Cave Pty Ltd

(71) AUBURN UNIVERSITY; MERCER UNIVERSITY
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 (54) TWO-DIMENSIONAL-MATERIAL-BASED FIELD-EFFECT TRANSDUCER FOR DETECTION OF PATHOGENS AND METHODS FOR MANUFACTURING
 (51) Int. Cl.
G01N 27/414 (2006.01)
B82Y 15/00 (2011.01)
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A01K 67/033 (2006.01)
C12N 5/00 (2006.01)
G01N 33/50 (2006.01)
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 (21) 2021384762 (22) 07.10.2021
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B41M 5/52 (2006.01)
B44F 1/04 (2006.01)
C08J 5/18 (2006.01)
B41M 5/50 (2006.01)
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 (54) HIGH-THROUGHPUT SCREENING APPARATUS
 (51) Int. Cl.
G01N 35/02 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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A61K 48/00 (2006.01)
C12N 15/86 (2006.01)
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E02F 9/28 (2006.01)
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 (51) Int. Cl.
A61K 31/165 (2006.01)
A61P 1/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (21) 2021363702 (22) 20.10.2021
 (54) COMPOUNDS AND METHODS FOR THE TREATMENT OF OCULAR DISORDERS
 (51) Int. Cl.
A61P 17/00 (2006.01)
A61P 27/02 (2006.01)
C07D 413/14 (2006.01)
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 (54) COMPOUNDS AND METHODS FOR THE TREATMENT OF OCULAR DISORDERS
 (51) Int. Cl.
C07K 5/06 (2006.01)
A61K 31/44 (2006.01)
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 (54) COMPOUNDS AND METHODS FOR THE TREATMENT OF OCULAR DISORDERS
 (51) Int. Cl.
A61K 31/472 (2006.01)
A61K 31/4725 (2006.01)
A61P 27/02 (2006.01)
C07D 217/02 (2006.01)
C07D 217/04 (2006.01)
C07D 405/06 (2006.01)
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 (54) MARINE COATING COMPOSITION
 (51) Int. Cl.
C09D 5/16 (2006.01)
C09D 5/10 (2006.01)
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A61M 39/02 (2006.01)
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 (51) Int. Cl.
 G02C 7/02 (2006.01)
 G02C 7/04 (2006.01)
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 (54) [(1,5-DIHETEROARYL-1H-1,2,4-TRIAZOL-3-YL)OXY] ACETIC ACID DERIVATIVES AS SAFENERS FOR THE PROTECTION OF USEFUL PLANTS AND CROP PLANTS
 (51) Int. Cl.
 C07D 401/14 (2006.01)
 A01N 43/653 (2006.01)
 (87) WO2022/096449
 (31) 20206037.2 (32) 05.11.20 (33) EP
 (43) 12.05.2022
 (72) MÜLLER, Thomas; HELMKE, Hendrik; DITTGEN, Jan
 (74) Davies Collison Cave Pty Ltd

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 (54) USE OF [(1,5-DIPHENYL-1H-PYRAZOL-3-YL)OXY] ACETIC ACID DERIVATIVES AND THEIR SALTS AND COMPOSITIONS CONTAINING THEM, FOR REDUCING PHYTOXIC EFFECTS OF AGROCHEMICALS, IN PARTICULAR OF HERBICIDES, IN USEFUL PLANTS AND CROP PLANTS
 (51) Int. Cl.
 C07D 231/22 (2006.01)
 A01N 25/32 (2006.01)
 A01N 43/56 (2006.01)
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 (54) [(1-PHENYL-5-(HETEROARYL)-1H-1,2,4-TRIAZOL-3-YL)OXY] ACETIC ACID DERIVATIVES AS SAFENERS FOR THE PROTECTION OF USEFUL PLANTS AND CROP PLANTS
 (51) Int. Cl.
 C07D 401/04 (2006.01)
 A01N 43/653 (2006.01)
 C07D 405/14 (2006.01)
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 (54) [(5-PHENYL-5-HETEROARYL-1H-PYRAZOL-3-YL)OXY] ACETIC ACID DERIVATIVES AS SAFENERS FOR THE PROTECTION OF USEFUL PLANTS AND CROP PLANTS
 (51) Int. Cl.
 C07D 401/04 (2006.01)
 A01N 43/56 (2006.01)
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 (43) 12.05.2022
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 (54) ADDITIVES FOR REDUCING NON-SPECIFIC INTERACTIONS BETWEEN FLUORESCENT POLYMER CONJUGATES AND CELLS IN A BIOLOGICAL SAMPLE
 (51) Int. Cl.
 G01N 33/569 (2006.01)
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 (74) AJ PARK

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 (21) 2021370473 (22) 19.10.2021
 (54) CATHETER SYSTEM INSERT
 (51) Int. Cl.
 A61B 5/15 (2006.01)
 A61M 39/04 (2006.01)
 A61M 39/06 (2006.01)
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 (72) CHEN, Xiwei; YAN, Bo
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 (54) MEDICAL DEVICE WITH AUDIO OUTPUT FOR USE IN A STERILE FIELD
 (51) Int. Cl.
 H04R 1/02 (2006.01)
 H04R 1/08 (2006.01)
 H04R 1/28 (2006.01)
 H04R 5/02 (2006.01)
 H04R 9/06 (2006.01)
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 (11) AU-A-2021378263
 (21) 2021378263 (22) 09.11.2021
 (54) VIAL ADAPTER WITH AIR MANAGEMENT DEVICE
 (51) Int. Cl.
 A61J 1/20 (2006.01)
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 (31) 63/111,681 (32) 10.11.20 (33) US
 (43) 19.05.2022
 (72) MARICI, Paul, Paia
 (74) FB Rice Pty Ltd

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 (11) AU-A-2021380713
 (21) 2021380713 (22) 09.11.2021
 (54) CATHETER PLACEMENT SYSTEM
 (51) Int. Cl.
 A61M 25/00 (2006.01)
 A61B 17/00 (2006.01)
 A61F 2/00 (2006.01)
 A61F 2/04 (2013.01)
 (87) WO2022/103719
 (31) 63/113,055 (32) 12.11.20 (33) US
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 (54) SINGLE-USE ADAPTER ATTACHED TO DRUG/VACCINE VIALS COMPATIBLE WITH HYPODERMIC NEEDLES TO ENABLE INJECTION
 (51) Int. Cl.
 A61M 11/00 (2006.01)
 A61M 15/08 (2006.01)
 B05B 1/00 (2006.01)
 B05B 11/00 (2023.01)

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(72) LEE, Guan Bin
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(21) 2021378007 **(22)** 04.11.2021
(54) DISPLAY METHOD AND APPARATUS FOR HOTSPOT LIST, ELECTRONIC DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
H04N 21/431 (2011.01)
(87) WO2022/100513
(31) 202011255844.2 **(32)** 11.11.20 **(33)** CN
(43) 19.05.2022
(72) DONG, Zesong; WANG, Qi; WANG, Xiaolu
(74) Griffith Hack
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- (71)** BELKIN VISION LTD.
(11) AU-A-2021369792
(21) 2021369792 **(22)** 25.10.2021
(54) AVOIDING BLOOD VESSELS DURING DIRECT SELECTIVE LASER TRABECULOPLASTY
(51) Int. Cl.
A61F 9/008 (2006.01)
A61B 90/00 (2016.01)
G06T 7/13 (2017.01)
H01S 3/10 (2006.01)
H01S 3/13 (2006.01)
(87) WO2022/090894
(31) 63/105,388 **(32)** 26.10.20 **(33)** US
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(43) 05.05.2022
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** BERRY GLOBAL, INC.
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(21) 2021379754 **(22)** 13.11.2021
(54) BREATHABLE BARRIER LAMINATE
(51) Int. Cl.
B32B 5/02 (2006.01)
B32B 7/14 (2006.01)
B32B 27/12 (2006.01)
B32B 27/20 (2006.01)
B32B 27/32 (2006.01)
B32B 27/34 (2006.01)
B32B 27/36 (2006.01)
(87) WO2022/104162
(31) 202011268918.6 **(32)** 13.11.20 **(33)** CN
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(43) 19.05.2022
(72) JIN, Yongji; GAO, Junying; FANG, Minglan
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71)** BETOLAR OY
(11) AU-A-2021365401
(21) 2021365401 **(22)** 21.10.2021
(54) METHOD FOR THE TREATMENT OF WASTE MATERIAL, ARRANGEMENT AND CONSOLIDATING BINDER
(51) Int. Cl.
C04B 11/05 (2006.01)
C04B 11/26 (2006.01)
C04B 18/12 (2006.01)
C04B 28/14 (2006.01)
C04B 28/16 (2006.01)
(87) WO2022/084588
(31) 20206042 **(32)** 21.10.20 **(33)** FI
(43) 28.04.2022
(72) LEPPÄNEN, Juha; PIISPANEN, Mirja; LAITINEN, Ari; KIVENTERÄ, Jenni; YLITALO, Kari; KORPPI, Maria
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- (71)** BIOFRONTERA PHARMA GMBH
(11) AU-A-2021359734
(21) 2021359734 **(22)** 11.10.2021
(54) ILLUMINATION DEVICE FOR PHOTODYNAMIC THERAPY, METHOD FOR TREATING A SKIN DISEASE AND METHOD FOR OPERATING AN ILLUMINATION DEVICE
(51) Int. Cl.
A61N 5/06 (2006.01)
(87) WO2022/078955
(31) 17/071,496 **(32)** 15.10.20 **(33)** US
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(43) 21.04.2022
(72) OSTERLOH, Markus; NOVAK, Ben; LÜBBERT, Hermann
(74) Spruson & Ferguson
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(21) 2021376893 **(22)** 15.11.2021
(54) ENHANCED FORMULATION STABILIZATION AND IMPROVED LYOPHILIZATION PROCESSES
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 9/19 (2006.01)
A61K 39/00 (2006.01)
A61P 31/14 (2006.01)
(87) WO2022/101461
(31) 63/114,478 **(32)** 16.11.20 **(33)** US
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(43) 19.05.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021379090
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(54) LNP COMPOSITIONS COMPRISING RNA AND METHODS FOR PREPARING, STORING AND USING THE SAME
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 9/19 (2006.01)
A61K 39/00 (2006.01)
A61P 31/14 (2006.01)
(87) WO2022/101470
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(43) 19.05.2022
(72) PANZNER, Steffen; SAHIN, Ugur; KRIJGER, Jorrit-Jan; THANKI, Kaushik; BHATNAGAR, Bakul Subodh; DARVARI, Ramin; LUTHRA, Sumit; TCHES-SALOV, Serguei
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** BIONTECH SE
(11) AU-A-2021380033
(21) 2021380033 **(22)** 15.11.2021
(54) COMPOSITIONS AND METHODS FOR STABILIZATION OF LIPID NANOPARTICLE MRNA VACCINES
(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 9/19 (2006.01)
A61K 39/00 (2006.01)
A61P 31/14 (2006.01)
(87) WO2022/101469
(31) 63/114,478 **(32)** 16.11.20 **(33)** US
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(54) TREATMENT OF BIPOLAR DISORDERS AND PSYCHOSIS USING DEXMEDETOMIDINE HYDROCHLORIDE
(51) Int. Cl.
A61K 31/4174 (2006.01)
A61K 9/00 (2006.01)
A61K 45/06 (2006.01)
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B60L 5/40 (2006.01)
B60L 5/19 (2006.01)
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(51) Int. Cl.
B60L 5/40 (2006.01)
B60L 5/04 (2006.01)
B60L 5/36 (2006.01)
B60M 1/34 (2006.01)
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CULTURE SYSTEM
(51) Int. Cl.
A61K 35/17 (2015.01)
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A61K 35/35 (2015.01)
A61P 35/00 (2006.01)
C12N 5/077 (2010.01)
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ITIONS FOR PANCREATIC DUCTAL
ADENOCARCINOMA TREATMENT
(51) Int. Cl.
A61K 31/422 (2006.01)
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G01B 11/27 (2006.01)
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A61M 5/20 (2006.01)
A61F 9/00 (2006.01)
A61M 5/31 (2006.01)
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C08L 23/08 (2006.01)
C08F 2/00 (2006.01)
C08F 210/16 (2006.01)
C08K 3/22 (2006.01)
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REARING UNIT FOR REARING OF
INSECTS OR INSECT LARVAE OR
WORMS
(51) Int. Cl.
B65G 1/04 (2006.01)
A01K 67/033 (2006.01)
B65G 1/14 (2006.01)
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A45C 11/00 (2006.01)
A45F 5/00 (2006.01)
H04B 1/3888 (2015.01)
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(72) CAMM, Amelia Peta
(74) TJP Patents, Trade Marks & Designs
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(51) Int. Cl.
A61B 5/00 (2006.01)
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(54) SYSTEMS, DEVICES AND METH-
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A61F 2/24 (2006.01)
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 A61K 9/00 (2006.01)
 A61K 31/05 (2006.01)
 A61K 47/06 (2006.01)
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 C07C 39/23 (2006.01)
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 (74) James & Wells Intellectual Property
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 (21) 2021368555 (22) 26.10.2021
 (54) REAL TIME DETECTION AND MONITORING OF FLUID VOLUME AND FLOW RATE
 (51) Int. Cl.
 A61M 5/14 (2006.01)
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 (21) 2021368594 (22) 28.10.2021
 (54) SYSTEMS AND APPARATUS FOR DRIP RATE MEASUREMENT FOR MEDICAL FLUID ADMINISTRATION
 (51) Int. Cl.
 A61M 5/14 (2006.01)
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 G08B 25/00 (2006.01)
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 (54) AUTO-PROGRAMMING REQUEST REJECTION REDUCTION
 (51) Int. Cl.
 G16H 20/10 (2018.01)
 G16H 20/17 (2018.01)
 G16H 40/60 (2018.01)
 G16H 40/63 (2018.01)
 G16H 40/67 (2018.01)
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 A61M 5/162 (2006.01)
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 (54) APPARATUS FOR PREPARING A TISSUE GRAFT
 (51) Int. Cl.
 A61B 17/322 (2006.01)
 A61B 17/42 (2006.01)
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 (21) 2021382173 (22) 18.11.2021
 (54) CHIMERIC ANTIGEN RECEPTOR T CELL AND METHOD
 (51) Int. Cl.
 C07K 16/30 (2006.01)
 A61K 35/17 (2015.01)
 A61P 35/04 (2006.01)
 C07K 14/485 (2006.01)
 C07K 14/705 (2006.01)
 C07K 14/725 (2006.01)
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 (51) Int. Cl.
 C07C 273/16 (2006.01)
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 (51) Int. Cl.
 A61K 31/438 (2006.01)
 A61P 29/00 (2006.01)
 A61P 37/06 (2006.01)
 C07D 471/10 (2006.01)
 C07D 498/10 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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 (54) GENETICALLY MODIFIED NATURAL KILLER CELLS AND METHODS OF USE THEREOF
 (51) Int. Cl.
 A61K 35/17 (2015.01)
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 (21) 2021379610 (22) 10.11.2021
 (54) IMMUNOTHERAPY RESPONSE SIGNATURE
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 G16B 20/10 (2019.01)
 C12Q 1/6869 (2018.01)
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C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
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JOHNSON, Jennifer, Ann
(74) Spruson & Ferguson
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(21) 2021388155 (22) 24.11.2021
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EERED WITH SIGNAL MODULATORS
AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
C07K 14/54 (2006.01)
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C12N 5/0783 (2010.01)
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(54) METHOD FOR ESTIMATING A PAY-
LOAD OF A HYDRAULIC MINING
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(51) Int. Cl.
E02F 9/22 (2006.01)
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CESARZ, Arthur
(74) Patent Attorney Services
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B62D 55/20 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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AND BEARING AS A HYDRAULIC
CUSHION
(51) Int. Cl.
F15B 15/22 (2006.01)
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(54) DUST COVER FOR HAMMER WORK
TOOL
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B25D 17/00 (2006.01)
E02F 3/96 (2006.01)
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ING ADAPTERS, ADAPTER COVERS,
AND A NOTCHED BASE EDGE
(51) Int. Cl.
E02F 9/28 (2006.01)
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AND A NOTCHED BASE EDGE
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TO A WORK IMPLEMENT
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C.; YOEU, Rammagy
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CHE SCIENTIFIQUE; UNIVERSITE
CLAUDE BERNARD LYON 1
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(54) SYSTEMS FOR BUCCAL RELEASE
OF PROTEINS
(51) Int. Cl.
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A61K 9/70 (2006.01)
A61K 39/00 (2006.01)
A61K 39/35 (2006.01)
A61K 39/39 (2006.01)
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PARIS, Anne-Lise; CARIDADE, Sofia
(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021368139
(21) 2021368139 (22) 01.11.2021
(54) DIAGNOSTIC ASSAY SYSTEM WITH
REPLACEABLE PROCESSING MOD-
ULES AND REMOTE MONITORING
(51) Int. Cl.
G01N 35/00 (2006.01)
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Steven; MOTE, Gregory; BLIVEN, Brian
(74) KINGS PATENT & TRADE MARKS AT-
TORNEYS PTY LTD
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- (71) CHANGSHA HEIJINGANG INDUSTRI-
AL CO., LTD
(11) AU-A-2021363412
(21) 2021363412 (22) 13.08.2021
(54) MINING HARD ALLOY FORMULA,
MINING HARD ALLOY AND PREPAR-
ATION METHOD THEREFOR
(51) Int. Cl.
C22C 29/08 (2006.01)
C22C 1/05 (2023.01)
C22C 1/10 (2023.01)
E21B 10/46 (2006.01)
(87) WO2022/083249
(31) 202011138250.3 (32) 22.10.20 (33) CN
(43) 28.04.2022
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anglong
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CEUTICALS CO., LTD.; SHENZHEN
HYPERWAY PHARMACEUTICALS
CO., LTD.
- (11) AU-A-2021394226
(21) 2021394226 (22) 20.10.2021
(54) BENZYLAMINE OR BENZYL ALCO-
HOL DERIVATIVE AND USE THERE-
OF
- (51) Int. Cl.
C07D 213/56 (2006.01)
A61K 31/33 (2006.01)
A61K 31/44 (2006.01)
A61K 31/65 (2006.01)
A61P 29/00 (2006.01)
C07D 213/63 (2006.01)
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C06B 33/12 (2006.01)
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B33Y 10/00 (2015.01)
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B33Y 50/02 (2015.01)
G03F 7/00 (2006.01)
G03F 7/027 (2006.01)
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A23F 3/32 (2006.01)
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C07D 311/30 (2006.01)
(87) WO2022/099930
(31) 202011261866.X (32) 12.11.20 (33) CN
(43) 19.05.2022
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(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021380304 (22) 21.01.2021
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(51) Int. Cl.
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(87) WO2022/099931
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(21) 2021407403 (22) 09.07.2021
(54) CORE BARREL AND CORE DRILLING SYSTEMS AND METHODS
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E21B 25/02 (2006.01)
E21B 25/04 (2006.01)
(87) WO2022/133577
(31) 63/128,701 (32) 21.12.20 (33) US
(43) 30.06.2022
(72) SKEELS, Todd
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(21) 2021437124 (22) 17.11.2021
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(51) Int. Cl.
G06F 16/16 (2019.01)
G06F 16/176 (2019.01)
G06F 16/178 (2019.01)
(87) WO2022/211870
(31) 17/217,600 (32) 30.03.21 (33) US
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(74) FPA Patent Attorneys Pty Ltd
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(21) 2021413224 (22) 30.12.2021
(54) OXIDATIVE DELITHIATION OF ALKALI NICKEL OXIDE
(51) Int. Cl.
C01G 53/00 (2006.01)
H01M 4/00 (2006.01)
(87) WO2022/147252
(31) 63/132,319 (32) 30.12.20 (33) US
(43) 07.07.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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(51) Int. Cl.
H01M 6/50 (2006.01)
G01R 31/36 (2020.01)
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- H01M 10/42** (2006.01)
H01M 10/48 (2006.01)
H01M 50/503 (2021.01)
H01M 50/519 (2021.01)
H01R 13/639 (2006.01)
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B01B 1/00 (2006.01)
B08B 1/00 (2006.01)
B08B 11/04 (2006.01)
H01L 31/0475 (2014.01)
H01L 31/05 (2014.01)
H02S 40/10 (2014.01)
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(31) 63/113,997 (32) 16.11.20 (33) US
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F24S 40/20 (2018.01)
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H02S 20/30 (2014.01)
H02S 20/32 (2014.01)
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(11) AU-A-2021405997
(21) 2021405997 (22) 07.12.2021
(54) METHOD FOR MONITORING A SLIP-RING SEAL ASSEMBLY, AND SLIP-RING SEAL ASSEMBLY
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F16J 15/34 (2006.01)
G01M 13/005 (2019.01)
(87) WO2022/135898
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H01M 50/166 (2021.01)
H01M 50/10 (2021.01)
H01M 50/147 (2021.01)
H01M 50/148 (2021.01)
H01M 50/15 (2021.01)
H01M 50/152 (2021.01)
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 (21) 2021378802 (22) 12.11.2021
 (54) DEVICES AND METHODS FOR CONTROLLING FLUID FLOW IN A DELIVERY APPARATUS
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A61F 2/24 (2006.01)
A61F 2/95 (2013.01)
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 (31) 63/113,322 (32) 13.11.20 (33) US
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 (72) REED, Kurt Kelly
 (74) Spruson & Ferguson
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- (51) Int. Cl.
A61B 17/04 (2006.01)
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C12N 15/10 (2006.01)
C12N 15/67 (2006.01)
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 (54) TREATMENT OF GAIT DYSFUNCTION IN NEURODEGENERATIVE DISEASE
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A61P 25/28 (2006.01)
A61K 31/724 (2006.01)
A61K 45/06 (2006.01)
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 (31) 63/110,922 (32) 06.11.20 (33) US
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- (51) Int. Cl.
C07D 405/12 (2006.01)
A61K 31/538 (2006.01)
A61P 33/00 (2006.01)
A61P 33/10 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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 (11) AU-A-2021399632
 (21) 2021399632 (22) 19.11.2021
 (54) METHOD FOR DIELECTRICALLY HEATING A COMESTIBLE OBJECT, APPLIANCE, AND COMPUTER-PROGRAM PRODUCT
- (51) Int. Cl.
H05B 6/64 (2006.01)
H05B 6/68 (2006.01)
H05B 6/70 (2006.01)
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 (54) SYSTEM FOR COMPUTING NETWORK-INDEPENDENT APPLIANCE CONTROL USING NATURAL LANGUAGE PROCESSING AND USER FEEDBACK
- (51) Int. Cl.
G06F 9/445 (2018.01)
G06F 3/16 (2006.01)
G06F 40/211 (2020.01)
G10L 15/22 (2006.01)
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 (43) 16.06.2022
 (72) TAYLOR, John
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 (11) AU-A-2021359895
 (21) 2021359895 (22) 14.10.2021
 (54) POLYMORPHS OF AN FXR AGONIST
- (51) Int. Cl.
C07D 261/06 (2006.01)
A61K 31/404 (2006.01)
A61K 31/445 (2006.01)
C07D 209/02 (2006.01)
C07D 209/04 (2006.01)
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 (43) 21.04.2022
 (72) SWEETANA, Stephanie Ann; SPROULL, Steven Jerald; OWENS, Paul K.
- (74) FPA Patent Attorneys Pty Ltd
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 (21) 2020476510 (22) 13.11.2020
 (54) SYSTEM AND METHOD FOR THE ROBOTIC LOADING OF EXPLOSIVES IN UNDERGROUND MINING
- (51) Int. Cl.
E21D 9/00 (2006.01)
G05D 1/00 (2006.01)
G06T 7/20 (2017.01)
G06T 7/70 (2017.01)
H04N 13/204 (2018.01)
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(74) FB Rice Pty Ltd
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(11) AU-A-2021357810
(21) 2021357810 **(22)** 06.10.2021
(54) SYSTEM AND METHOD FOR CONTROLLING CSF FLOW AND MANAGING INTRACRANIAL PRESSURE
(51) Int. Cl.
A61M 27/00 (2006.01)
A61B 5/03 (2006.01)
A61F 7/00 (2006.01)
A61F 7/12 (2006.01)
A61M 1/00 (2006.01)
A61M 25/00 (2006.01)
(87) WO2022/076598
(31) 63/088,401 **(32)** 06.10.20 **(33)** US
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(74) RnB IP Pty Ltd
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(11) AU-A-2021358730
(21) 2021358730 **(22)** 05.10.2021
(54) APPARATUS AND METHOD FOR REDUCTION OF NEUROLOGICAL MOVEMENT DISORDER SYMPTOMS USING WEARABLE DEVICE
(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/00 (2006.01)
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(31) 17/063,363 **(32)** 05.10.20 **(33)** US
(43) 14.04.2022
(72) CARBALLO, Daniel; PINA, Kyle; DAVANZO, Allison; LUU, Trang
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(11) AU-A-2021361071
(21) 2021361071 **(22)** 15.10.2021
(54) INHALED FORMULATIONS OF PGDH INHIBITORS AND METHODS OF USE THEREOF
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 9/00 (2006.01)
A61K 9/72 (2006.01)
A61P 11/00 (2006.01)
A61P 43/00 (2006.01)
C07D 471/04 (2006.01)
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- (71)** EPIROC ROCK DRILLS AKTIEBOLAG
(11) AU-A-2021408909
- (21)** 2021408909 **(22)** 30.11.2021
(54) METHOD AND SYSTEM FOR OPTIMISING A DRILLING PARAMETER DURING AN ONGOING DRILLING PROCESS
(51) Int. Cl.
E21B 44/00 (2006.01)
E21B 1/00 (2006.01)
(87) WO2022/139654
(31) 2051524-3 **(32)** 21.12.20 **(33)** SE
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(72) GÖTHBERG, Mattias; JOHANSSON, Anders; ENBLÖM, Samuel
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- (71)** EQUALAIRE SYSTEMS, INC.
(11) AU-A-2021358114
(21) 2021358114 **(22)** 09.10.2021
(54) TRAILER TIRE INFLATION SYSTEM
(51) Int. Cl.
B60C 23/10 (2006.01)
B60S 5/04 (2006.01)
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(74) Griffith Hack
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- (71)** EQUIFAX INC.
(11) AU-A-2021379927
(21) 2021379927 **(22)** 09.11.2021
(54) MACHINE-LEARNING TECHNIQUES INVOLVING MONOTONIC RECURRENT NEURAL NETWORKS
(51) Int. Cl.
G06Q 40/02 (2023.01)
G06N 3/04 (2023.01)
G06N 3/08 (2023.01)
(87) WO2022/104329
(31) 17/094,262 **(32)** 10.11.20 **(33)** US
(43) 19.05.2022
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- (71)** ESPERA-WERKE GMBH
(11) AU-A-2021377533
(21) 2021377533 **(22)** 14.10.2021
(54) LABELLING DEVICE
(51) Int. Cl.
B65C 9/36 (2006.01)
(87) WO2022/100953
(31) 10 2020 130 225.8 **(32)** 16.11.20 **(33)** DE
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(72) WIEGEL, Mario; VINOKUROV, Artem; ZERFAß, Thorsten
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(11) AU-A-2021378392
(21) 2021378392 **(22)** 16.11.2021
(54) MEMBRANELESS ELECTROLYZERS FOR THE PRODUCTION OF ALKALINE AND ACIDIC EFFLUENT STREAMS
(51) Int. Cl.
C25B 1/50 (2021.01)
C02F 1/461 (2023.01)
C25B 1/34 (2006.01)
C25B 9/17 (2021.01)
C25B 9/60 (2021.01)
C25B 11/031 (2021.01)
(87) WO2022/104242
(31) 63/114,234 **(32)** 16.11.20 **(33)** US
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(43) 19.05.2022
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- (71)** ESSILOR INTERNATIONAL
(11) AU-A-2021403599
(21) 2021403599 **(22)** 15.12.2021
(54) SYSTEM AND METHOD FOR DETERMINING A MODIFICATION OR A CHANGE OF AN INITIAL MYOPIA CONTROL SOLUTION USED BY A MYOPIC SUBJECT
(51) Int. Cl.
A61B 3/10 (2006.01)
A61B 3/103 (2006.01)
(87) WO2022/129248
(31) 20306615.4 **(32)** 18.12.20 **(33)** EP
(43) 23.06.2022
(72) TOH, Yin Zhen Janice; PAILLE, Damien; GARCIN, Gilles
(74) Griffith Hack
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- (71)** ESSILOR INTERNATIONAL
(11) AU-A-2021403600
(21) 2021403600 **(22)** 15.12.2021
(54) SYSTEM AND METHOD FOR DETERMINING AN APPROPRIATE MOMENT FOR MODIFYING OR CHANGING AN INITIAL MYOPIA CONTROL SOLUTION
(51) Int. Cl.
G02C 7/02 (2006.01)
A61B 3/00 (2006.01)
A61F 9/00 (2006.01)
G16H 20/10 (2018.01)
G16H 20/30 (2018.01)
G16H 20/40 (2018.01)
G16H 40/63 (2018.01)
G16H 50/70 (2018.01)
(87) WO2022/129253
(31) 20306613.9 **(32)** 18.12.20 **(33)** EP
(43) 23.06.2022
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(11) AU-A-2021369644
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(54) DEVICE FOR GENERATING A JET OF TWO-PHASE FLUID

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B05B 7/04 (2006.01)
A62C 31/03 (2006.01)
B05B 1/12 (2006.01)
B05B 1/32 (2006.01)
B05B 7/12 (2006.01)
B05B 12/00 (2018.01)
- (87) WO2022/090662
(31) FR2011157 (32) 30.10.20 (33) FR
(43) 05.05.2022
(72) TESTA, Fabian; ISSLER, Thomas
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(11) AU-A-2021380881
(21) 2021380881 (22) 16.11.2021
(54) PLASTER COMPOSITION FOR FIRE RESISTANT PLASTERBOARD
- (51) Int. Cl.
C04B 28/14 (2006.01)
C04B 111/10 (2006.01)
C04B 111/28 (2006.01)
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(31) 20306392.0 (32) 17.11.20 (33) EP
(43) 27.05.2022
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021359475
(21) 2021359475 (22) 12.10.2021
(54) CRYSTAL FORM OF MULTI-SUBSTITUTED BENZENE RING COMPOUND MALEATE, AND PREPARATION METHOD THEREFOR AND USE THEREOF
- (51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/4433 (2006.01)
A61K 31/4545 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 401/14 (2006.01)
- (87) WO2022/078307
(31) 202011088764.2 (32) 13.10.20 (33) CN
(43) 21.04.2022
(72) WANG, Xufan; WENG, Qiuping; WANG, Wengui; LI, Xin; HU, Yonghan
(74) FB Rice Pty Ltd
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(21) 2021361336 (22) 25.08.2021
(54) AIR BORNE PATHOGENS DETECTION DEVICE
- (51) Int. Cl.
A61B 5/097 (2006.01)
A61B 10/00 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/04 (2006.01)
C12Q 1/70 (2006.01)
G01N 1/22 (2006.01)
G01N 21/65 (2006.01)
G01N 27/02 (2006.01)
G01N 33/497 (2006.01)
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(43) 21.04.2022
(72) HICKEY, Colin
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(11) AU-A-2021374669
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(54) PHARMACEUTICAL COMPOSITIONS OF A KINASE INHIBITOR
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A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
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A61K 31/00 (2006.01)
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(43) 12.05.2022
(72) LIEJANTO, Iswadi; CHEN, Tzu-Yuan
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D01F 9/145 (2006.01)
D01F 9/15 (2006.01)
D01F 9/155 (2006.01)
D01F 9/32 (2006.01)
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C10C 3/00 (2006.01)
C10C 3/02 (2006.01)
D01F 9/145 (2006.01)
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C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
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A61K 31/4196 (2006.01)
A61P 25/28 (2006.01)
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A23C 3/02 (2006.01)
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A43B 21/24 (2006.01)
A43B 1/00 (2006.01)
A43B 1/04 (2022.01)
A43B 3/16 (2022.01)
A43B 5/00 (2022.01)
A43B 5/10 (2006.01)
A43B 5/18 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C12N 5/074 (2010.01)
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C09D 5/00 (2006.01)
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F16K 31/46 (2006.01)
B62L 3/02 (2006.01)
B62L 3/06 (2006.01)
B62L 3/08 (2006.01)
F16K 31/00 (2006.01)
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E21B 7/02 (2006.01)
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G06F 16/44 (2019.01)
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G10L 19/008 (2013.01)
H04S 7/00 (2006.01)
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G05D 1/02 (2020.01)
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G06V 20/80 (2022.01)
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G06V 10/771 (2022.01)
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G02B 6/46 (2006.01)
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G16C 20/10 (2019.01)
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B60R 9/04 (2006.01)
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(51) Int. Cl.
B01J 13/16 (2006.01)
A01N 25/28 (2006.01)
A23P 10/30 (2016.01)
A61K 8/11 (2006.01)
A61K 9/50 (2006.01)
A61Q 19/10 (2006.01)
A62D 1/00 (2006.01)
B01J 13/22 (2006.01)
C09B 67/02 (2006.01)
C11D 3/50 (2006.01)
C11D 17/00 (2006.01)
D06M 23/12 (2006.01)
F28D 20/02 (2006.01)
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C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
C12N 15/864 (2006.01)
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(54) AUTOMATED GRIPPING MECHANISM
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B25J 15/02 (2006.01)
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(51) Int. Cl.
B65G 1/04 (2006.01)
B01L 1/02 (2006.01)
B65G 29/00 (2006.01)
B65G 47/84 (2006.01)
G01N 35/00 (2006.01)
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E21D 21/00 (2006.01)
E02D 5/80 (2006.01)
E02D 17/20 (2006.01)
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B60L 53/10 (2019.01)
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B60L 53/60 (2019.01)
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A61L 2/07 (2006.01)
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(54) WEARABLE ACCESSORY WITH PHASED ARRAY ANTENNA SYSTEM
(51) Int. Cl.
H01Q 3/08 (2006.01)
H01Q 3/36 (2006.01)
H01Q 5/20 (2015.01)
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(74) FPA Patent Attorneys Pty Ltd
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H01Q 3/26 (2006.01)
G04R 60/06 (2013.01)
G04R 60/08 (2013.01)
H01Q 1/27 (2006.01)
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(21) 2021362132 (22) 12.10.2021
(54) DATA TRANSMISSION SYSTEM, COMMUNICATIONS ADAPTER AND METHOD
(51) Int. Cl.
H04L 9/08 (2006.01)
H04L 12/18 (2006.01)
H04L 49/201 (2022.01)
H04L 69/16 (2022.01)
H04W 12/043 (2021.01)
H04W 28/08 (2023.01)
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(74) Ellis Terry
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(54) VIRTUAL DISTILLATION FOR QUANTUM ERROR MITIGATION
(51) Int. Cl.
G06N 10/70 (2022.01)
G06N 10/20 (2022.01)
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(54) PROCESS FOR PREPARATION OF 2-HYDROXY-6-((2-(1-ISOPROPYL-1H<i></i>-PYRAZOL-5-YL)PYRIDIN-3-YL)METHOXY)BENZALDEHYDE
(51) Int. Cl.
C07D 401/04 (2006.01)
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63/237,780 27.08.21 US
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F03D 3/02 (2006.01)
F03D 3/06 (2006.01)
F03D 13/35 (2016.01)
(87) WO2022/124193
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(51) Int. Cl.
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H04L 12/18 (2006.01)
H04L 49/201 (2022.01)
H04L 69/16 (2022.01)
H04W 12/043 (2021.01)
H04W 28/08 (2023.01)
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H04L 12/18 (2006.01)
H04L 49/201 (2022.01)
H04L 69/16 (2022.01)
H04W 12/043 (2021.01)
H04W 28/08 (2023.01)
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G06Q 50/00 (2012.01)
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B65D 5/26 (2006.01)
B65D 5/20 (2006.01)
B65D 5/28 (2006.01)
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B65D 77/20 (2006.01)
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A61K 31/381 (2006.01)
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F17C 7/02 (2006.01)
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G01H 9/00 (2006.01)
G01V 1/00 (2006.01)
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A61K 38/18 (2006.01)
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A61K 39/395 (2006.01)
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C25B 11/091 (2021.01)
C25B 1/04 (2021.01)
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B01J 23/00 (2006.01)
B01J 23/10 (2006.01)
B01J 23/75 (2006.01)
B01J 35/00 (2006.01)
B01J 35/02 (2006.01)
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F24F 6/04 (2006.01)
F24F 6/00 (2006.01)
F24F 6/02 (2006.01)
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H01M 50/242 (2021.01)
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C07K 7/08 (2006.01)
A61K 47/54 (2017.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 35/00 (2006.01)
A61K 38/00 (2006.01)

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C07K 7/08 (2006.01)
A61K 47/54 (2017.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
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A61F 7/00 (2006.01)
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G01N 33/48 (2006.01)
C12Q 1/06 (2006.01)

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A61K 38/19 (2006.01)
A61K 38/20 (2006.01)
A61K 38/21 (2006.01)
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C07K 14/005 (2006.01)

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B66F 9/075 (2006.01)
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H02P 3/06 (2006.01)
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G06K 19/06 (2006.01)
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A61N 1/36 (2006.01)
A61N 1/04 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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B64C 39/00 (2023.01)
G01S 1/00 (2006.01)
G01S 5/00 (2006.01)
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A61G 13/00 (2006.01)
A61G 13/08 (2006.01)
A61G 13/12 (2006.01)
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(54) [2-(3-FLUORO-5-METHANESULFONYLPHENOXY)ETHYL] (PROPYL)AMINE (MESDOPETAM) FOR USE IN THE PREVENTION OR REDUCTION OF SENSITIZATION TO A PHARMACEUTICAL DRUG FOR PARKINSON'S DISEASE, IN PARTICULAR L-DOPA INDUCED DYSKINESIAS
(51) Int. Cl.
A61K 31/145 (2006.01)
A61K 31/194 (2006.01)
A61K 31/198 (2006.01)
A61P 25/14 (2006.01)
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G06F 3/06 (2006.01)
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F17C 13/08 (2006.01)
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G07C 11/00 (2006.01)
B66B 1/46 (2006.01)
G07C 9/10 (2020.01)
G07C 9/20 (2020.01)
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HIPURIC ACID (PAH) AND RA-
DIOLABELED COMPLEXES FOR
TREATING CANCER
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C07D 209/10 (2006.01)
C07D 317/40 (2006.01)

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A61P 1/00 (2006.01)
C07K 16/24 (2006.01)
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C23C 2/12 (2006.01)
B32B 15/08 (2006.01)
B32B 15/092 (2006.01)
B32B 15/095 (2006.01)
C22C 18/04 (2006.01)
C22C 21/10 (2006.01)
C22C 30/06 (2006.01)
C23C 2/06 (2006.01)
C23C 2/26 (2006.01)
C23C 22/44 (2006.01)
C23C 28/00 (2006.01)
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(54) HOT DIPPED Al-Zn-Si-Mg COATED STEEL SHEET, SURFACE-TREATED STEEL SHEET, AND COATED STEEL SHEET
(51) Int. Cl.
C23C 2/12 (2006.01)
B32B 15/08 (2006.01)
B32B 15/092 (2006.01)
B32B 15/095 (2006.01)
C22C 18/04 (2006.01)
C22C 21/10 (2006.01)
C22C 30/06 (2006.01)
C23C 2/06 (2006.01)
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C07D 251/40 (2006.01)
A61K 31/53 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
C07D 407/02 (2006.01)
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A61B 10/00 (2006.01)
A61J 17/00 (2006.01)
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C12Q 1/06 (2006.01)
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C07K 1/22 (2006.01)
A61K 45/00 (2006.01)
A61K 47/62 (2017.01)
A61P 43/00 (2006.01)
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C07K 14/00 (2006.01)
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C09K 3/00 (2006.01)
B05D 5/00 (2006.01)
C11D 1/28 (2006.01)
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A61K 35/76 (2015.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
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D21H 11/14 (2006.01)
D21C 9/08 (2006.01)
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B31F 1/07 (2006.01)
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C02F 1/24 (2023.01)
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B07C 5/34 (2006.01)
G01N 21/90 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/02 (2006.01)
A61B 5/103 (2006.01)
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A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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C12N 1/20 (2006.01)
A61K 31/00 (2006.01)
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G08G 1/01 (2006.01)
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C12N 15/52 (2006.01)
C12N 1/20 (2006.01)
C12N 9/02 (2006.01)
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C12N 9/16 (2006.01)
C12N 15/74 (2006.01)
C12P 7/06 (2006.01)
C12P 7/18 (2006.01)
C12P 7/6409 (2022.01)
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B63B 25/08 (2006.01)
B63B 27/25 (2006.01)
B63B 27/30 (2006.01)
B63B 35/44 (2006.01)
B65D 90/30 (2006.01)
B65G 5/00 (2006.01)
B65G 67/60 (2006.01)
F17C 1/00 (2006.01)
F25J 1/00 (2006.01)
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A61K 38/10 (2006.01)
C07K 7/08 (2006.01)
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C07F 9/30 (2006.01)
C07C 271/22 (2006.01)
C07F 9/32 (2006.01)
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C07K 16/00 (2006.01)
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H04L 12/40 (2006.01)
A01G 25/16 (2006.01)
H04W 4/38 (2018.01)
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A61B 18/22 (2006.01)
G01B 11/02 (2006.01)
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B22D 19/06 (2006.01)
B33Y 80/00 (2015.01)
C22C 1/05 (2023.01)
C22C 1/10 (2023.01)
C22C 29/04 (2006.01)
C22C 29/08 (2006.01)
C22C 29/10 (2006.01)
C22C 29/14 (2006.01)
C22C 33/02 (2006.01)
E02F 9/28 (2006.01)
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A61B 34/30 (2016.01)
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A47C 16/00 (2006.01)
A47C 20/00 (2006.01)
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B01D 61/00 (2006.01)
B01D 71/62 (2006.01)
B01D 71/82 (2006.01)
C25C 7/04 (2006.01)
H01M 8/00 (2016.01)
H01M 8/1025 (2016.01)
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B60L 53/16 (2019.01)
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C07C 67/38 (2006.01)
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G06Q 30/06 (2023.01)
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H04L 9/06 (2006.01)
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 F16F 15/00 (2006.01)
 F16F 9/30 (2006.01)
 F15B 1/02 (2006.01)
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 F16L 3/16 (2006.01)
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 F01L 9/16 (2021.01)
 F04B 9/12 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/24 (2021.01)
A61N 1/04 (2006.01)
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C12N 15/115 (2010.01)
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A61K 47/64 (2017.01)
A61K 38/39 (2006.01)
A61P 19/08 (2006.01)
A61P 25/28 (2006.01)
C07K 14/78 (2006.01)
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C07K 14/78 (2006.01)
G01N 33/68 (2006.01)
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A24F 40/60 (2020.01)
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H02J 7/00 (2006.01)
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H02M 7/538 (2007.01)
A24F 40/50 (2020.01)
H02M 11/00 (2006.01)
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C07D 257/02 (2006.01)
A61K 47/60 (2017.01)
A61K 47/62 (2017.01)
A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
A61K 51/04 (2006.01)
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- (51) Int. Cl.
C07D 257/02 (2006.01)
A61K 38/08 (2019.01)
A61K 38/12 (2006.01)
A61K 47/62 (2017.01)
A61K 47/64 (2017.01)
A61K 47/68 (2017.01)
A61K 51/04 (2006.01)
C07K 7/06 (2006.01)
C07K 7/64 (2006.01)
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E21B 19/16 (2006.01)
E21B 3/02 (2006.01)
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C12N 15/63 (2006.01)
A61K 35/761 (2015.01)
A61K 39/39 (2006.01)

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 PHYSIOLOGY MAPPING SYSTEMS
 WITH ELECTROPORATION SYN-
 CHRONIZED WITH PACING
(51) Int. Cl.
A61N 1/32 (2006.01)
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(54) METHOD FOR SPRAYING PAINT BY
 MEANS OF PAINT SPRAYING AS-
 SEMBLY CONNECTED TO DISTANCE
 MEASURING WHEEL
(51) Int. Cl.
B05B 12/08 (2006.01)
E01C 23/22 (2006.01)
G01C 15/00 (2006.01)
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(54) INHALER SYSTEM
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G16H 20/13 (2018.01)
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(54) USE OF AN IL-18 ANTAGONIST FOR
 TREATING AND/OR PREVENTION OF
 ATOPIC DERMATITIS OR A RELATED
 CONDITION
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A61P 17/00 (2006.01)
C07K 16/28 (2006.01)
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 AMYLIN RECEPTORS
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C07K 14/46 (2006.01)
A61K 38/00 (2006.01)
A61K 38/22 (2006.01)
A61K 38/26 (2006.01)
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C07K 14/605 (2006.01)
C07K 19/00 (2006.01)
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 CAP LTD
(11) AU-A-2021371069
(21) 2021371069 **(22)** 29.10.2021
(54) ION MICROTRAP ASSEMBLY AND
 METHOD OF MAKING OF MAKING
 SUCH AN ASSEMBLY
(51) Int. Cl.
H01L 23/13 (2006.01)
G06N 10/00 (2022.01)
H01L 23/15 (2006.01)
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B81C 3/00 (2006.01)
G06N 10/00 (2022.01)
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A01H 1/00 (2006.01)
A01H 5/10 (2018.01)
A01H 6/20 (2018.01)
C07K 14/415 (2006.01)
C12N 15/82 (2006.01)
C12Q 1/68 (2018.01)
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H02S 20/25 (2014.01)
H02G 3/08 (2006.01)
H02G 3/12 (2006.01)
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C07K 14/415 (2006.01)
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G05D 23/13 (2006.01)
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A61L 27/18 (2006.01)
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A61M 37/00 (2006.01)
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C21D 6/00 (2006.01)
C21D 8/02 (2006.01)
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C21D 9/46 (2006.01)
C22C 38/00 (2006.01)
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C22C 38/04 (2006.01)
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A61K 31/47 (2006.01)
A61K 31/185 (2006.01)
A61P 25/00 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
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C07D 207/00 (2006.01)
A61K 51/04 (2006.01)
C07D 207/34 (2006.01)
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G06K 19/06 (2006.01)
G06Q 20/00 (2012.01)
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F16G 11/12 (2006.01)
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A47J 41/00 (2006.01)
F25D 7/00 (2006.01)
G01K 11/12 (2021.01)
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 A61K 31/045 (2006.01)
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 A61Q 17/04 (2006.01)
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 A61N 5/10 (2006.01)
 A61B 90/00 (2016.01)
 A61B 90/14 (2016.01)
 A61B 90/17 (2016.01)
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 A61B 34/30 (2016.01)
 A61B 90/00 (2016.01)
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 A61B 34/30 (2016.01)
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 (51) Int. Cl.
 G01J 3/46 (2006.01)
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 (51) Int. Cl.
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 C12N 15/63 (2006.01)
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 G06N 3/08 (2023.01)
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 D21J 1/02 (2006.01)
 B31F 1/00 (2006.01)
 D21J 1/04 (2006.01)
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 C12Q 1/70 (2006.01)
 C12Q 1/6844 (2018.01)
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(54) ANALYSIS SYSTEM AND METHOD
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G01N 21/77 (2006.01)
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A61K 31/4439 (2006.01)
C07D 405/14 (2006.01)
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A61K 31/404 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
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G01N 33/18 (2006.01)
H01M 8/16 (2006.01)
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C12N 11/14 (2006.01)
B09C 1/10 (2006.01)
C12N 1/20 (2006.01)
C12R 1/40 (2006.01)
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G01N 15/14 (2006.01)
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H02J 50/12 (2016.01)
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A61N 5/067 (2006.01)
H05B 33/00 (2006.01)
H05B 45/10 (2020.01)
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B64C 27/28 (2006.01)
B64C 27/08 (2023.01)
B64C 27/26 (2006.01)
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A61K 9/48 (2006.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61K 31/047 (2006.01)
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F16L 9/128 (2006.01)
B63B 73/72 (2020.01)
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C12N 5/077 (2010.01)
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A61K 51/04 (2006.01)
A61K 31/4155 (2006.01)
C07D 231/12 (2006.01)
C07F 17/00 (2006.01)
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(54) METHOD FOR ENZYMATIC AND/OR MICROBIAL PROCESSING OF WASTE COMPRISING RECIRCULATION OF PROCESS WATER
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B09B 3/40 (2022.01)
B09B 5/00 (2006.01)
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(54) CHIMERIC ANTIGEN RECEPTOR (CAR) NK CELLS AND USES THEREOF
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C12N 5/00 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
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B29D 30/06 (2006.01)
(87) WO2022/103274
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(54) ISOTOPE-ENRICHED 3-AMINO-1-PROPANESULFONIC ACID DERIVATIVES FOR THE TREATMENT OF CEREBROVASCULAR DISEASE
(51) Int. Cl.
A61K 31/185 (2006.01)
A61K 31/4172 (2006.01)
A61P 9/10 (2006.01)
A61P 25/28 (2006.01)
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(72) LU, Jiasheng; GU, Jiamin; KONG, Xianqi
(74) SR Intellectual Property
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(54) PACKAGING METHOD FOR SOLAR CELL MODULE, CONNECTION

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(51) Int. Cl.
H01L 31/05 (2014.01)
H01L 31/18 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(54) FASTENING DEVICES, SYSTEMS, AND METHODS
(51) Int. Cl.
A61B 17/86 (2006.01)
(87) WO2022/109322
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(74) Spruson & Ferguson
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(54) FASTENING DEVICES, SYSTEMS, AND METHODS
(51) Int. Cl.
A61B 17/86 (2006.01)
A61B 17/04 (2006.01)
A61B 17/17 (2006.01)
A61B 17/70 (2006.01)
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A61B 50/30 (2016.01)
A61F 2/40 (2006.01)
A61F 2/78 (2006.01)
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G01R 19/30 (2006.01)
G01R 15/18 (2006.01)
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G01R 19/145 (2006.01)
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H01Q 1/22 (2006.01)
H01Q 1/24 (2006.01)
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H04B 5/00 (2006.01)
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A61P 35/00 (2006.01)
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A61K 31/575 (2006.01)
C07J 9/00 (2006.01)
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DUCING A COMPOSITE OF A SUB-
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DRIVABLE MILLING BODY | | | |
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ASSOCIATED METHOD AND REFER-
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A61K 31/437 (2006.01)
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A61P 17/06 (2006.01)
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C04B 35/66 (2006.01)
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C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
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C07D 413/14 (2006.01)
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C07D 471/04 (2006.01)
C07D 471/10 (2006.01)
C07D 487/04 (2006.01)
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A61K 9/00 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
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(74) AJ PARK
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A41D 13/00 (2006.01)
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(72) KUIPERS, Laure; HOFFMAN, Keith
(74) Davies Collison Cave Pty Ltd
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- (71) SINGH, B.A.
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(21) 2021362737 (22) 15.10.2021
(54) METHOD FOR PRESERVING FRESH FOOD
(51) Int. Cl.
A23B 7/157 (2006.01)
A01N 3/00 (2006.01)
A23B 7/10 (2006.01)
A23L 3/3508 (2006.01)
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(31) 20202194.5 (32) 16.10.20 (33) EP
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(72) SINGH, Benjamin Amit
(74) AJ PARK
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(21) 2021368229 (22) 28.10.2021
(54) DEVICE, METHOD AND MANUFACTURING METHOD FOR ELECTRONIC STRAIN SENSOR
(51) Int. Cl.
G01L 1/22 (2006.01)
- A61B 5/00** (2006.01)
A61B 5/0245 (2006.01)
A61B 5/11 (2006.01)
A61B 5/113 (2006.01)
G01L 1/18 (2006.01)
H05K 3/12 (2006.01)
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(74) K&L Gates
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- (71) SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED
(11) AU-A-2021400675
(21) 2021400675 (22) 13.12.2021
(54) MEDICAL IMPLANT DELIVERY SYSTEM FOR SHEET-LIKE TISSUE IMPLANT
(51) Int. Cl.
A61B 17/064 (2006.01)
A61F 2/08 (2006.01)
A61F 2/00 (2006.01)
- (87) WO2022/132634
(31) 63/126,458 (32) 16.12.20 (33) US
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(72) GRABINSKY, Jessica Marie; BARNES, Jeffrey Louis; ZENZ-OLSON, Nathaniel; TRAN, Nathaniel Van; AKID, Jamal James
(74) Spruson & Ferguson
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(21) 2021397824 (22) 10.12.2021
(54) FOODSTUFF PRODUCT
(51) Int. Cl.
A21D 2/36 (2006.01)
A21D 2/18 (2006.01)
A21D 13/062 (2017.01)
A21D 13/80 (2017.01)
A23L 33/21 (2016.01)
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- (71) SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2021402137
(21) 2021402137 (22) 06.12.2021
(54) METHOD TO ROAST COFFEE BEANS
(51) Int. Cl.
A23F 5/04 (2006.01)
A23F 5/08 (2006.01)
A23F 5/12 (2006.01)
B03C 3/011 (2006.01)
B03C 3/017 (2006.01)

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B03C 3/02 (2006.01)
B03C 3/08 (2006.01)
B03C 3/09 (2006.01)
B03C 3/12 (2006.01)
B03C 3/36 (2006.01)
B03C 3/41 (2006.01)
B03C 3/47 (2006.01)
B03C 3/68 (2006.01)
B03C 3/78 (2006.01)
G05B 15/00 (2006.01)
(87) WO2022/128580
(31) 20215341.7 **(32)** 18.12.20 **(33)** EP
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(74) Spruson & Ferguson
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
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(21) 2021403562 **(22)** 06.12.2021
(54) METHOD TO ROAST COFFEE BEANS
(51) Int. Cl.
A23F 5/04 (2006.01)
A23N 12/08 (2006.01)
A23N 12/12 (2006.01)
B03C 3/011 (2006.01)
B03C 3/017 (2006.01)
B03C 3/019 (2006.01)
B03C 3/02 (2006.01)
B03C 3/08 (2006.01)
B03C 3/09 (2006.01)
B03C 3/12 (2006.01)
B03C 3/36 (2006.01)
B03C 3/41 (2006.01)
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B03C 3/68 (2006.01)
B03C 3/78 (2006.01)
G05B 15/00 (2006.01)
(87) WO2022/128581
(31) 20215329.2 **(32)** 18.12.20 **(33)** EP
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(72) MOREND, Joël; DUBIEF, Flavien, Florent; DEGREEF, Thomas, Rudi, S.; CELIS, Michiel, Alexander; LEMMENS, Rien, Denise, M.; BAEKELANDT, Maxime
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(11) AU-A-2021405711
(21) 2021405711 **(22)** 22.12.2021
(54) COMPOSITIONS AND METHODS USING AT LEAST ONE STRAIN OF *STAPHYLOCOCCUS CARNOSUS* THERAPEUTICALLY OR PROPHYLACTICALLY
(51) Int. Cl.
A61K 35/74 (2015.01)
A61K 35/741 (2015.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
C12N 1/00 (2006.01)
(87) WO2022/136544
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(21) 2021405996 **(22)** 06.12.2021
(54) METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM
(51) Int. Cl.
A23N 12/08 (2006.01)
A23F 5/04 (2006.01)
A23N 12/12 (2006.01)
(87) WO2022/135893
(31) 20216280.6 **(32)** 22.12.20 **(33)** EP
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(72) MOREND, Joël; DUBIEF, Flavien, Florent; DEGREEF, Thomas, Rudi, S.; CELIS, Michiel, Alexander; LEMMENS, Rien, Denise, M.; BAEKELANDT, Maxime
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2021406601
(21) 2021406601 **(22)** 06.12.2021
(54) METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM
(51) Int. Cl.
A23N 12/08 (2006.01)
A23F 5/04 (2006.01)
A23N 12/12 (2006.01)
(87) WO2022/135894
(31) 20216278.0 **(32)** 22.12.20 **(33)** EP
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(72) MOREND, Joël; DUBIEF, Flavien, Florent; DEGREEF, Thomas, Rudi, S.; CELIS, Michiel, Alexander; LEMMENS, Rien, Denise, M.; BAEKELANDT, Maxime
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
(11) AU-A-2021414492
(21) 2021414492 **(22)** 06.12.2021
(54) METHOD TO CHECK A COFFEE BEANS ROASTING SYSTEM
(51) Int. Cl.
A23N 12/08 (2006.01)
A23F 5/04 (2006.01)
A23N 12/12 (2006.01)
(87) WO2022/144149
(31) 20217999.0 **(32)** 31.12.20 **(33)** EP
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- (54)** METHODS OF INTERNMENT CALORIC RESTRICTION FOR IMPARTING HEALTH BENEFITS TO AN ANIMAL
(51) Int. Cl.
A23K 50/00 (2016.01)
A23L 33/00 (2016.01)
A23L 33/20 (2016.01)
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(31) 63/120,777 **(32)** 03.12.20 **(33)** US
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(72) PAN, Yuanlong
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ SA
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(54) COMPOSITIONS AND METHODS FOR PET FOOD
(51) Int. Cl.
A23K 50/42 (2016.01)
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(31) 63/124,224 **(32)** 11.12.20 **(33)** US
(43) 16.06.2022
(72) SHE, Manjuan Jenny; ASHIE, Isaac
(74) Spruson & Ferguson
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ SA
(11) AU-A-2021399250
(21) 2021399250 **(22)** 10.12.2021
(54) DIAGNOSING HEART DISEASE AND DEGENERATIVE MITRAL VALVE DISEASE IN A CANINE
(51) Int. Cl.
C12Q 1/689 (2018.01)
(87) WO2022/130154
(31) 63/127,247 **(32)** 18.12.20 **(33)** US
(43) 23.06.2022
(72) LI, Qinghong
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- (71)** SOCIÉTÉ DES PRODUITS NESTLÉ SA
(11) AU-A-2021400139
(21) 2021400139 **(22)** 13.12.2021
(54) LOW DENSITY PET LITTERS AND METHODS OF MAKING AND USING SUCH PET LITTERS
(51) Int. Cl.
A01K 1/015 (2006.01)
(87) WO2022/130180
(31) 63/126,905 **(32)** 17.12.20 **(33)** US
(43) 23.06.2022
(72) HUCK, Nathan, Foster
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- (71)** SOLAD - SOLAR ELECTRONICS LTD.
(11) AU-A-2021387029
(21) 2021387029 **(22)** 25.11.2021
(54) AN EXTENDER AND STABILIZER FOR SOLAR STRING POWER GENERATION SYSTEMS AND A METHOD THEREOF
(51) Int. Cl.
G05F 1/67 (2006.01)
H02J 3/38 (2006.01)

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(43) 02.06.2022
(72) ADLER, Shlomo Haim
(74) PIPERS

(71) SOTERA WIRELESS, INC.
(11) AU-A-2021360827
(21) 2021360827 **(22)** 13.10.2021
(54) METHOD AND SYSTEM FOR IDENTIFYING FIDUCIAL FEATURES IN THE CARDIAC CYCLE AND THEIR USE IN CARDIAC MONITORING
(51) Int. Cl.
A61B 5/02 (2006.01)
(87) WO2022/081757
(31) 63/091,228 **(32)** 13.10.20 **(33)** US
(43) 21.04.2022
(72) NAJI, Mohsen; MCCOMBIE, Devin
(74) Spruson & Ferguson

(71) STARFIRE SYSTEMS, INC.
(11) AU-A-2021369794
(21) 2021369794 **(22)** 29.10.2021
(54) COMPOSITION AND PREPARATION FOR HAFNIUM CARBIDE CERAMIC PRECURSOR
(51) Int. Cl.
C08G 79/00 (2006.01)
C04B 35/00 (2006.01)
(87) WO2022/094185
(31) 63/107,615 **(32)** 30.10.20 **(33)** US
(43) 05.05.2022
(72) SHEN, Howard Q.
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(21) 2021399610 **(22)** 28.10.2021
(54) COMPENSATION ASSEMBLY AND HOT WATER STORAGE TANK
(51) Int. Cl.
F24D 3/10 (2006.01)
F24D 17/00 (2022.01)
F24D 19/08 (2006.01)
F24H 1/20 (2022.01)
(87) WO2022/128223
(31) 10 2020 134 298.5 **(32)** 18.12.20 **(33)** DE
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(72) HÜGE, Carsten; ZINDEL, Ralf
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) STIEBEL ELTRON GMBH & CO.KG
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(21) 2021402032 **(22)** 28.10.2021
(54) COMPENSATION ASSEMBLY AND HOT WATER STORAGE TANK
(51) Int. Cl.
F24D 3/10 (2006.01)
F24D 17/00 (2022.01)
F24D 19/08 (2006.01)
F24H 1/20 (2022.01)
(87) WO2022/128222
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(72) HÜGE, Carsten; ZINDEL, Ralf; MALIK, Ralf
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) SUNGROW POWER SUPPLY CO., LTD.
(11) AU-A-2021394083
(21) 2021394083 **(22)** 06.05.2021
(54) TRANSFORMER
(51) Int. Cl.
H01F 27/30 (2006.01)
H01F 27/32 (2006.01)
(87) WO2022/121226
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(43) 16.06.2022
(72) CAI, Guoqing; ZHUANG, Jiakai; XU, Jun; LIU, Wei
(74) Davies Collison Cave Pty Ltd

(71) SUNTORY HOLDINGS LIMITED
(11) AU-A-2021361437
(21) 2021361437 **(22)** 15.10.2021
(54) CONTAINER-PACKED CARBONATED BEVERAGE
(51) Int. Cl.
A23L 2/00 (2006.01)
A23L 2/38 (2021.01)
A23L 2/52 (2006.01)
C12C 12/04 (2006.01)
C12G 3/04 (2019.01)
(87) WO2022/080478
(31) 2020-173681 **(32)** 15.10.20 **(33)** JP
(43) 21.04.2022
(72) SHIMMURA Anna; KATO Yuichi
(74) Griffith Hack

(71) SYNDEVVRX, INC.
(11) AU-A-2021378944
(21) 2021378944 **(22)** 10.11.2021
(54) COMBINATIONS OF METAP2 INHIBITORS AND CDK4/6 INHIBITORS FOR THE TREATMENT OF CANCER
(51) Int. Cl.
A61K 31/336 (2006.01)
A61K 31/519 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/103834
(31) 63/112,217 **(32)** 11.11.20 **(33)** US
(43) 19.05.2022
(72) CORNELIUS, Peter; SHANAHAN, James; CARVER, Bradley J.
(74) FPA Patent Attorneys Pty Ltd

(71) SYNGENTA CROP PROTECTION AG
(11) AU-A-2021390778
(21) 2021390778 **(22)** 26.11.2021
(54) HERBICIDAL DERIVATIVES
(51) Int. Cl.
C07D 213/80 (2006.01)
A01N 43/04 (2006.01)
C07D 401/04 (2006.01)
C07D 405/04 (2006.01)
C07D 407/04 (2006.01)

C07D 413/04 (2006.01)
C07D 491/04 (2006.01)
(87) WO2022/117445
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(72) SEDEN, Peter, Timothy; EMMETT, Edward, John; DALE, Suzanna; BURNS, David; WHALLEY, Louisa; MORRIS, James, Alan
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2021374174
(21) 2021374174 **(22)** 02.11.2021
(54) PRODUCTION OF VIRUS VECTOR PLASMID IN BACILLUS SUBTILIS
(51) Int. Cl.
C12N 15/75 (2006.01)
C12N 15/70 (2006.01)
C12N 15/81 (2006.01)
(87) WO2022/097646
(31) 2020-184495 **(32)** 04.11.20 **(33)** JP
(43) 12.05.2022
(72) SAITO, Shunsuke; TSUGE, Kenji
(74) WRAYS PTY LTD

(71) SYNLOGEN CO., LTD.
(11) AU-A-2021375125
(21) 2021375125 **(22)** 02.11.2021
(54) INTEGRATIVE PLASMID
(51) Int. Cl.
C12N 15/86 (2006.01)
C12N 1/21 (2006.01)
C12N 7/01 (2006.01)
C12N 15/34 (2006.01)
C12N 15/35 (2006.01)
C12N 15/75 (2006.01)
(87) WO2022/097647
(31) 2020-184491 **(32)** 04.11.20 **(33)** JP
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(72) SAITO, Shunsuke; TSUGE, Kenji
(74) WRAYS PTY LTD

(71) SYNTHORX, INC.
(11) AU-A-2021356610
(21) 2021356610 **(22)** 08.10.2021
(54) IMMUNO ONCOLOGY THERAPIES WITH IL-2 CONJUGATES
(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 38/20 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
(87) WO2022/076859
(31) 63/090,005 **(32)** 09.10.20 **(33)** US
(43) 14.04.2022
(72) CAFFARO, Carolina E.; LEVEQUE, Joseph; MILLA, Marcos; PTACIN, Jerod; SHAWVER, Laura
(74) Griffith Hack

(71) SYNTHORX, INC.
(11) AU-A-2021356693
(21) 2021356693 **(22)** 08.10.2021

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(51) Int. Cl.
A61K 47/60 (2017.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/04 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/076853
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- (71) T.G. MEDICAL INC.
(11) AU-A-2021363179
(21) 2021363179 (22) 06.09.2021
(54) STENT
(51) Int. Cl.
A61F 2/90 (2013.01)
(87) WO2022/085313
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(43) 28.04.2022
(72) SHOBAYASHI Yasuhiro; MIKI Kohei
(74) Spruson & Ferguson
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- (71) TAG AND TRACE PTY LTD
(11) AU-A-2021356332
(21) 2021356332 (22) 08.10.2021
(54) MONITORING SYSTEM
(51) Int. Cl.
G16H 50/80 (2018.01)
(87) WO2022/073079
(31) 2020903653 (32) 08.10.20 (33) AU
2020903794 20.10.20 AU
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(72) CLARE, Phillip Eric
(74) Wallington-Dummer
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- (71) TANGOLD INC.
(11) AU-A-2021360126
(21) 2021360126 (22) 15.10.2021
(54) PROCESS FOR THE CONTROL OF SOFTENING POINTS OF PETROLEUM HYDROCARBON MATERIALS
(51) Int. Cl.
C08J 3/24 (2006.01)
C08K 3/011 (2018.01)
C08K 3/30 (2006.01)
C10G 49/02 (2006.01)
(87) WO2022/077090
(31) 63/092,912 (32) 16.10.20 (33) US
(43) 21.04.2022
(72) CHEN, Weixing
(74) James & Wells Intellectual Property
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- (71) TANIOWIS GMBH
(11) AU-A-2021386535
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(54) SHEET NIOBATES FOR USE IN PHOTOCATALYSTS
(51) Int. Cl.
C01G 33/00 (2006.01)
B01J 31/36 (2006.01)
B01J 35/00 (2006.01)
C01B 3/04 (2006.01)
(87) WO2022/112002
(31) 10 2020 214 923.2 (32) 27.11.20 (33) DE
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(72) SCHNITTER, Christoph; ALBRECHT, Sven; MARSCHALL, Roland; KULISCHOW, Natalia; LADASIU CIOLACU, Flaviu Calin
(74) Davies Collison Cave Pty Ltd
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- (71) TATA STEEL LIMITED
(11) AU-A-2021362783
(21) 2021362783 (22) 11.10.2021
(54) A METHOD FOR PRODUCING METALLURGICAL COKE AND THE METALLURGICAL COKE THEREOF
(51) Int. Cl.
C10B 19/00 (2006.01)
C10B 53/08 (2006.01)
C10B 57/04 (2006.01)
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(31) 202031044359 (32) 12.10.20 (33) IN
(43) 21.04.2022
(72) DAS, Bidyut; DASH, Pratik Swarup; SONI, Abhinav Kumar; KORI, Ashish
(74) FPA Patent Attorneys Pty Ltd
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- (71) TECHNIP ENERGIES FRANCE
(11) AU-A-2021379956
(21) 2021379956 (22) 09.11.2021
(54) METHOD FOR EXTRACTING ETHANE FROM AN INITIAL NATURAL GAS STREAM AND CORRESPONDING PLANT
(51) Int. Cl.
F25J 1/00 (2006.01)
(87) WO2022/101211
(31) FR2011521 (32) 10.11.20 (33) FR
(43) 19.05.2022
(72) VOVARD, Sylvain; LAFLOTTE, Benoit
(74) Davies Collison Cave Pty Ltd
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- (71) TECHNIP ENERGIES FRANCE
(11) AU-A-2021381544
(21) 2021381544 (22) 09.11.2021
(54) METHOD FOR PRODUCING LIQUEFIED NATURAL GAS FROM NATURAL GAS, AND CORRESPONDING PLANT
(51) Int. Cl.
F25J 1/00 (2006.01)
F25J 1/02 (2006.01)
(87) WO2022/106260
(31) 2011752 (32) 17.11.20 (33) FR
(43) 27.05.2022
(72) VOVARD, Sylvain; GADELLE, Dominique Claude Jean
(74) Davies Collison Cave Pty Ltd
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- (71) TECHNIPFMC SUBSEA FRANCE
(11) AU-A-2021375743
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- (21) 2021375743 (22) 09.11.2021
(54) FLEXIBLE FLUID TRANSPORT PIPE AND ASSOCIATED METHODS
(51) Int. Cl.
F16L 11/08 (2006.01)
B32B 1/08 (2006.01)
F16L 11/04 (2006.01)
(87) WO2022/096748
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(72) DAMIENS, Alexandre; EPSZTEIN, Thomas; MIYAZAKI, Marcelo
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2021383406
(21) 2021383406 (22) 19.11.2021
(54) ELEMENT FOR SEPARATING A LIQUID MEDIUM WITH HIGH PARIETAL SHEAR STRESS
(51) Int. Cl.
B01D 63/06 (2006.01)
B01D 46/24 (2006.01)
B01D 67/00 (2006.01)
B01J 20/28 (2006.01)
B33Y 80/00 (2015.01)
C04B 38/00 (2006.01)
F01N 3/022 (2006.01)
C04B 111/00 (2006.01)
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(51) Int. Cl.
H04W 52/02 (2009.01)
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 H01L 31/02 (2006.01)
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 A61P 35/02 (2006.01)
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 C08F 12/36 (2006.01)
 C08J 3/075 (2006.01)
 C08K 5/00 (2006.01)
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 C12N 5/00 (2006.01)
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 A61B 5/053 (2021.01)
 A61B 5/0215 (2006.01)
 A61B 5/03 (2006.01)
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 H01L 23/00 (2006.01)
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A61K 31/194 (2006.01)
A61K 31/216 (2006.01)
C07C 211/58 (2006.01)
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A61P 33/10 (2006.01)
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F41F 3/10 (2006.01)
F42B 14/02 (2006.01)
F42B 17/00 (2006.01)
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A61K 9/127 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/30 (2006.01)
A61K 47/42 (2017.01)
A61K 48/00 (2006.01)
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A61K 9/127 (2006.01)
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A61P 35/00 (2006.01)
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C22B 3/06 (2006.01)
B01D 11/02 (2006.01)
C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
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C12P 19/34 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/686 (2018.01)
C40B 40/08 (2006.01)
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A62D 3/02 (2007.01)
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C07D 491/107 (2006.01)
C07C 211/31 (2006.01)
C07C 309/43 (2006.01)
C07C 327/18 (2006.01)
C07D 215/40 (2006.01)
C07D 231/50 (2006.01)
C07D 239/48 (2006.01)
C07D 311/02 (2006.01)
C07D 455/04 (2006.01)
C07D 491/20 (2006.01)
C07D 517/20 (2006.01)
G01N 21/64 (2006.01)
G01N 33/52 (2006.01)
G01N 33/58 (2006.01)
G01N 33/84 (2006.01)
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G06F 40/263 (2020.01)
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A01G 23/06 (2006.01)
E02F 3/40 (2006.01)
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G21B 1/13 (2006.01)
G21G 1/02 (2006.01)
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C01B 3/04 (2006.01)
C25B 1/04 (2021.01)
F02C 3/00 (2006.01)
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C10G 31/08 (2006.01)
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C10G 19/02 (2006.01)
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G01N 1/10 (2006.01)
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A63B 21/06 (2006.01)
A63B 71/06 (2006.01)
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A61K 9/00 (2006.01)
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A61K 9/19 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/12 (2006.01)
A61K 47/22 (2006.01)
A61K 47/26 (2006.01)
A61K 47/50 (2017.01)
A61K 48/00 (2006.01)
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A61K 9/127 (2006.01)
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A61K 38/00 (2006.01)
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C12N 15/88 (2006.01)
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(54) COMPOSITIONS COMPRISING FLUMAZENIL AND NALTREXONE AND METHODS FOR USE THEREOF
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A61K 31/5517 (2006.01)
A61K 9/08 (2006.01)
A61K 31/485 (2006.01)
A61P 25/22 (2006.01)
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B60L 53/302 (2019.01)
B60L 53/31 (2019.01)
H05K 7/20 (2006.01)
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(74) Michael Buck IP
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H02J 3/02 (2006.01)
B60L 53/00 (2019.01)
H01M 10/44 (2006.01)
H02J 4/00 (2006.01)
H02J 7/02 (2016.01)
H02M 3/02 (2006.01)
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B60H 1/00 (2006.01)
F04D 29/66 (2006.01)
F24F 13/24 (2006.01)
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A61B 5/021 (2006.01)
A61B 5/00 (2006.01)
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A61K 8/02 (2006.01)
A61K 8/04 (2006.01)
A61K 8/26 (2006.01)
A61K 8/28 (2006.01)
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(54) COMPOSITION
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C11D 1/00 (2006.01)
C11D 1/29 (2006.01)
C11D 1/72 (2006.01)
C11D 1/83 (2006.01)
C11D 3/37 (2006.01)
C11D 3/386 (2006.01)
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C11D 1/00 (2006.01)
C11D 1/29 (2006.01)
C11D 1/72 (2006.01)
C11D 1/83 (2006.01)
C11D 3/40 (2006.01)
C11D 17/00 (2006.01)
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C11D 1/00 (2006.01)
C11D 1/29 (2006.01)
C11D 1/72 (2006.01)
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A61K 8/26 (2006.01)
A61K 8/28 (2006.01)
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E03B 1/04 (2006.01)
A01G 9/02 (2018.01)
E03B 3/02 (2006.01)
E04C 1/39 (2006.01)
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B01J 8/02 (2006.01)
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B01J 38/06 (2006.01)
C01B 32/05 (2017.01)
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G01N 1/28 (2006.01)
A01N 1/02 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
C12N 1/04 (2006.01)
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 C07K 19/00 (2006.01)
 A61K 47/66 (2017.01)
 A61P 25/28 (2006.01)
 C07K 14/145 (2006.01)
 C07K 14/705 (2006.01)
 C12N 15/10 (2006.01)
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 A61B 5/0205 (2006.01)
 G16H 20/17 (2018.01)
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 A61K 9/06 (2006.01)
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 A01N 37/22 (2006.01)
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 A01N 43/40 (2006.01)
 A01N 43/50 (2006.01)
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 A61K 31/135 (2006.01)
 A61K 31/167 (2006.01)
 A61K 31/216 (2006.01)
 A61K 31/4174 (2006.01)
 A61K 31/573 (2006.01)
 A61K 33/06 (2006.01)
 A61K 45/06 (2006.01)
 A61P 23/00 (2006.01)
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B01D 53/34 (2006.01)
B01D 53/50 (2006.01)
B01D 53/56 (2006.01)
B01D 53/62 (2006.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C01B 32/15 (2017.01)
C01B 32/158 (2017.01)
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G01N 29/24 (2006.01)
G01N 29/265 (2006.01)
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G06F 3/0484 (2022.01)
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A61P 35/00 (2006.01)
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(54) RISER ANCHOR AND INSTALLATION
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F16L 5/00 (2006.01)
F16L 3/04 (2006.01)
F16L 3/08 (2006.01)
F16L 3/12 (2006.01)
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F16L 19/02 (2006.01)
F16B 7/18 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attor-
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- (71) WING AVIATION LLC
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 (54) TERMINAL AREA NAVIGATION AND
 CONTROL OF UAVS FOR PACKAGE
 DELIVERY SYSTEM
 (51) Int. Cl.
 B64C 39/02 (2023.01)
 B64D 47/06 (2006.01)
 B64F 1/00 (2006.01)
 G05D 1/00 (2006.01)
 G05D 1/10 (2006.01)
 G06Q 10/08 (2023.01)
 G08G 5/00 (2006.01)
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 Benjamin; JONES, Brandon; LACY,
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 (74) Spruson & Ferguson
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- (71) WINGCOPTER GMBH
 (11) AU-A-2021363652
 (21) 2021363652 (22) 25.10.2021
 (54) DEVICE FOR ALIGNING A PIECE
 GOOD PART LIFTED BY MEANS OF A
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 B64D 1/22 (2006.01)
 B64C 1/22 (2006.01)
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- (71) WIRTH, B.
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 (54) PLANT TRIMMING APPARATUS AND
 METHODS
 (51) Int. Cl.
 A01D 46/02 (2006.01)
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 B26D 1/01 (2006.01)
 B26D 1/12 (2006.01)
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 B26D 1/143 (2006.01)
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 (54) PRECURSOR COMPOUND OF
 HEXAHYDRO-BETA-ACID COMPON-
 ENT COMPOUND, FEED COMPOSI-
 TION AND USE THEREOF
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 (11) AU-A-2021376213
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 (54) CONNECTED DIAGNOSTIC SYSTEM
 AND METHOD
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 G06F 11/30 (2006.01)
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 Matthew D.
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 B62B 7/08 (2006.01)
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 WITH A MECHANICAL CONNECTOR
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 E04B 1/61 (2006.01)
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(54) BIOFACTORS FOR THE TREATMENT AND PROPHYLAXIS OF DEMENTIA
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A61K 31/513 (2006.01)
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A61P 9/00 (2006.01)
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(54) FILTER UNIT, TEXTILE TREATMENT APPARATUS AND METHOD
(51) Int. Cl.
B01D 29/23 (2006.01)
A47L 15/42 (2006.01)
B01D 33/01 (2006.01)
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A61K 31/4709 (2006.01)
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C07K 5/062 (2006.01)
A61K 45/06 (2006.01)
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
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A61K 9/00 (2006.01)
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A61K 38/39 (2006.01)
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A61P 23/02 (2006.01)
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(54) USER INTERFACE FOR PUMPS FOR SWIMMING POOLS AND SPAS
(51) Int. Cl.
F04D 1/00 (2006.01)
F04B 49/00 (2006.01)
F04D 13/06 (2006.01)
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ANG, Chuangxin; GAO, Bo; WU, Hao;
HE, Zhen; LU, Zhaohua; YAN, Wenjun
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- (71) ZTE CORPORATION
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TERMINING TRANSMISSION IN-
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H04W 48/12 (2009.01)
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ZHANG, Shujuan; GAO, Bo; LU, Zhao-
hua; HE, Zhen
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(11) AU-A-2021356425
(21) 2021356425 (22) 05.08.2021
(54) RADIO FREQUENCY POWER SUP-
PLY ADJUSTMENT METHOD, APPAR-
ATUS AND DEVICE, AND STORAGE
MEDIUM
(51) Int. Cl.
H02M 3/158 (2006.01)
H04B 1/40 (2015.01)
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(43) 14.04.2022
(72) SHEN, Shaowu
(74) Patenteur Pty Ltd
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- (71) ZURIMED TECHNOLOGIES AG
(11) AU-A-2020476670
(21) 2020476670 (22) 12.11.2020
(54) A SURGICAL DEVICE, A SYSTEM,
AND A METHOD OF MANUFACTUR-
ING A SURGICAL DEVICE
(51) Int. Cl.
A61B 17/04 (2006.01)
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(72) BACHMANN, Elias; LI, Xiang; BANZET,
Pol
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2020471536	ZTE CORPORATION	2021358478	DEPUY SYNTHES PRODUCTS, INC.
2020471607	KIMBERLY-CLARK WORLDWIDE, INC.	2021358482	JOHNSON & JOHNSON CONSUMER INC.
2020473569	ZTE CORPORATION	2021358517	NORTHWESTERN UNIVERSITY
2020474545	H2 CLIPPER, INC.	2021358730	ENCORA, INC.
2020474620	COMERCIALIZADORA EXOBLAST CHILE SPA	2021358755	I-LUMEN SCIENTIFIC, INC.
2020474805	WONG, S.; LEOW, G.M.M.; HENG, K.H.	2021358777	TRANSLATE BIO, INC.
2020474910	ACCIONA CONSTRUCCIÓN, S.A	2021358997	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
2020475171	OKAMURA CORPORATION	2021359001	PEERLESS CHAIN COMPANY
2020475309	SIEMENS AKTIENGESELLSCHAFT	2021359063	PACERTOOL AS
2020475461	MUSIMAP SA	2021359068	INTERVET INTERNATIONAL B.V.
2020475462	MUSIMAP SA	2021359223	HEPTARES THERAPEUTICS LIMITED
2020475552	KIMBERLY-CLARK WORLDWIDE, INC.	2021359304	PANOTEC S.R.L.
2020475870	NATIONAL CENTER OF NEUROLOGY AND PSYCHIATRY	2021359328	AEROBORN BV
2020476229	BLUVEIN INNOVATION PTY. LTD.	2021359475	EVOPOINT BIOSCIENCES CO., LTD.
2020476322	HUAWEI TECHNOLOGIES CO., LTD.	2021359493	QILU REGOR THERAPEUTICS INC.
2020476350	MUSIMAP SA	2021359585	UNIVERSITÄT STUTTGART
2020476510	ENAEX SERVICIOS S.A.	2021359641	AVICENA SYSTEMS LIMITED
2020476553	MOTOR DEVELOPMENT INTERNATIONAL S.A.	2021359680	NUNHEMS B.V.
2020476670	ZURIMED TECHNOLOGIES AG	2021359734	BIOFRONTERA PHARMA GMBH
2020476757	MAGALDI POWER S.P.A.	2021359777	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2020477933	PARITY QUANTUM COMPUTING GMBH	2021359781	OSPEDALE SAN RAFFAELE S.R.L.; FONDAZIONE TELETHON
2020478795	BARD PERIPHERAL VASCULAR, INC.	2021359871	W. L. GORE & ASSOCIATES, INC.
2020480368	CARDIOL THERAPEUTICS INC.	2021359888	OMEGA OPHTHALMICS LLC
2020480956	ANKH LIFE SCIENCES LIMITED	2021359895	ELI LILLY AND COMPANY
2020481043	ELECTROLUX HOME PRODUCTS, INC.	2021360111	LUMSDEN, C.I.; LUMSDEN, R.J.
2020481898	FUJITSU LIMITED	2021360126	TANGOLD INC.
2020482412	METSO OUTOTEC FINLAND OY	2021360175	ASTRAZENECA AB
2021317552	WISORIG TECHNOLOGIES PTE. LIMITED	2021360477	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2021351559	CREATIVE SURGICAL SOLUTIONS, LLC	2021360478	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
2021356119	WÖRWAG PHARMA GMBH & CO.KG	2021360590	OSSIUM HEALTH, INC.
2021356164	MC2 THERAPEUTICS LTD	2021360633	I-MAB BIOPHARMA CO., LTD.
2021356166	QBD (QS-IP) LIMITED; QUOTIENT SUISSE SA	2021360636	SHANGHAI DE NOVO PHARMATECH CO., LTD.
2021356220	VIROTHERA LIMITED	2021360676	HPVVAX, LLC
2021356234	AQDOT LIMITED	2021360789	ACCENT THERAPEUTICS, INC.; MILLS, J.E.J.
2021356282	JANSSSEN BIOTECH, INC.	2021360827	SOTERA WIRELESS, INC.
2021356332	TAG AND TRACE PTY LTD	2021360828	DERMBIONT, INC.
2021356346	PHARMACEUTIQUE INGENEW INC.	2021360836	UNIVERSITY OF VIRGINIA PATENT FOUNDATION
2021356425	ZTE CORPORATION	2021360889	VRIDIAN THERAPEUTICS, INC.
2021356529	REILEY PHARMACEUTICALS, INC.	2021360895	MOTT CORPORATION
2021356543	HANWHA AZDEL, INC.	2021360927	OSCIFLEX LLC
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2021356641	NAPA THERAPEUTICS LTD.; BUCK INSTITUTE FOR RESEARCH ON AGING	2021361004	SCOUT SPACE INC.
2021356662	CANARY MEDICAL SWITZERLAND AG	2021361071	EPIRIUM BIO INC.; MYOFORTE THERAPEUTICS, INC.
2021356687	BIOXCEL THERAPEUTICS, INC.	2021361237	HEPTARES THERAPEUTICS LIMITED
2021356693	SYNTHORX, INC.	2021361241	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM
2021356885	YUEXIN CONTEMPORARY AMPEREX TECHNOLOGY CO., LTD	2021361245	PARADIGM FLOW SERVICES LIMITED
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2021357204	ANI TECHNOLOGIES PRIVATE LIMITED	2021361348	THE UNIVERSITY OF BRITISH COLUMBIA
2021357407	HENAN YUEXIN INTELLIGENT MACHINERY CO., LTD.	2021361359	DAIKIN INDUSTRIES, LTD.
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2021357573	BOBST MEX SA	2021361437	SUNTORY HOLDINGS LIMITED
2021357746	SANOFI PASTEUR; CTK BIOTECH, INC.	2021361844	LEIDOS, INC.
2021357810	ENCLLEAR THERAPIES, INC.	2021361970	JACOBIO PHARMACEUTICALS CO., LTD.
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2021358076	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2021361993	SENTI BIOSCIENCES, INC.
2021358084	ALASTIN SKINCARE, INC.	2021361997	MIRALOGX LLC
2021358114	EQUALAIRE SYSTEMS, INC.	2021362132	GOAT SOFTWARE LIMITED
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2021362783	TATA STEEL LIMITED	2021369671	MAKO SURGICAL CORP.
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2021363179	T.G. MEDICAL INC.	2021369792	BELKIN VISION LTD.
2021363268	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC DALIAN RESEARCH INSTITUTE OF PETRO- LEUM AND PETROCHEMICALS CO., LTD.	2021369794	STARFIRE SYSTEMS, INC.
2021363283	ACCENDATECH CO., LTD.; NANKAI UNIVERSITY	2021369858	CONVERGENCE MEDICAL SCIENCES LTD.
2021363412	CHANGSHA HEIJINGANG INDUSTRIAL CO., LTD	2021369859	UNIVERSITY HEALTH NETWORK
2021363603	NORTON (WATERFORD) LIMITED	2021369929	NOVARTIS AG
2021363640	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2021369942	SEACH SARID LTD.
2021363652	WINGCOPTER GMBH	2021370406	JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.
2021363683	ARDENT LIMITED	2021370473	BECTON, DICKINSON AND COMPANY
2021363702	AZURA OPHTHALMICS LTD.	2021370748	HUBTEX MASCHINENBAU GMBH & CO. KG
2021363705	AZURA OPHTHALMICS LTD.	2021370898	TEH YOR CO., LTD.
2021363766	JANSSSEN BIOTECH, INC.	2021370908	LINDIS BLOOD CARE GMBH
2021363858	NIHON MEDI-PHYSICS CO., LTD.	2021370921	PRIMETALS TECHNOLOGIES AUSTRIA GMBH
2021363969	HUSQVARNA AB	2021370953	AMSTED RAIL COMPANY, INC.
2021364336	WING AVIATION LLC	2021371019	NALU SCIENTIFIC, LLC
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2021364387	ASHER BIOTHERAPEUTICS, INC.	2021371028	THE JOHNS HOPKINS UNIVERSITY; SINGH, M.; BLACKSHAW, S.; JOHNSTON, R.; QIAN, J.; LIU, Y.
2021364397	MANUFACTURING RESOURCES INTERNATIONAL, INC.	2021371030	MARQUETTE UNIVERSITY
2021364764	WIRTH, B.	2021371069	NPL MANAGEMENT LIMITED; OPTOCAP LTD
2021364880	PSIQUANTUM, CORP.	2021371088	PRECISION PLANTING LLC
2021364948	HUGO ENTERPRISES, LLC	2021371145	THE REGENTS OF THE UNIVERSITY OF MICHIGAN
2021364978	NIHON MEDI-PHYSICS CO., LTD.	2021371160	CAPSTAN MEDICAL INC.
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2021365165	GEN-PROBE INCORPORATED	2021371305	KSQ THERAPEUTICS, INC.
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2021365530	AZURA OPHTHALMICS LTD.	2021372458	RESEARCH INSTITUTE AT NATIONWIDE
2021366086	TRUMA GERÄTETECHNIK GMBH & CO. KG	2021372550	CHILDREN'S HOSPITAL
2021366492	VAPORWORKS NURSING ANESTHESIA INC.	2021372797	CAREY TASCA PTY LTD
2021366666	PAXMEDICA, INC.	2021372797	DENDROGENIX
2021366749	ASAHI GROUP HOLDINGS, LTD.; ASAHI BREWER- IES, LTD.	2021372889	NPL MANAGEMENT LIMITED
2021366958	COSMETIC EDGE PTY LTD	2021372904	PRECISION PLANTING LLC
2021367303	KPR U.S., LLC	2021372970	VICTAULIC COMPANY
2021368017	TMK MACHINERY OY	2021372975	FATE THERAPEUTICS, INC.
2021368139	CEPHEID	2021373043	ALIGOS THERAPEUTICS, INC.
2021368143	PRECISION PLANTING LLC	2021373207	ISOL8 (HOLDINGS) LIMITED
2021368176	MANN+HUMMEL LIFE SCIENCES & ENVIRONMENT HOLDING SINGAPORE PTE. LTD.	2021373228	KARPF, O.
2021368229	SLEEPTITE PTY LTD; ROYAL MELBOURNE INSTI- TUTE OF TECHNOLOGY; SLEEPEEZEE BEDDING AUSTRALIA PTY LTD (SLEEPEEZEE)	2021373267	BAYER AKTIENGESELLSCHAFT
2021368356	JFE STEEL CORPORATION; JFE GALVANIZING & COATING CO., LTD.	2021373283	TOPSOE A/S
2021368444	SHIONOGI & CO., LTD.; UBE CORPORATION	2021373429	KAGOSHIMA UNIVERSITY
2021368506	THE QUEEN'S UNIVERSITY OF BELFAST	2021373485	CAMM, A.P.
2021368520	PRECISION PLANTING LLC	2021373518	QUAZE TECHNOLOGIES INC.
2021368555	CAREFUSION 303, INC.	2021373574	VICTAULIC COMPANY
2021368594	CAREFUSION 303, INC.	2021373619	CORNERSTONE PHARMACEUTICALS, INC.; RE- GENTS OF THE UNIVERSITY OF MICHIGAN
2021368924	GUANGZHOU HENOVCOM BIOSCIENCE CO., LTD.	2021373696	BECTON, DICKINSON AND COMPANY
2021369171	PULPAC AB	2021373936	HOMOLOGY MEDICINES, INC.
2021369204	UQORA, INC.	2021373986	BAYER AKTIENGESELLSCHAFT
2021369409	ADAPTIVE BIOTECHNOLOGIES CORPORATION	2021373990	RANDOX LABORATORIES LTD
2021369443	DANMARKS TEKNISKE UNIVERSITET	2021374027	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
2021369471	SCHOLAR ROCK, INC.	2021374029	BLUVEIN INNOVATION PTY LTD.
2021369503	AMERICAN STERILIZER COMPANY	2021374174	SYNPROGEN CO., LTD.
2021369609	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2021374233	QUEENSLAND UNIVERSITY OF TECHNOLOGY
2021369644	ETAT FRANÇAIS REPRÉSENTÉ PAR LE PRÉFET DE POLICE, AGISSANT AU NOM ET POUR LE COMPTE DE LA VILLE DE PARIS, RELATIVEMENT À LA BRI- GADE DE SAPEURS-POMPIERS DE PARIS; ZELUP	2021374235	AMI ATTACHMENTS INC.
		2021374389	THE CURATORS OF THE UNIVERSITY OF MIS- SOURI
		2021374407	CATERPILLAR GLOBAL MINING LLC
		2021374415	CATERPILLAR INC.

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2021374510	BECTON DICKINSON HOLDINGS PTE. LTD.	2021377232	NEW YORK UNIVERSITY
2021374596	7DYNAMICS, LLC	2021377247	MOOG INC.
2021374669	EXELIXIS, INC.	2021377265	GLAIVERF, INC.
2021374696	SHANGHAI HUAOTA BIOPHARMACEUTICAL CO., LTD.; HUABO BIOPHARM (SHANGHAI) CO., LTD.	2021377371	INVENTIO AG
2021374777	RENESCIENCE A/S	2021377412	RETYRE AS
2021374785	BAYER AKTIENGESELLSCHAFT	2021377422	DEYI PHARMACEUTICAL LTD.
2021374806	SCHOTT AG; SCHOTT PRIMOCCELER OY	2021377495	HYPERTUNNEL IP LIMITED
2021374827	OUTOKUMPU OYJ	2021377533	ESPERA-WERKE GMBH
2021374856	GETINGE LIFE SCIENCE FRANCE	2021377556	SHINAGAWA REFRACTORIES CO., LTD.
2021374871	XEROS LIMITED	2021377603	MASTERCARD INTERNATIONAL INCORPORATED
2021374887	BAUSCH + LOMB IRELAND LIMITED	2021377694	GLAIVERF, INC.
2021374934	VICTAULIC COMPANY	2021377699	CATAMARAN BIO, INC.
2021374937	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2021377734	TOPSOE A/S
2021374941	NEW YORK UNIVERSITY	2021377781	FLOW-RITE CONTROLS, LTD.
2021374966	1E THERAPEUTICS, LTD.	2021377805	NEW YORK UNIVERSITY
2021374988	ALIGOS THERAPEUTICS, INC.	2021377807	CHEVRON U.S.A., INC.
2021374995	EIP PHARMA, INC.	2021377895	MODERNATX, INC.
2021374997	MARSCO MEDICAL, LLC	2021377907	R.P. SCHERER TECHNOLOGIES, LLC
2021375079	PRESTON, J.C.	2021377947	TYCO FIRE PRODUCTS LP
2021375125	SYNPLOGEN CO., LTD.	2021378007	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2021375291	PEPTONIC MEDICAL AB	2021378060	NEENAH GESSNER GMBH
2021375339	SIEMENS AKTIENGESELLSCHAFT	2021378252	ORCOSA INC.
2021375388	CLOSED LOOP MEDICINE LTD	2021378263	BECTON, DICKINSON AND COMPANY
2021375460	BAYER AKTIENGESELLSCHAFT	2021378270	AVIRMAX, INC.
2021375485	LACTOBIO A/S	2021378308	IBIO, INC.
2021375520	JOHNSON & JOHNSON CONSUMER INC.	2021378381	CATERPILLAR INC.
2021375591	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2021378392	ESPOSITO, D.; VAN HINSBERG, Q.
2021375728	ITM ISOTOPE TECHNOLOGIES MUNICH SE	2021378472	INTEGRATIVE RESEARCH LABORATORIES
2021375743	TECHNIPFMC SUBSEA FRANCE	2021378475	SWEDEN AB; IRL 790 AB
2021375762	VENOVA MEDICAL, INC.	2021378475	MULTIPLXDX, S.R.O.
2021376126	OATEY CO.	2021378503	OXFORD BIOMEDICA (UK) LIMITED
2021376197	GRAPHIC PACKAGING INTERNATIONAL, LLC	2021378504	CLARKE, C.; BUCKINGHAM, B.
2021376203	VIRIDOS, INC.	2021378511	3M INNOVATIVE PROPERTIES COMPANY
2021376213	WI-TRONIX, LLC	2021378518	SIFI S.P.A.
2021376217	COLGATE-PALMOLIVE COMPANY	2021378722	VERDOX, INC.
2021376218	SEAGEN INC.	2021378791	MONSANTO TECHNOLOGY LLC
2021376233	PAYPAL, INC.	2021378802	EDWARDS LIFESCIENCES CORPORATION
2021376267	CASSAVA SCIENCES, INC.	2021378868	UNIWERSYTET MEDYCZNY W BIAŁYMSTOKU
2021376268	CORNERSTONE PHARMACEUTICALS, INC.	2021378938	FAIRLIFE, LLC
2021376280	ALIGOS THERAPEUTICS, INC.	2021378944	SYNDEVRX, INC.
2021376281	ALIGOS THERAPEUTICS, INC.	2021378949	FOGHORN THERAPEUTICS INC.
2021376284	GLOBAL BLOOD THERAPEUTICS, INC.	2021378956	PURDUE RESEARCH FOUNDATION
2021376299	MARS, INCORPORATED	2021379090	BIONTECH SE
2021376314	OUTSET MEDICAL, INC.	2021379123	ALPHA TAU MEDICAL LTD.
2021376349	AMBO INNOVATIONS LLC	2021379260	PHILIP MORRIS PRODUCTS S.A.
2021376358	FATE THERAPEUTICS, INC.	2021379280	PIERRE FABRE DERMO-COSMETIQUE
2021376359	PPG INDUSTRIES OHIO, INC.	2021379283	THE SECRETARY OF STATE FOR DEFENCE
2021376382	FATE THERAPEUTICS, INC.	2021379287	UPL CORPORATION LIMITED; UPL EUROPE LTD
2021376394	THE UNIVERSITY OF CHICAGO	2021379314	PFIZER INC.
2021376399	10X GENOMICS, INC.	2021379496	HANWHA SOLUTIONS CORPORATION; KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY
2021376443	HYRA PTY LTD	2021379571	MASTERCARD INTERNATIONAL INCORPORATED
2021376535	KICO KNEE INNOVATION COMPANY PTY LIMITED	2021379585	LINDSAY CORPORATION
2021376536	360 HIP SYSTEMS PTY LIMITED	2021379593	TOTAL GYM GLOBAL CORP.
2021376539	ZELIRA THERAPEUTICS OPERATIONS PTY LTD	2021379610	CARIS MPI, INC.
2021376711	NORTHWEST INSTRUMENT INC.	2021379662	GEORGIA TECH RESEARCH CORPORATION
2021376811	BÜHLER AG	2021379675	GOOGLE LLC
2021376834	INVENTIO AG	2021379754	BERRY GLOBAL, INC.
2021376837	F. HOFFMANN-LA ROCHE AG	2021379834	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR V.V.I.
2021376873	HILOTERM HOLDING AG	2021379917	FOURSQUARE LABS, INC.
2021376893	BIONTECH SE	2021379927	EQUIFAX INC.
2021376898	AGC GLASS EUROPE; AGC INC.; AGC FLAT GLASS NORTH AMERICA, INC.; AGC VIDROS DO BRASIL LTDA	2021379932	SCHLUMBERGER TECHNOLOGY B.V.
2021376907	GREEN GEN TECHNOLOGIES	2021379956	TECHNIP ENERGIES FRANCE
2021377138	VERDOX, INC.	2021379965	INVENTIO AG
2021377195	THE UNIVERSITY OF QUEENSLAND	2021380011	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE CLAUDE BERNARD LYON 1
2021377200	THE UNIVERSITY OF SYDNEY	2021380033	BIONTECH SE
2021377205	RISEN (SUZHOU) PHARMA TECH CO., LTD.	2021380062	BAE SYSTEMS PLC
2021377211	NALU MEDICAL, INC.	2021380111	EDWARDS LIFESCIENCES INNOVATION (ISRAEL) LTD.

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2021380126	IND TECHNOLOGY PTY LTD	2021385265	PEPSICO, INC.
2021380127	DUSTOSS LTD.	2021385365	KOSKA FAMILY LIMITED
2021380304	DEYI PHARMACEUTICAL LTD.	2021385425	SANDHILL ONE, LLC
2021380681	VERSAPEUTICS INC.	2021385477	AMGEN INC.
2021380713	BECTON, DICKINSON AND COMPANY	2021385745	ANRUI BIOMEDICAL TECHNOLOGY (GUANGZHOU) CO., LTD.
2021380715	AUBURN UNIVERSITY; MERCER UNIVERSITY	2021386294	POPOWSKI, G.
2021380728	SIGVARIS AG	2021386489	KEMIRA OYJ
2021380733	CHEVRON U.S.A. INC.	2021386535	TANIOBIS GMBH
2021380758	PTC THERAPEUTICS INC.	2021386616	POPOWSKI, G.
2021380814	MOLD GUARD INC.	2021386762	TURUN YLIOPISTO
2021380824	INNOVATIVE ORTHOPEDIC TECHNOLOGIES, IOT AG	2021387029	SOLAD - SOLAR ELECTRONICS LTD.
2021380843	BECKMAN COULTER, INC.	2021387537	VANDAPAC CO., LTD.
2021380845	EGENESIS, INC.	2021387786	TOPSOE A/S
2021380874	AXICHEM AB	2021388073	AGRICULTURE VICTORIA SERVICES PTY LTD
2021380881	ETEX BUILDING PERFORMANCE INTERNATIONAL SAS	2021388076	TREXAPHARM PTY LTD
2021380919	CORTICAL.IO AG	2021388096	THOMSON REUTERS ENTERPRISE CENTRE GMBH
2021380945	TOKAMAK ENERGY LTD	2021388155	CATAMARAN BIO, INC.
2021381240	UNIVERSITI KEBANGSAAN MALAYSIA (UKM)	2021388326	HANWHA SOLUTIONS CORPORATION
2021381305	FAST IP, LLC	2021388402	DAIKIN INDUSTRIES, LTD.
2021381307	SEALSTRIP CORPORATION	2021388778	PRECISIS GMBH
2021381324	CURIS, INC.	2021388788	POPOWSKI, G.
2021381363	IONIS PHARMACEUTICALS, INC.	2021388875	ARLA FOODS AMBA
2021381397	WAKE FOREST UNIVERSITY HEALTH SCIENCES	2021388965	SCHOLL'S WELLNESS COMPANY LIMITED
2021381426	RTG SCIENTIFIC, LLC	2021389120	LUMENIS LTD
2021381430	RTG SCIENTIFIC, LLC	2021389166	NULOK GLOBAL PTY LTD
2021381469	QILU REGOR THERAPEUTICS INC.	2021390155	NICOVENTURES TRADING LIMITED
2021381544	TECHNIP ENERGIES FRANCE	2021390206	ALCON INC.
2021381563	TRITIUM HOLDINGS PTY LTD	2021390451	VERIFI TECHNOLOGIES, LLC
2021381664	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.	2021390516	LOCI CONTROLS, INC.
2021381762	ALLIANCE LAUNDRY SYSTEMS LLC	2021390592	MASTERCARD TECHNOLOGIES CANADA ULC
2021381885	COX AUTOMOTIVE, INC.	2021390717	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021381896	FRIEDE & GOLDMAN, LLC D/B/A FRIEDE & GOLDMAN, LTD.	2021390778	SYNGENTA CROP PROTECTION AG
2021381949	DECIPHERA PHARMACEUTICALS, LLC	2021391068	MOMENTUM TECHNOLOGIES AS
2021382001	CAREFUSION 303, INC.	2021391289	DDP SPECIALTY ELECTRONIC MATERIALS US, LLC
2021382015	MANI, M.	2021391431	CUTSFORTH, INC.
2021382125	HAGER-ELECTRO SAS	2021391751	NICOVENTURES TRADING LIMITED
2021382158	MIND MEDICINE, INC.	2021391869	LUCTA, S.A.
2021382173	CARINA BIOTECH PTY LTD	2021392071	SOCIETE DES PRODUITS NESTLE SA
2021382316	HAGER-ELECTRO SAS	2021392869	VAN DER HOEVEN HORTICULTURAL PROJECTS B.V.
2021382569	COMPOSECURE, LLC	2021393424	UNIVERSITY HEALTH NETWORK
2021382571	PEPSICO, INC.	2021393922	F. HOFFMANN-LA ROCHE AG
2021382620	VIR BIOTECHNOLOGY, INC.; HUMABS BIOMED SA	2021393976	UNILEVER GLOBAL IP LIMITED
2021382672	CATERPILLAR INC.	2021394083	SUNGROW POWER SUPPLY CO., LTD.
2021382930	RENTOKIL INITIAL 1927 PLC	2021394226	CHENGDU HYPERWAY PHARMACEUTICALS CO., LTD.; SHENZHEN HYPERWAY PHARMACEUTICALS CO., LTD.
2021383373	HIROTSU BIO SCIENCE INC.	2021394455	AVTRU PTY LTD; PEXAN PTY LTD
2021383406	TECHNOLOGIES AVANCEES ET MEMBRANES INDUSTRIELLES	2021394485	MAGOTTEAUX INTERNATIONAL S.A.
2021383479	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2021394536	UNILEVER GLOBAL IP LIMITED
2021383593	CATERPILLAR INC.	2021394550	GEOBRUGG AG
2021383678	TESLA, INC.	2021394892	ZHEJIANG SUPOR ELECTRICAL APPLIANCES MANUFACTURING CO., LTD.
2021383724	CATERPILLAR INC.	2021395212	MICROPORT ORTHOPEDICS HOLDINGS INC.
2021383747	CAREFUSION 303, INC.	2021395243	CAREFUSION 303, INC.
2021383758	ALIGOS THERAPEUTICS, INC.	2021396408	S&C ELECTRIC COMPANY
2021383762	MERCK SHARP & DOHME LLC	2021396607	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021383892	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2021396792	SOCIETE DES PRODUITS NESTLE SA
2021384023	GEM INNOV	2021397034	GLOBAL ENERGY CO., LTD.
2021384072	FIN CONTROL SYSTEMS PTY. LIMITED	2021397138	NEURONANO AB
2021384132	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2021397789	ARKUDA THERAPEUTICS
2021384651	SCHAEFFLER TECHNOLOGIES AG & CO. KG	2021397824	SOCIETE DES PRODUITS NESTLE S.A.
2021384726	AUSTRALIAN INSTITUTE OF MARINE SCIENCE	2021397930	ALCON INC.
2021384762	AVERY DENNISON CORPORATION	2021398304	UNILEVER GLOBAL IP LIMITED
2021384769	OPLA ENERGY LTD.	2021398306	UNILEVER GLOBAL IP LIMITED
2021384833	ELANCO TIERGESUNDHEIT AG	2021398537	FYSAM AUTO DECORATIVE GMBH
2021385010	CATERPILLAR INC.	2021398591	TRITIUM HOLDINGS PTY LTD
2021385065	10X GENOMICS, INC.	2021398765	SCHAEFFLER TECHNOLOGIES AG & CO. KG
		2021399229	ALCON INC.

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2021399250	SOCIETE DES PRODUITS NESTLE SA	2021448614	SHANDONG JIANZHU UNIVERSITY
2021399610	STIEBEL ELTRON GMBH & CO.KG	2021456513	Genevoyager (Wuhan) Co., Ltd.
2021399631	CASALE SA	2021472120	ZIROPA, INC.; WAUGH, J.
2021399632	ELECTROLUX APPLIANCES AKTIEBOLAG	2022203495	VSPHarmtech
2021399646	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2022205042	ABBOTT DIABETES CARE INC.
2021400076	ALCON INC.	2022206071	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021400139	SOCIETE DES PRODUITS NESTLE SA	2022206411	DUSTOSS LTD.
2021400307	MAKO SURGICAL CORP.	2022206531	FEXSIL GMBH
2021400503	EAGLEPICHER TECHNOLOGIES, LLC	2022210427	CORTEVA AGRISCIENCE LLC
2021400675	SMITH & NEPHEW, INC.; SMITH & NEPHEW ORTHOPAEDICS AG; SMITH & NEPHEW ASIA PACIFIC PTE. LIMITED	2022213743	NANJING CHEMPION BIOTECHNOLOGY CO., LTD.
2021400862	DELAVAL HOLDING AB	2022216856	WONDERLAND SWITZERLAND AG
2021400933	LEA, T.	2022223807	JCM AMERICAN CORPORATION
2021401298	HELEN OF TROY LIMITED	2022226959	ZODIAC POOL SYSTEMS LLC
2021401422	AVIRA HEALTH INCORPORATED	2022226972	NORTHSHORE UNIVERSITY HEALTHSYSTEM
2021402032	STIEBEL ELTRON GMBH & CO.KG	2022228391	YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.
2021402110	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022232469	LANZATECH, INC.
2021402137	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022239291	RAYTHEON BBN TECHNOLOGIES, CORP.; COLUMBIA UNIVERSITY WORKSPORT LTD.
2021402243	ALCON INC.	2022259694	LIER CHEMICAL CO., LTD.
2021402251	INTERNATIONAL BUSINESS MACHINES CORPORATION	2022315394	NANTONG UNIVERSITY
2021402261	ALCON INC.	2022322810	LG ENERGY SOLUTION, LTD.
2021403562	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022332328	NANTONG UNIVERSITY
2021403599	ESSILOR INTERNATIONAL	2022338581	DAIFUKU OCEANIA LIMITED; DAIFUKU CO., LTD.
2021403600	ESSILOR INTERNATIONAL	2022388903	GRAY CONSULTING, INC.
2021403810	ALCON INC.		
2021403851	NOVO NORDISK A/S		
2021404992	NPZ INNOVATION GMBH		
2021405277	ALCON INC.		
2021405341	FUJIKURA LTD.		
2021405505	TOTALENERGIES ONETECH		
2021405711	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2021405822	CMBLU ENERGY AG		
2021405996	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2021405997	EAGLEBURGMANN GERMANY GMBH & CO. KG		
2021406015	SCHWEERBAU INTERNATIONAL GMBH & CO. KG		
2021406022	LAGAN CRAWL LIMITED		
2021406469	SCHWEERBAU INTERNATIONAL GMBH & CO. KG		
2021406601	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2021406947	KAO CORPORATION		
2021407265	SCHWEERBAU INTERNATIONAL GMBH & CO. KG		
2021407403	DIASET PRODUCTS LTD.		
2021408909	EPIROC ROCK DRILLS AKTIEBOLAG		
2021409674	SAMSUNG ELECTRONICS CO., LTD.		
2021409806	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED		
2021409906	REGENERON PHARMACEUTICALS, INC.		
2021410394	SAMSUNG ELECTRONICS CO., LTD.		
2021410706	LIFTWAVE, INC. DBA RISE ROBOTICS		
2021411423	RAYTHEON COMPANY		
2021411631	RISEN ENERGY CO. LTD		
2021411730	BOREALIS AG		
2021411977	ABBOTT DIABETES CARE INC.		
2021412988	SANA BIOTECHNOLOGY, INC.; FRY, T.J.		
2021413224	DURACELL U.S. OPERATIONS, INC.		
2021413986	DURACELL U.S. OPERATIONS, INC.		
2021414492	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2021418322	EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY		
2021420739	EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY		
2021421584	REGENESIS SCIENCE CO., LTD.		
2021426277	HALLIBURTON ENERGY SERVICES, INC.		
2021426839	HALLIBURTON ENERGY SERVICES, INC.		
2021427618	YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.		
2021430759	HALLIBURTON ENERGY SERVICES, INC.		
2021437124	DROPBOX, INC.		
2021441161	QILU UNIVERSITY OF TECHNOLOGY		
2021441781	QINGDAO UNIVERSITY OF TECHNOLOGY		
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<u>A01H 5 /-</u>	<u>A01N 57 /-</u>	<u>A23L 3 /-</u>	<u>A47C 1 /-</u>		
2021359680 2021404992	2021379287	2021362737	2020475171		
<u>A01H 6 /-</u>	<u>A01P 13 /-</u>	<u>A23L 33 /-</u>	<u>A47C 16 /-</u>		<u>A61F 5 /-</u>
2021359680 2021404992	2021379287	2021388875 2021392071 2021397824	2021382015		2021360927 2021366958
<u>A01K 1 /-</u>	<u>A01P 19 /-</u>	<u>A23N 12 /-</u>	<u>A47C 20 /-</u>	<u>A61B 46 /-</u>	<u>A61F 7 /-</u>
2021400139 2021400862	2021388073	2021403562 2021405996 2021406601 2021414492	2021382015	2021351559	2021357810 2021376873
<u>A01K 61 /-</u>	<u>A21D 13 /-</u>		<u>A47G 9 /-</u>	<u>A61B 5 /-</u>	<u>A61F 9 /-</u>
2021384726	2021397824		2021382015	2021356662 2021357810 2021358730 2021360827 2021360836 2021361336 2021364369 2021367303 2021368229 2021370473 2021372374 2021376536 2021377211 2021386762 2021388778 2021397138 2021411977 2022205042	2021369609 2021369792 2021378511 2021402261 2021403600 2021403810
<u>A01K 67 /-</u>	<u>A21D 2 /-</u>	<u>A23P 10 /-</u>	<u>A47J 36 /-</u>		<u>A61G 12 /-</u>
2021376811 2021384726	2021397824	2021384023	2021394892		2021369503
<u>A01M 1 /-</u>	<u>A23B 7 /-</u>	<u>A24F 40 /-</u>	<u>A47J 41 /-</u>	<u>A61B 50 /-</u>	<u>A61G 13 /-</u>
2021388073	2021362737	2021379260 2021390155 2021391751	2021382571	2021351559 2021381430	2021380824
<u>A01M 29 /-</u>	<u>A23C 3 /-</u>	<u>A41D 13 /-</u>	<u>A47K 10 /-</u>		<u>A61G 7 /-</u>
2021382930	2021378938	2021378511 2021380728	2020471607		2021378504
<u>A01M 7 /-</u>	<u>A23C 9 /-</u>	<u>A43B 1 /-</u>	<u>A47L 15 /-</u>		
2021368143 2021371088 2021372904	2021360979 2021378938 2021388875	2021381305	2021374871		
<u>A01N 1 /-</u>	<u>A23F 3 /-</u>	<u>A43B 17 /-</u>	<u>A61B 1 /-</u>		
2021360590 2021369859	2021360979	2021388965	2021371178		
	<u>A23F 5 /-</u>		<u>A61B 10 /-</u>		
			2021358482 2021361336		
				<u>A61B 6 /-</u>	
				2021365506	

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

<u>A61H 11/-</u>	2021366492	2021405711	2022228391	2021360477	2021368555
	2021368444	2022226972		2021360478	2021368594
2021360927	2021368924		<u>A61K 47/-</u>	2021360828	2021369609
	2021369942	<u>A61K 36/-</u>	2020480368	2021361071	2021374997
<u>A61H 19/-</u>	2021371026		2021356164	2021375291	2021395243
	2021371305	2020480956	2021356610	2021369204	2022205042
2021366958	2021371592	2021358084	2021356693	2021369942	
	2021372255	2021369942	2021358777	2021373619	<u>A61N 1/-</u>
<u>A61H 23/-</u>	2021372797	2021376539	2021359223	2021374669	
	2021373043		2021359223	2021375291	2021358517
2021366958	2021373619	<u>A61K 38/-</u>	2021360477	2021376349	2021358755
	2021374669		2021360828	2021376539	2021359063
<u>A61H 7/-</u>	2021374966	2021356164	2021361237	2021376893	2021366958
	2021374966	2021356282	2021363858	2021377895	2021377211
2021360927	2021374988	2021356610	2021364387	2021377907	2021388778
	2021374995	2021356693	2021364978	2021378252	2021397138
<u>A61H 9/-</u>	2021375291	2021358084	2021369204	2021378518	
	2021375388	2021359223	2021373429	2021379090	<u>A61N 5/-</u>
2021360927	2021375485	2021359781	2021375291	2021379314	
	2021376218	2021360676	2021376218	2021380011	2021359734
<u>A61H 99/-</u>	2021376267	2021361237	2021376539	2021380033	2021365506
	2021376268	2021361844	2021377232	2021380758	2021365508
2021380728	2021376280	2021361986	2021377805	2021384023	2021366958
	2021376281	2021364387	2021378503	2021388076	2021374233
<u>A61J 1/-</u>	2021376539	2021364978	2021378518	2021472120	2021379123
	2021377205	2021365525	2021382158		2021386294
2021378263	2021377907	2021365528	2021383758	<u>A61L 2/-</u>	2021386616
	2021378252	2021377232	2021393424		2021388788
<u>A61J 17/-</u>	2021378472	2021377805	2021427618	2021374856	
	2021378518	2021377895	2021472120		<u>A61P 1/-</u>
2021358482	2021378944	2021388155	2022213743		
	2021379314	2021403851		<u>A61L 27/-</u>	2021356282
<u>A61J 9/-</u>	2021380758	2021409806			2021373228
	2021380874	2021472120	<u>A61K 48/-</u>	2021359888	2021374988
2021401422	2021381324				2021380874
	2021381469	<u>A61K 39/-</u>	2021358777	<u>A61M 1/-</u>	2021383758
<u>A61K 103/-</u>	2021381664		2021360477		2021405711
	2021381949	2021356220	2021360478	2021357810	2022322810
2021375728	2021383758	2021356693	2021374941	2021376314	
2021427618	2021383762	2021358153	2021377895		<u>A61M 11/-</u>
	2021384833	2021360175	2021378270	2021374510	
<u>A61K 31/-</u>	2021385425	2021360633	2021409806		<u>A61P 11/-</u>
	2021385745	2021360676	2021456513		2021357078
2020475870	2021388076	2021361986		<u>A61M 15/-</u>	2021361071
2020480368	2021393922	2021361993	<u>A61K 49/-</u>		2021377895
2020480956	2021394226	2021362156		2021374510	<u>A61P 15/-</u>
2021356119	2021397789	2021365525	2022338581		
2021356164	2021427618	2021365528		<u>A61M 16/-</u>	2021373228
2021356234	2021472120	2021369471	<u>A61K 51/-</u>		
2021356346	2022203495	2021373936		2021369858	<u>A61P 17/-</u>
2021356529		2021374696	2021356529		
2021356641	<u>A61K 33/-</u>	2021376218	2021363858	<u>A61M 25/-</u>	2020480956
2021356687		2021376837	2021364978		2021356164
2021358084	2021366492	2021376893	2021366666	2021357810	2021359068
2021358777	2021366492	2021377699	2021375728	2021359063	2021360828
2021358997	2021372797	2021378308	2021427618	2021374997	2021363702
2021358997	2021373619	2021379090	2022228391	2021380713	2021369929
2021359475	2021376218	2021380011			2021374696
2021359493		2021380033	<u>A61K 8/-</u>	<u>A61M 27/-</u>	2021375485
2021359895	<u>A61K 35/-</u>	2021382620			2021376349
2021360175		2021412988	2021358084	2021357810	
2021360477	2021358076	2022226972	2021360828		<u>A61P 19/-</u>
2021360478	2021360828		2021376217	<u>A61M 37/-</u>	
2021360636	2021361241	<u>A61K 45/-</u>	2021379280		2021377232
2021360789	2021362156		2021384023	2021378252	
2021360889	2021369204	2021356119	2021393976		<u>A61P 21/-</u>
2021361071	2021372975	2021356164		<u>A61M 39/-</u>	
2021361970	2021373228	2021356687	<u>A61K 9/-</u>		2021369471
2021361997	2021375485	2021366492		2020478795	2021373228
2021362156	2021376358	2021372797	2020480368	2021370473	
2021363283	2021376382	2021373429	2021356164		<u>A61P 23/-</u>
2021363705	2021377699	2021374995	2021356687	<u>A61M 5/-</u>	
2021365138	2021378270	2021378944	2021358153		2021366492
2021365494	2021382173		2021358777	2020478795	2021472120
2021365530					

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

A61P 25 /-	2021359223	2021361237	B01D 25 /-	2021386535	B07C 5 /-
	2021359475	2021373228			
	2021360175	2021376281	2020482412	B01J 35 /-	2021385365
2020475870	2021360477	2021377205			
2021356119	2021360478	2021381664	B01D 29 /-	2021386535	B08B 1 /-
2021365138	2021360633			2021387786	
2021368924	2021360636	A61Q 11 /-	2021374871	2021388326	2021380127
2021369942	2021360789				
2021373228	2021361237	2021376217	B01D 33 /-	B01J 37 /-	B08B 11 /-
2021374995	2021361241				
2021377205	2021361844	A61Q 15 /-	2021374871	2021387786	2021380127
2021377232	2021361970			2021388326	
2021378472	2021362156	2021393976	B01D 39 /-	B01J 38 /-	B09B 1 /-
2021382158	2021363283	A61Q 17 /-			
2021388076	2021370908		2021378060	2021381240	2021390516
2021393424	2021371305	2021379280	B01D 46 /-		B09B 3 /-
2021393922	2021371592			B01J 8 /-	
2021397789	2021372797	A61Q 19 /-	2021383406		2021374777
	2021373228			2021381240	
A61P 27 /-	2021373619	2021384023	B01D 53 /-		B09B 5 /-
	2021374937			B01L 1 /-	
2021363702	2021375728	A62C 13 /-	2021356234		2021374777
2021365530	2021376218		2021359328	2021365165	
2021371028	2021376268	2021363683	2021377138		B09C 1 /-
2021378518	2021376281	A62C 3 /-	B01D 61 /-	B01L 3 /-	2021441781
	2021376358				
A61P 29 /-	2021376382	2021361245	2021368176	2021372457	B21D 28 /-
	2021377699			B02C 13 /-	
2021376267	2021378308	A62C 31 /-	B01D 63 /-		2021381307
2021381469	2021378944			2021394485	
2021394226	2021379314	2021369644	2021383406	B03C 3 /-	B22D 19 /-
2021397789	2021380681	A62C 35 /-	B01D 67 /-		
2021405711	2021381324			2021402137	2021394485
2022322810	2021381469	2021361245	2021383406	2021403562	B22F 10 /-
	2021381949				
A61P 3 /-	2021382173	A62C 37 /-	B01D 71 /-	B05B 1 /-	2021394485
	2021385745				
2021359223	2021412988	2021361245	2021368176	2021369644	B22F 5 /-
2021359493	2021427618			2021374510	
2021361237	2022213743	A62C 5 /-	B01F 27 /-		2021394485
2021373043	2022228391			B05B 11 /-	B22F 7 /-
2021373228		2021377947	2021385477		
2021376280	A61P 37 /-			2021374510	2021394485
2021397789		A62D 1 /-	B01F 35 /-	B05B 12 /-	B23C 3 /-
	2021356234				
A61P 31 /-	2021356610	2021384023	2021385477	2021369644	2021406015
	2021356693			2021375079	
2021356220	2021358153	A62D 3 /-	B01J 13 /-	2021376711	B23C 5 /-
2021360789	2021359781				
2021360828	2021376267	2021377195	2021384023	B05B 17 /-	2021406015
2021365494					2021407265
2021368444	A61P 39 /-	A63B 21 /-	B01J 19 /-	2021375079	
2021369409					
2021373228	2021363283	2021379593	2021381240	B05B 3 /-	B23K 26 /-
2021374966					
2021375291	A61P 43 /-	A63B 71 /-	B01J 20 /-	2021375079	2021374806
2021376893					
2021378518	2021361071	2021379593	2021360895	B05B 7 /-	B23K 31 /-
2021379090	2021373429		2021383406		
2021380033		B01B 1 /-	B01J 21 /-	2021369644	2021374806
2021382620	A61P 5 /-			2021391289	
2021383758		2021380127	2021387786	B05D 5 /-	B25D 11 /-
	2021374988	B01D 11 /-			
A61P 33 /-	2021376281			2021406947	2021357513
		2021361348	B01J 23 /-		
2021358153	A61P 7 /-			B07B 1 /-	B25D 17 /-
2021384833		B01D 15 /-	2021387786		
	2021383762		2021388326	2021374596	2021382672
A61P 35 /-		2021360895	B01J 31 /-		
	A61P 9 /-				B25F 5 /-
2021356346					
2021356610	2021356119		2021371030		2021363969
2021356693	2021359223		2021371592		

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

<u>B25J 15 /-</u>	<u>B33Y 80 /-</u>	<u>B63B 27 /-</u>	<u>B65G 1 /-</u>	<u>B82Y 15 /-</u>	<u>C06B 33 /-</u>
2021365157	2021383406 2021394485	2021400933	2021365165 2021376811	2021380715	2020474620
<u>B26D 1 /-</u>	<u>B41M 5 /-</u>	<u>B63B 32 /-</u>	<u>B65G 29 /-</u>	<u>B82Y 30 /-</u>	<u>C07B 61 /-</u>
2021364764 2021381307	2021384762	2021384072	2021365165	2021377138	2021371592
<u>B26D 5 /-</u>	<u>B44F 1 /-</u>	<u>B63B 35 /-</u>	<u>B65G 35 /-</u>	<u>B82Y 40 /-</u>	<u>C07C 211 /-</u>
2021357573	2021384762	2020474910 2021400933	2021356885	2021377138	2021358997 2021377200
<u>B26D 7 /-</u>	<u>B60C 23 /-</u>	<u>B63B 73 /-</u>	<u>B65G 43 /-</u>	<u>C01B 3 /-</u>	<u>C07C 215 /-</u>
2021357573 2021381307	2021358114	2021411423	2022341083	2021373283 2021386535 2021387786	2021356346
<u>B26F 1 /-</u>	<u>B60H 1 /-</u>	<u>B63B 77 /-</u>	<u>B65G 47 /-</u>	<u>C01B 32 /-</u>	<u>C07C 227 /-</u>
2021381307	2021366086	2020474910	2021365165 2022341083	2021359328 2021377138 2021381240	2021361970
<u>B29C 64 /-</u>	<u>B60L 5 /-</u>	<u>B64C 1 /-</u>	<u>B65G 5 /-</u>	<u>C01F 17 /-</u>	<u>C07C 235 /-</u>
2021369443	2020476229 2021374029	2021363652	2021400933	2021379834	2021356346
<u>B29D 30 /-</u>	<u>B60L 53 /-</u>	<u>B64C 27 /-</u>	<u>B65G 67 /-</u>	<u>C01G 33 /-</u>	<u>C07C 271 /-</u>
2021377412	2021364397 2021375339 2021379662	2021361360	2021400933	2021386535	2022315394
<u>B31B 50 /-</u>	2021381563 2021398591	<u>B64C 39 /-</u>	<u>B65H 75 /-</u>	<u>C01G 53 /-</u>	<u>C07C 273 /-</u>
2021359304		2021364336 2021380126	2021405341	2021413224	2021399631
<u>B31F 1 /-</u>	<u>B60M 1 /-</u>	<u>B64D 1 /-</u>	<u>B66B 1 /-</u>	<u>C02F 1 /-</u>	<u>C07C 309 /-</u>
2020471607 2021369171	2021374029	2021363652	2021377371	2020475552 2021378392	2021377200
<u>B32B 1 /-</u>	<u>B60P 7 /-</u>	<u>B64D 47 /-</u>	<u>B66B 11 /-</u>	<u>C02F 9 /-</u>	<u>C07C 327 /-</u>
2021375743	2021359001	2021364336	2021379965	2020475552	2021377200
<u>B32B 15 /-</u>	<u>B60R 3 /-</u>	<u>B64F 1 /-</u>	<u>B66B 21 /-</u>	<u>C04B 11 /-</u>	<u>C07C 33 /-</u>
2021368356 2021370406	2021387537	2021364336 2022341083	2021376834	2021365401	2021356346
<u>B32B 27 /-</u>	<u>B60R 9 /-</u>	<u>B65B 5 /-</u>	<u>B66B 25 /-</u>	<u>C04B 111 /-</u>	<u>C07C 43 /-</u>
2021356543 2021379754	2021398537	2021359304	2021376834	2021380881 2021383406	2020480368 2021356346
<u>B32B 5 /-</u>	<u>B60S 5 /-</u>	<u>B65C 9 /-</u>	<u>B66B 7 /-</u>	<u>C04B 18 /-</u>	<u>C07C 45 /-</u>
2021379754	2021358114	2021377533	2021410706	2021365401	2021317552
<u>B32B 7 /-</u>	<u>B62B 7 /-</u>	<u>B65D 1 /-</u>	<u>B66C 1 /-</u>	<u>C04B 28 /-</u>	<u>C07C 47 /-</u>
2021379754	2022216856	2021376907	2021360111	2021365401 2021380881	2021356346
<u>B33Y 10 /-</u>	<u>B62B 9 /-</u>	<u>B65D 5 /-</u>	<u>B66D 1 /-</u>	<u>C04B 35 /-</u>	<u>C07C 49 /-</u>
2021369443	2022216856	2021376197	2021363652	2021369794 2021377556	2021317552 2021356346 2021373429
<u>B33Y 30 /-</u>	<u>B62D 55 /-</u>	<u>B65D 77 /-</u>	<u>B66F 9 /-</u>	<u>C04B 38 /-</u>	<u>C07C 67 /-</u>
2021369443	2021374415	2021376197	2021370748	2021383406	2021317552 2021371030
<u>B33Y 50 /-</u>	<u>B62L 3 /-</u>	<u>B65D 83 /-</u>	<u>B67D 9 /-</u>	<u>C06B 31 /-</u>	<u>C07C 69 /-</u>
2021369443	2021377781	2021374510	2020474545	2020474620	2021317552
	<u>B63B 25 /-</u>	<u>B65D 90 /-</u>	<u>B81C 3 /-</u>		2021317552
	2021400933	2021400933	2021372889		2021317552

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2021356346	<u>C07D 311 /-</u>	<u>C07D 455 /-</u>	<u>C07H 21 /-</u>	2021374937	<u>C09C 1 /-</u>
<u>C07D 207 /-</u>	2021377200	2021377200	2021381363	2021393424	2021359328
2021366666	2021377422			2021403851	
	2021380304	<u>C07D 471 /-</u>	<u>C07J 63 /-</u>	<u>C07K 2 /-</u>	<u>C09D 5 /-</u>
<u>C07D 209 /-</u>	<u>C07D 317 /-</u>	2021360636	2022322810	2021373429	2021380062
2021359895	2021361071	2021361071			2022206531
2021361970	2021361970	2021368444	<u>C07J 9 /-</u>	<u>C07K 5 /-</u>	<u>C09K 11 /-</u>
2021368444	<u>C07D 333 /-</u>	2021373043	2021385425	2021363705	2022338581
2021371592	2021368924	2021376267		2022228391	
2021373043		2021381469	<u>C07K 1 /-</u>	<u>C07K 7 /-</u>	<u>C09K 3 /-</u>
2021381469	<u>C07D 401 /-</u>	2021381949	2021373429		
	2021359475	2021384833	2022228391	2021359223	2021406947
<u>C07D 211 /-</u>	2021368444	2022338581		2021361237	<u>C09K 8 /-</u>
2021363705	2021373267	<u>C07D 487 /-</u>	<u>C07K 14 /-</u>	2021361844	
2022203495	2021374785	2021356234	2021359680	2021364978	2021374389
<u>C07D 213 /-</u>	2021375460	2021360636	2021359781	2021373429	
2021356641	2021376280	2021368444	2021360676	2022228391	<u>C10B 19 /-</u>
2021376280	2021376284	2021371305	2021369409		
2021390778	2021381469	2021384833	2021372975	<u>C08F 12 /-</u>	2021362783
2021394226	2021381949	2021393922	2021373429	2021374389	<u>C10B 53 /-</u>
	2021390778	<u>C07D 491 /-</u>	2021376358		
<u>C07D 215 /-</u>	2021427618		2021376382	<u>C08F 2 /-</u>	2021362783
2021377200	2022210427	2021368444	2021377232	2021411730	<u>C10B 57 /-</u>
<u>C07D 217 /-</u>	<u>C07D 403 /-</u>	2021377200	2021377699		
2021365530	2021368444	2021384833	2021377805	<u>C08F 210 /-</u>	2021362783
	2021373043	2021390778	2021377895	2021411730	<u>C10C 3 /-</u>
<u>C07D 231 /-</u>	2021374988	2021397789	2021381397		
2021356529	2021376281	<u>C07D 493 /-</u>	2021382173	<u>C08G 61 /-</u>	2021420739
2021373986	2021381469	2021397789	2021388155	2021378722	<u>C10G 1 /-</u>
2021377200	2021383762	<u>C07D 495 /-</u>	2021393424	<u>C08G 79 /-</u>	2021377734
2022210427	<u>C07D 405 /-</u>	2021368444	2021403851	2021369794	<u>C10G 19 /-</u>
<u>C07D 233 /-</u>	2021359475	2021384833	2021404992		
2021394226	2021359493	<u>C07D 498 /-</u>	2021412988	<u>C07K 16 /-</u>	<u>C10G 19 /-</u>
	2021365530	2021376267	2021356282		
<u>C07D 237 /-</u>	2021368444	2021397789	2021356693	<u>C08H 8 /-</u>	2021377734
2021394226	2021374785	<u>C07D 513 /-</u>	2021357078	2021368506	<u>C10G 29 /-</u>
	2021381469	2021381469	2021357841	<u>C08J 3 /-</u>	2021363268
<u>C07D 239 /-</u>	2021384833	2021384833	2021358076	2021360126	<u>C10G 31 /-</u>
2021394226	2021390778	2021397789	2021359068	2021374389	
	2021397789	<u>C07D 407 /-</u>	2021360175	<u>C08J 5 /-</u>	2021377734
2021377200	<u>C07D 407 /-</u>	2021381469	2021360633	2021384762	<u>C10G 45 /-</u>
2021381949	2021381664	2021384833	2021361993		
2021385745	2021390778	2021397789	2021363766	<u>C08K 3 /-</u>	2021363268
<u>C07D 251 /-</u>	<u>C07D 409 /-</u>	2021377200	2021369409	2021360126	2021377734
2021381664	2021368444	<u>C07D 519 /-</u>	2021369929	2021411730	<u>C10G 49 /-</u>
		2021368444	2021370908		
<u>C07D 257 /-</u>	<u>C07D 413 /-</u>	2021368444	2021373429	<u>C08K 5 /-</u>	2021360126
2021363858	2021363702	<u>C07F 17 /-</u>	2021373990	2021374389	<u>C10G 65 /-</u>
2021364978	2021368444	2021356529	2021374696		
<u>C07D 261 /-</u>	2021371592	2021361970	2021374937	<u>C08L 23 /-</u>	2021377734
2021359895	2021373043	2022315394	2021376218	2021388073	<u>C10G 67 /-</u>
	2021376280	<u>C07F 9 /-</u>	2021376358	2021411730	2021377734
<u>C07D 273 /-</u>	2021378949	2021361970	2021376837	<u>C09B 67 /-</u>	
2021378949	2021390778	2022315394	2021377699		
	2021397789	<u>C07H 19 /-</u>	2021380681	2021384023	<u>C10G 69 /-</u>
	<u>C07D 417 /-</u>	2021360789	2021382173		
	2021368444		2021382620		
			2021409906		
			<u>C07K 17 /-</u>		
			2021373429		
			<u>C07K 19 /-</u>		
			2021374696		

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

<u>C11D 1 /-</u>	2021378791 2021380758 2021394536 2021398304 2021398306 2021406947	2021383373 2021385065 2021399250 2021404992	<u>C23C 2 /-</u>	<u>E01B 31 /-</u>	<u>E06B 9 /-</u>
	2021380814 2021380845 2021381363 2021381397 2021393424 2021404992 2021409806 2021456513 2022226972 2022232469	<u>C12R 1 /-</u>	2021368356 2021370406	2021406015 2021406469 2021407265	2021370898
<u>C11D 11 /-</u>		2021375485 2021441781	<u>C23C 22 /-</u>	<u>E01C 23 /-</u>	<u>E21B 1 /-</u>
			2021368356	2021376711	2021408909
<u>C11D 17 /-</u>		<u>C21B 13 /-</u>	<u>C23C 28 /-</u>	<u>E02B 17 /-</u>	<u>E21B 10 /-</u>
		2021370921	2021368356 2021370406	2020474910	2021363412
<u>C11D 3 /-</u>	<u>C12N 5 /-</u>	<u>C21C 5 /-</u>	<u>C25B 1 /-</u>	<u>E02D 17 /-</u>	<u>E21B 17 /-</u>
	2021358076 2021360590 2021361241 2021371028 2021372458 2021372975 2021374696 2021376358 2021376382 2021377699 2021382173 2021384726 2021388155 2021421584	2021370921	2021358140 2021359328 2021373283 2021378392 2021379496	2021394550	2021426839
		<u>C21D 6 /-</u>	<u>C25C 7 /-</u>	<u>E02D 5 /-</u>	<u>E21B 19 /-</u>
		2021374827	2021359328 2021378392 2021379496	2021394550	2021371445 2021443116
<u>C12C 12 /-</u>		<u>C21D 8 /-</u>	<u>C25B 11 /-</u>	<u>E02F 3 /-</u>	<u>E21B 21 /-</u>
		2021374827	2021378392 2021379496	2021368017 2021374235 2021382672	2021374596
<u>C12C 5 /-</u>	<u>C12N 7 /-</u>	<u>C21D 9 /-</u>	<u>C25B 9 /-</u>	<u>E02F 9 /-</u>	<u>E21B 25 /-</u>
	2021375125 2022226972	2021374827	2021378392 2021379496	2021374407 2021383593 2021383724 2021385010 2021394455 2021394485	2021407403
		2021361348	<u>C25C 7 /-</u>	<u>E03B 1 /-</u>	<u>E21B 3 /-</u>
<u>C12G 3 /-</u>		<u>C22B 23 /-</u>	2021368176	2021374407 2021383593 2021383724 2021385010 2021394455 2021394485	2021371445
		2021361348	<u>C40B 40 /-</u>	<u>E03B 3 /-</u>	<u>E21B 33 /-</u>
<u>C12M 1 /-</u>	<u>C12N 9 /-</u>	<u>C22C 1 /-</u>	<u>D01F 9 /-</u>	2021359585	2021373207 2021384769 2021426277
	2021359781 2021372458 2021378791 2021380814 2021381397 2021385425 2022232469	2021363412 2021394485	2021376394	2021359585	<u>E21B 34 /-</u>
		<u>C22C 13 /-</u>	<u>D06F 39 /-</u>	<u>E03C 1 /-</u>	2021377247 2021426277
<u>C12N 1 /-</u>		2021384651	2021418322 2021420739	2021359585	<u>E21B 36 /-</u>
		<u>C22C 18 /-</u>	<u>D06M 23 /-</u>	2021376126	2021373207
		2021368356 2021370406	2021374871	<u>E04B 1 /-</u>	<u>E21B 43 /-</u>
<u>C12N 1 /-</u>	<u>C12P 19 /-</u>	<u>C22C 21 /-</u>	<u>D06M 23 /-</u>	2020474805 2021374934	2021426839
	2021375125 2021375485 2021376203 2021405711 2021441781 2022232469	2021384651	2021384023	<u>E04B 2 /-</u>	<u>E21B 44 /-</u>
		<u>C22C 29 /-</u>	<u>D21C 9 /-</u>	2020474805	2021408909
<u>C12M 1 /-</u>		2021368356 2021370406	2021386489	<u>E04C 1 /-</u>	<u>E21B 47 /-</u>
		<u>C22C 30 /-</u>	<u>D21H 11 /-</u>	2021359585	2021379932 2021380733 2021430759
		2021363412 2021394485	2021374871	<u>E04G 21 /-</u>	<u>E21B 49 /-</u>
<u>C12N 11 /-</u>	<u>C12P 21 /-</u>	<u>C22C 33 /-</u>	<u>D21H 21 /-</u>	2020474805	2021377807
	2021376394	2021368356 2021370406	2021386489	<u>E05B 47 /-</u>	<u>E21B 7 /-</u>
		<u>C22C 38 /-</u>	<u>D21J 1 /-</u>	2021360111	2021443116
<u>C12N 15 /-</u>	<u>C12P 33 /-</u>	2021394485	2020471607	<u>E05B 53 /-</u>	<u>E21D 21 /-</u>
	2021385425	2021374827	2021369171	2021360111	2021394550
		<u>C12Q 1 /-</u>			
	2021373429	2021361336 2021369859 2021372458 2021374174 2021374941 2021374966 2021375125 2021376203 2021376394 2021378270 2021378503			
		2021363412 2021394485			
		2021368356 2021370406			
		2021394485			
		2021374827			

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

<u>E21D 9/-</u>	<u>F16F 15/-</u>	<u>F17C 13/-</u>	<u>F28D 19/-</u>	<u>G01M 13/-</u>	<u>G01R 19/-</u>
2020476510	2021391068	2020474545 2022206071	2020476757	2021405997	2021396408
<u>F01B 17/-</u>	<u>F16F 9/-</u>	<u>F17C 7/-</u>	<u>F28D 20/-</u>	<u>G01M 99/-</u>	<u>G01R 31/-</u>
2020476553	2021391068	2020474545	2020476757 2021384023	2021371453	2021380126 2021381762 2021413986
<u>F01B 25/-</u>	<u>F16G 11/-</u>	<u>F24D 17/-</u>	<u>F41F 3/-</u>	<u>G01N 1/-</u>	<u>G01S 1/-</u>
2020476553	2021359001	2021399610 2021402032	2021379283	2021361336 2021369859 2021371448 2021405505	2021380126
<u>F01L 9/-</u>	<u>F16H 19/-</u>	<u>F24D 19/-</u>	<u>F42B 10/-</u>	<u>G01N 15/-</u>	<u>G01S 15/-</u>
2020476553	2021410706	2021399610 2021402032	2021379283	2021372457	2021371453
<u>F01N 3/-</u>	<u>F16J 15/-</u>	<u>F24D 3/-</u>	<u>F42B 14/-</u>	<u>G01N 21/-</u>	<u>G01S 17/-</u>
2021383406	2021405997	2021399610 2021402032	2021379283	2020475552 2021356166 2021359641 2021361004 2021361336 2021371453 2021372457 2021377200 2021385365	2021371019 2021371453
<u>F02C 3/-</u>	<u>F16K 15/-</u>	<u>F24F 11/-</u>	<u>F42B 17/-</u>	<u>G01N 25/-</u>	<u>G01S 5/-</u>
2021373283	2021358453	2021361359	2021379283	2021361004	2021380126
<u>F03D 13/-</u>	<u>F16K 31/-</u>	<u>F24F 13/-</u>	<u>F42B 19/-</u>	<u>G01N 29/-</u>	<u>G01S 7/-</u>
2020474910 2021381896 2021397034	2021370953 2021377781	2021366086 2021388402 2021401298	2021379283	2021390451	2021371019
<u>F03D 3/-</u>	<u>F16K 37/-</u>	<u>F24F 6/-</u>	<u>F42B 3/-</u>	<u>G01N 27/-</u>	<u>G01V 1/-</u>
2021397034	2021370953	2021401298	2020474620	2021361336 2021380715	2021430759
<u>F04B 49/-</u>	<u>F16L 11/-</u>	<u>F24F 7/-</u>	<u>F42C 19/-</u>	<u>G01N 33/-</u>	<u>G01V 3/-</u>
2022226959	2021375743	2021388402	2020474620	2020475552 2021357746 2021361336 2021374696 2021377200 2021377805 2021380681 2021380843 2021381324 2021383373 2021384726 2021409906 2021441161	2021377495 2021379932
<u>F04B 53/-</u>	<u>F16L 17/-</u>	<u>F24H 1/-</u>	<u>G01B 11/-</u>	<u>G01N 35/-</u>	<u>G01V 8/-</u>
2021358453	2021373574	2021399610 2021402032	2020474620	2021390451	2021430759
<u>F04B 9/-</u>	<u>F16L 19/-</u>	<u>F24S 40/-</u>	<u>G01B 21/-</u>	<u>G01N 37/-</u>	<u>G01V 99/-</u>
2020476553	2021373574	2022206411	2021357573 2021389120	2020475552 2021357746 2021361336 2021374696 2021377200 2021377805 2021380681 2021380843 2021381324 2021383373 2021384726 2021409906 2021441161	2021377807
<u>F04D 1/-</u>	<u>F16L 21/-</u>	<u>F25B 9/-</u>	<u>G01B 21/-</u>	<u>G01N 39/-</u>	<u>G02B 21/-</u>
2022226959	2021373574	2022206071	2021361004	2021390451	2021397930
<u>F04D 13/-</u>	<u>F16L 23/-</u>	<u>F25D 5/-</u>	<u>G01C 15/-</u>	<u>G01N 41/-</u>	<u>G02B 23/-</u>
2022226959	2021373574	2021382571	2021376711	2021390451	2021389120
<u>F04D 29/-</u>	<u>F16L 3/-</u>	<u>F25D 7/-</u>	<u>G01F 1/-</u>	<u>G01N 43/-</u>	<u>G02B 6/-</u>
2021366086 2022226959	2021372970 2021391068	2021382571	2021361359	2021390451	2021364880 2021405341
<u>F15B 1/-</u>	<u>F16L 5/-</u>	<u>F25J 1/-</u>	<u>G01H 9/-</u>	<u>G01N 45/-</u>	<u>G02C 7/-</u>
2021391068	2021372970	2021382571	2021430759	2021359641 2021365165 2021368139	2021374887 2021378518 2021403600
<u>F15B 15/-</u>	<u>F16L 9/-</u>	<u>F27D 1/-</u>	<u>G01J 3/-</u>	<u>G01P 5/-</u>	<u>G02F 1/-</u>
2021378381	2021411423	2021379956 2021381544 2021400933	2021376359	2021361359	2021364397
<u>F16B 7/-</u>	<u>F16P 1/-</u>	<u>F28D 13/-</u>	<u>G01K 11/-</u>	<u>G01R 15/-</u>	<u>G03F 7/-</u>
2021373574 2021426839	2021378511	2021377556	2021382571	2021396408	2021369443
<u>F16C 35/-</u>	<u>F17C 1/-</u>		<u>G01L 1/-</u>		
2021365222	2021400933		2021368229		
		2020476757			

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

<u>G04F 1 /-</u>		<u>G06V 10 /-</u>		<u>H01M 50 /-</u>	<u>H02J 11 /-</u>
2020474620		2021364948		2021357407	2021363036
<u>G04R 60 /-</u>	<u>G06K 19 /-</u>	2021375591	<u>G16H 40 /-</u>	2021400503	<u>H02J 3 /-</u>
	2021376233	2022341083	2021383747	2021413986	
2021377694	2021376443		2021403600	2022332328	2021387029
<u>G05B 15 /-</u>	<u>G06N 10 /-</u>	<u>G06V 20 /-</u>	<u>G16H 50 /-</u>	<u>H01M 6 /-</u>	2021398591
	2020477933	2021364948	2021356332	2021413986	<u>H02J 4 /-</u>
2021402137	2021371069	2021375591	2021360836		
2021403562	2021372889	2022341083	2021363603	<u>H01M 8 /-</u>	2021398591
	2021379675		2021403600		
<u>G05D 1 /-</u>	2022239291	<u>G07C 11 /-</u>		2021368176	<u>H02J 50 /-</u>
			<u>G21B 1 /-</u>	2021384651	
2020476510	<u>G06N 20 /-</u>	2021377371	2021380945	2021398765	2021373518
2021364336	2021364369			2021405822	<u>H02J 7 /-</u>
2021374027	2021390592	<u>G07C 9 /-</u>	<u>G21G 1 /-</u>	2021441161	
2021383479		2021377371	2021380945	<u>H01Q 1 /-</u>	2021375339
2021448614	<u>G06N 3 /-</u>	<u>G07F 11 /-</u>		2021376898	2021379260
<u>G05D 23 /-</u>	2020477933	2021385265	<u>G21K 1 /-</u>	2021377694	2021390155
	2021379927		2021365508	2021409674	2021398591
2021376126	2021385477	<u>G07F 17 /-</u>	<u>H01B 3 /-</u>	<u>H01Q 3 /-</u>	2022259694
<u>G05F 1 /-</u>	2021388778				<u>H02J 9 /-</u>
	2021396607	2021376443	<u>H01C 7 /-</u>	2021377265	2021363036
2021387029	<u>G06Q 10 /-</u>	2022223807	2021411730	2021377694	<u>H02M 11 /-</u>
<u>G06F 1 /-</u>	2021357204	<u>G08B 25 /-</u>	<u>H01F 27 /-</u>	<u>H01Q 5 /-</u>	
	2021364336	2021382001	2021399646	2021377265	2021391751
2021410394	2021376443	<u>G08G 1 /-</u>	<u>H01G 7 /-</u>	<u>H01Q 7 /-</u>	<u>H02M 3 /-</u>
<u>G06F 11 /-</u>	2021381885	2021406022	2021394083	2021409674	2020475309
2021376213	<u>G06Q 20 /-</u>	<u>G08G 5 /-</u>	<u>H01H 1 /-</u>	<u>H01Q 9 /-</u>	2021356425
<u>G06F 16 /-</u>	2021376233	2021364336	2021399646	2021376898	2021398591
	2021377603	<u>G09F 9 /-</u>	<u>H01H 3 /-</u>	<u>H01R 13 /-</u>	<u>H02M 7 /-</u>
2020475461	2021379571	2021410394	2021399646	2021379260	2021391751
2020475462	2021382569	<u>G10L 15 /-</u>	<u>H01H 83 /-</u>	2021413986	2021398591
2021379917	2021390592	2020481043	2021382125	<u>H01R 3 /-</u>	<u>H02P 3 /-</u>
2021380919	<u>G06Q 30 /-</u>	2021378511	<u>H01L 21 /-</u>	2021379260	2021363969
2021390717	2020476350	<u>G10L 19 /-</u>	2021374806	<u>H01R 39 /-</u>	<u>H02S 20 /-</u>
2021437124	2021362291	2021359777	<u>H01L 23 /-</u>	2021391431	2021383678
<u>G06F 21 /-</u>	2021376299	<u>G16B 20 /-</u>	2021371069	<u>H01S 3 /-</u>	2021389166
	2021381885	2021379610	2021371145	2021369792	2022206411
2021376233	<u>G06Q 40 /-</u>	<u>G16C 20 /-</u>	2021374806	<u>H02G 3 /-</u>	<u>H02S 40 /-</u>
2021390592	2021379927	2020481898	<u>H01L 31 /-</u>	2021389166	2021380127
<u>G06F 3 /-</u>	2021381885	<u>G16H 10 /-</u>	2021380127	<u>H02H 3 /-</u>	2021387029
		2021375388	2021383678	2021363036	2021389166
2020481043	<u>G06Q 50 /-</u>	2022388903	2021411631	2021382125	<u>H03K 17 /-</u>
2021390451	2021357204	<u>G16H 20 /-</u>	<u>H01M 10 /-</u>	2021382316	<u>H03M 1 /-</u>
2021402110	2022388903	2021360836	2021413986	<u>H02H 7 /-</u>	2021371019
<u>G06F 30 /-</u>	<u>G06T 11 /-</u>	2021363603	<u>H01M 4 /-</u>	2021363969	<u>H04B 1 /-</u>
	2020481898	2021364369	2021384651		2021373485
2021385477	2020481898	2021375388	2021413224		
<u>G06F 40 /-</u>	<u>G06T 17 /-</u>	2021383747			
	2021399229	2021403600			
2020481043	2021376536				
2021380919	<u>G06T 7 /-</u>				
2021388096	2020476510				
<u>G06F 9 /-</u>	2021361004				
	2021369792				
2020481043					
2021402110					
<u>G06G 7 /-</u>					
2021377807					

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<u>H04B 5 /-</u>	<u>H04W 4 /-</u>
2021409674	2021379585
<u>H04L 12 /-</u>	<u>H04W 48 /-</u>
2021362132	2020473569
2021379585	2020476322
<u>H04L 49 /-</u>	<u>H04W 52 /-</u>
2021362132	2021363640
<u>H04L 67 /-</u>	<u>H04W 72 /-</u>
2021362291	2020471536
<u>H04L 69 /-</u>	<u>H04W 74 /-</u>
2021362132	2020471536
<u>H04L 9 /-</u>	<u>H04W 8 /-</u>
2021362132	2021383892
2021377603	
2021379571	<u>H05B 33 /-</u>
2021402251	2021374233
<u>H04N 1 /-</u>	<u>H05B 45 /-</u>
2021369443	2021374233
2021376359	
2021402243	<u>H05B 47 /-</u>
<u>H04N 13 /-</u>	2021374233
2020476510	<u>H05B 6 /-</u>
<u>H04N 21 /-</u>	2021399632
2021378007	<u>H05K 3 /-</u>
<u>H04N 7 /-</u>	2021368229
2021384132	<u>H05K 7 /-</u>
<u>H04R 1 /-</u>	2021381563
2021373696	
<u>H04R 5 /-</u>	
2021373696	
<u>H04R 9 /-</u>	
2021373696	
<u>H04S 7 /-</u>	
2021359777	
<u>H04W 12 /-</u>	
2021362132	
<u>H04W 28 /-</u>	
2021362132	
<u>H04W 36 /-</u>	
2021383892	

Applications Accepted

Name Index

-
- (71) 3ME Technology Pty Ltd
 (11) AU-B-2022202902
 (21) 2022202902 (22) 02.05.2022
 (54) Battery Cartridge
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B28C 7/06 (2006.01)

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H01B 13/26 (2006.01)

B65H 81/00 (2006.01)

B65H 81/02 (2006.01)

B65H 81/04 (2006.01)

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G06F 1/16 (2006.01)

F16M 11/04 (2006.01)

F16M 11/26 (2006.01)

F16M 11/38 (2006.01)

F16M 13/00 (2006.01)

F16M 13/02 (2006.01)

H05K 5/02 (2006.01)

H05K 5/03 (2006.01)

A47B 23/04 (2006.01)

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A01G 17/00 (2006.01)
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G01G 19/40 (2006.01)
G01N 33/02 (2006.01)

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B09C 1/06 (2006.01)
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F23C 99/00 (2006.01)
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C12N 5/00 (2006.01)
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E06B 3/54 (2006.01)
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A61K 41/00 (2020.01)
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G06Q 10/08 (2012.01)
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G07D 11/12 (2019.01)
G07D 11/16 (2019.01)
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C22C 38/00 (2006.01)
C22C 38/04 (2006.01)
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A61B 17/34 (2006.01)
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C12Q 3/00 (2006.01)
C11B 1/00 (2006.01)
C12M 1/36 (2006.01)
C12N 1/00 (2006.01)
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C12N 1/14 (2006.01)
C12P 1/00 (2006.01)

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B02C 17/22 (2006.01)
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C07K 1/107 (2006.01)
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A61P 9/04 (2006.01)
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H04W 16/18 (2009.01)
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A01G 25/09 (2006.01)
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H04W 4/00 (2018.01)
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C12F 3/10 (2006.01)
C12P 7/08 (2006.01)
C12P 7/10 (2006.01)
D21B 1/00 (2006.01)
D21C 3/04 (2006.01)
D21C 3/20 (2006.01)
D21C 5/00 (2006.01)
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F42C 19/08 (2006.01)
F42C 19/10 (2006.01)
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A61K 31/135 (2006.01)
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C12Q 1/68 (2018.01)
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A61P 31/04 (2006.01)
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C12N 15/82 (2006.01)
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2016303688	Research Institute at Nationwide Children's Hospital	2017444246	Halliburton Energy Services, Inc.
2016315852	First Wave Biopharma	2018200669	Fujitsu General Limited
2016315892	The Regents of the University of Colorado, a Body Corporate	2018200840	Bag A Bucket Australia Pty Ltd
2016323460	Cephalon LLC	2018203450	Sysmex Corporation
2016326666	Genentech, Inc.	2018205314	Boston Scientific Scimed, Inc.
2016356686	Lyvgen Biopharma Holdings Limited	2018208740	Te Pari Products Limited
2016406717	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2018211071	AgJunction LLC
2016410262	Cellis AG	2018215713	The South African Nuclear Energy Corporation SOC Limited
2016413933	Calm Water Therapeutics LLC	2018218302	Mars, Incorporated
2016425585	Bhat, A.	2018221475	University of Southern California
2016430056	Junttan Oy	2018222485	Konecranes Global Corporation
2016430486	Aktiebolaget Electrolux	2018225388	Haldor Topsøe A/S
2017207291	The Rockefeller University	2018230429	Corcept Therapeutics, Inc.
2017209307	Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College	2018230571	Austin, T.
2017228598	The Goodyear Tire & Rubber Company	2018231412	Haldor Topsøe A/S
2017235963	ABUS August Bremicker Söhne KG	2018231419	Haldor Topsøe A/S
2017238212	Synthetic Genomics, Inc.	2018231533	Palonot Oy
2017250663	Mayo Foundation for Medical Education and Research	2018232379	Compagnie Industrielle de la Matière Végétale - CIMV
2017260806	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca	2018236201	ConocoPhillips Company
2017276814	Metso Outotec Finland Oy	2018239332	ConocoPhillips Company
2017279735	The Raymond Corporation	2018239513	Magic Leap, Inc.
2017281631	Tithon Biotech, Inc.	2018239835	PayPal, Inc.
2017283979	SCR Engineers Limited	2018241601	Allnex Austria GmbH
2017285894	Komatsu Forest AB	2018246874	Equinor Energy AS
2017291276	Devenish Nutrition Limited	2018247056	BP Exploration Operating Company Limited
2017292377	The University Court of The University of Edinburgh	2018249974	Nipro Corporation
2017293950	Vanderbilt University	2018251519	Daewoong Pharmaceutical Co., Ltd.; Liaoning Daewoong Pharmaceutical Co., Ltd.
2017301813	Monsanto Technology LLC	2018254192	TTI (Macao Commercial Offshore) Limited
2017305417	GeoQuest Systems B.V.	2018254194	TTI (Macao Commercial Offshore) Limited
2017307566	Abfero Pharmaceuticals, Inc.; University of Florida Research Foundation, Inc.	2018254195	TTI (Macao Commercial Offshore) Limited
2017314483	Barbados Trading Pty Ltd	2018254595	Illumina, Inc.
2017316614	Elysium Health, Inc.	2018277084	Velano Vascular, Inc.
2017317188	Doosan Fuel Cell America, Inc.	2018279277	Koch-Glitsch, LP
2017321798	Mayo Foundation for Medical Education and Research	2018284134	Swellfix UK Limited
2017323419	BP P.L.C.	2018284306	Alma Mater Studiorum - Università di Bologna
2017327000	Elysis Limited Partnership	2018293402	Cryptomathic Ltd
2017333432	Fitt S.p.A.	2018304078	Baxter International Inc.; Baxter Healthcare SA
2017338802	Pur Equipamentos Industriais Ltda	2018312326	Takeda Pharmaceutical Company Limited
2017340911	Upstart Power, Inc.	2018312989	Sonos, Inc.
2017341815	Pulmatrix Operating Company, Inc.	2018319504	Della Toffola S.p.A.
2017342921	Monsanto Technology LLC	2018319594	Moebius Medical Ltd.
2017345524	Claeys, S.C.; Claeys, L.L.; Claeys, N.E.	2018321118	Merck Patent GmbH
2017347645	MasterCard International Incorporated	2018322690	Myriota Pty Ltd
2017348354	Pulmokine, Inc.	2018331317	Qualcomm Incorporated
2017349568	Body Vision Medical Ltd.	2018333078	Apollo Medical Optics, Ltd.
2017349921	Amorphical Ltd	2018333817	Bomill AB
2017350490	Hettich-Oni GmbH & Co. Kg	2018334272	FORMA Therapeutics, Inc.
2017350662	DePuy Synthes Products, Inc.	2018341697	BNSF Railway Company
2017357003	Horton do Brasil Tecnologia Offshore, Ltda.	2018342751	Bellus Health Cough Inc.; Neomed Institute
2017357869	National University of Ireland, Galway	2018346105	Prevail Therapeutics, Inc.
2017361526	Société des Produits Nestlé S.A.	2018353156	Cipla USA, Inc
2017362676	Electrolux Appliances Aktiebolag	2018356583	Puratos
2017363892	Alnylam Pharmaceuticals, Inc.	2018366480	Grifols Diagnostic Solutions Inc.
2017364135	Recordati Industria Chimica E Farmaceutica S.p.A.	2018378035	Zoetis Services LLC
2017366197	Fisher And Paykel Healthcare Limited	2018379320	Progastrine et Cancers S.à r.l.
2017366761	University of Florida Research Foundation, Inc.	2018380299	Quanta Associates, L.P.
2017371071	Loma Linda University Health	2018383641	MAKO Surgical Corp.
2017374789	The Queen's University of Belfast	2018398489	GS Yuasa International Ltd.
2017375631	xCella Biosciences, Inc.	2018400795	Owens-Brockway Glass Container Inc.
2017375891	Karl Leibinger Medizintechnik GmbH & Co. KG	2018433913	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2017376115	C.R. Bard, Inc.	2018455720	Huang, H.; Zhou, X.; Chen, H.
2017387564	Delaval Holding AB	2019203228	DSI Tunneling LLC
2017392377	Foss Analytical A/S	2019207934	Marechal Electric
		2019213854	MyoKardia, Inc.

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2019222724	CommScope Technologies LLC	2020282947	Michigan Health Information Network Shared Services
2019227294	Senhwa Biosciences, Inc.	2020288567	Guangzhou Joyo Pharmatech Co., Ltd; Medshine Discovery Inc.
2019239097	Qualcomm Incorporated	2020294285	Kop-Coat, Inc.
2019244363	CMR Surgical Limited	2020295015	Rheavendors Services S.p.A.
2019252987	Brainstorm Cell Therapeutics Ltd.	2020296847	Netflix, Inc.
2019254367	igus GmbH	2020297015	Rheavendors Services S.p.A.
2019260241	Huawei Digital Power Technologies Co., Ltd.	2020306680	Welltec Oilfield Solutions AG
2019262174	Avery Dennison Corporation	2020313976	Percipadi, Inc.
2019267166	GlaxoSmithKline Intellectual Property Development Limited	2020316506	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.
2019288827	IROA Technologies, LLC	2020321288	FORSCHUNGSZENTRUM BORSTEL LEIBNIZ LUNGENZENTRUM
2019299431	True Velocity IP Holdings, LLC	2020326192	Tovis Co., Ltd.
2019301133	Raytheon Company	2020336442	Schlage Lock Company LLC
2019333452	Huawei Technologies Co., Ltd.	2020339623	Carl Zeiss Meditec AG
2019335453	Huawei Technologies Co., Ltd.	2020340265	Eli Lilly and Company
2019344400	Huawei Technologies Co., Ltd.	2020342303	Y Soft Corporation
2019350874	Major League Baseball Properties, Inc.	2020342392	Netflix, Inc.
2019379337	str8bat Sports Tech Solutions Pte. Ltd.	2020343846	Y Soft Corporation
2019385383	Zikani Therapeutics, Inc.; President and Fellows of Harvard College	2020344383	ARS Corporation
2019385732	Frestems Oy	2020345729	Memjet Technology Limited
2019389031	Chemocentryx, Inc.	2020347108	Buckman Laboratories International, Inc.
2019391397	Lipicare Life Sciences Ltd.	2020353829	Panasonic Holdings Corporation
2019394773	Corning Research & Development Corporation	2020354294	Veolia Water Solutions & Technologies Support
2019395740	BA GmbH	2020354916	Baker Hughes Oilfield Operations LLC
2019395884	Faradion Limited	2020359855	Vivo Mobile Communication Co., Ltd.
2019396997	LG Electronics Inc.	2020361630	Thomson Reuters Enterprise Centre GmbH
2019399601	Graphic Packaging International, LLC	2020364264	Colgate-Palmolive Company
2019399602	Graphic Packaging International, LLC	2020369070	Siemens Energy Global GmbH & Co. KG
2019401729	HK Inno.N Corporation	2020373037	ServiceNow, Inc.
2019406674	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC	2020376918	Pitco Frialator, Inc.
2019409946	Inventio AG	2020378647	Small Pharma Ltd
2019410394	Inventio AG	2020400286	EpinovaTech AB
2019417161	Surface Ophthalmics, Inc.	2020416567	Stamicarbon B.V.
2019426894	Crown Equipment Corporation	2020441876	BGI Genomics Co., Ltd; BGI Health (HK) Company Limited
2019434706	Light Steering Technologies, Inc.	2021200183	BBI Medical Innovations, LLC
2019440748	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shizhen Information Technology Co., Ltd.	2021200561	Revance Therapeutics, Inc.
2019445570	FMC Technologies do Brasil Ltda	2021201224	Boehringer Ingelheim Vetmedica GmbH
2019459228	Duesenfeld GmbH	2021201343	KOKI HOLDINGS CO., LTD.
2019464037	Syntex S.A.; Alejandro Dario Abentin	2021201685	Givens, R.; Klein, J.A.; McDorman, D.; Reuther, J.J.; Seidt, J.D.
2019473469	ZTE Corporation	2021201734	Nelson Irrigation Corporation
2019475080	Huawei Technologies Co., Ltd.	2021202060	Immatics Biotechnologies GmbH
2020207775	Janssen Biotech, Inc.	2021202130	Palmer Labs, LLC; 8 Rivers Capital, LLC
2020211935	Tempus EX Machina, Inc.	2021202301	NATIONAL INSTITUTES OF BIOMEDICAL INNOVATION, HEALTH AND NUTRITION; DAIICHI SANKYO COMPANY, LIMITED
2020212219	Huawei Technologies Co., Ltd.	2021202406	Stratus Medical, LLC
2020213688	Welltec Oilfield Solutions AG	2021202892	DUG Technology (Australia) Pty Ltd
2020213989	Purdue Pharma L.P.	2021202983	Parallel Wireless, Inc.
2020220059	Cibus US LLC; Cibus Europe B.V.	2021202989	Avent, Inc.
2020221403	West Coast Chain Mfg. Co.	2021203146	Illinois Tool Works Inc.
2020221558	Techtronic Cordless GP	2021203182	QuiaPEG Pharmaceuticals AB
2020224116	PPG Industries Ohio, Inc.	2021203279	Illinois Tool Works Inc.
2020224170	Xefco Pty Ltd	2021203527	Victaulic Company
2020229695	Resonado, Inc.	2021203589	KA'ANA WAVE COMPANY INC.
2020235322	Nicoventures Trading Limited	2021203802	Glory Ltd.
2020236937	Obsidian Therapeutics, Inc.	2021204288	Rearden, LLC
2020236989	Expedia, Inc.	2021204354	CSIdentity Corporation
2020240131	LuDela Technologies LLC	2021204368	Dominion Energy, Inc.
2020242072	Four Paws Products, Ltd.	2021204576	Huawei Technologies Co., Ltd.
2020255683	The Royal Institution for the Advancement of Learning / McGill University	2021204716	SenSen Networks Group Pty Ltd
2020260301	International Business Machines Corporation	2021204750	LG Electronics Inc.
2020260476	Prevail Therapeutics, Inc.	2021204778	DongGuan Koham Industrial Co., Ltd.
2020260479	Novo Nordisk A/S	2021205115	Zelira Therapeutics Operations Pty Ltd
2020260501	Sequenom, Inc.	2021209303	Genesis Systems LLC
2020266508	Boston Scientific Neuromodulation Corporation	2021209347	AccessClosure, Inc.
2020268836	ITM Isotope Technologies Munich SE	2021215112	INCYTE CORPORATION
2020269663	Kaishot Co., Ltd.; Uhm, H.	2021215161	Applied Medical Resources Corporation
2020270551	Medacta International SA	2021215170	LG Electronics Inc.
2020271761	SKYLOTEC GmbH		
2020273988	JCM American Corporation		

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2021215298	Hussmann Corporation	2022204669	Intuit Inc.
2021218000	MARA RENEWABLES CORPORATION	2022204862	Qualcomm Incorporated
2021218004	ALX Oncology Inc.	2022231756	Capture Actual Time Aus Pty Ltd
2021223289	Fronius International GmbH	2022263574	Bayer CropScience LP
2021229142	Novartis AG; Brien Holden Vision Institute	2022268403	GE Video Compression, LLC
2021231465	Building Robotics, Inc.	2022291645	BLUE EGGPLANT PTY LTD
2021232700	MVRX, Inc.	2022350408	YUNJING INTELLIGENCE (SHENZHEN) CO., LTD.; YUNJING INTELLIGENCE TECHNOLOGY (DONG- GUAN) CO., LTD.
2021234088	Adaptive Regelsysteme Gesellschaft m.b.H.	2023201380	Kunming University of Science and Technology
2021235527	International Business Machines Corporation	2023201549	Pipe Ex Pty Ltd
2021239295	Siemens Aktiengesellschaft	2023201637	Geopolymer Solutions LLC
2021240198	ELAFLEX HIBY GmbH & Co. KG	2023202399	Institute of Cash Crops, Xinjiang Academy of Agricultural Sciences; Awati Xinya Cotton Industry Co., Ltd.
2021240652	Yasukawa, M.; Lu, M.; Ng, Y.	2023202451	Gen-Probe Incorporated
2021245141	Wing Aviation LLC		
2021254529	Nulty, A.		
2021254622	The NOCO Company		
2021257883	Tencent America LLC		
2021257928	Google LLC		
2021263618	Talent Power Limited		
2021266204	Shandong University; Shandong Alesmart Intelligent Technology Co., Ltd.		
2021267471	Salesforce.com, Inc.		
2021269392	SAMSUNG ELECTRONICS CO., LTD.		
2021277642	Pindrop Security, Inc.		
2021277645	Arvinas, Inc.		
2021278089	SOS Solutions, Inc.		
2021282446	Top Cap Holding GmbH		
2021283746	Oxford BioDynamics PLC		
2021286267	Precision Planting LLC		
2021286307	Friedrich-Alexander-Universität Erlangen-Nuernberg; Fraunhofer Gesellschaft zur Förderung der Ange- wandten Forschung e.V.		
2021286387	Chevron U.S.A. Inc.		
2021290412	Precision Planting LLC		
2021293904	ELC Management LLC		
2021296746	Provost, B.		
2021298214	AudioMob Ltd		
2021310842	Fujian Changting Golden Dragon Rare-Earth Co., Ltd		
2021310843	Pylon Technologies Co., Ltd.		
2021310844	Fujian Changting Golden Dragon Rare-Earth Co., Ltd		
2021332597	SONOS, INC.		
2021335401	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN		
2021335415	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN		
2021338582	Advanced Materials Institute, Shandong Academy of Sciences		
2021354578	DAIKIN INDUSTRIES, LTD.		
2021354921	Sunrise SA		
2021364834	TERRA SONIC INTERNATIONAL, LLC		
2021366657	Katmai Tech LLC		
2021367793	L&P PROPERTY MANAGEMENT COMPANY		
2021367950	ELC MANAGEMENT LLC		
2021418958	Bistline, T.C.		
2021421274	SAIDIAN, S.		
2021437124	DROPBOX, INC.		
2022200149	Argenta Innovation Limited		
2022200416	Hahn-Schickard-Gesellschaft für angewandte Forschung e.V.; GS Elektromedizinische Geräte G. Stemple GmbH		
2022200584	Mobile Electronics Inc.		
2022200870	BASF Plant Science Company GmbH		
2022200960	Techtronic Cordless GP		
2022201147	Pierson Capital Environmental (Beijing) Limited		
2022201207	DuluxGroup (Australia) Pty Ltd		
2022201344	Precision Planting LLC		
2022201419	Apple Inc.		
2022201690	Angel Group Co., Ltd.		
2022202254	E Ink California, LLC		
2022202902	3ME Technology Pty Ltd		
2022203757	Ab Initio Technology LLC		
2022204345	Canva Pty Ltd		
2022204482	Intuit Inc.		

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2021286267 2021290412	<u>A01K 23 /-</u>	<u>A45F 5 /-</u>	2018205314	2016315852 2016413933 2017207291	2021200561 2021202060 2021202301
<u>A01B 63 /-</u>	2020242072	2018200840 2020221403	<u>A61B 17 /-</u>	2017291276 2017293950 2017307566	2021218004
2021286267 2021290412	<u>A01K 5 /-</u>	<u>A47B 23 /-</u>	2017350662 2017375891 2018383641	2017316614 2017321798 2017341815	<u>A61K 41 /-</u>
<u>A01B 69 /-</u>	2017387564	2022291645	2020270551 2021215161	2017348354 2017349921 2017363892	2020268836
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<u>A01B 79 /-</u>	2020294285	2019385732	2017357869 2018205314 2021202406	2018319594 2018321118 2018334272	2017207291 2017281631 2020268836
2021286267 2021290412 2022231756	<u>A01N 37 /-</u>	<u>A47B 5 /-</u>	<u>A61B 34 /-</u>	2019213854 2019227294 2019267166	<u>A61K 47 /-</u>
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<u>A01C 7 /-</u>	2018356583	<u>A47C 7 /-</u>	2019244363	2020288567 2020313976 2020378647	<u>A61K 48 /-</u>
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<u>A01G 25 /-</u>	<u>A23L 23 /-</u>	2018218302	2021200183 2021354921	2020268836 2020288567 2020313976	2016410262 2018230429 2020207775
2021201734 2022231756	2018221475	<u>A47F 5 /-</u>	<u>A61B 8 /-</u>	2022200149	2020268836
<u>A01G 3 /-</u>	<u>A23L 33 /-</u>	2019385732	2018205314	<u>A61K 33 /-</u>	<u>A61K 8 /-</u>
2020344383 2021204778	2017361526 2018221475	<u>A47G 19 /-</u>	<u>A61B 90 /-</u>	2017349921 2018251519	2020364264
<u>A01H 1 /-</u>	<u>A24F 40 /-</u>	2018218302	2020270551	<u>A61K 35 /-</u>	<u>A61K 9 /-</u>
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<u>A01G 25 /-</u>	<u>A42B 7 /-</u>	2020295015 2020297015 2021335401 2021335415	2021254529	2019252987	2017361526 2017364135 2018251519
2021201734 2022231756	2017235963	<u>A47J 37 /-</u>	<u>A61F 2 /-</u>	<u>A61K 36 /-</u>	2018319594 2019389031 2019391397
<u>A01H 5 /-</u>	<u>A43B 13 /-</u>	2020376918	2020339623 2021232700	2021205115	2019417161 2022200149
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<u>A01J 5 /-</u>	<u>A43B 7 /-</u>	2022350408	2017366761	2016315852 2016410262 2017207291	2018284306 2018319594
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2017283979 2018208740 2020242072	2017314483	<u>A47L 9 /-</u>	<u>A61G 3 /-</u>	2016303688 2016326666 2016356686	<u>A61M 16 /-</u>
<u>A01K 11 /-</u>	<u>A45C 11 /-</u>	2020221403	2019385732	2017321798 2017361526	2021201685
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<u>A01K 15 /-</u>	<u>A45D 34 /-</u>	2019406674	2017366761 2018249974		
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	2017349921	<u>B01D 15 /-</u>	2021203527	2021278089	<u>B65D 81 /-</u>
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	2018334272		<u>B21D 15 /-</u>	<u>B61L 23 /-</u>	2021293904
2021209347	2018455720	<u>B01D 27 /-</u>	2021203527	2022263574	<u>B65D 83 /-</u>
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	2020313976	2021335415	2021203527	2022263574	2019406674
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	2021202301	2021335401	<u>B22F 9 /-</u>	<u>B63B 35 /-</u>	<u>B65D 85 /-</u>
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2017366197	<u>A61P 37 /-</u>	<u>B01D 35 /-</u>	<u>B24B 3 /-</u>	<u>B63H 20 /-</u>	<u>B65G 15 /-</u>
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2018249974	2017361526	2021335415			
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2018304078	2021202301	2020416567	2020344383	2018380299	<u>B65G 63 /-</u>
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2021209347	<u>A61P 9 /-</u>	2020416567	2018231533	2018380299	<u>B65H 81 /-</u>
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		2020416567	2016425585	2021245141	<u>B66B 1 /-</u>
2020266508	<u>A61Q 15 /-</u>	2021201685	<u>B28C 9 /-</u>	<u>B65D 17 /-</u>	2019409946
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2018251519	<u>A62B 1 /-</u>	<u>B01D 71 /-</u>	<u>B32B 29 /-</u>	<u>B65D 47 /-</u>	2017285894
2020260479	2020271761	2017366761	2020242072	2019406674	<u>B66D 1 /-</u>
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2020268836	2020271761	2017276814	<u>B60C 11 /-</u>	2021282446	<u>B66F 3 /-</u>
		<u>B05B 1 /-</u>	<u>B60C 9 /-</u>	<u>B65D 53 /-</u>	2021278089
<u>A61P 21 /-</u>	<u>A62B 35 /-</u>	2021203589	2017228598	2021282446	<u>B66F 9 /-</u>
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2020313976	<u>A62C 35 /-</u>	<u>B05B 7 /-</u>	2017228598	2017314483	<u>B67D 7 /-</u>
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<u>C07C 211 /-</u>	<u>C07D 487 /-</u>	<u>C08B 37 /-</u>	<u>C10L 3 /-</u>	<u>C12Q 1 /-</u>	<u>D01B 1 /-</u>
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<u>D21B 1 /-</u>	<u>E04H 6 /-</u>	<u>E21B 47 /-</u>	2017276814	2017362676	<u>G01N 30 /-</u>
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2022201147	2020336442	<u>E21B 49 /-</u>	<u>F16G 13 /-</u>	<u>F25B 31 /-</u>	2017250663 2017260806 2017292377 2017371071 2017375631 2018203450 2018366480 2022200416 2022231756
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2022200584	2021266204 2022204482	<u>G07F 11 /-</u>	<u>G16Y 40 /-</u>	2019207934	2020236989
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<u>G06F 9 /-</u>	<u>G06T 19 /-</u>	2018222485	2019395884 2020224116	<u>H02S 50 /-</u>	<u>H04S 1 /-</u>
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<u>G06K 7 /-</u>	<u>G06T 9 /-</u>	2021277642	2018284134	<u>H04B 17 /-</u>	<u>H04W 16 /-</u>
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<u>G06M 11 /-</u>	<u>G06V 20 /-</u>	2018331317 2021286307	2017317188 2017340911 2018284134	<u>H04B 5 /-</u>	<u>H04W 4 /-</u>
2022201344	2020211935	<u>G10L 25 /-</u>	<u>H01Q 1 /-</u>	2020343846	2021202983 2021204288
<u>G06N 10 /-</u>	<u>G07C 9 /-</u>	2021277642	2020212219 2021231465 2021240652	<u>H04B 7 /-</u>	<u>H04W 52 /-</u>
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	<u>G07D 11 /-</u>	2018254595	2021231465	<u>H04L 12 /-</u>	<u>H04W 72 /-</u>
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	<u>G07D 9 /-</u>	2018254595	2021231465	<u>H04L 5 /-</u>	<u>H04W 74 /-</u>
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	<u>G16Y 20 /-</u>	2020321288	2021231465	<u>H04L 67 /-</u>	
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Certified Innovation Patents**Name Index**

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

China Railway No.8 Engineering Group Co., Ltd. see No.3 Engineering Company of China Railway No.8 Engineering Group Co., Ltd.
(21) 2021106549

- (71)** No.3 Engineering Company of China Railway No.8 Engineering Group Co., Ltd.; China Railway No.8 Engineering Group Co., Ltd.
(11) AU-B-2021106549
(21) 2021106549 **(22)** 23.08.2021
(54) A CONSTRUCTION METHOD FOR AN UNBONDED PRESTRESSED LARGE-DIAMETER REINFORCED-CONCRETE THIN-WALLED CIRCULAR TANK
(51) Int. Cl.
E04H 7/20 (2006.01)
E03F 5/18 (2006.01)
E04B 1/16 (2006.01)
E04B 1/682 (2006.01)
G01M 3/32 (2006.01)
(31) 202110061291.5 **(32)** 18.01.21 **(33)** CN
(45) 15.06.2023
(72) Liu, Jiayin; Wang, Zhiyong; Tang, Jianhe; Li, Chao; Wu, Dehui; Xi, Liping; Liu, Siming; Gong, Sikun; Zhao, Daiqiang
(74) Madderns Pty Ltd

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2021201367 **Fuzhou Autran Industrial Co., Ltd (BROLOCK PTY LTD)**

Opposition under Section 104(4) - Lodged

2021271942 **BROLOCK PTY LTD (TCT GROUP PTY LTD)**

Patents Granted

Standard Patents

2016247173	2016286112	2016303489	2016312610
2016325556	2016389838	2016419822	2017202128
2017204667	2017225116	2017232853	2017246741
2017249421	2017260015	2017261655	2017265469
2017271263	2017272275	2017272795	2017275652
2017276225	2017276304	2017283276	2017284182
2017287819	2017290723	2017292897	2017297766
2017298354	2017305523	2017305980	2017310528
2017311925	2017315326	2017326756	2017330583
2017334286	2017338086	2017338924	2017339558
2017340450	2017343366	2017345743	2017356192
2017356989	2017357084	2017359973	2017371814
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2017418045	2017421646	2017430229	2017430505
2018200245	2018203125	2018213264	2018215543
2018216067	2018222959	2018223213	2018224459
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2018238043	2018239357	2018242110	2018244146
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2018256929	2018262584	2018272840	2018276286
2018281876	2018283178	2018285664	2018287109
2018290859	2018296831	2018297305	2018301637
2018306623	2018309058	2018309420	2018311670
2018316542	2018319625	2018327277	2018329815
2018332146	2018335130	2018340854	2018349796
2018363439	2018364382	2018365772	2018373532
2018383191	2018395643	2018440274	2019201157
2019202342	2019207340	2019210970	2019212641
2019215293	2019249165	2019249835	2019253158
2019269893	2019281942	2019286133	2019296909
2019298854	2019313170	2019328475	2019331007
2019334152	2019339994	2019343627	2019348253
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2021203823	2021203847	2021204044	2021204108
2021204222	2021204449	2021204796	2021205037
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2022201084	2022201333	2022201597	2022202734
2022203270	2022263549		

Innovation Patents

2018102251 2023100043 2023100044

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 27.04.2023 , Patent 2021107597 in the name of **The Banktech Group Pty Ltd** has been revoked in relation to Examiner's Objection and subsequent revocation under Section s101B of the Patents Act.

Assignments Registered

1999045081 Basilea Pharmaceutica AG The patent has been assigned to **Basilea Pharmaceutica International AG**

2001028352 Basilea Pharmaceutica AG The patent has been assigned to **Basilea Pharmaceutica International AG**

2006202977 Erickson, Gary The patent has been assigned to **Coolsan Hygiene Solutions Pty Ltd**

2006203042 Werner International POC GmbH The patent has been assigned to **Werner Co Australia Pty Ltd**

2006235437 Crealta Pharmaceuticals LLC The patent has been assigned to **Horizon Therapeutics USA, Inc.**

2006235495 Crealta Pharmaceuticals LLC The patent has been assigned to **Horizon Therapeutics USA, Inc.**

2006332594 Fitness Anywhere, LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2006339865 Crealta Pharmaceuticals LLC The patent has been assigned to **Horizon Therapeutics USA, Inc.**

2008302429 Fitness Anywhere, LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2008302430 Fitness Anywhere, LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2008302432 Fitness Anywhere, LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2008304192 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2009244897 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2009251863 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2009262670 KemPharm Denmark A/S The patent has been assigned to **ZEVRA DENMARK A/S**

2009314153 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

Assignments Registered

2010265964 Crealta Pharmaceuticals LLC The patent has been assigned to **Horizon Therapeutics USA, Inc.**

2011223441 DUOJECT MEDICAL SYSTEMS INC. The patent has been assigned to **Simon Williams Pharma Consulting LLC**

2011257764 Crealta Pharmaceuticals LLC The patent has been assigned to **Horizon Therapeutics USA, Inc.**

2011293171 Fitness Anywhere LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2011336633 Fitness Anywhere, LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2013202235 KemPharm Denmark A/S The patent has been assigned to **ZEVRA DENMARK A/S**

2013219968 Mylan GmbH; Biocon Limited The patent has been assigned to **Biocon Limited; Biosimilars Newco Limited**

2013274288 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2013277476 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2013370215 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2014210620 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2015268039 Fluid Energy Group Ltd The patent has been assigned to **DORF KETAL CHEMICALS FZE**

2015268045 Fluid Energy Group Ltd The patent has been assigned to **DORF KETAL CHEMICALS FZE**

2015298504 Wave Optics Ltd The patent has been assigned to **Snap Inc.**

2015305413 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2015317447 KemPharm Denmark A/S The patent has been assigned to **ZEVRA DENMARK A/S**

2015365008 Sanden Holdings Corporation; The Coca-Cola Company The patent has been assigned to **The Coca-Cola Company; Sanden Retail Systems Corporation**

2015365265 Yokoi Manufacturing., Ltd. The patent has been assigned to **HATSUTA SEISAKUSHO Co., Ltd.**

2015366584 IntelliStent AG The patent has been assigned to **Heartpoint Global Inc.**

2016222788 Fred Hutchinson Cancer Research Center; Adaptive Biotechnologies Corp. The patent has been assigned to **Adaptive Biotechnologies Corp.; FRED HUTCHINSON CANCER CENTER**

2016242967 Fred Hutchinson Cancer Research Center; Adaptive Biotechnologies Corp. The patent has been assigned to **Adaptive Biotechnologies Corp.; FRED HUTCHINSON CANCER CENTER**

2016270658 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2016289265 Ceske vysoké uceni technicke v Praze The patent has been assigned to **ZAK, Josef**

Assignments Registered

2016293240 CFSSO GmbH The patent has been assigned to **INOVAL Technology Switzerland AG**

2016425639 Paver Technologies LLC The patent has been assigned to **DriBond Concrete Overlay Solutions, LLC**

2017204125 Magenta Therapeutics, Inc. The patent has been assigned to **CRISPR Therapeutics AG**

2017235933 Taylor, Fredrick The patent has been assigned to **Green Carbon, Inc.**

2017255959 KemPharm Denmark A/S The patent has been assigned to **ZEVRA DENMARK A/S**

2017283720 Portola Pharmaceuticals, Inc. The patent has been assigned to **Alexion Pharmaceuticals, Inc.**

2017301123 Fluid Energy Group Ltd. The patent has been assigned to **DORF KETAL CHEMICALS FZE**

2017311507 OMNI Solutions LLC The patent has been assigned to **Gurtler Industries, Inc.**

2017357775 ConnectWise, Inc.; Burgess, Stephen; Fulton, Craig; Bellini, Arnold The patent has been assigned to **ConnectWise, Inc.**

2017363883 Fitness Anywhere LLC The patent has been assigned to **JFXD TRX ACQ LLC.**

2018200503 Magenta Therapeutics, Inc. The patent has been assigned to **CRISPR Therapeutics AG**

2018244635 Wave Optics Ltd The patent has been assigned to **Snap Inc.**

2018282412 Sanden Holdings Corporation; The Coca-Cola Company The patent has been assigned to **The Coca-Cola Company; Sanden Retail Systems Corporation**

2019100633 WALKER, Kelly The patent has been assigned to **KLIPSTA IPCO PTY LTD**

2019261740 Grand Metal Aluminium Pty Ltd The patent has been assigned to **X Facade System Pty Ltd**

2020200158 Taylor, Fredrick The patent has been assigned to **Green Carbon, Inc.**

2020213348 Fred Hutchinson Cancer Research Center; Adaptive Biotechnologies Corporation The patent has been assigned to **Adaptive Biotechnologies Corporation; FRED HUTCHINSON CANCER CENTER**

2020257379 Shanghai Institute of Materia Medica, Chinese Academy of Sciences The patent has been assigned to **Shanghai Institute of Materia Medica, Chinese Academy of Sciences; Van Andel Research Institute**

2021102248 Beijing Sino-European-American Economic and Technological Development Center The patent has been assigned to **Beijing State Measurement Peiyuan Technology Co., Ltd.**

2021106742 Grand Metal Aluminium Pty Ltd The patent has been assigned to **X Facade System Pty Ltd**

2021107391 Smart Grid Solutions Pty Ltd The patent has been assigned to **Smart EV Solutions Pty Ltd**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2017246554 **Loxo Oncology, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Sep 2022

For the goods VITRAKVI larotrectinib

Applications Accepted

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

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

2018202441 **Karyopharm Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 08 Mar 2022

For the goods XPOVIO selinexor

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

Extensions granted

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

2011312417 **Agensys, Inc.; Seagen Inc.**

The earliest first regulatory approval date provided by the patentee 07 Jul 2022

For the goods PADCEV enfortumab vedotin

Extension of Term of patent pursuant to Section 77 expires on 29 Sep 2036

2015234335 **Agensys, Inc.; Seagen Inc.**

The earliest first regulatory approval date provided by the patentee 07 Jul 2022

For the goods PADCEV enfortumab vedotin

Extension of Term of patent pursuant to Section 77 expires on 29 Sep 2036

2017236047 **Agensys, Inc.; Seagen Inc.**

The earliest first regulatory approval date provided by the patentee 07 Jul 2022

For the goods PADCEV enfortumab vedotin

Extension of Term of patent pursuant to Section 77 expires on 29 Sep 2036

2020200395 **Chugai Seiyaku Kabushiki Kaisha**

The earliest first regulatory approval date provided by the patentee 17 Nov 2020

For the goods ENSPRYNG satralizumab

Extension of Term of patent pursuant to Section 77 expires on 17 Nov 2035

Corrigenda

In Vol 35 , No 27 , Page(s) 5633 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Chreto ApS, Application No. Chreto ApS, under INID (72) add co-inventor RASMUSSEN, Jerald

Corrigenda

In Vol 57 , No 21 , Page(s) 2932 under the heading **Assignments Before Grant, Section 113 - 2021** Under the name Tarkett, Inc., Application No. 2021333225, under INID (71) correct the applicant name to Tarkett Sports Canada, Inc.

In Vol 57 , No 21 , Page(s) 2969 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name GLOMESH INTL PTY LTD, Application No. 2021358138, under INID (31) remove 2020903610; under INID (32) remove the date 06.10.20; under INID (33) remove AU

In Vol 57 , No 5 , Page(s) 808 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Neurocrine Biosciences, Inc.; Sanofi, Application No. 2021289538, under INID (54) correct the title to read 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

Specifications Republished

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

2003224729	Amgen (Europe) GmbH
2018346562	Suez International
2019240270	Halter USA Inc
2019461161	Huawei Technologies Co., Ltd.
2021201648	Sharkninja Operating LLC