



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

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INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

<u>ITEM</u>	<u>INID 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	
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The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<u>Inventors names</u>	(72)
<u>Patent Attorneys</u>	(74)
Related by division	(62)

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

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

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

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

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:
- 1987-2022 Volume 1 - 36
 - 2023 - Volume 57 -

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 19 Mar 2024 .

(71) 1nventing 2morrow 2day pty ltd; costello, n. (21) 2024900754 (22) 20.03.2024 (54) Plant pot with separate internal chamber	(71) Brett, R. (21) 2024900799 (22) 25.03.2024 (54) Hinged roofrack	(71) CPR Group Australia Pty Ltd (21) 2024900781 (22) 22.03.2024 (54) A workstation for working at heights and components therefor
(71) Archer Materials Limited (21) 2024900773 (22) 22.03.2024 (54) An electron spin resonance spectroscopy system	(71) Breville Pty Limited (21) 2024900815 (22) 26.03.2024 (54) Kitchen appliance	(71) Crnokrak, M. (21) 2024900744 (22) 20.03.2024 (54) A system for remote control of electronic devices
(71) Beazley, W. (21) 2024900739 (22) 18.03.2024 (54) Double or single sided sheet metal thin film solar panel	(71) Carbelec Pty Ltd (21) 2024900792 (22) 25.03.2024 (54) ELECTROLYSIS OF CARBON DIOXIDE TO SOLID CARBON USING A MOLTEN CARBONATE-CONTAINING ELECTROLYTE	(71) Cumpson, P. (21) 2024900783 (22) 24.03.2024 (54) Device for limiting oxidation and/or chemically reducing metal oxides at surfaces.
(71) Beazley, W. (21) 2024900741 (22) 19.03.2024 (54) Erection process for vertically mounted solar fence	(71) Carden, B. (21) 2024900788 (22) 24.03.2024 (54) Modular Fitness Roller with Removable Power Unit, Light Therapy, and Vibrational Features	(71) Deakin University (21) 2024900757 (22) 21.03.2024 (54) Generation of carbon materials
(71) Bergen, W. (21) 2024900756 (22) 21.03.2024 (54) MARINE PLATFORM STAIRWAY	(71) Carlindi Pty Ltd (21) 2024900784 (22) 23.03.2024 (54) REAL ESTATE PERFORMANCE TRACKING METHODS AND APPARATUS	(71) Dealing in Design (21) 2024900800 (22) 25.03.2024 (54) Split-Twist Plaster Wall Anchor - a sliding split thread or cam anchoring system for plaster walls. any kind of Two matching components, jointed at a right angle that hinge to slide through a hole into a wall cavity and then close into a thread or came bolt, or any other mountable
(71) Bio-Protect Australia Pty Ltd (21) 2024900758 (22) 21.03.2024 (54) NANOPARTICLE ANTI-MICROBIAL COMPOSITION	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900807 (22) 26.03.2024 (54) APPARATUS AND PROCESS FOR CONTINUOUSLY PRODUCING A METAL	(71) Decarli, D.; Ibrahim, A.A. (21) 2024900818 (22) 26.03.2024 (54) ANIMAL BARRIER
(71) BOSS EMBOSSERS PTY LTD (21) 2024900803 (22) 26.03.2024 (54) FOOD EMULATION PRODUCT AND METHODS	(71) Cornerstone R&D Discoveries Pty Ltd (21) 2024900761 (22) 21.03.2024 (54) TORQUE APPARATUS	(71) Dottac Pty Ltd (21) 2024900782 (22) 22.03.2024 (54) A Tactile Indicator
(71) Brain Vector Pty Ltd (21) 2024900763 (22) 21.03.2024 (54) Induction of Positive Emotions in a Subject	costello, n. see 1nventing 2morrow 2day pty ltd (21) 2024900754	(71) DOXLE PTY LTD (21) 2024900759 (22) 21.03.2024 (54) Uploading floor plans and getting automated budgets and measurements

Provisional Applications Filed - Name Index cont'd

(71) Dr Stuart Kirkham Pty Ltd
(21) 2024900797 (22) 25.03.2024
(54) Shoulder prosthesis and fixation methods

(71) DuluxGroup (Australia) Pty Limited
(21) 2024900789 (22) 25.03.2024
(54) Fluid Applicator

(71) Flinders University
(21) 2024900753 (22) 20.03.2024
(54) CONCRETE COMPOSITIONS AND USES THEREOF

(71) Flinders University
(21) 2024900760 (22) 21.03.2024
(54) IMMUNOASSAY DEVICE AND METHOD

(71) Fortescue Metals Group Ltd
(21) 2024900745 (22) 20.03.2024
(54) Mining system

(71) Future Battery Industries CRC Ltd
(21) 2024900766 (22) 21.03.2024
(54) Formation Process

(71) GlassFit Australia Pty Ltd
(21) 2024900812 (22) 26.03.2024
(54) AN ELECTRICALLY INSULATED SPIGOT LINER AND METHOD OF USE THEREOF

(71) Greening Investments Pty Ltd
(21) 2024900765 (22) 21.03.2024
(54) ADJUSTMENT DEVICE

(71) Harmonie Health Pty Ltd
(21) 2024900820 (22) 26.03.2024
(54) Digital health platform to assist individuals suffering from Social isolation and loneliness.

(71) HENDERSON, D.; RAJENDRAM, G.
(21) 2024900802 (22) 26.03.2024
(54) LIMING MATERIAL

(71) Hygiene Innovations Pty Ltd
(21) 2024900808 (22) 26.03.2024
(54) Urinal hygiene device

Ibrahim, A.A. see Decarli, D.
(21) 2024900818

(71) Immuno-Tx PTY LTD
(21) 2024900768 (22) 22.03.2024
(54) Method for the Detection of Anti-Idiotypic HLA Antibodies using Bead-Based Flow Technology

(71) Immuno-Tx PTY LTD
(21) 2024900769 (22) 22.03.2024
(54) Treatment of antibody-mediated rejection (AMR) in solid organ transplant using anti-idiotypic HLA antibodies involves targeting and neutralizing the pathogenic donor-specific anti-HLA antibodies (DSAs) produced by the recipient's immune system

(71) Immuno-Tx PTY LTD
(21) 2024900770 (22) 22.03.2024
(54) Method for the Fractionation of Anti-Idiotypic HLA Antibodies from Human Plasma

(71) Imtrade Australia Pty Ltd
(21) 2024900796 (22) 25.03.2024
(54) Formulations

(71) Innovative Renewables
(21) 2024900755 (22) 20.03.2024
(54) Inverter backup interface unit

(71) Integrated Plastics Pty Limited
(21) 2024900814 (22) 26.03.2024
(54) PREFORM PREHEATING IN A CONTINUOUSLY ROTATING STRETCH BLOW MOULDING MACHINE

(71) Jangodaz, E.; Telfer, S.
(21) 2024900804 (22) 26.03.2024
(54) MULTIVARIATE METAL-ORGANIC FRAMEWORKS

(71) KC8 CAPTURE TECHNOLOGIES LTD
(21) 2024900748 (22) 20.03.2024
(54) A PROCESS AND PLANT

(71) Kerr, B.
(21) 2024900499 (22) 28.02.2024
(54) Hydrogen Fuel Compact High Output Power Supply

(71) Knight, S.
(21) 2024900785 (22) 24.03.2024
(54) Clothes Hanging Device – Laundry Clothesline to Wardrobe Hanger System

(71) Lam, T.T.
(21) 2024900786 (22) 24.03.2024
(54) T-SHAPED STRUCTURES AND I-SHAPED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024900787 (22) 24.03.2024
(54) SHELL-LIKE STRUCTURES AND WHEEL-LIKE STRUCTURES AND HUB-SUSPENDED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) lee, m.
(21) 2024900790 (22) 25.03.2024
(54) TILE INSERT LONG WATER DRAIN DESIGNED TO EFFICIENTLY REDIRECT WASTE WATER AND PREVENT MOULD FROM GROWING

(71) Magellan Stem Cells Pty Ltd
(21) 2024900771 (22) 22.03.2024
(54) Method

(71) Mohamed, A.
(21) 2024900805 (22) 26.03.2024
(54) PETS STOOL COLLECTION APPARATUS

(71) Monash University
(21) 2024900817 (22) 26.03.2024
(54) Engineered neuropeptide and extracellular matrix proteins

(71) Morrison, M.
(21) 2024900795 (22) 25.03.2024
(54) Devulcanized, Partially Devulcanized, or Virgin Rubber Aggregate and Steel Fiber Reinforced Concrete Post

(71) Morrison, M.
(21) 2024900824 (22) 27.03.2024
(54) Method for Producing Partially Devulcanized Rubber Aggregate with Improved Bonding and Reduced Flexibility

(71) MORSE MICRO PTY. LTD.
(21) 2024900767 (22) 22.03.2024
(54) Methods and Devices with Duplicate Mode classification

(71) Murdoch Children's Research Institute
(21) 2024900798 (22) 25.03.2024
(54) Haematopoietic stem/progenitor cells and methods for their production

Nissui Cooperation see Seascape Restorations Australia, T/A Immersion Group
(21) 2024900751

Nissui Cooperation see Seascape Restorations Australia, T/A Immersion Group
(21) 2024900752

Provisional Applications Filed - Name Index cont'd

(71) NTHALMIC HOLDING PTY LTD; Zhong
Jing Wei Shi (Suzhou) Optical Techno-
logy Ltd.
(21) 2024900825 (22) 27.03.2024
(54) Smart Wearable Device To Treat
Meibomian Gland Deficiencies

(71) Palmaya Pty Ltd
(21) 2024900774 (22) 22.03.2024
(54) A Method of Detoxification to Prevent
Death

(71) Pickering, T.
(21) 2024900801 (22) 25.03.2024
(54) COMPUTER-IMPLEMENTED METH-
OD FOR GENERATING A PRODUCT
DEMONSTRATION VIDEO

RAJENDRAM, G. see HENDERSON, D.
(21) 2024900802

(71) RehabExo Pty Ltd
(21) 2024900794 (22) 25.03.2024
(54) POWER ASSISTANCE DEVICE

(71) RenuCare Australia
(21) 2024900822 (22) 26.03.2024
(54) Pot Holder

(71) ResMed Pty Ltd
(21) 2024900806 (22) 26.03.2024
(54) POSITIONING, STABILISING, AND
INTERFACING STRUCTURES AND
SYSTEM INCORPORATING SAME

(71) ResMed Pty Ltd
(21) 2024900809 (22) 26.03.2024
(54) POSITIONING, STABILISING, AND
INTERFACING STRUCTURES AND
SYSTEM INCORPORATING SAME

(71) ResMed Pty Ltd
(21) 2024900826 (22) 27.03.2024
(54) DEVICE FOR RETAINING HUMIDITY
IN A PATIENT INTERFACE

(71) Royal Melbourne Institute of Techno-
logy
(21) 2024900776 (22) 22.03.2024
(54) Strut Structure

(71) Royal Melbourne Institute of Techno-
logy
(21) 2024900827 (22) 27.03.2024
(54) CO2 electrolysis system

(71) Ruscoe, G.
(21) 2024900777 (22) 22.03.2024
(54) A conveyor

Sabic, Z. see Stojanovic, L.
(21) 2024900823

(71) Samson Coffee Group Pty Ltd
(21) 2024900819 (22) 26.03.2024
(54) APPARATUS FOR BREWING FILTER
COFFEE

(71) Seascope Restorations Australia, T/A
Immersion Group
(21) 2024900750 (22) 20.03.2024
(54) A Method of Enhancing Metabolite Pro-
duction Through Post-Harvest Light
Control

(71) Seascope Restorations Australia, T/A
Immersion Group; Nissui Cooperation
(21) 2024900751 (22) 20.03.2024
(54) A Method of Enhancing Metabolite Pro-
duction

(71) Seascope Restorations Australia, T/A
Immersion Group; Nissui Cooperation
(21) 2024900752 (22) 20.03.2024
(54) A Method of Enhancing Metabolite Pro-
duction Through Physical Stress

(71) Southern Cross Small Arms Pty Ltd
(21) 2024900791 (22) 25.03.2024
(54) An Improved Bolt, Barrel Extension and
Assembly

(71) Southern Green Gas Limited
(21) 2024900793 (22) 25.03.2024
(54) Atmospheric Carbon Dioxide Extractor
Cassette

(71) SPARK3D PTY LTD
(21) 2024900821 (22) 26.03.2024
(54) A Method and Apparatus for Manufac-
turing a Patterned Substrate or Device

(71) STARPHARMA PTY LTD
(21) 2024900811 (22) 26.03.2024
(54) Targeted Dendrimer Conjugates

(71) STARPHARMA PTY LTD
(21) 2024900816 (22) 26.03.2024
(54) Targeted Dendrimer Conjugates

(71) Stojanovic, L.; Sabic, Z.
(21) 2024900823 (22) 26.03.2024
(54) Ventilation Diffuser- Smart Cooling

(71) Tankless Pty Ltd
(21) 2024900762 (22) 21.03.2024
(54) Water Holding System

(71) Technological Resources Pty. Limited
(21) 2024900749 (22) 20.03.2024
(54) METALLIFEROUS ORE DIRECT RE-
DUCTION

Telfer, S. see Jangodaz, E.
(21) 2024900804

(71) Telix International Pty Ltd
(21) 2024900813 (22) 26.03.2024
(54) Combination Therapy

**The Liverpool School of Tropical Medicine
see The University of Sydney**
(21) 2024900779

(71) The Trustee for WTST Family Trust
(21) 2024900778 (22) 22.03.2024
(54) Integrated Process for Enhancing Dent-
al Restoration Topography: Direct Met-
al Laser Sintering (DMLS), Selective
Laser Sintering (SLS), or Similar Addi-
tive Manufacturing Techniques Coupled
with CNC Milling

(71) The University of Melbourne
(21) 2024900764 (22) 21.03.2024
(54) Fabrication of 3D Objects

(71) The University of Sydney
(21) 2024900747 (22) 20.03.2024
(54) Method of determining a motion of an
organ

(71) The University of Sydney; The Liver-
pool School of Tropical Medicine
(21) 2024900779 (22) 22.03.2024
(54) A new broad acting antidote for venom-
induced injury including local tissue
damage and/or skin irritation

(71) Trihey, A.
(21) 2024900772 (22) 22.03.2024
(54) Distillation Device

(71) UCAN OSTOMY SYSTEMS PTY LTD
(21) 2024900780 (22) 22.03.2024
(54) Flushable Ostomy Pouch and Applic-
ations comprising a Biodegradable
Flushable Barrier

(71) WANG, S.
(21) 2024900810 (22) 26.03.2024
(54) A RATCHET TIE-DOWN

(71) Xenocore Pty Ltd
(21) 2024900775 (22) 22.03.2024
(54) A multi tool

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(71) Yaramen Pty Ltd
(21) 2024900746 (22) 20.03.2024
(54) Pilot avoidance camera

Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd. see NTHALMIC HOLDING PTY LTD
(21) 2024900825

(71) Zydex Pty Ltd
(21) 2023904035 (22) 13.12.2023
(54) A DEVICE FOR MAKING A STEREO-LITHOGRAPHIC OBJECT

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2024900499	Kerr, B.	2024900806	ResMed Pty Ltd
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2024900760	Flinders University	2024900825	NTHALMIC HOLDING PTY LTD; Zhong Jing Wei Shi (Suzhou) Optical Technology Ltd.
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2024900767	MORSE MICRO PTY. LTD.		
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2024900776	Royal Melbourne Institute of Technology		
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2024900798	Murdoch Children's Research Institute		
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2024900803	BOSS EMBOSSERS PTY LTD		
2024900804	Jangodaz, E.; Telfer, S.		

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Applications listed below were processed through the Patent Office Canberra during the period ending 19 Mar 2024 .

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

<hr/> <p>(71) 2840629 ONTARIO INC. (21) 2024201951 (22) 26.03.2024 (54) Organizer wall panel assembly</p> <hr/> <p>(71) ABUS August Bremicker Söhne KG (21) 2024201920 (22) 26.03.2024 (54) PROTECTIVE HELMET</p> <hr/> <p>(71) ABUS August Bremicker Söhne KG (21) 2024201939 (22) 26.03.2024 (54) LOCK</p> <hr/> <p>(71) ABUS August Bremicker Söhne KG (21) 2024201940 (22) 26.03.2024 (54) A JOINT BAR ARRANGEMENT FOR A JOINT BAR LOCK AND A JOINT BAR LOCK</p> <hr/> <p>(71) Achillion Pharmaceuticals, Inc. (21) 2024201826 (22) 20.03.2024 (54) Aryl, Heteroary, And Heterocyclic Pharmaceutical Compounds For Treatment Of Medical Disorders</p> <hr/> <p>(71) Acres Technology (21) 2024201825 (22) 20.03.2024 (54) Personal Electronic Device</p> <hr/> <p>(71) AEON BioPharma, Inc. (21) 2024201909 (22) 25.03.2024 (54) NEUROTOXIN COMPOSITIONS FOR USE IN TREATING CARDIOVASCULAR DISORDERS</p> <hr/> <p>(71) Alessi, P. (21) 2024201866 (22) 21.03.2024 (54) Brush harvesters operable by hand and by a vehicle</p> <hr/> <p>(71) ALGOFORCE PTY LTD (21) 2024201954 (22) 26.03.2024 (54) Metal Detector with Ambient Sound Control</p> <hr/> <p>(71) ALGOFORCE PTY LTD (21) 2024201955 (22) 26.03.2024 (54) New Method for Detecting Fast Time Constant Targets Using a Time Domain Metal Detector</p>	<hr/> <p>(71) Alpine Immune Sciences, Inc. (21) 2024201931 (22) 26.03.2024 (54) PD-L1 variant immunomodulatory proteins and uses thereof</p> <hr/> <p>(71) Amgen Inc. (21) 2024201835 (22) 21.03.2024 (54) PLUNGER ROD AND SYRINGE ASSEMBLY SYSTEM AND METHOD</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024201855 (22) 21.03.2024 (54) Disposal box for used playing cards</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2024201979 (22) 27.03.2024 (54) Management system for table games, substitute currency for gaming, inspection device, and management system of substitute currency for gaming</p> <hr/> <p>(71) Apple Inc. (21) 2024201844 (22) 21.03.2024 (54) User interfaces for retrieving contextually relevant media content</p> <hr/> <p>(71) Apple Inc. (21) 2024201899 (22) 25.03.2024 (54) Systems, methods, and graphical user interfaces for annotating, measuring, and modeling environments</p> <hr/> <p>(71) Applied Medical Resources Corporation (21) 2024201948 (22) 26.03.2024 (54) Advanced first entry model for surgical simulation</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024201961 (22) 27.03.2024 (54) CASINO PAYMENT SYSTEM AND METHOD WITH INTEROPERABILITY IN CASINO ENVIRONMENTS</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2024201962 (22) 27.03.2024 (54) GUI FOR FEATURE GAME WITH HOLD-AND-SPIN FUNCTIONALITY AND ROAMING SELECTED SYMBOL POSITIONS</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2024201963 (22) 27.03.2024 (54) SYSTEMS AND METHODS FOR AUTOMATIC LIGHTING CONFIGURATION OF A CABINET</p> <hr/> <p>(71) Arixa Pharmaceuticals, Inc. (21) 2024201877 (22) 22.03.2024 (54) Orally administered combinations of beta-lactam antibiotics and avibactam derivatives for treating bacterial infections</p> <hr/> <p>(71) Arlec Australia Pty Ltd (21) 2024201914 (22) 25.03.2024 (54) Heater panel</p> <hr/> <p>(71) ATNX SPV, LLC (21) 2024201828 (22) 20.03.2024 (54) Methods of treating and/or preventing actinic keratosis</p> <hr/> <p>(71) AxoGen Corporation (21) 2024201965 (22) 27.03.2024 (54) CONNECTOR AND WRAP FOR END-TO-SIDE NERVE COAPTATION</p> <hr/> <p>(71) Banger, B. (21) 2024201830 (22) 20.03.2024 (54) Volume Damper Insert</p> <hr/> <p>(71) Becton, Dickinson and Company (21) 2024201851 (22) 21.03.2024 (54) COVER FOR TISSUE PENETRATING DEVICE WITH INTEGRATED MAGNETS AND MAGNETIC SHIELDING</p> <hr/> <p>Beijing Forestry University see Hangzhou BIBAU Biotechnology Co., Ltd. (21) 2024201854</p> <hr/> <p>(71) Bekaert Wire Ropes Pty Ltd; Bridon International Ltd. (21) 2024201859 (22) 21.03.2024 (54) Mining rope with reinforced polymer jacket</p> <hr/> <p>(71) BGC Partners, Inc (21) 2024201894 (22) 24.03.2024</p>
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(54) SYSTEMS AND METHODS FOR PROVIDING NON-FULLY-TRANSPARENT MARKETS

(71) BioMarin Pharmaceutical Inc.
(21) 2024201852 (22) 21.03.2024
(54) Use of C-type natriuretic peptide variants to treat osteoarthritis

(71) Black & Decker Inc.
(21) 2024201901 (22) 25.03.2024
(54) CIP metal actuated deck insert

(71) Boddington, T.
(21) 2024201846 (22) 21.03.2024
(54) ADAPTABLE CONTAINER AND NOVEL CLOSURE

(71) Bold Limited
(21) 2024201837 (22) 21.03.2024
(54) Screenshot Prevention for Protected Content

(71) Bold Limited
(21) 2024201934 (22) 26.03.2024
(54) A method of creating an enhanced document

(71) Bold Limited
(21) 2024201935 (22) 26.03.2024
(54) Method of generating a Structured Document

(71) Bold Limited
(21) 2024201936 (22) 26.03.2024
(54) A method of processing an enhanced document

(71) Boyle, N.
(21) 2024201917 (22) 25.03.2024
(54) WATER SAFETY ALARM AND SUPERVISION AID INCLUDING METHODOLOGY EMBODIED IN THE ALARM FOR ALERTING A THIRD PARTY VIA A COMMUNICATIONS NETWORK

Bridon International Ltd. see Bekaert Wire Ropes Pty Ltd
(21) 2024201859

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

(71) Burgis, W.; Burgis, A.
(21) 2024201924 (22) 26.03.2024
(54) TOILET HYGIENE APPARATUS

(71) CFPH, LLC
(21) 2024201929 (22) 26.03.2024
(54) TIERED GAMING

(71) China National Institute of Standardization
(21) 2024201891 (22) 22.03.2024
(54) Detection Method For Amylose In Grains

(71) Chugai Saiyaku Kabushiki Kaisha
(21) 2024201884 (22) 22.03.2024
(54) Pyrazolopyridine Derivative Having GLP-1 Receptor Agonist Effect

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2024201928 (22) 26.03.2024
(54) Object Monitoring

(71) ConverGene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services
(21) 2024201890 (22) 22.03.2024
(54) Bicyclic BET bromodomain inhibitors and uses thereof

(71) Coulter Ventures LLC
(21) 2024201829 (22) 20.03.2024
(54) Weightlifting rack assembly and wall mount bracket for a weightlifting rack assembly

CP Pharmaceutical Qingdao Co., Ltd. see Marine Biomedical Research Institute of Qingdao Co., Ltd.
(21) 2024201840

(71) Curie Interventional Robotics Pty LTD
(21) 2024201861 (22) 21.03.2024
(54) Clamping mechanism

(71) Curis Inc.
(21) 2024201938 (22) 26.03.2024
(54) Crystal forms of immunomodulators

Daifuku Co., Ltd. see Daifuku Intralogistics America Corporation
(21) 2024201974

Daifuku Co., Ltd. see Daifuku Intralogistics America Corporation
(21) 2024201975

Daifuku Co., Ltd. see Daifuku Intralogistics America Corporation
(21) 2024201976

Daifuku Co., Ltd. see Daifuku Intralogistics America Corporation
(21) 2024201977

Daifuku Co., Ltd. see Daifuku Intralogistics America Corporation
(21) 2024201978

(71) Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
(21) 2024201974 (22) 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MANIPULATION SYSTEM AND METHOD FOR ROBOTIC TRUCK UNLOADER THAT UNLOADS/UNPACKS PRODUCT FROM TRAILERS AND CONTAINERS

(71) Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
(21) 2024201975 (22) 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MANIPULATION SYSTEM AND METHOD FOR ROBOTIC TRUCK UNLOADER THAT UNLOADS/UNPACKS PRODUCT FROM TRAILERS AND CONTAINERS

(71) Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
(21) 2024201976 (22) 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MANIPULATION SYSTEM AND METHOD FOR ROBOTIC TRUCK UNLOADER THAT UNLOADS/UNPACKS PRODUCT FROM TRAILERS AND CONTAINERS

(71) Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
(21) 2024201977 (22) 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MANIPULATION SYSTEM AND METHOD FOR ROBOTIC TRUCK UNLOADER THAT UNLOADS/UNPACKS PRODUCT FROM TRAILERS AND CONTAINERS

(71) Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
(21) 2024201978 (22) 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MANIPULATION SYSTEM AND METHOD FOR ROBOTIC TRUCK UNLOADER THAT UNLOADS/UNPACKS PRODUCT FROM TRAILERS AND CONTAINERS

(71) Daikin Industries, Ltd.
(21) 2024201902 (22) 25.03.2024
(54) Oil management system for multiple compressors

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(71) Deere & Company
(21) 2024201971 (22) 27.03.2024
(54) Monitoring an IC engine of a forest harvester

(71) Dexter Axle Company LLC
(21) 2024201972 (22) 27.03.2024
(54) Trailer hitch assembly with a sensor

(71) Diebec Matrices Ltee
(21) 2024201864 (22) 21.03.2024
(54) DIE BLOCK, STEEL-RULE DIE ASSEMBLY COMPRISING THE SAME, AND METHOD THEREOF

(71) Disney Enterprises, Inc.
(21) 2024201847 (22) 21.03.2024
(54) TELEPRESENCE SYSTEM

(71) Dolby International AB
(21) 2024201885 (22) 22.03.2024
(54) Method and apparatus for generating from a coefficient domain representation of HOA signals a mixed spatial/coefficient domain representation of said HOA signals

(71) DUAL INVENTIVE HOLDING B.V.
(21) 2024201984 (22) 27.03.2024
(54) SELF-DETECTING SHUNT BAR

(71) Dunstan, J.
(21) 2024201933 (22) 26.03.2024
(54) Ratchet with reverse function

(71) F. Hoffmann-La Roche AG
(21) 2024201873 (22) 22.03.2024
(54) Nucleic acid molecule for reduction of PAPD5 and PAPD7 mRNA for treating hepatitis B infection

(71) Farraji, H.
(21) 2024201821 (22) 20.03.2024
(54) Turbulation apparatus

(71) Feleke, M.
(21) 2024201893 (22) 24.03.2024
(54) AR-Guided Microscopic Laser System for Real-Time Tumour Detection

(71) Feleke, M.
(21) 2024201895 (22) 24.03.2024
(54) AR-Guided Microscopic Laser System for Real-Time Tumour Detection

(71) Feleke, M.
(21) 2024201896 (22) 24.03.2024
(54) AR-Guided Microscopic Laser System for Real-Time Tumour Detection

(71) Fermentalg
(21) 2024201833 (22) 20.03.2024
(54) Purification of Phycobiliproteins

(71) Fisher & Paykel Healthcare Limited
(21) 2024201836 (22) 21.03.2024
(54) FLOW PATH SENSING FOR FLOW THERAPY APPARATUS

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024201843 (22) 21.03.2024
(54) HEADGEAR CLIP ARRANGEMENT

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2024201942 (22) 26.03.2024
(54) RESPIRATORY MASK WITH NASO-GASTRIC TUBE PATH

(71) Gaida, J.C.
(21) 2024201881 (22) 22.03.2024
(54) Apparatus for generating power from a fluid and method thereof

(71) Galvion Incorporated
(21) 2024201845 (22) 21.03.2024
(54) SYSTEM FOR FORMING A DEEP DRAWN HELMET AND METHOD THEREFOR

(71) Gee, S.
(21) 2024201985 (22) 27.03.2024
(54) A combination square blade

(71) Genzyme Corporation
(21) 2024201853 (22) 21.03.2024
(54) Early post-transfection isolation of cells (EPIC) for biologics production

(71) Georg Fischer Rohrleitungssysteme AG
(21) 2024201946 (22) 26.03.2024
(54) Wireless power transfer

(71) Gilead Sciences, Inc.
(21) 2024201832 (22) 20.03.2024
(54) Processes for preparing Toll-like receptor modulator compounds

(71) Globberide, Inc.
(21) 2024201970 (22) 27.03.2024
(54) FISHING REEL

(71) Google LLC
(21) 2024201831 (22) 20.03.2024
(54) QUANTUM CIRCUIT OPTIMIZATION USING WINDOWED QUANTUM ARITHMETIC

(71) Green Li-Ion PTE. LTD.
(21) 2024201960 (22) 27.03.2024
(54) Process for removing impurities in the recycling of lithium-ion batteries

(71) Hangzhou BIBAU Biotechnology Co., Ltd.; Beijing Forestry University
(21) 2024201854 (22) 21.03.2024
(54) EGG WHITE PROTEIN ANTI-INFLAMMATORY PEPTIDE AND APPLICATION THEREOF

(71) Hiab AB
(21) 2024201944 (22) 26.03.2024
(54) Lift frame assembly

(71) Higgins, C.
(21) 2024201822 (22) 20.03.2024
(54) Distributed ledger systems, methods and devices

(71) Higgins, C.
(21) 2024201824 (22) 20.03.2024
(54) Distributed Ledger Computing Platforms and Associated Methods, Systems and Devices

(71) Hitachi, Ltd.
(21) 2024201882 (22) 22.03.2024
(54) Data recording device and data recording method

(71) Huawei Technologies Co., Ltd.
(21) 2024201839 (22) 21.03.2024
(54) LINK IDENTIFIER INDICATION METHOD, TRANSCIVE CAPABILITY INDICATION METHOD, AND RELATED DEVICE

(71) Huawei Technologies Co., Ltd.
(21) 2024201857 (22) 21.03.2024
(54) METHOD AND DEVICE FOR BIDIIRECTIONAL INTER FRAME PREDICTION

(71) Hysential Pty Ltd
(21) 2024201953 (22) 26.03.2024
(54) A Twin Tissue Dispenser

(71) IDEAL Industries, Inc.
(21) 2024201817 (22) 20.03.2024
(54) Conductor Terminal

(71) IGT
(21) 2024201904 (22) 25.03.2024
(54) Personal Progress Charms

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(71) Illinois Tool Works Inc. (21) 2024201867 (22) 21.03.2024 (54) Apparatus and method for reducing airborne dust	(71) LG ELECTRONICS INC. (21) 2024201850 (22) 21.03.2024 (54) Refrigerator	ants with a synthetic bioensemble of microbes
(71) Illinois Tool Works Inc. (21) 2024201868 (22) 21.03.2024 (54) Apparatus and method for dust removal	(71) LG ELECTRONICS INC. (21) 2024201959 (22) 27.03.2024 (54) CLOTHES TREATMENT APPARATUS	(71) Neolitics, Inc. (21) 2024201875 (22) 22.03.2024 (54) Adaptive optical analyzer with automatic drift control and high dynamic range
(71) Immunwork Inc. (21) 2024201892 (22) 23.03.2024 (54) COMPOSITE POLYPEPTIDE HAVING A METAL BINDING MOTIF AND MOLECULAR CONSTRUCT COMPRISING THE SAME	(71) Lyras, D. (21) 2024201858 (22) 21.03.2024 (54) Microprocessor including a model of an enterprise	(71) Novartis AG; The Trustees of the University of Pennsylvania (21) 2024201926 (22) 26.03.2024 (54) Human mesothelin chimeric antigen receptors and uses thereof
(71) Inovio Pharmaceuticals, Inc. (21) 2024201842 (22) 21.03.2024 (54) Cancer vaccines targeting BORIS and uses thereof	(71) Magic Leap, Inc. (21) 2024201816 (22) 20.03.2024 (54) Power supply assembly with fan assembly for electronic device	(71) Novo Nordisk A/S (21) 2024201937 (22) 26.03.2024 (54) Liraglutide in cardiovascular conditions
(71) Intuit Inc. (21) 2024201950 (22) 26.03.2024 (54) Image-based document search using machine learning	(71) Marine Biomedical Research Institute of Qingdao Co., Ltd.; CP Pharmaceutical Qingdao Co., Ltd. (21) 2024201840 (22) 21.03.2024 (54) Application of glucan in preparation of drug	(71) NVIDIA Corporation (21) 2024201907 (22) 25.03.2024 (54) Dynamic weight updates for neural networks
(71) Janssen Pharmaceutica NV (21) 2024201871 (22) 22.03.2024 (54) Cancer treatment	(71) Materialytics, LLC (21) 2024201820 (22) 20.03.2024 (54) DISTRIBUTED LEDGER FOR PHYSICAL MATERIAL	(71) PGS Geophysical AS (21) 2024201915 (22) 25.03.2024 (54) Methods and systems for application of wax on geophysical streamers
(71) Jinko Energy Storage Technology Co., Ltd. (21) 2024201819 (22) 20.03.2024 (54) LIQUID COOLING PLATE AND BATTERY PACK	(71) Matterport, Inc. (21) 2024201887 (22) 22.03.2024 (54) System and method of capturing and generating panoramic three-dimensional images	(71) Philogen S.p.A. (21) 2024201834 (22) 20.03.2024 (54) TNF α immunoconjugate therapy for the treatment of brain tumors
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(71) JM & ZC HOLDINGS PTY LTD (21) 2024201930 (22) 26.03.2024 (54) TOW HITCH APPARATUS	(71) Merlo Project S.r.l. (21) 2024201869 (22) 22.03.2024 (54) A LIFTING VEHICLE WITH TILTING CAB	(71) PIONEER MATERIAL PRECISION TECH CO., LTD. (21) 2024201983 (22) 27.03.2024 (54) BIOMIMETIC TURTLE
(71) KEDING ENTERPRISES CO., LTD (21) 2024201921 (22) 26.03.2024 (54) HIGH-PRESSURE LAMINATE PANEL	(71) Merlo Project S.r.l. (21) 2024201870 (22) 22.03.2024 (54) A PORTABLE RADIO-CONTROLLED DEVICE FOR A MULTIFUNCTIONAL LIFTING VEHICLE	(71) Recipharm Laboratories, Inc. (21) 2024201872 (22) 22.03.2024 (54) Composition for use in pressurised dispensing container
(71) Kleen Hy-Dro-Gen Inc. (21) 2024201957 (22) 26.03.2024 (54) Process and apparatus for combusting hydrogen	(71) National Research Council of Canada (21) 2024201813 (22) 20.03.2024 (54) Blood-brain barrier transmigration compounds and uses thereof	(71) RePipe Pty Ltd (21) 2024201952 (22) 26.03.2024 (54) Methods and Systems for Providing and Receiving Information for Risk Management in the Field
(71) LG Electronics Inc. (21) 2024201923 (22) 26.03.2024 (54) Slice and tile configuration for image/video coding	(71) Native Microbials, Inc. (21) 2024201880 (22) 22.03.2024 (54) Methods for supporting grain intensive and/or energy intensive diets in ruminants	(71) RESPIRI LIMITED (21) 2024201911 (22) 25.03.2024 (54) COUGH DETECTION SYSTEM, METHOD, AND DEVICE

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(71) RISK MANAGEMENT SOLUTIONS HOLDINGS PTY LTD
(21) 2024201903 (22) 25.03.2024
(54) Asset & Risk Management Recording, Monitoring and Processing App and Platform System

(71) Robel Bahnbaumaschinen GmbH
(21) 2024201980 (22) 27.03.2024
(54) PROCESSING MACHINE AND METHOD FOR TRACK PROCESSING

(71) Rollease Acmeda, Inc.
(21) 2024201910 (22) 25.03.2024
(54) Wand for a cord driven blind assembly

(71) Russell, J.
(21) 2024201956 (22) 26.03.2024
(54) Battery Powered Electromagnetic Pit-Cover Lifter with Mechanical Assistance

(71) Schlumberger Technology B.V.
(21) 2024201986 (22) 27.03.2024
(54) Spherical elastomeric mounts

(71) Seagen, Inc.
(21) 2024201856 (22) 21.03.2024
(54) Combination therapy using a LIV1-ADC and a chemotherapeutic

(71) Seminis Vegetable Seeds, Inc.
(21) 2024201966 (22) 27.03.2024
(54) Tomato hybrid DRTH2913 and parents thereof

(71) Shearwater Geoservices Software Inc.
(21) 2024201838 (22) 21.03.2024
(54) NON-UNIFORM OPTIMAL SURVEY DESIGN PRINCIPLES

(71) SillaJen, Inc.
(21) 2024201848 (22) 21.03.2024
(54) Oncolytic Vaccinia Virus And Checkpoint Inhibitor Combination Therapy

(71) SK Innovation Co., Ltd.
(21) 2024201941 (22) 26.03.2024
(54) SILICON-CARBON COMPOSITES CONTAINING CARBON DERIVED FROM METHANE PYROLYSIS AND USE THEREOF

(71) Snap-on Incorporated
(21) 2024201878 (22) 22.03.2024
(54) Flexible head joints for cordless ratchet tools

(71) Snap-on Incorporated
(21) 2024201916 (22) 25.03.2024
(54) Hub for ratchet gears

(71) Sonoco Development, Inc.
(21) 2024201862 (22) 21.03.2024
(54) CHILD RESISTANT LAMINATE PACKAGES AND METHODS FOR MAKING A CHILD RESISTANT PACKAGE

(71) Soter Analytics Pty Ltd
(21) 2024201905 (22) 25.03.2024
(54) Method and System for Monitoring Core Body Movements

(71) Southern Wire Pty Ltd
(21) 2024201889 (22) 22.03.2024
(54) A Device and System for Manipulating a Pack of Posts

(71) Spectrum Brands, Inc.
(21) 2024201927 (22) 26.03.2024
(54) Air-moving appliance including an attachment

(71) Sumitomo Metal Mining Co., Ltd.
(21) 2024201964 (22) 27.03.2024
(54) Air bubble measuring device and air bubble measurement method

(71) Sun Pharmaceutical Industries Australia Pty Limited
(21) 2024201967 (22) 27.03.2024
(54) MODIFIED PLANT

(71) SYSTEM STORMSEAL PTY LTD
(21) 2024201879 (22) 22.03.2024
(54) Heat Shrink Covering of Built Structures and Method

(71) Tarkett Sports Canada, Inc.
(21) 2024201898 (22) 25.03.2024
(54) Method for Producing an Artificial Turf

(71) Techtronic Cordless GP
(21) 2024201947 (22) 26.03.2024
(54) Height adjust system for a robotic vehicle and robotic vehicles with height adjust systems

(71) Thales DIS France SAS
(21) 2024201900 (22) 25.03.2024
(54) SECURITY MECHANISM FOR NAMESPACES USED IN ELECTRONIC IDENTIFICATION ON MOBILE DEVICES

(71) The General Hospital Corporation
(21) 2024201981 (22) 27.03.2024
(54) Modified T cells and methods of their use

(71) The NOCO Company
(21) 2024201886 (22) 22.03.2024
(54) Lithium-ion battery management system (BMS)

(71) The Toro Company
(21) 2024201982 (22) 27.03.2024
(54) BARRIER PASSAGE SYSTEM FOR AUTONOMOUS WORKING MACHINE

The Trustees of the University of Pennsylvania see Novartis AG
(21) 2024201926

The United States of America, as represented by the Secretary, Department of Health and Human Services see ConverGene LLC
(21) 2024201890

(71) Thomson Reuters Enterprise Centre GmbH
(21) 2024201874 (22) 22.03.2024
(54) System and method for finding similar documents based on semantic factual similarity

(71) Toy, C.
(21) 2024201827 (22) 20.03.2024
(54) A MODULAR WATER FILTRATION SYSTEM

(71) TriAgenics, Inc.
(21) 2024201922 (22) 26.03.2024
(54) Ablation probe systems

(71) Unilever Global IP Limited
(21) 2024201823 (22) 20.03.2024
(54) Antiperspirant compositions

(71) Unison Industries, LLC
(21) 2024201918 (22) 26.03.2024
(54) AIR TURBINE STARTER WITH CONTAINMENT ASSEMBLY

(71) Unison Industries, LLC
(21) 2024201919 (22) 26.03.2024
(54) AIR TURBINE STARTER WITH CONTAINMENT ASSEMBLY

University of Rijeka Faculty of Medicine see Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
(21) 2024201912

(71) ValiMail Inc.
(21) 2024201925 (22) 26.03.2024
(54) AUTOMATED AUTHENTICATION AND AUTHORIZATION IN A COMMUNICATION SYSTEM

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(71) Vector Remediation Ltd.
 (21) 2024201973 (22) 27.03.2024
 (54) CATHODIC CORROSION PROTECTION WITH CURRENT LIMITER

(71) Victaulic Company
 (21) 2024201949 (22) 26.03.2024
 (54) Fire suppression sprinkler and deflector

(71) W. L. Gore & Associates, Inc.
 (21) 2024201865 (22) 21.03.2024
 (54) Controlled porosity devices for tissue treatments, methods of use, and methods of manufacture

(71) Whitehead Institute for Biomedical Research
 (21) 2024201913 (22) 25.03.2024
 (54) Methods of editing DNA methylation

(71) Wilcox Industries Corp.
 (21) 2024201897 (22) 24.03.2024
 (54) Bridge Link Battery System For Helmet Mount Assembly

(71) Wiley, W.
 (21) 2024201943 (22) 26.03.2024
 (54) Self-contained ocular surgery instrument

(71) Wise Earth Pty Ltd
 (21) 2024201849 (22) 21.03.2024
 (54) AIR CONDITIONING MODULE

(71) Wisk Aero LLC
 (21) 2024201818 (22) 20.03.2024
 (54) Combined fan and motor

(71) Wonderland Switzerland AG
 (21) 2024201876 (22) 22.03.2024
 (54) Child restraint system

(71) Xenex Disinfection Services LLC
 (21) 2024201945 (22) 26.03.2024
 (54) Ultraviolet Discharge Lamp Apparatuses With One Or More Reflectors And Systems Which Determine Operating Parameters And Disinfection Schedules For Germicidal Devices

(71) Xiamen Sunnypet Products Co., Ltd
 (21) 2024201906 (22) 25.03.2024
 (54) Securing mechanism and pet loading accessory using the securing mechanism

(71) Yantai Chungway New Energy Technology Co., Ltd.

(21) 2024201888 (22) 22.03.2024

(54) FIRE PREVENTION AND CONTROL SYSTEM FOR RECHARGEABLE BATTERY CABIN OF SHIP

(71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine

(21) 2024201912 (22) 25.03.2024

(54) Antibodies specific to human poliovirus receptor (PVR)

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.

(21) 2024201932 (22) 26.03.2024

(54) SOLAR MODULE

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2024201813	National Research Council of Canada	2024201883	PIONEER MATERIAL PRECISION TECH CO., LTD.
2024201816	Magic Leap, Inc.	2024201884	Chugai Saiyaku Kabushiki Kaisha
2024201817	IDEAL Industries, Inc.	2024201885	Dolby International AB
2024201818	Wisk Aero LLC	2024201886	The NOCO Company
2024201819	Jinko Energy Storage Technology Co., Ltd.	2024201887	Matterport, Inc.
2024201820	Materialytics, LLC	2024201888	Yantai Chungway New Energy Technology Co., Ltd.
2024201821	Farraji, H.	2024201889	Southern Wire Pty Ltd
2024201822	Higgins, C.	2024201890	ConverGene LLC; The United States of America, as represented by the Secretary, Department of Health and Human Services
2024201823	Unilever Global IP Limited	2024201891	China National Institute of Standardization
2024201824	Higgins, C.	2024201892	Immunwork Inc.
2024201825	Acres Technology	2024201893	Feleke, M.
2024201826	Achillion Pharmaceuticals, Inc.	2024201894	BGC Partners, Inc
2024201827	Toy, C.	2024201895	Feleke, M.
2024201828	ATNX SPV, LLC	2024201896	Feleke, M.
2024201829	Coulter Ventures LLC	2024201897	Wilcox Industries Corp.
2024201830	Banger, B.	2024201898	Tarkett Sports Canada, Inc.
2024201831	Google LLC	2024201899	Apple Inc.
2024201832	Gilead Sciences, Inc.	2024201900	Thales DIS France SAS
2024201833	FermentaIq	2024201901	Black & Decker Inc.
2024201834	Philogen S.p.A.	2024201902	Daikin Industries, Ltd.
2024201835	Amgen Inc.	2024201903	RISK MANAGEMENT SOLUTIONS HOLDINGS PTY LTD
2024201836	Fisher & Paykel Healthcare Limited	2024201904	IGT
2024201837	Bold Limited	2024201905	Soter Analytics Pty Ltd
2024201838	Shearwater Geoservices Software Inc.	2024201906	Xiamen Sunnypet Products Co., Ltd
2024201839	Huawei Technologies Co., Ltd.	2024201907	NVIDIA Corporation
2024201840	Marine Biomedical Research Institute of Qingdao Co., Ltd.; CP Pharmaceutical Qingdao Co., Ltd.	2024201909	AEON BioPharma, Inc.
2024201842	Inovio Pharmaceuticals, Inc.	2024201910	Rollease Acmeda, Inc.
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2024201844	Apple Inc.	2024201912	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine
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2024201848	SillaJen, Inc.	2024201916	Snap-on Incorporated
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2024201850	LG ELECTRONICS INC.	2024201918	Unison Industries, LLC
2024201851	Becton, Dickinson and Company	2024201919	Unison Industries, LLC
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2024201853	Genzyme Corporation	2024201921	KEDING ENTERPRISES CO., LTD
2024201854	Hangzhou BIBAU Biotechnology Co., Ltd.; Beijing Forestry University	2024201922	TriAgenics, Inc.
2024201855	Angel Group Co., Ltd.	2024201923	LG Electronics Inc.
2024201856	Seagen, Inc.	2024201924	Burgis, W.; Burgis, A.
2024201857	Huawei Technologies Co., Ltd.	2024201925	ValiMail Inc.
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2024201859	Bekaert Wire Ropes Pty Ltd; Bridon International Ltd.	2024201927	Spectrum Brands, Inc.
2024201860	Medikine, Inc.	2024201928	Commonwealth Scientific and Industrial Research Organisation
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2024201866	Alessi, P.	2024201933	Dunstan, J.
2024201867	Illinois Tool Works Inc.	2024201934	Bold Limited
2024201868	Illinois Tool Works Inc.	2024201935	Bold Limited
2024201869	Merlo Project S.r.l.	2024201936	Bold Limited
2024201870	Merlo Project S.r.l.	2024201937	Novo Nordisk A/S
2024201871	Janssen Pharmaceutica NV	2024201938	Curis Inc.
2024201872	Recipharm Laboratories, Inc.	2024201939	ABUS August Bremicker Söhne KG
2024201873	F. Hoffmann-La Roche AG	2024201940	ABUS August Bremicker Söhne KG
2024201874	Thomson Reuters Enterprise Centre GmbH	2024201941	SK Innovation Co., Ltd.
2024201875	Neolitics, Inc.	2024201942	FISHER & PAYKEL HEALTHCARE LIMITED
2024201876	Wonderland Switzerland AG	2024201943	Wiley, W.
2024201877	Arixa Pharmaceuticals, Inc.	2024201944	Hiab AB
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2024201879	SYSTEM STORMSEAL PTY LTD		
2024201880	Native Microbials, Inc.		
2024201881	Gaida, J.C.		
2024201882	Hitachi, Ltd.		

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2024201945 Xenex Disinfection Services LLC
2024201946 Georg Fischer Rohrleitungssysteme AG
2024201947 Techtronic Cordless GP
2024201948 Applied Medical Resources Corporation
2024201949 Victaulic Company
2024201950 Intuit Inc.
2024201951 2840629 ONTARIO INC.
2024201952 RePipe Pty Ltd
2024201953 Hysential Pty Ltd
2024201954 ALGOFORCE PTY LTD
2024201955 ALGOFORCE PTY LTD
2024201956 Russell, J.
2024201957 Kleen Hy-Dro-Gen Inc.
2024201959 LG ELECTRONICS INC.
2024201960 Green Li-Ion PTE. LTD.
2024201961 Aristocrat Technologies, Inc.
2024201962 Aristocrat Technologies, Inc.
2024201963 Aristocrat Technologies Australia Pty Limited
2024201964 Sumitomo Metal Mining Co., Ltd.
2024201965 AxoGen Corporation
2024201966 Seminis Vegetable Seeds, Inc.
2024201967 Sun Pharmaceutical Industries Australia Pty Limited
2024201970 Globberide, Inc.
2024201971 Deere & Company
2024201972 Dexter Axle Company LLC
2024201973 Vector Remediation Ltd.
2024201974 Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2024201975 Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2024201976 Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2024201977 Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2024201978 Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2024201979 Angel Group Co., Ltd.
2024201980 Robel Bahnbaumaschinen GmbH
2024201981 The General Hospital Corporation
2024201982 The Toro Company
2024201983 PIONEER MATERIAL PRECISION TECH CO., LTD.
2024201984 DUAL INVENTIVE HOLDING B.V.
2024201985 Gee, S.
2024201986 Schlumberger Technology B.V.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 19 Mar 2024 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Janssen Biotech, Inc.
(21) 2024100016 **(22)** 21.03.2024
(54) Safe and effective method of treating
ulcerative colitis with anti-il12/il23 anti-
body
(62) 2023201217

(71) Janssen Biotech, Inc.
(21) 2024100017 **(22)** 21.03.2024
(54) Safe and effective method of treating
ulcerative colitis with anti-il12/il23 anti-
body
(62) 2023201217

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2024100016 Janssen Biotech, Inc.

2024100017 Janssen Biotech, Inc.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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2004201049 (14)	2004201060 (14)	2004201103 (14)
2004201121 (14)	2004201146 (14)	2004201219 (14)
2004210552 (14)	2004218879 (14)	2004218883 (14)
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2014218362 (14)	2014221296 (14)	2014316816 (14)
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2018329244 (4C) 2018329850 (4C) 2018329874 (4C)
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2018329903 (14) 2018329956 (4C) 2018330314 (4C)
2018330322 (4C) 2018330713 (4C) 2018330769 (4C)
2018331116 (4C) 2018331326 (4C) 2018332191 (14)
2018332417 (25D) 2018332574 (4C) 2018333813 (4C)
2018334152 (4C) 2018337626 (14) 2018340881 (14)
2018342761 (4C) 2018351778 (4C)

2019

2019101792 (22E) 2019200117 (14) 2019203522 (14)
2019204639 (14) 2019204786 (14) 2019226234 (4B)
2019226235 (4A) 2019226253 (14) 2019226266 (4A)
2019229326 (4B) 2019229364 (4C) 2019229385 (4B)
2019250112 (14) 2019335420 (4C) 2019337548 (14)
2019337572 (14) 2019338302 (14) 2019339453 (14)
2019344528 (14) 2019353597 (4B) 2019354582 (4B)
2019356666 (14) 2019359619 (14) 2019371756 (4B)
2019374159 (14) 2019399566 (14) 2019410974 (14)
2019427989 (14) 2019439663 (1B) 2019465294 (4A)

2020

2020102155 (22E) 2020102157 (22E) 2020102159 (22E)
2020102160 (22E) 2020102176 (22E) 2020102180 (22E)
2020102188 (22E) 2020102195 (22E) 2020102220 (22E)
2020200574 (14) 2020200916 (14) 2020202345 (1B)
2020202378 (1B) 2020203261 (14) 2020203316 (14)
2020204078 (14) 2020204545 (14) 2020220116 (14)
2020233672 (14) 2020250613 (1B) 2020250724 (1B)
2020250933 (1B) 2020251028 (1B) 2020251030 (1B)
2020251063 (1B) 2020251206 (1B) 2020251289 (1B)
2020251315 (1B) 2020251316 (1B) 2020251696 (1B)
2020251713 (1B) 2020251751 (1B) 2020251753 (1B)
2020252204 (1B) 2020252252 (1B) 2020252264 (1B)
2020252269 (1B) 2020252372 (1B) 2020252397 (1B)
2020252398 (1B) 2020252410 (1B) 2020252550 (1B)
2020252560 (1B) 2020253200 (1B) 2020253212 (1B)
2020253240 (1B) 2020253362 (1B) 2020253479 (1B)
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2020254697 (1B) 2020254721 (1B) 2020254746 (1B)
2020254772 (1B) 2020254804 (1B) 2020255035 (1B)
2020255049 (1B) 2020255265 (1B) 2020255277 (1B)
2020255289 (1B) 2020255292 (1B) 2020255330 (1B)
2020255407 (1B) 2020255674 (1B) 2020255687 (1B)
2020255993 (1B) 2020256166 (1B) 2020256179 (1B)
2020256221 (1B) 2020256222 (1B) 2020256258 (1B)
2020256263 (1B) 2020256275 (1B) 2020256278 (1B)
2020256325 (5C) 2020256742 (1B) 2020258778 (12C)
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2020303888 (5C) 2020337993 (5C) 2020340284 (5C)
2020343476 (5C) 2020345993 (5C) 2020351156 (5C)
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2020398854 (5C) 2020401536 (5C) 2020414275 (5C)

2021

2021101225 (21F) 2021204232 (5C) 2021204736 (4C)
2021212051 (5C) 2021217841 (5C) 2021221430 (4C)
2021226214 (5C) 2021228286 (5C) 2021232739 (5C)
2021240151 (5C) 2021254593 (5C) 2021254660 (5C)
2021257885 (5C) 2021268680 (1B) 2021269339 (5C)
2021269423 (5C) 2021270057 (5C) 2021273531 (5C)
2021273608 (4C) 2021282429 (5C) 2021290308 (5C)
2021290358 (4C) 2021290373 (5C) 2021307431 (5C)
2021312427 (5C) 2021355608 (5C)

2022

2022100097 (22) 2022200353 (4C) 2022200423 (5C)
2022200462 (5C) 2022200660 (4C) 2022200737 (4C)
2022200798 (5C) 2022201086 (5C) 2022201103 (5C)
2022201310 (5C) 2022201331 (5C) 2022201613 (5C)
2022201721 (5C) 2022201766 (5C) 2022202256 (5C)
2022202268 (5C) 2022202415 (5C) 2022202702 (5C)
2022203523 (5C) 2022204313 (5C) 2022211869 (5C)
2022215004 (5C) 2022218466 (5C) 2022256078 (4C)
2022291550 (4C)

2023

2023200048 (4C) 2023201308 (4C) 2023285995 (1B)
2023900798 (12AN) 2023901510 (12AN)

Assignments before Grant, Section 113

2017

2017358367 Cell Therapy and Technology S.A. De C.V. The application has been assigned to **EXCALIBUR PHARMACEUTICALS, INC.**

Assignments before Grant, Section 113

2018

2018205275 Yumanity Therapeutics, Inc. The application has been assigned to **Janssen Pharmaceutica NV**

2018313067 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2018354069 Pfenex Inc. The application has been assigned to **Pelican Technology Holdings, Inc.**

2018357367 Izun Pharmaceuticals Corp.; Feferberg, Ilan; Levine, William; Lecht, Shimon The application has been assigned to **Ilan Avraham Feferberg**

2019

2019238326 Yumanity Therapeutics, Inc. The application has been assigned to **Janssen Pharmaceutica NV**

2019298314 Hitachi Energy Switzerland AG; ABB Schweiz AG The application has been assigned to **Hitachi Energy Ltd; ABB Schweiz AG**

2019311821 Sabic Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2019359771 Revvity Diagnostics Global Holdings The application has been assigned to **Revvity Holdings, Inc.**

2019362389 Oncopeptides AB The application has been assigned to **Oncopeptides Innovation AB**

2019375541 Flooring Industries Limited, SARL The application has been assigned to **Unilin BV**

2019390705 Flooring Industries Limited, Sarl The application has been assigned to **Unilin BV**

2019393370 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2019395908 Sabic Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2019397602 Sabic Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2020

2020212034 Yumanity Therapeutics, Inc. The application has been assigned to **Janssen Pharmaceutica NV**

2020245349 Yumanity Therapeutics, Inc. The application has been assigned to **Janssen Pharmaceutica NV**

2020245492 Battelle Memorial Institute The application has been assigned to **Revive Environmental Technology, LLC**

2020259142 Oncopeptides AB The application has been assigned to **Oncopeptides Innovation AB**

Assignments before Grant, Section 113

2020312806 Flooring Industries Limited, SARL The application has been assigned to **Unilin BV**

2020313408 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2020358923 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2020393185 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021

2021208328 Normann, Eyvind; Evensen, Jan Edin The application has been assigned to **Halliburton Energy Services, Inc.**

2021225478 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021232822 Tieluk B.V. The application has been assigned to **BNR-Capital B.V.**

2021242808 Inversago Pharma Inc. The application has been assigned to **Novo Nordisk A/S**

2021247677 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021253263 Inversago Pharma Inc. The application has been assigned to **Novo Nordisk A/S**

2021266211 Leibniz-Institut für Plasmaforschung und Technologie e.V. The application has been assigned to **Nebula Biocides GmbH**

2021302953 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021302956 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021308575 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021337842 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021359074 SCHOLLE IPN IP B.V. The application has been assigned to **SIG Services AG**

2021380091 FLOORING INDUSTRIES LIMITED, SARL The application has been assigned to **Unilin BV**

2021406190 SABIC GLOBAL TECHNOLOGIES B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2021411062 SABIC GLOBAL TECHNOLOGIES B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

Assignments before Grant, Section 113**2022**

2022200043 Flooring Industries Limited, SARL The application has been assigned to **Unilin BV**

2022213438 UNIFIED BRANDS, INC. The application has been assigned to **Electrolux Professional, Inc.**

2022240688 MEDSHINE DISCOVERY INC. The application has been assigned to **SHANGHAI QILU PHARMACEUTICAL RESEARCH AND DEVELOPMENT CENTRE LTD.**

2022270890 POSITRON PRECISION GMBH The application has been assigned to **ITM Oncologics GmbH**

2022294069 ONCOPEPTIDES AB The application has been assigned to **Oncopeptides Innovation AB**

2023

2023200920 Cristal Air International Limited; Courtney, Brad The application has been assigned to **Cristal Air International Limited**

2023201526 Sabic Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2023204645 Boudot, Antoine; Xu, Qikai; TScan Therapeutics, Inc.; Jurewicz, Mollie; Jangalwe, Sonal; Macbeath, Gavin; Nayar, Ribhu; Kula, Tomasz; Basinski, Andrew The application has been assigned to **TScan Therapeutics, Inc.**

2023222997 Sabic Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2023248069 OsteoCentric SI Fusion, LLC; Mayo Foundation for Medical Education and Research The application has been assigned to **OsteoCentric SI Fusion, LLC**

2023274084 SABIC Global Technologies B.V. The application has been assigned to **SABIC Agri-Nutrients Company**

2023901888 Davis, Nathaniel; Hardy, Jake The application has been assigned to **VICTORIA LINK LIMITED**

2023902997 Energy & Recycling Technologies The application has been assigned to **Lakhey Holdings Pty Ltd**

2024

2024200737 Cell Therapy and Technology S.A. De C.V. The application has been assigned to **EXCALIBUR PHARMACEUTICALS, INC.**

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

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

2019

2019301755 **A-Dec, Inc.** An application to extend the time from 12 Jul 2023 to 12 Feb 2024 in which to pay a continuation fee has been filed .

Extensions of Time, Section 223

Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2022

2022234495 **CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHANG) CO., LTD.; HANGZHOU INNOGATE PHARMA CO., LTD.; CSPC OUYI PHARMACEUTICAL CO., LTD.** An application to extend the time from 09 Oct 2023 to 09 Feb 2024 in which to enter the National Phase has been filed . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2023

2023237195 **Endotronix, Inc.** An application to extend the time from 10 Dec 2023 to 10 Apr 2024 in which to request examination has been filed . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

Applications Allowed - Section 223(2)**2017**

2017246827 **Combinati Incorporated** The time in which to pay a renewal fee has been extended to 04 Dec 2023 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018260557 **Phase IV Engineering, Inc.** The time in which to pay a renewal fee has been extended to 30 Nov 2023 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2018303360 **New Finance Services Inc.** The time in which to pay the acceptance fee has been extended to 23 Mar 2024 . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2019

2019247386 **Meedl68 Lp** The time in which to pay a continuation fee has been extended to 04 Nov 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019439843 **Clearleaf Inc.** The time in which to request examination has been extended to 09 Apr 2024 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2020

2020220942 **Shashvi Remedies (OPC) Private Limited** The time in which to request examination has been extended to 21 Mar 2024 . Address for service - Pangaea IP Consultants 1552 Heatherton Rd Dandenong VIC 3175 AU

2020238358 **NGLTech Sdn. Bhd.** The time in which to request examination has been extended to 19 Mar 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020251048 **INTERMINATE PTY LIMITED** The time in which to request examination has been extended to 09 Apr 2024 . Address for service - KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD PO Box 128 Aspley QLD 4034 AU

Extensions of Time, Section 223

2021

2021234620 **Liew, H.** The time in which to pay the acceptance fee has been extended to 07 Apr 2024 . Address for service - Pangaea IP Consultants 1552 Heatherton Rd Dandenong VIC 3175 AU

2022

2022318899 **ACUTUS MEDICAL, INC.** The time in which to enter the National Phase has been extended to 27 Mar 2024 . Address for service - Chaltris IP PO Box 259 Floreat WA 6014 AU

2023

2023285954 **Leica Biosystems Melbourne Pty Ltd** The time in which to request examination has been extended to 03 Apr 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

2024

2024201444 **Tritana Intellectual Property Ltd.** The time in which to make a further application for a divisional patent has been extended to 29 Mar 2024 . Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

Amendments

Applications for Amendment

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

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

2017

2017369207 A method for polyalkoxylation of nucleic acids that enables recovery and reuse of excess polyalkoxylation reagent **TME Pharma AG** The nature of the amendment is as shown in the statement(s) filed 12 Mar 2024 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018216680 Compressed natural gas storage and transportation system **Nearshore Natural Gas, LLC** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018235127 Oligosaccharyltransferase polypeptide **London School of Hygiene and Tropical Medicine** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2024 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018385454 Combination treatments comprising administration of 1H-pyrazolo(4,3-b)pyridines **H. Lundbeck A/S** The nature of the amendment is as shown in the statement(s) filed 15 Feb 2024 . Address

Amendments

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

2019

2019470817 Railroad car truck damper wedge fittings **National Steel Car Limited** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020202517 Wear part monitoring **ESCO Group LLC** The nature of the amendment is as shown in the statement(s) filed 17 Apr 2023 . Address for service - MINTER ELLISON Collins Arch 447 Collins St Melbourne VIC 3000 AU

2020230269 Auris formulations for treating otic diseases and conditions **DOMPÉ FARMACEUTICI S.P.A. ; The Regents of the University of California** The nature of the amendment is as shown in the statement(s) filed 06 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020401960 Multi-use drug-delivery device **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020470348 Battery cell, battery, electric device, and battery cell manufacturing method and system **Contemporary Amperex Technology Co., Limited** The nature of the amendment is as shown in the statement(s) filed 13 Mar 2024 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2021

2021221413 Methods of treatment using chlorotoxin conjugates **Blaze Bioscience, Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Mar 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021231074 Class II, type V CRISPR systems **Metagenomi, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Mar 2024 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2022

2022200447 Easy assembling and disassembling wheel component. **WONDERLAND SWITZERLAND AG** The nature of the amendment is as shown in the statement(s) filed 14 Mar 2024 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2022202174 Sequentially deployed transcatheter mitral valve prosthesis **NeoVasc Tiara Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022203084 Drilling Platform Tool for Surgeries **MED-EL Elektromedizinische Geraete GmbH** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2024 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2022235614 Displaying a scrollable list of affordances associated with physical activities **Apple Inc.** The nature of the amendment

Amendments

is as shown in the statement(s) filed 12 Mar 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

Amendments Made

2017

2017286727 **Boehringer Ingelheim Animal Health USA Inc.; Sanofi Pasteur** The nature of the amendment is: Amend the name of the inventor to read Rigaut, Guillaume; Parisot, Alexis Guy André Lucien; De Luca, Karelle; Andreoni, Christine Michele Pierrette; Remolue, Lydie; Garinot, Marie; Cotte, Jean-Francois; Probeck-Quellec, Patricia; Haensler, Jean; Chambon, Véronique and Talaga, Philippe

2018

2018441365 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2019

2019254452 **Maxamcorp Holding, S.L.** The nature of the amendment is as shown in the statement(s) filed 21 Nov 2023

2019273116 **CBG Systems International Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 11 Dec 2023

2019440527 **Peking University** The nature of the amendment is: Application is to proceed under the number 2019101853

2020

2020202520 **BFRE Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104503

2020292419 **The Wistar Institute** The nature of the amendment is: Amend the name of the inventor to read SCHUG, Zachary; SALVINO, Joseph and YELLAMELLI, Valli Venkata Srikanth

2020293275 **The Administrators of the Tulane Educational Fund; Escarra, M.; Artzt, L.; Ji, Y.; Codd, D.; Barrios, M.; Islam, K.; Bar-Or, D.; Failla, J.; Davis, C.; Woody, M.** The nature of the amendment is: Amend the name of the inventor to read ESCARRA, Matthew David; ARTZT, Luke; JI, Yaping; CODD, Daniel; BARRIOS, Matthew; ISLAM, Kazi M.; BAR-OR, David M.; FAILLA, Jacqueline C.; DAVIS, Claire C. and WOODY, Maxwell W.

2020407560 **Barnet Products, LLC; Nikko Chemicals Company, Ltd.** The nature of the amendment is as shown in the statement(s) filed 16 Nov 2023 and 21 Dec 2023

2021

2021254513 **HOWMEDICA OSTEONICS CORP.** The nature of the amendment is: Amend the name of the inventor to read LUCIANO, Camila; PASCALE, Kenneth; BONO, James V and BONO, Olivia

2021271942 **BROLOCK PTY LTD** The nature of the amendment is as shown in the statement(s) filed 30 Dec 2022

Amendments

2021272398 **The Binding Site Group Limited** The nature of the amendment is: Amend the name of the inventor to read HARDING, Stephen and WALLIS, Gregg

2021452315 **CUMULUS NEUROSCIENCE LIMITED** The nature of the amendment is: Amend the name of the inventor to read MCCULLOUGH, Ian; MURPHY, Bryan; GRIFFITHS, Glyn; KEALY, Terence and URASINI, Sara

2021467326 **FUJITSU LIMITED** The nature of the amendment is: Amend the invention title to read Processing method, processing program, and information processing apparatus

2022

2022100189 **Orca Civil Products Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2023

2022320208 **BRIDGESTONE CORPORATION** The nature of the amendment is: Amend the invention title to read Tire management apparatus, program and tire management method

2022336908 **TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read Cartridge assembly, head assembly and surgical stapler

2022340511 **TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read Cartridge assembly and surgical stapler

2022341395 **QINGKE NEW ENERGY TECHNOLOGY (SHANGHAI) CO., LTD.** The nature of the amendment is: Amend the invention title to read Porous transport layer and preparation method therefor

2022344402 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read Communication method and multi-link device

2022348742 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read FEATURE MAP ENCODING AND DECODING METHOD AND APPARATUS

2022352126 **KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRA-STRUCTURE SYSTEMS & SOLUTIONS CORPORATION** The nature of the amendment is: Amend the invention title to read Supply apparatus

2022402577 **HITACHI, LTD.** The nature of the amendment is: Amend the invention title to read Timetable plan creation system, timetable plan creation method, timetable plan creation program, and transportation plan system

2022428746 **ALCHEMEDIKINE, INC.** The nature of the amendment is: Amend the invention title to read Compound, angiotensin II type 1 receptor antagonist and pharmaceutical composition

2022428746 **ALCHEMEDIKINE, INC.** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2024

2022431476 **ABUS AUGUST BREMICKER SÖHNE KG** The nature of the amendment is: Amend the invention title to read PORTABLE ELECTRONIC LOCK

Amendments

2023

2023266343 **ARCTIC WOLF NETWORKS, INC.** The nature of the amendment is: Amend the invention title to read METHODS AND APPARATUS FOR MONITORING NETWORK EVENTS FOR INTRUSION DETECTION

2023285552 **LG CHEM, LTD.** The nature of the amendment is: Amend the invention title to read HIGHLY BRANCHED POLYLACTIDE RESIN AND METHOD FOR PREPARING THE SAME

2023309887 **TSK LABORATORY, JAPAN** The nature of the amendment is: Amend the invention title to read Needle Hub and Injector Using the Same

2024

2024900626 **Handbook of Your Life** The nature of the amendment is: Amend the invention title to read Digital Handbook & Booklet Kits with Integrated Codes System

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

2013

2013244080 SITA Ypenburg B.V. The name of the patentee has been altered to **SITA B.V.**

2015

2015334754 Valbiotis; Universite de La Rochelle; CNRS; Universite Blaise Pascal Clermont Ferrand II The name of the patentee has been altered to **Valbiotis; Universite de La Rochelle; CNRS; Universite Clermont Auvergne**

2017

2017261741 SITA Ypenburg B.V.; Bluebotics SA The name of the patentee has been altered to **SITA B.V.; Bluebotics SA**

2017286727 Boehringer Ingelheim Animal Health USA Inc.; Sanofi Pasteur SA The name of the applicant has been altered to **Boehringer Ingelheim Animal Health USA Inc.; Sanofi Pasteur**

2018

2018204065 SITA Ypenburg B.V. The name of the patentee has been altered to **SITA B.V.**

2019

2019363333 Paylessgate Corporation The name of the patentee has been altered to **Sinummy Corporation**

2020

2020293275 The Administrators of the Tulane Educational Fund; Escarra, Matthew; Artzt, Luke; Yaping, Ji; Codd, Daniel; Barrios, Matthew; Islam, Kazi; Bar-Or, David; Failla, Jacqueline; Davis, Claire; Woody, Maxwell The name of the applicant has been altered to **The Administrators of the Tulane Educational Fund; Escarra, M.; Artzt, L.; Ji, Y.; Codd, D.; Barrios, M.; Islam, K.; Bar-Or, D.; Failla, J.; Davis, C.; Woody, M.**

2020353076 Lumosa Therapeutics Co., Ltd The name of the applicant has been altered to **Lumosa Therapeutics Co., Ltd.**

Amendments

2020404975 GlaxoSmithKline Consumer Healthcare Holdings (US) LLC The name of the applicant has been altered to **Haleon US Holdings LLC**

2020446569 Infinium Technologies, LLC The name of the applicant has been altered to **Infinium Technology, LLC**

2021

2021202298 Thermo King Corporation The name of the applicant has been altered to **Thermo King LLC**

2021268532 Infinium Technologies, LLC The name of the applicant has been altered to **Infinium Technology, LLC**

2021268874 Infinium Technologies, LLC The name of the applicant has been altered to **Infinium Technology, LLC**

2021327911 KANGLIN BIOTECHNOLOGY (HANGZHOU) CO., LTD The name of the applicant has been altered to **KANGLIN BIOTECHNOLOGY (HANGZHOU) CO., LTD.**

2021401314 ELI LILLY AND COMPANY; KEYBIOSCIENCE AG The name of the applicant has been altered to **ELI LILLY AND COMPANY; KeyBioscience SA**

2022

2022227670 BOSTIK S.A.; Richard E. HAMANN The name of the applicant has been altered to **BOSTIK S.A.**

2022279492 SPCM SA The name of the applicant has been altered to **SNF Group**

2023

2023903855 Lakhe Holdings Pty Ltd The name of the applicant has been altered to **Lakhey Holdings Pty Ltd**

2024

2024900714 Rugged Group Pty Ltd The name of the applicant has been altered to **Rugged Group Australia Pty Ltd**

Applications Open to Public Inspection

Name Index

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

<p>(71) A2E Industries Limited (11) AU-A-2022235511 (21) 2022235511 (22) 19.09.2022 (54) VEHICLE AND METHOD (51) Int. Cl. E01C 23/09 (2006.01) B25J 5/00 (2006.01) E01C 11/00 (2006.01) E01C 19/00 (2006.01) E01C 19/17 (2006.01) E01C 19/46 (2006.01) E01C 23/07 (2006.01) B62D 55/065 (2006.01) (43) 04.04.2024 (72) Burns, Alec; Paoletti, Paolo; Fichera, Sebastiano (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) Acres Technology (11) AU-A-2024201696 (21) 2024201696 (22) 14.03.2024 (54) Implementing Mystery Bonus in Place of Base Game Results (51) Int. Cl. A63F 9/24 (2006.01) A63F 13/00 (2014.01) G07F 17/32 (2006.01) (43) 04.04.2024 (62) 2022201320 (72) Acres, John F. (74) Golja Haines & Friend</p>	<p>(43) 04.04.2024 (62) 2022200701 (72) Shear, Victor Henry; Williams, Peter Robert; Rho, Jaisook; Redmond, Timothy St.John; Horning, James Jay (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) Abiomed Europe GmbH (11) AU-A-2024201799 (21) 2024201799 (22) 20.03.2024 (54) Intravascular blood pump (51) Int. Cl. A61M 1/10 (2006.01) A61M 1/12 (2006.01) (43) 04.04.2024 (62) 2021218070 (72) SPANIER, Gerd; KIRCHHOFF, Frank; SIESS, Thorsten; MICHELS, Dirk (74) Spruson & Ferguson</p>	<p>(71) Adobe Inc. (11) AU-A-2023204309 (21) 2023204309 (22) 05.07.2023 (54) IMPROVING 3D MODELING USER INTERFACES BY INTRODUCING IMPROVED COORDINATES FOR TRIQUAD CAGES (51) Int. Cl. G06T 17/10 (2006.01) (31) 17/947,035 (32) 16.09.22 (33) US (43) 04.04.2024 (72) Thiery, Jean; Boubekeur, Tamy (74) RnB IP Pty Ltd</p>	<p>(71) Alector LLC (11) AU-A-2024200443 (21) 2024200443 (22) 24.01.2024 (54) Anti-TREM2 antibodies and methods of use thereof (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) (43) 04.04.2024 (62) 2016334051 (72) Schwabe, Tina; Avogadri-Connors, Francesca; Lam, Helen; Tassi, Ilaria; Lee, Seung-Joo; Rosenthal, Arnon (74) Griffith Hack</p>
<p>(71) Acera Surgical, Inc. (11) AU-A-2024201686 (21) 2024201686 (22) 14.03.2024 (54) Tissue substitute materials and methods for tissue repair (51) Int. Cl. A61L 17/12 (2006.01) A61F 2/02 (2006.01) A61K 9/70 (2006.01) C08L 67/04 (2006.01) D04H 1/435 (2012.01) D04H 3/011 (2012.01) (43) 04.04.2024 (62) 2021277626 (72) MACEWAN, Matthew (74) Spruson & Ferguson</p>	<p>(71) Adobe Inc. (11) AU-A-2023206192 (21) 2023206192 (22) 20.07.2023 (54) GENERATIVE PROMPT EXPANSION FOR IMAGE GENERATION (51) Int. Cl. G06F 16/53 (2019.01) G06F 40/40 (2020.01) G06N 20/00 (2019.01) (31) 17/933,595 (32) 20.09.22 (33) US (43) 04.04.2024 (72) Tambi, Ritiz; Kale, Ajinkya (74) RnB IP Pty Ltd</p>	<p>(71) Alexion Pharmaceuticals, Inc. (11) AU-A-2024201728 (21) 2024201728 (22) 15.03.2024 (54) Methods and compositions for treating complement-associated disorders (51) Int. Cl. C07K 16/24 (2006.01) A61K 38/00 (2006.01) A61K 39/00 (2006.01) (43) 04.04.2024 (62) 2021225134 (72) ROTHER, Russell P.; BEDROSIAN, Camille; SQUINTO, Stephen P.; BELL, Leonard (74) Spruson & Ferguson</p>
<p>(71) Acorn Engineering Company (11) AU-A-2023222949 (21) 2023222949 (22) 31.08.2023 (54) Ligature resistant cabinet (51) Int. Cl. A47B 96/20 (2006.01) A47B 97/00 (2006.01) (31) 17/948,526 (32) 20.09.22 (33) US (43) 04.04.2024 (72) BOELTL, Darryl M. (74) Spruson & Ferguson</p>	<p>(71) Advanced Elemental Technologies, Inc. (11) AU-A-2024201723 (21) 2024201723 (22) 15.03.2024 (54) SYSTEMS AND METHODS CONFIGURED TO ENABLE AN OPERATING SYSTEM FOR CONNECTED COMPUTING THAT SUPPORTS USER USE OF SUITABLE TO USER PURPOSE RESOURCES SOURCED FROM ONE OR MORE RESOURCE ECOSPHERES (51) Int. Cl. G06F 7/00 (2006.01)</p>	<p>(71) Alpine Immune Sciences, Inc. (11) AU-A-2024201667 (21) 2024201667 (22) 14.03.2024 (54) CD80 variant immunomodulatory proteins and uses thereof (51) Int. Cl. C07K 14/705 (2006.01) (43) 04.04.2024 (62) 2018235838 (72) Swanson, Ryan; Kornacker, Michael; Maurer, Mark F.; Ardourel, Dan; Demonte, Daniel William; Kuijper, Joseph L. (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
<p>(71) American Gene Technologies International Inc. (11) AU-A-2024201392 (21) 2024201392 (22) 01.03.2024 (54) HIV immunotherapy with no pre-immunization step</p>		

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A61K 31/7088 (2006.01)
A61K 35/17 (2015.01)
A61K 35/76 (2015.01)
A61P 31/18 (2006.01)
(43) 04.04.2024
(62) 2018205388
(72) Li, Haishan; Lahusen, Tyler; Xiao, Lingzhi; Pauza, Charles David
(74) Davies Collison Cave Pty Ltd

(71) American Greetings Corporation
(11) AU-A-2023222854
(21) 2023222854 (22) 29.08.2023
(54) POP-UP OBJECT WITH DOUBLE CANOPY
(51) Int. Cl.
G09F 1/06 (2006.01)
B42D 15/04 (2006.01)
(31) 17/948,529 (32) 20.09.22 (33) US
(43) 04.04.2024
(72) Larson, Seth
(74) DAVIS IP PTY LTD

(71) Amgen Inc.
(11) AU-A-2024201705
(21) 2024201705 (22) 14.03.2024
(54) DRUG DELIVERY DEVICE WITH STERILE FLUID FLOWPATH AND RELATED METHOD OF ASSEMBLY
(51) Int. Cl.
A61M 5/145 (2006.01)
A61J 1/14 (2023.01)
A61J 1/20 (2006.01)
A61M 5/28 (2006.01)
(43) 04.04.2024
(62) 2018220538
(72) Damestani, Yasaman; Ring, Lawrence S.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Anavex Life Sciences Corp.
(11) AU-A-2024201661
(21) 2024201661 (22) 14.03.2024
(54) ANAVEX2-73 for the treatment of Alzheimer's disease
(51) Int. Cl.
A61K 31/341 (2006.01)
A61K 31/13 (2006.01)
A61K 31/27 (2006.01)
A61K 31/445 (2006.01)
A61K 31/55 (2006.01)
A61K 45/06 (2006.01)
A61P 25/28 (2006.01)
(43) 04.04.2024
(62) 2017418247
(72) CECCHI, Marco
(74) FB Rice Pty Ltd

(71) Apple Inc.
(11) AU-A-2024201659
(21) 2024201659 (22) 14.03.2024
(54) Character recognition on a computing device
(51) Int. Cl.
G06F 3/023 (2006.01)
G06F 3/0488 (2022.01)

(43) 04.04.2024
(62) 2022202593
(72) DIXON, Ryan S.; HOWARD, Joe; MCGLINN, Joshua; LOCHHEAD, Jonathan; KEIGHRAN, Benjamin W.; BACHMAN, William M.; CHEN, Elbert D.; ROBBIN, Jeffrey L.; FOLSE, Jennifer L. C.; KRESS, Lynne; MEIER, Ueli
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024201687
(21) 2024201687 (22) 14.03.2024
(54) Quiet hours for notifications
(51) Int. Cl.
H04W 68/00 (2009.01)
(43) 04.04.2024
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(72) CHAUDHRI, Imran A.; NOVICK, Gregory; FORSTALL, Scott; GRAINGER, Morgan; DICKER, George R.; HAWKINS, Tyler
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2024201697
(21) 2024201697 (22) 14.03.2024
(54) Intelligent automated assistant in a media environment
(51) Int. Cl.
G06F 17/27 (2006.01)
(43) 04.04.2024
(62) 2022204891
(72) NAPOLITANO, Lia T.; HWANG, Grace H.; PENHA, Henrique D.; SHAW, Jeremiah D.; FINO, Jorge S.
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023233064
(21) 2023233064 (22) 19.09.2023
(54) ELECTRONIC GAMING MACHINE WITH A CLEAR BUTTON DECK
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/24 (2014.01)
(31) 18/468,445 (32) 15.09.23 (33) US
63/376,221 19.09.22 US
(43) 04.04.2024
(72) Jadeja, Rajendrasinh; Rodriquez, Frank; Paulsen, Craig; Barbour, Timothy; Baum, Michael
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024201189
(21) 2024201189 (22) 22.02.2024
(54) A GAMING MACHINE
(51) Int. Cl.
A63F 13/00 (2014.01)
A63F 13/50 (2014.01)
G07F 17/00 (2006.01)
G07F 17/34 (2006.01)

(43) 04.04.2024
(62) 2022200134
(72) PENACHO, Gary Joseph; TUOMEY, Thomas
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024201206
(21) 2024201206 (22) 22.02.2024
(54) A GAMING MACHINE
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 04.04.2024
(62) 2022200080
(72) MEYER, Jason; SANDERS, Liam; CHAN, Matthew; BATSIOKIS, Amy
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024201253
(21) 2024201253 (22) 23.02.2024
(54) A GAMING MACHINE AND METHOD FOR PROVIDING A FEATURE GAME
(51) Int. Cl.
A63F 13/00 (2014.01)
(43) 04.04.2024
(62) 2022200079
(72) MARKS, Daniel
(74) Griffith Hack

(71) AstraZeneca AB
(11) AU-A-2024201641
(21) 2024201641 (22) 13.03.2024
(54) METHODS OF TREATING HFPEF EMPLOYING DAPAGLIFLOZIN AND COMPOSITIONS COMPRISING THE SAME
(51) Int. Cl.
A61K 31/70 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
(43) 04.04.2024
(62) 2022201294
(72) Langkilde, Anna Maria
(74) PHILLIPS ORMONDE FITZPATRICK

(71) AstraZeneca AB
(11) AU-A-2024201743
(21) 2024201743 (22) 18.03.2024
(54) ANTI-IFNAR1 DOSING REGIME FOR SUBCUTANEOUS INJECTION
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/00 (2006.01)
A61K 33/00 (2006.01)
C07K 16/28 (2006.01)
(43) 04.04.2024
(62) 2022260531
(72) Lindholm, Catharina; Chia, Yen Lin; Tummala, Rajendra; Roskos, Lorin; Almquist, Joachim; Rouse, Tomas
(74) PHILLIPS ORMONDE FITZPATRICK

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(71) Austin Star Detonator Company
 (11) AU-A-2024201750
 (21) 2024201750 (22) 18.03.2024
 (54) INTEGRATED DETONATOR SENSORS
 (51) Int. Cl.
F42D 1/05 (2006.01)
E21B 43/1185 (2006.01)
 (43) 04.04.2024
 (62) 2021231655
 (72) Teowee, Gimtong; Rathbun, John David; Howe, Larry S.; Harders, Walter Jacob
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Azuma Design Pty Limited
 (11) AU-A-2024201680
 (21) 2024201680 (22) 14.03.2024
 (54) A latch assembly
 (51) Int. Cl.
E05C 1/00 (2006.01)
 (43) 04.04.2024
 (62) 2021290420
 (72) ALCHIN, Michael Brian
 (74) GLMR

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (11) AU-A-2024201779
 (21) 2024201779 (22) 19.03.2024
 (54) Image data encoding/decoding method and apparatus
 (51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
 (43) 04.04.2024
 (62) 2023258327
 (72) KIM, Ki Baek
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (11) AU-A-2024201782
 (21) 2024201782 (22) 19.03.2024
 (54) Image data encoding/decoding method and apparatus
 (51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
 (43) 04.04.2024
 (62) 2023258327
 (72) KIM, Ki Baek
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (11) AU-A-2024201785
 (21) 2024201785 (22) 19.03.2024
 (54) Image data encoding/decoding method and apparatus
 (51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
 (43) 04.04.2024
 (62) 2023258327
 (72) KIM, Ki Baek
 (74) FB Rice Pty Ltd

(71) B1 INSTITUTE OF IMAGE TECHNOLOGY, INC.
 (11) AU-A-2024201786
 (21) 2024201786 (22) 19.03.2024
 (54) Image data encoding/decoding method and apparatus
 (51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
H04N 19/11 (2014.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
 (43) 04.04.2024
 (62) 2023258327
 (72) KIM, Ki Baek
 (74) FB Rice Pty Ltd

(71) Bayer Healthcare LLC
 (11) AU-A-2024201751
 (21) 2024201751 (22) 18.03.2024
 (54) Chewable gel products for active pharmaceutical ingredients
 (51) Int. Cl.
A23L 29/256 (2016.01)
A61K 31/4545 (2006.01)
A61K 47/36 (2006.01)
A61K 47/42 (2017.01)
A61P 37/08 (2006.01)
 (43) 04.04.2024
 (62) 2018239993
 (72) Sirihorachai, Rachan; Bradley, Reginald D.; Rosar, Paul D.; Ekpe, Anthony
 (74) Griffith Hack

(71) BiomEdit, LLC
 (11) AU-A-2024201593
 (21) 2024201593 (22) 11.03.2024
 (54) A genetically modified Lactobacillus and uses thereof

(51) Int. Cl.
C12N 15/74 (2006.01)
A61K 35/747 (2015.01)
C07K 14/195 (2006.01)
C12N 1/20 (2006.01)
C12R 1/225 (2006.01)
 (43) 04.04.2024
 (62) 2020218748
 (72) GANGAIAH, Dharanesh Mahimapura; KUMAR, Arvind; LIU, Lin; MANE, Shrinivasrao Peerajirao; RYAN, Valerie Elyse
 (74) Spruson & Ferguson

(71) BLANCO GmbH + Co KG
 (11) AU-A-2023233057
 (21) 2023233057 (22) 18.09.2023
 (54) Actuating Arrangement For Opening Or Closing A Valve Of A Drain Arrangement And Drainage System
 (51) Int. Cl.
E03C 1/23 (2006.01)
F16K 31/44 (2006.01)
 (31) 10.2022.209.842.0 (32) 19.09.22 (33) DE
 (43) 04.04.2024
 (72) KOSKA, Reinhard; FRANK, Manuel; KAHL-MARBURGER, Georg
 (74) WRAYS PTY LTD

(71) BlueScope Steel Limited
 (11) AU-A-2024201691
 (21) 2024201691 (22) 14.03.2024
 (54) Metal-coated steel strip
 (51) Int. Cl.
C23C 2/06 (2006.01)
C23C 2/12 (2006.01)
C23C 2/14 (2006.01)
C23C 2/28 (2006.01)
 (43) 04.04.2024
 (62) 2021221876
 (72) RENSCHAW, Wayne; LIU, Qiyang; WILLIAMS, Joe
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Britax Childcare Pty Ltd
 (11) AU-A-2024201652
 (21) 2024201652 (22) 13.03.2024
 (54) IMPACT ENERGY ABSORBING DEVICE
 (51) Int. Cl.
B60N 2/26 (2006.01)
 (43) 04.04.2024
 (62) 2017279736
 (72) Maciejczyk, Wieslaw
 (74) Madderns Pty Ltd

(71) CATERPILLAR INC.
 (11) AU-A-2023219802
 (21) 2023219802 (22) 21.08.2023
 (54) STAGGERING MACHINE ARRIVAL TIMES AT WORKSITE LOADING AREA
 (51) Int. Cl.
G05D 1/00 (2006.01)
G06Q 10/08 (2023.01)
G08G 1/123 (2006.01)

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 (43) 04.04.2024
 (72) PETERS, Justin
 (74) FPA Patent Attorneys Pty Ltd

(71) Cellphire, Inc.
 (11) AU-A-2024201792
 (21) 2024201792 (22) 19.03.2024
 (54) Thrombosomes as an antiplatelet agent reversal agent
 (51) Int. Cl.
 A61P 7/02 (2006.01)
 A01N 1/02 (2006.01)
 A61P 7/04 (2006.01)
 (43) 04.04.2024
 (62) 2020334903
 (72) MOSKOWITZ, Keith Andrew; ISHLER, Braden Carl; DICKERSON, William Matthew; TANDON, Narendra Nath; LEE, Amber Nicole
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) CFPH, LLC
 (11) AU-A-2024201740
 (21) 2024201740 (22) 18.03.2024
 (54) SYSTEM AND METHOD FOR MAP-
 PING RESULTS FROM SPORTING
 EVENTS TO GAME INPUTS
 (51) Int. Cl.
 A63F 13/00 (2014.01)
 G05B 11/01 (2006.01)
 G07F 17/32 (2006.01)
 (43) 04.04.2024
 (62) 2022200062
 (72) Asher, Joseph M.; Lutnick, Howard W.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) China University of Mining and Techno-
 logy
 (11) AU-A-2023226787
 (21) 2023226787 (22) 08.09.2023
 (54) FLY ASH-BASED FIRE-PREVENTION
 AND EXTINGUISHING MATERIAL
 WITH CARBON DIOXIDE MINERAL-
 IZED AND STORED, AND PREPARA-
 TION METHOD THEREOF
 (51) Int. Cl.
 A62D 1/06 (2006.01)
 A62D 1/00 (2006.01)
 C04B 18/08 (2006.01)
 C09K 21/02 (2006.01)
 C04B 111/28 (2006.01)
 (31) 202211127088.4 (32) 16.09.22 (33) CN
 (43) 04.04.2024
 (72) Qing, Botao; Shao, Xu; Shi, Quanlin;
 Yang, Yixuan; Ma, Zujie; Jiang, Wenjie;
 Yang, Hongqi; Sun, Hongbiao; Meng,
 Qingni; Wei, Dejun
 (74) Madderns Pty Ltd

(71) Choon's Design LLC
 (11) AU-A-2023216882
 (21) 2023216882 (22) 18.08.2023
 (54) ELASTIC BAND MODEL KIT
 (51) Int. Cl.

A63H 33/10 (2006.01)
 A44C 5/02 (2006.01)
 (31) 63/406,903 (32) 15.09.22 (33) US
 17/993,260 23.11.22 US
 (43) 04.04.2024
 (72) Ng, Cheong Choon; Minor, Jacob
 (74) LAMINAR IP PTY LTD

(71) Coronado Aesthetics, LLC
 (11) AU-A-2024201766
 (21) 2024201766 (22) 19.03.2024
 (54) Methods of treating skin conditions us-
 ing plasmonic nanoparticles
 (51) Int. Cl.
 A61K 8/02 (2006.01)
 A61K 8/19 (2006.01)
 A61K 8/29 (2006.01)
 A61Q 19/00 (2006.01)
 (43) 04.04.2024
 (62) 2022224698
 (72) Paithankar, Dilip
 (74) Davies Collison Cave Pty Ltd

(71) Crown Equipment Corporation
 (11) AU-A-2024200735
 (21) 2024200735 (22) 06.02.2024
 (54) User interface device for industrial
 vehicle
 (51) Int. Cl.
 G06F 3/048 (2013.01)
 (43) 04.04.2024
 (62) 2022252727
 (72) Ochenas, Jonathan; Neubert, Katharine
 (74) Griffith Hack

(71) dcbel Inc.
 (11) AU-A-2024201758
 (21) 2024201758 (22) 18.03.2024
 (54) Electric vehicle battery charger
 (51) Int. Cl.
 H02J 7/02 (2016.01)
 B60L 50/60 (2019.01)
 B60L 53/60 (2019.01)
 H02M 7/04 (2006.01)
 (43) 04.04.2024
 (62) 2018349094
 (72) VAHEDI, Hani; FORGET, Marc-André
 (74) FB Rice Pty Ltd

(71) Deere & Company
 (11) AU-A-2023210658
 (21) 2023210658 (22) 04.08.2023
 (54) Speed control for harvester
 (51) Int. Cl.
 A01D 45/10 (2006.01)
 A01D 41/127 (2006.01)
 A01F 12/30 (2006.01)
 A01F 12/40 (2006.01)
 A01F 12/44 (2006.01)
 A01F 12/48 (2006.01)
 A01F 12/56 (2006.01)
 (31) 63/407000 (32) 15.09.22 (33) US
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 (43) 04.04.2024
 (72) Simoneaux, Jeffrey J.; Buss, Jason C.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023214328
 (21) 2023214328 (22) 10.08.2023
 (54) Furrow visualization
 (51) Int. Cl.
 A01C 7/10 (2006.01)
 (31) 17/949852 (32) 21.09.22 (33) US
 (43) 04.04.2024
 (72) Lichtenwalner, Houstin L.; Ferren, Bran;
 Lariviere, Don; Hubner, Cary S.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023216837
 (21) 2023216837 (22) 17.08.2023
 (54) Seeder depth control
 (51) Int. Cl.
 A01C 7/20 (2006.01)
 (31) 17/949604 (32) 21.09.22 (33) US
 (43) 04.04.2024
 (72) Harmon, Andrew W.; Graham, William
 Douglas
 (74) Davies Collison Cave Pty Ltd

(71) DexCom, Inc.
 (11) AU-A-2024201688
 (21) 2024201688 (22) 14.03.2024
 (54) System and method for decision sup-
 port
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 5/145 (2006.01)
 G06N 5/04 (2023.01)
 (43) 04.04.2024
 (62) 2019217879
 (72) CONSTANTIN, Alexandra Elena;
 BELLIVEAU, Scott M.; BHAVARAJU,
 Naresh C.; BLACKWELL, Jennifer;
 COHEN, Eric; DATTARAY, Basab;
 DAVIS, Anna Leigh; DRAEGER, Ri-
 an; GARCIA, Arturo; GRAY, John Mi-
 chael; HAMPAPURAM, Hari; HEINTZ-
 MAN, Nathaniel David; JEPSON,
 Lauren Hruby; JOHNSON, Matthew
 Lawrence; KAMATH, Apurv Ullas;
 KOEHLER, Katherine Yerre; MAY-
 OU, Phil; MCBRIDE, Patrick Wile;
 MENSINGER, Michael Robert; MI-
 KAMI, Sumitaka; PAL, Andrew Attila;
 POLYTARIDIS, Nicholas; PUPA, Philip
 Thomas; REIHMAN, Eli; SIMPSON,
 Peter C.; WALKER, Tomas C.; WEIDE-
 BACK, Daniel Justin; PAI, Subrai Girish;
 VOGEL, Matthew T.
 (74) FB Rice Pty Ltd

(71) Diehl Defence GmbH & Co. KG
 (11) AU-A-2023222888
 (21) 2023222888 (22) 30.08.2023
 (54) Marx generator with fluid cooling and
 gas space for spark gaps
 (51) Int. Cl.
 H03K 3/537 (2006.01)
 H03B 11/02 (2006.01)
 (31) 10 2022 003 392.5 (32) 15.09.22 (33) DE
 (43) 04.04.2024
 (72) URBAN, Jürgen; DOMMER, Josef;
 BICKES, Christian; KADETOV, Victor
 (74) Spruson & Ferguson

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(11) AU-A-2024201690
(21) 2024201690 (22) 14.03.2024
(54) Source color volume information messaging
(51) Int. Cl.
H04N 19/186 (2014.01)
H04N 19/46 (2014.01)
H04N 19/70 (2014.01)
H04N 21/235 (2011.01)
H04N 21/84 (2011.01)
(43) 04.04.2024
(62) 2023285711
(72) CHEN, Tao; YIN, Peng; LU, Taoran; HUSAK, Walter J.
(74) Spruson & Ferguson
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- (71) Dorfliger, L.
(11) AU-A-2023226781
(21) 2023226781 (22) 08.09.2023
(54) Material structure furling apparatus
(51) Int. Cl.
B65H 18/16 (2006.01)
E04H 15/32 (2006.01)
(31) 2022902723 (32) 21.09.22 (33) AU
(43) 04.04.2024
(72) Dorfliger, Lee
(74) Patentec Patent Attorneys
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- (71) Drawbridge Health, Inc.
(11) AU-A-2024201653
(21) 2024201653 (22) 13.03.2024
(54) Devices, systems, and methods for sample collection
(51) Int. Cl.
A61B 5/15 (2006.01)
(43) 04.04.2024
(62) 2023237130
(72) Beyerlein, Dagmar; Drexel, Masao; Jordan, Brett L.; Jackson, Alicia; Juneau, Kara
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Duration Media LLC
(11) AU-A-2024201669
(21) 2024201669 (22) 14.03.2024
(54) TECHNOLOGIES FOR CONTENT PRESENTATION
(51) Int. Cl.
G06Q 30/00 (2023.01)
(43) 04.04.2024
(62) 2020325291
(72) BATKIN, Andy; HERMAN, Gary; HANNON, Michael
(74) Dentons Patent Attorneys Australasia Limited
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- (71) E Ink Corporation
(11) AU-A-2024201806
(21) 2024201806 (22) 20.03.2024
(54) DRIVING SEQUENCES TO REMOVE PRIOR STATE INFORMATION FROM
COLOR ELECTROPHORETIC DISPLAYS
(51) Int. Cl.
G02F 1/167 (2019.01)
G09G 3/20 (2006.01)
G09G 3/34 (2006.01)
(43) 04.04.2024
(62) 2021368677
(72) PAYKIN, Irina; TELFER, Stephen J.; CROUNSE, Kenneth R.
(74) RnB IP Pty Ltd
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(11) AU-A-2024201809
(21) 2024201809 (22) 20.03.2024
(54) FOUR PARTICLE ELECTROPHORETIC MEDIUM PROVIDING FAST, HIGH-CONTRAST OPTICAL STATE SWITCHING
(51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/1675 (2019.01)
G02F 1/1676 (2019.01)
(43) 04.04.2024
(62) 2021345023
(72) TELFER, Stephen J.; BEN-DOV, Yuval; SIM, Teck Ping; TSAI, Sherry Hsin-Yi
(74) RnB IP Pty Ltd
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- (71) Enable Injections, Inc.
(11) AU-A-2024201451
(21) 2024201451 (22) 05.03.2024
(54) HAND-HELD FLUID TRANSFER DEVICE AND SYSTEM
(51) Int. Cl.
A61J 1/20 (2006.01)
A61M 5/31 (2006.01)
(43) 04.04.2024
(62) 2018285530
(72) Bouelle, Dylan L.; Huddleston, Matthew J.; Palmer, Joetta Renee; Stefanchik, David
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Fertin Pharma A/S
(11) AU-A-2024201729
(21) 2024201729 (22) 15.03.2024
(54) COMPRESSED NICOTINE LOZENGE
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 9/24 (2006.01)
(43) 04.04.2024
(62) 2020363748
(72) NIELSEN, Bruno Provstgaard; BOESEN, Dorthe Schackinger; BRUUN, Heidi Ziegler; NIELSEN, Kent Albin; PRANGER-RASMUSSEN, Rikke
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Firmus Metal Technologies Singapore Pte Ltd
(11) AU-A-2024201689
(21) 2024201689 (22) 14.03.2024
(54) A tank for heat dissipation and a cooling system including the same
(51) Int. Cl.
F28D 15/00 (2006.01)
G05D 16/00 (2006.01)
H05K 7/20 (2006.01)
(43) 04.04.2024
(62) 2021444494
(72) LEVEE, Jonathan; CURTIS, Oliver; BULS, Andrew; KERR, Hamish
(74) FB Rice Pty Ltd
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- (71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024201682
(21) 2024201682 (22) 14.03.2024
(54) RESPIRATORY HUMIDIFIER COMMUNICATION SYSTEMS AND METHODS
(51) Int. Cl.
A61M 16/16 (2006.01)
(43) 04.04.2024
(62) 2022201034
(72) CHEUNG, Dexter Chi Lun; PAYTON, Matthew Jon; SEEKUP, Peter Alan
(74) AJ PARK
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(11) AU-A-2024201748
(21) 2024201748 (22) 14.03.2024
(54) Video coding using a coded picture buffer
(51) Int. Cl.
H04N 19/109 (2014.01)
H04N 19/117 (2014.01)
H04N 19/136 (2014.01)
H04N 19/147 (2014.01)
H04N 19/503 (2014.01)
(43) 04.04.2024
(62) 2023204186
(72) SÁNCHEZ DE LA FUENTE, Yago; BROSS, Benjamin; SKUPIN, Robert; HELLGE, Cornelius; SCHIERL, Thomas; WIEGAND, Thomas
(74) Griffith Hack
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- (71) Gen-Probe Incorporated
(11) AU-A-2024201718
(21) 2024201718 (22) 15.03.2024
(54) Analytical systems, methods, and program for performing nucleic acid amplification assays
(51) Int. Cl.
B01J 19/00 (2006.01)
B01L 7/00 (2006.01)
C12Q 1/6844 (2018.01)
G01N 35/00 (2006.01)
(43) 04.04.2024
(62) 2022200573
(72) TIDD, Jennifer L.; SHAPIRO, Ann-laure; SHAH, Ankur H.; TUGGLE, James T.; OPALSKY, David; LIO, Alberto A.; SCHEER, Timothy J.; RHUBOTTOM, Jason F.; BUSE, David Aaron
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 (11) AU-A-2024201803
 (21) 2024201803 (22) 20.03.2024
 (54) System and method for generating computerized models of structures using geometry extraction and reconstruction techniques
 (51) Int. Cl.
G06T 15/00 (2011.01)
 (43) 04.04.2024
 (62) 2021282413
 (72) LEWIS, Jeffery D.; TAYLOR, Jeffrey C.
 (74) Davies Collison Cave Pty Ltd
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- (71) Geonavo Positioning Systems, Inc.
 (11) AU-A-2024201783
 (21) 2024201783 (22) 19.03.2024
 (54) LOCALIZATION SYSTEM AND METHOD
 (51) Int. Cl.
G01S 5/00 (2006.01)
G16H 40/20 (2018.01)
 (43) 04.04.2024
 (62) 2021322835
 (72) WILLIAMS, Malcolm; HARDIE, Stewart Ian; CURTICAPEAN, Ioan Romulus; HUDSON, Benjamin Griffen Ryan
 (74) K&L Gates
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- (71) GE Video Compression, LLC
 (11) AU-A-2024201670
 (21) 2024201670 (22) 14.03.2024
 (54) Video data stream concept
 (51) Int. Cl.
H04N 21/00 (2011.01)
 (43) 04.04.2024
 (62) 2022252837
 (72) SCHIERL, Thomas; GEORGE, Valeri; HENKEL, Anastasia; MARPE, Detlev; GRUENEBERG, Karsten; SKUPIN, Robert
 (74) Griffith Hack
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- (71) GE Video Compression, LLC
 (11) AU-A-2024201731
 (21) 2024201731 (22) 15.03.2024
 (54) Entropy coding of motion vector differences
 (51) Int. Cl.
H03M 7/42 (2006.01)
 (43) 04.04.2024
 (62) 2023203785
 (72) STEGEMANN, Jan; WIEGAND, Thomas; GEORGE, Valeri; BROSS, Benjamin; KIRCHHOFFER, Heiner; MARPE, Detlev; NGUYEN, Tung; PREISS, Matthias; SIEKMANN, Mischa
 (74) Griffith Hack
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- (71) Gilead Sciences, Inc.
 (11) AU-A-2024201573
 (21) 2024201573 (22) 08.03.2024
 (54) Phospholipid compounds and uses thereof
 (51) Int. Cl.
C07F 9/6561 (2006.01)
A61K 9/08 (2006.01)
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- (71) Golden Solar (Quanzhou) New Energy Technology Co., Ltd.
 (11) AU-A-2023201492
 (21) 2023201492 (22) 09.03.2023
 (54) HYBRID PASSIVATION BACK CONTACT CELL AND FABRICATION METHOD THEREOF
 (51) Int. Cl.
H01L 31/072 (2012.01)
H01L 21/04 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/18 (2006.01)
 (31) 202211125435.X (32) 16.09.22 (33) CN
 (43) 04.04.2024
 (72) LIN, Kairui
 (74) Discover IP
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- (71) Greenworks (Jiangsu) Co., Ltd
 (11) AU-A-2023219982
 (21) 2023219982 (22) 25.08.2023
 (54) HUB MOTOR ASSEMBLY AND GARDEN TOOL
 (51) Int. Cl.
A01D 69/06 (2006.01)
F16D 41/12 (2006.01)
F16H 1/28 (2006.01)
 (31) 202211132231.9 (32) 16.09.22 (33) CN
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 (43) 04.04.2024
 (72) Cao, Yuexun; Li, Zhiyuan; Gao, Naixin; Wang, Tao
 (74) Madderns Pty Ltd
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- (71) Griffith University
 (11) AU-A-2022235552
 (21) 2022235552 (22) 20.09.2022
 (54) A computer program, apparatus, and computer-implemented method of pre-operative planning for patient surgery
 (51) Int. Cl.
A61B 34/10 (2016.01)
A61B 5/11 (2006.01)
A61B 5/389 (2021.01)
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
A61B 17/56 (2006.01)
G16H 10/60 (2018.01)
G16H 20/40 (2018.01)
G16H 30/40 (2018.01)
G16H 40/60 (2018.01)
G16H 50/50 (2018.01)
A61B 17/00 (2006.01)
A61B 34/00 (2016.01)
 (43) 04.04.2024
 (72) Barzan, Martina; Carty, Chris; Smith, Derek; Lloyd, David; Bade, David
 (74) FB Rice Pty Ltd
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- (71) Hu, J.
 (11) AU-A-2023202954
 (21) 2023202954 (22) 11.05.2023
 (54) Automobile Steering Simulator
 (51) Int. Cl.
A63F 13/245 (2014.01)
A63F 13/285 (2014.01)
A63F 13/803 (2014.01)
 (31) 202211146121.8 (32) 20.09.22 (33) CN
 202320746629.5 30.03.23 CN
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 (43) 04.04.2024
 (72) Hu, Jian
 (74) PATENTS AU PTY LTD
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 (11) AU-A-2023233060
 (21) 2023233060 (22) 19.09.2023
 (54) FLIP TOP LID WITH A REPLACEABLE THREADED DECORATIVE TOP
 (51) Int. Cl.
B65D 47/08 (2006.01)
B65D 51/04 (2006.01)
B65D 51/24 (2006.01)
B65D 55/16 (2006.01)
 (31) 17/947,448 (32) 19.09.22 (33) US
 (43) 04.04.2024
 (72) HUANG, Po-Chun
 (74) PIPERS
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- (71) Hunter Douglas, Inc.
 (11) AU-A-2024201767
 (21) 2024201767 (22) 19.03.2024
 (54) Battened roller covering
 (51) Int. Cl.
E06B 9/17 (2006.01)
E06B 9/266 (2006.01)
 (43) 04.04.2024
 (62) 2018202537
 (72) SIEBENALLER, Michael J.; DANN, Kevin
 (74) Spruson & Ferguson
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- (71) IHI Corporation
 (11) AU-A-2023204652
 (21) 2023204652 (22) 13.07.2023
 (54) Power control device, power control method, and power control program
 (51) Int. Cl.
H02J 3/00 (2006.01)
G06Q 50/06 (2012.01)
H02J 3/38 (2006.01)
 (31) 2022-147175 (32) 15.09.22 (33) JP
 (43) 04.04.2024
 (72) Arimura, Toshinobu; Inamura, Akinobu; Konishi, Misako; Hamaguchi, Kenichi
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ImmunoGen, Inc.
 (11) AU-A-2024201615
 (21) 2024201615 (22) 12.03.2024
 (54) Anti-FOLR1 immunoconjugate dosing regimens
 (51) Int. Cl.
A61L 9/03 (2006.01)

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(62) 2020264270
(72) LUTZ, Robert J.; PONTE, Jose
(74) Spruson & Ferguson
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- (71)** Intuit Inc.
(11) AU-A-2024201752
(21) 2024201752 **(22)** 18.03.2024
(54) Categorizing transaction records
(51) Int. Cl.
G06Q 40/00 (2023.01)
G06F 16/35 (2019.01)
G06N 5/02 (2023.01)
G06N 20/00 (2019.01)
G06N 20/20 (2019.01)
(43) 04.04.2024
(62) 2021202846
(72) Pei, Lei; Liu, Juan; Lu, Ruobing; Sun, Ying; Simpson, Heather Elizabeth; Ho, Nhung
(74) Davies Collison Cave Pty Ltd
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- (71)** Itron, Inc
(11) AU-A-2023222962
(21) 2023222962 **(22)** 31.08.2023
(54) Encryption key management in mesh networks
(51) Int. Cl.
H04L 9/00 (2022.01)
H04W 40/24 (2009.01)
(31) 17/934,072 **(32)** 21.09.22 **(33)** US
(43) 04.04.2024
(72) PARKKILA, Tommi Petteri; KRISH-NABHAT, Dathathreya; ROCKEY, Matthew
(74) Spruson & Ferguson
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- (71)** Itron, Inc
(11) AU-A-2023222966
(21) 2023222966 **(22)** 31.08.2023
(54) Messaging among message groups in a mesh network
(51) Int. Cl.
H04W 84/18 (2009.01)
H04W 84/00 (2009.01)
(31) 17/933,007 **(32)** 16.09.22 **(33)** US
(43) 04.04.2024
(72) PARKKILA, Tommi Petteri; ROCKEY, Matthew
(74) Spruson & Ferguson
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- (71)** Itron, Inc.
(11) AU-A-2023222965
(21) 2023222965 **(22)** 31.08.2023
(54) Messaging among message groups in a mesh network
(51) Int. Cl.
H04W 84/18 (2009.01)
H04L 9/40 (2022.01)
H04L 51/06 (2022.01)
H04W 48/08 (2009.01)
(31) 17/933,011 **(32)** 16.09.22 **(33)** US
(43) 04.04.2024
(72) PARKKILA, Tommi Petteri; ROCKEY, Matthew
(74) Spruson & Ferguson
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- (71)** Itron, Inc.
(11) AU-A-2023229484
(21) 2023229484 **(22)** 12.09.2023
(54) Messaging among agents in a mesh network
(51) Int. Cl.
H04L 51/58 (2022.01)
G06F 15/173 (2006.01)
H04L 12/54 (2022.01)
H04L 47/70 (2022.01)
H04W 40/24 (2009.01)
H04W 84/18 (2009.01)
(31) 17/933,017 **(32)** 16.09.22 **(33)** US
(43) 04.04.2024
(72) PARKKILA, Tommi Petteri; ROCKEY, Matthew
(74) Spruson & Ferguson
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- (71)** Itron, Inc.
(11) AU-A-2023229493
(21) 2023229493 **(22)** 12.09.2023
(54) Encryption key management in mesh networks
(51) Int. Cl.
H04L 9/08 (2006.01)
G06F 21/44 (2013.01)
H04W 12/0431 (2021.01)
(31) 17/934,074 **(32)** 21.09.22 **(33)** US
(43) 04.04.2024
(72) PARKKILA, Tommi Petteri; KRISH-NABHAT, Dathathreya; ROCKEY, Matthew
(74) Spruson & Ferguson
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- (71)** J.R. Simplot Company
(11) AU-A-2024201721
(21) 2024201721 **(22)** 15.03.2024
(54) Potato Protein Powders
(51) Int. Cl.
A23J 1/00 (2006.01)
(43) 04.04.2024
(62) 2018243407
(72) Bohlscheid, Jeffri Curtis; Fletcher, Katrina Marie; Huffman, Lee Meryl
(74) Knightsbridge Patent Attorneys
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- (71)** Janssen Pharmaceutica NV
(11) AU-A-2024201709
(21) 2024201709 **(22)** 15.03.2024
(54) P2X7 modulators
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
A61P 29/00 (2006.01)
A61P 37/02 (2006.01)
(43) 04.04.2024
(62) 2021236451
(72) ALCAZAR VACA, Manuel Jesus; ALLISON, Brett D.; ANDRES GIL, Jose Ignacio; CHROVIAN, Christa C.; COATE, Heather R.; DE ANGELIS, Meri; DENG, Xiaohu; DVORAK, Curt A.; GELIN, Christine F.; LETAVIC, Michael A.; LIANG, Jimmy T.; MANI, Neelakandha S.; RECH, Jason C.; SAVALL, Brad M.; SOYODE-JOHNSON, Akinola;
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- STENNE, Brice M.; SWANSON, Devin M.; WALL, Jessica L.
(74) Spruson & Ferguson
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- Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.**
(21) 2024201761
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(21) 2024201762
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- (71)** Kabushiki Kaisha Toshiba
(11) AU-A-2023200744
(21) 2023200744 **(22)** 10.02.2023
(54) Electrolysis device and method of controlling electrolysis device
(51) Int. Cl.
C25B 15/023 (2021.01)
C25B 9/17 (2021.01)
C25C 7/04 (2006.01)
(31) 2022-147364 **(32)** 15.09.22 **(33)** JP
(43) 04.04.2024
(72) KIYOTA, Yasuhiro; ONO, Akihiko; MIKOSHIBA, Satoshi; KITAGAWA, Ryota
(74) Griffith Hack
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- (71)** Kabushiki Kaisha Toshiba
(11) AU-A-2023200831
(21) 2023200831 **(22)** 14.02.2023
(54) Sequstration system
(51) Int. Cl.
B01D 53/96 (2006.01)
B01D 53/32 (2006.01)
B01D 53/62 (2006.01)
C01B 32/05 (2017.01)
(31) 2022-147420 **(32)** 15.09.22 **(33)** JP
(43) 04.04.2024
(72) KITAGAWA, Ryota; FUJIWARA, Naoya; KOFUJI, Yusuke; ONO, Akihiko; MIKOSHIBA, Satoshi
(74) Griffith Hack
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- (71)** Kabushiki Kaisha Toshiba
(11) AU-A-2023201037
(21) 2023201037 **(22)** 22.02.2023
(54) Electrolytic device
(51) Int. Cl.
C25B 9/60 (2021.01)
C25B 1/04 (2021.01)
C25B 1/23 (2021.01)
(31) 2022-147391 **(32)** 15.09.22 **(33)** JP
(43) 04.04.2024
(72) ONO, Akihiko; KOFUJI, Yusuke; KUDO, Yuki; MIKOSHIBA, Satoshi; KITAGAWA, Ryota
(74) Griffith Hack
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- (71)** Kabushiki Kaisha Toshiba
(11) AU-A-2023201239
(21) 2023201239 **(22)** 01.03.2023
(54) Electrolysis device and electrolysis method
(51) Int. Cl.

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C25B 15/023 (2021.01)
C25B 3/26 (2021.01)
(31) 2022-147380 **(32)** 15.09.22 **(33)** JP
(43) 04.04.2024
(72) KUDO, Yuki; ONO, Akihiko;
 MIKOSHIBA, Satoshi; KITAGAWA,
 Ryota
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba
(11) AU-A-2023201374
(21) 2023201374 **(22)** 06.03.2023
(54) Electrolytic device
(51) Int. Cl.
C25B 1/02 (2006.01)
C01B 3/02 (2006.01)
C25B 9/60 (2021.01)
C25B 9/67 (2021.01)
C25B 15/00 (2006.01)
C25C 7/06 (2006.01)
(31) 2022-148606 **(32)** 16.09.22 **(33)** JP
(43) 04.04.2024
(72) ONO, Akihiko; KIYOTA, Yasuhiro;
 MIKOSHIBA, Satoshi; KITAGAWA,
 Ryota
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; THE UNI-
 VERSITY OF TOKYO
(11) AU-A-2023201532
(21) 2023201532 **(22)** 13.03.2023
(54) AMMONIA MANUFACTURING APPAR-
 ATUS AND AMMONIA MANUFACTUR-
 ING METHOD
(51) Int. Cl.
C25B 1/27 (2021.01)
C25B 1/50 (2021.01)
C25B 11/031 (2021.01)
C25B 11/054 (2021.01)
C25B 11/065 (2021.01)
C25B 11/075 (2021.01)
(31) 2022-147413 **(32)** 15.09.22 **(33)** JP
(43) 04.04.2024
(72) TAMURA, Jun; KITAGAWA, Ryota;
 MIZUGUCHI, Koji; SUGANO, Yoshit-
 sune; NISHIBAYASHI, Yoshiaki;
 ARASHIBA, Kazuya
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba En-
 ergy Systems & Solutions Corporation
(11) AU-A-2023219977
(21) 2023219977 **(22)** 25.08.2023
(54) LAMINATED CATALYST, ELEC-
 TRODE, MEMBRANE ELECTRODE
 ASSEMBLY, ELECTROCHEMICAL
 CELL, STACK, AND ELECTROLYZER
(51) Int. Cl.
B01J 23/89 (2006.01)
B01J 23/46 (2006.01)
B01J 23/755 (2006.01)
B01J 35/31 (2024.01)
B01J 35/63 (2024.01)
B01J 37/02 (2006.01)
C25B 11/053 (2021.01)
H01M 4/92 (2006.01)
(31) 2022-149609 **(32)** 20.09.22 **(33)** JP

(43) 04.04.2024
(72) YOSHINAGA, Norihiro; SUGANO,
 Yoshitsune; FUKAZAWA, Taishi; HO-
 SONO, Yasuharu
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba En-
 ergy Systems & Solutions Corporation
(11) AU-A-2023226654
(21) 2023226654 **(22)** 05.09.2023
(54) Manufacturing method for electro-
 lyte membrane including noble metal
 particles, electrolyte membrane includ-
 ing noble metal particles, membrane
 electrode assembly, electrochemical
 cell, stack, and electrolyzer
(51) Int. Cl.
H01M 8/10 (2016.01)
H01B 1/22 (2006.01)
H01M 8/02 (2016.01)
(31) 2022-149624 **(32)** 20.09.22 **(33)** JP
(43) 04.04.2024
(72) NAKANO, Yoshihiko; YOSHINAGA,
 Norihiro
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba En-
 ergy Systems & Solutions Corporation
(11) AU-A-2023226663
(21) 2023226663 **(22)** 05.09.2023
(54) Membrane electrode assembly, laminat-
 ing method, electrochemical cell, stack,
 and electrolyzer
(51) Int. Cl.
H01M 8/1004 (2016.01)
C25B 9/23 (2021.01)
H01M 8/0286 (2016.01)
(31) 2022-149622 **(32)** 20.09.22 **(33)** JP
(43) 04.04.2024
(72) YOSHINAGA, Norihiro; ONO, Aki-
 hiko; SUGANO, Yoshitsune; NAKANO,
 Yoshihiko; HIRAZAWA, Hiroaki
(74) Griffith Hack

(71) KA Imaging Inc.
(11) AU-A-2024201668
(21) 2024201668 **(22)** 14.03.2024
(54) Method and apparatus for a high resolu-
 tion, high speed radiation imaging
(51) Int. Cl.
G01T 1/29 (2006.01)
A61B 6/03 (2006.01)
(43) 04.04.2024
(62) 2019264874
(72) KARIM, Karim S.; SCOTT, Chris; LI,
 Yunzhe
(74) FPA Patent Attorneys Pty Ltd

(71) Kevin Kremeyer
(11) AU-A-2024201650
(21) 2024201650 **(22)** 13.03.2024
(54) Directed energy deposition to facilitate
 high speed applications
(51) Int. Cl.
D03D 47/30 (2006.01)
D03D 47/27 (2006.01)
D03D 47/28 (2006.01)

(43) 04.04.2024
(62) 2021258096
(72) KREMEYER, Kevin
(74) FB Rice Pty Ltd

(71) Kim, T.
(11) AU-A-2022279384
(21) 2022279384 **(22)** 28.11.2022
(54) MANNER KNOCK HORN DEVICE
 FOR VEHICLE
(51) Int. Cl.
B60Q 5/00 (2006.01)
G10K 9/12 (2006.01)
(31) 10-2022-0117760 **(32)** 19.09.22 **(33)** KR
(43) 04.04.2024
(72) Kim, Taeoan
(74) Acacia Law

(71) Kissei Pharmaceutical Co., Ltd.
(11) AU-A-2024201694
(21) 2024201694 **(22)** 14.03.2024
(54) GONADOTROPIN-RELEASING HOR-
 MONE ANTAGONIST DOSING REG-
 IMENS FOR TREATING UTERINE
 FIBROIDS AND REDUCING MEN-
 STRUAL BLOOD LOSS
(51) Int. Cl.
A61K 31/519 (2006.01)
A61P 15/00 (2006.01)
(43) 04.04.2024
(62) 2018280741
(72) LOUMAYE, Ernest; GOTTELAND,
 Jean-Pierre; POHL, Oliver
(74) Collison & Co

(71) Kissei Pharmaceutical Co., Ltd.
(11) AU-A-2024201701
(21) 2024201701 **(22)** 14.03.2024
(54) GONADOTROPIN-RELEASING HOR-
 MONE ANTAGONIST DOSING REGI-
 MENS FOR THE TREATMENT OF EN-
 DOMETRIOSIS
(51) Int. Cl.
A61K 31/519 (2006.01)
A61P 15/00 (2006.01)
(43) 04.04.2024
(62) 2018280742
(72) LOUMAYE, Ernest; GOTTELAND,
 Jean-Pierre
(74) Collison & Co

(71) LG Electronics Inc.
(11) AU-A-2024201684
(21) 2024201684 **(22)** 14.03.2024
(54) Clothes treating apparatus
(51) Int. Cl.
D06F 39/04 (2006.01)
D06F 37/12 (2006.01)
D06F 37/24 (2006.01)
D06F 37/40 (2006.01)
D06F 39/08 (2006.01)
(43) 04.04.2024
(62) 2021266349
(72) LEE, Byungjin; NO, Yanghwan; HAN,
 Inhee; LEE, Jihong
(74) FB Rice Pty Ltd

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(71) LG Electronics Inc.
 (11) AU-A-2024201699
 (21) 2024201699 (22) 14.03.2024
 (54) METHOD AND APPARATUS FOR ENCODING/DECODING IMAGE ON BASIS OF PICTURE HEADER INCLUDING INFORMATION RELATING TO CO-LOCATED PICTURE, AND METHOD FOR TRANSMITTING BIT-STREAM
 (51) Int. Cl.
H04N 19/52 (2014.01)
H04N 19/105 (2014.01)
H04N 19/174 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)
 (43) 04.04.2024
 (62) 2020396705
 (72) NAM, Jung Hak; HENDRY, Hendry; LIM, Jaehyun; KIM, Seung Hwan
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2024201777
 (21) 2024201777 (22) 19.03.2024
 (54) Method for coding image on basis of intra prediction using MPM list and apparatus therefor
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/105 (2014.01)
H04N 19/176 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
 (43) 04.04.2024
 (62) 2023204191
 (72) LIM, Jaehyun; LI, Ling; HEO, Jin; CHOI, Jangwon; KIM, Seunghwan
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2024201784
 (21) 2024201784 (22) 19.03.2024
 (54) Image encoding/decoding method and apparatus using adaptive transform, and method for transmitting bitstream
 (51) Int. Cl.
H04N 19/12 (2014.01)
H04N 19/119 (2014.01)
H04N 19/132 (2014.01)
H04N 19/176 (2014.01)
H04N 19/18 (2014.01)
 (43) 04.04.2024
 (62) 2020376669
 (72) ZHAO, Jie; KIM, Seung Hwan; HENDRY, Hendry; PALURI, Seethal
 (74) Dentons Patent Attorneys Australasia Limited

(71) Lifetime Products, Inc.
 (11) AU-A-2024201802
 (21) 2024201802 (22) 20.03.2024
 (54) Two-stage lock assembly
 (51) Int. Cl.
A47B 3/08 (2006.01)
A47B 3/083 (2006.01)
A47B 3/087 (2006.01)

A47B 3/091 (2006.01)
A47B 9/14 (2006.01)
 (43) 04.04.2024
 (62) 2020311396
 (72) NYE, Curtis S.
 (74) Griffith Hack

(71) Lockheed Martin Corporation
 (11) AU-A-2023214379
 (21) 2023214379 (22) 11.08.2023
 (54) WING TANK VAPORIZER FOR SOLID OXIDE FUEL CELL ON UNMANNED AIRCRAFT
 (51) Int. Cl.
B64U 50/19 (2023.01)
B64D 27/24 (2006.01)
B64D 37/06 (2006.01)
H01M 8/04007 (2016.01)
H01M 8/04701 (2016.01)
H01M 8/12 (2016.01)
 (31) 17/932,424 (32) 15.09.22 (33) US
 (43) 04.04.2024
 (72) GAMBLE, Dustin Eli
 (74) RnB IP Pty Ltd

(71) Lumos Pharma, Inc.
 (11) AU-A-2024201658
 (21) 2024201658 (22) 14.03.2024
 (54) DETECTING AND TREATING GROWTH HORMONE DEFICIENCY
 (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/404 (2006.01)
C07D 471/02 (2006.01)
 (43) 04.04.2024
 (62) 2021254600
 (72) THORNER, Michael Oliver
 (74) James & Wells Intellectual Property

(71) Lupagen, Inc.
 (11) AU-A-2024201810
 (21) 2024201810 (22) 20.03.2024
 (54) Systems and methods for closed loop, real-time modifications of patient cells
 (51) Int. Cl.
A61M 1/36 (2006.01)
A61B 5/15 (2006.01)
A61M 1/38 (2006.01)
 (43) 04.04.2024
 (62) 2019266347
 (72) DAS, Nripendra; PERITT, David
 (74) Davies Collison Cave Pty Ltd

(71) Lynxsport GmbH
 (11) AU-A-2023233114
 (21) 2023233114 (22) 20.09.2023
 (54) STORAGE BAG
 (51) Int. Cl.
A45C 5/06 (2006.01)
A45C 13/38 (2006.01)
B62B 1/26 (2006.01)
 (31) 20 2022 105 303.0 (32) 20.09.22 (33) DE
 18/085,870 21.12.22 US
 (43) 04.04.2024
 (72) Hacking, Andrew
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) MAKO Surgical Corp.
 (11) AU-A-2024201787
 (21) 2024201787 (22) 19.03.2024
 (54) Ultrasound bone registration with learning-based segmentation and sound speed calibration
 (51) Int. Cl.
G06T 7/33 (2017.01)
 (43) 04.04.2024
 (62) 2018316801
 (72) MOCTEZUMA DE LA BARRERA, José Luis; SALEHI, Mehrdad; PREVOST, Raphael; WEIN, Wolfgang
 (74) Davies Collison Cave Pty Ltd

(71) MAKO Surgical Corp.
 (11) AU-A-2024201793
 (21) 2024201793 (22) 19.03.2024
 (54) Robotic systems and methods for manipulating a cutting guide for a surgical instrument
 (51) Int. Cl.
A61B 34/10 (2016.01)
A61B 17/15 (2006.01)
A61B 34/00 (2016.01)
A61B 34/20 (2016.01)
A61B 34/30 (2016.01)
A61B 34/32 (2016.01)
A61B 90/00 (2016.01)
A61B 90/11 (2016.01)
A61B 90/50 (2016.01)
A61B 90/90 (2016.01)
 (43) 04.04.2024
 (62) 2020272975
 (72) KANG, Hyosig; OTTO, Jason Karl; HARROW, Matthew
 (74) Davies Collison Cave Pty Ltd

(71) MannKind Corporation
 (11) AU-A-2024201753
 (21) 2024201753 (22) 18.03.2024
 (54) HEAT-STABLE DRY POWDER PHARMACEUTICAL COMPOSITIONS AND METHODS
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/395 (2006.01)
 (43) 04.04.2024
 (62) 2022200010
 (72) Leone-Bay, Andrea; Grant, Marshall L.; Guarneri, Joseph J.; Fabio, Karine; Curley, Kieran
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) MasterCard International Incorporated
 (11) AU-A-2022231732
 (21) 2022231732 (22) 15.09.2022
 (54) Method and system for processing blockchain-based transactions on existing payment networks
 (51) Int. Cl.
G06Q 20/06 (2012.01)
G06F 21/60 (2013.01)
G06Q 20/36 (2012.01)
G06Q 20/38 (2012.01)

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H04L 9/00 (2022.01)
(43) 04.04.2024
(72) DAVIS, Steven Charles
(74) Spruson & Ferguson

(71) Melissa & Doug, LLC
(11) AU-A-2023226670
(21) 2023226670 **(22)** 06.09.2023
(54) Pressure Actuated Sticker Dispenser
(51) Int. Cl.
B65D 83/08 (2006.01)
A45D 40/02 (2006.01)
B65D 83/04 (2006.01)
(31) 63/406,950 **(32)** 15.09.22 **(33)** US
 63/527,716 19.07.23 US
 18/234,980 17.08.23 US
(43) 04.04.2024
(72) Kruznel, Micah; Butler, Jeff; Rojas-Edge, Brian; Wilson, Graham
(74) Eagar & Associates Pty Ltd

(71) Meridian Medical Technologies, Inc.
(11) AU-A-2024201702
(21) 2024201702 **(22)** 14.03.2024
(54) Auto-injector Apparatus
(51) Int. Cl.
A61M 5/20 (2006.01)
(43) 04.04.2024
(62) 2022209282
(72) WILMOT, John G.; MESA, Clarence M.; HILL, Robert L.; STEWART, James R. Jr.; MATHEWS, Colin J.; HURLSTONE, Chris J.; TURNER, Ben G.; DUNNING, Christian
(74) FB Rice Pty Ltd

(71) MHMW Group Pty Ltd
(11) AU-A-2022231781
(21) 2022231781 **(22)** 16.09.2022
(54) A Device
(51) Int. Cl.
E04F 13/08 (2006.01)
E04F 13/12 (2006.01)
(43) 04.04.2024
(72) Woodman, MacKenzie
(74) mdp Patent and Trade Mark Attorneys

(71) MiTek Holdings, Inc.
(11) AU-A-2023229575
(21) 2023229575 **(22)** 15.09.2023
(54) AUTOMATED WALL FRAME ASSEMBLY SYSTEM
(51) Int. Cl.
E04G 21/16 (2006.01)
E04B 1/26 (2006.01)
E04B 2/70 (2006.01)
(31) 63/376,052 **(32)** 16.09.22 **(33)** US
(43) 04.04.2024
(72) Kanjee, Manish; Wake, Cameron; Patgar, Ganesh; Schroder, David; Whitton, John
(74) RnB IP Pty Ltd

(71) MORGANIC PROJECTS PTY LTD
(11) AU-A-2022231796

(21) 2022231796 **(22)** 18.09.2022
(54) M-Hydro Pump
(51) Int. Cl.
F04F 1/06 (2006.01)
F03B 17/00 (2006.01)
F03B 17/04 (2006.01)
(43) 04.04.2024
(72) Morgans, David
(74) MORGANIC PROJECTS PTY LTD

(71) MORGANIC PROJECTS PTY LTD
(11) AU-A-2022231797
(21) 2022231797 **(22)** 18.09.2022
(54) M-Hydroelectric Generator
(51) Int. Cl.
F03B 17/06 (2006.01)
F03B 7/00 (2006.01)
F03B 13/00 (2006.01)
(43) 04.04.2024
(72) Morgans, David
(74) MORGANIC PROJECTS PTY LTD

(71) MOTOCADDY LIMITED
(11) AU-A-2024201717
(21) 2024201717 **(22)** 15.03.2024
(54) Electric Golf Trolley and Electric Golf Trolley Battery Pack
(51) Int. Cl.
B60L 50/50 (2019.01)
A63B 55/60 (2015.01)
B60L 53/80 (2019.01)
B62B 1/04 (2006.01)
(43) 04.04.2024
(62) 2022231382
(72) STRAKER, Paul; SIMPSON, Cris
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) MP Global Products, L.L.C.
(11) AU-A-2024201654
(21) 2024201654 **(22)** 13.03.2024
(54) Method Of Making An Insulation Material And An Insulated Mailer
(51) Int. Cl.
D21H 17/35 (2006.01)
D21H 17/53 (2006.01)
D21H 21/18 (2006.01)
D21H 21/34 (2006.01)
D21H 25/06 (2006.01)
D21H 27/10 (2006.01)
D21H 27/30 (2006.01)
D21J 1/20 (2006.01)
(43) 04.04.2024
(62) 2021245201
(72) COLLISON, Alan B.; BORGMAN, Reid
(74) WRAYS PTY LTD

(71) Network Integrity Systems, Inc
(11) AU-A-2023214386
(21) 2023214386 **(22)** 11.08.2023
(54) INTRUSION DETECTION ALGORITHM WITH REDUCED TUNING REQUIREMENT
(51) Int. Cl.
G01D 5/353 (2006.01)
G08B 13/186 (2006.01)
(31) 17/946,533 **(32)** 16.09.22 **(33)** US

(43) 04.04.2024
(72) MURPHY, Cary R.; GOERTZEN, Daniel M.; BRIDGES, Mark K.; GIOVANNINI, Joseph
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Nippon Telegraph and Telephone Corporation
(11) AU-A-2024201679
(21) 2024201679 **(22)** 14.03.2024
(54) Wearable sensor device and monitoring system
(51) Int. Cl.
G01K 7/00 (2006.01)
G01N 27/00 (2006.01)
(43) 04.04.2024
(62) 2019473186
(72) KUWABARA, Kei; TOKURA, Akio; ISHIHARA, Takako; WADA, Toshiki; HIGUCHI, Yuichi; HASHIMOTO, Yuki; TOGO, Hiroyoshi
(74) Spruson & Ferguson

(71) Nite Ize, Inc.
(11) AU-A-2024201776
(21) 2024201776 **(22)** 19.03.2024
(54) Systems and methods for a rope, flat-strap, and bungee securing device
(51) Int. Cl.
B60J 7/08 (2006.01)
F16B 45/00 (2006.01)
F16G 11/14 (2006.01)
(43) 04.04.2024
(62) 2020301385
(72) SEADER, Rex
(74) Spruson & Ferguson

(71) Nokia Technologies Oy
(11) AU-A-2024201722
(21) 2024201722 **(22)** 15.03.2024
(54) Mapping of windowed FD basis to a combinatorial indicator for PMI reporting and usage
(51) Int. Cl.
H04B 7/0456 (2017.01)
H04B 7/06 (2006.01)
(43) 04.04.2024
(62) 2020375220
(72) TOSATO, Filippo; MASO, Marco; EN-ESCU, Mihai
(74) Spruson & Ferguson

(71) Nordin Engineered Air Technologies Pty Ltd
(11) AU-A-2023233088
(21) 2023233088 **(22)** 20.09.2023
(54) FLEXIBLE INSULATING DUCTING FOR AIR CONDITIONING
(51) Int. Cl.
F16L 9/12 (2006.01)
B32B 5/02 (2006.01)
B32B 27/36 (2006.01)
F16L 59/147 (2006.01)
F24F 13/02 (2006.01)
(31) 2022902717 **(32)** 20.09.22 **(33)** AU

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(72) Nordin, Harith
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Northrop Grumman Systems Corporation

(11) AU-A-2024201677
(21) 2024201677 (22) 14.03.2024
(54) Systems for capturing a client vehicle and related methods
(51) Int. Cl.
B64G 1/64 (2006.01)
F42B 15/36 (2006.01)
B64D 39/06 (2006.01)
B64G 1/10 (2006.01)

(43) 04.04.2024
(62) 2018252957
(72) SORENSEN, Peter O.; MICHEL, Matthew Alan; LLORENS, William A.; MURPHY, David M.; BRADEN, Jeffrey R.; MCEACHEN, Michael Edward; FOSTER, Michael

(74) GLMR

(71) Northwestern University
(11) AU-A-2024200341
(21) 2024200341 (22) 18.01.2024
(54) Bone-promoting thermoresponsive macromolecules
(51) Int. Cl.
A61K 31/33 (2006.01)
A61L 15/18 (2006.01)
A61L 31/16 (2006.01)

(43) 04.04.2024
(62) 2017370749
(72) Ameer, Guillermo A.; Morochnik, Simona
(74) Davies Collison Cave Pty Ltd

(71) Novartis AG
(11) AU-A-2024201640
(21) 2024201640 (22) 13.03.2024
(54) Crystalline form of LNP023
(51) Int. Cl.
C07D 401/06 (2006.01)
A61K 31/454 (2006.01)
A61P 27/00 (2006.01)

(43) 04.04.2024
(62) 2021276912
(72) JIA, Zichen; LUSTENBERGER, Philipp; MEYER, Marie; MORATTO, Massimo
(74) Davies Collison Cave Pty Ltd

(71) Novozymes, Inc.
(11) AU-A-2024201764
(21) 2024201764 (22) 19.03.2024
(54) Methods for producing polypeptides in protease-deficient mutants of *Trichoderma*
(51) Int. Cl.
C12N 1/14 (2006.01)
C12N 9/58 (2006.01)
C12N 15/57 (2006.01)
C12N 15/80 (2006.01)
C12P 21/02 (2006.01)

(43) 04.04.2024
(62) 2021250953
(72) MAIYURAN, Suchindra; JANG, Abigail; BROWN, Kimberly; MERINO, Sandra; SHASKY, Jeffrey; ABBATE, Eric
(74) Spruson & Ferguson

(71) OrthAlign, Inc.
(11) AU-A-2024201795
(21) 2024201795 (22) 20.03.2024
(54) HIP REPLACEMENT NAVIGATION SYSTEMS AND METHODS
(51) Int. Cl.
A61B 17/68 (2006.01)
A61B 34/20 (2016.01)
A61B 90/00 (2016.01)

(43) 04.04.2024
(62) 2018236220
(72) Nielsen, Jonathan; Matthews, John; Van Der Walt, Nicholas
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Pfizer Inc.
(11) AU-A-2024201623
(21) 2024201623 (22) 13.03.2024
(54) *Neisseria meningitidis* compositions and methods thereof
(51) Int. Cl.
C07K 14/22 (2006.01)
A61K 39/095 (2006.01)
A61K 47/50 (2017.01)

(43) 04.04.2024
(62) 2022203720
(72) JANSEN, Kathrin Ute; ANDERSON, Annaliesa Sybil; ABSALON, Judith; BEESLAAR, Johannes Frederik; FARLEY, John Erwin; FLETCHER, Leah Diane; HARRIS, Shannon Lea; JONES, Thomas Richard; KHANDKE, Lakshmi; LIBERATOR, Paul; PEREZ, John Lance; PHELAN, Lynn Marie; ZLOTNICK, Gary Warren; COOPER, David; ASTE-AMÉZAGA, José Miguel; KANEVSKY, Isis
(74) Spruson & Ferguson

(71) Phan, H.
(11) AU-A-2022235561
(21) 2022235561 (22) 21.09.2022
(54) Prevention and treatment of COVID-19 Virus including any virus and small bacteria mix with the air
(51) Int. Cl.
A61L 9/18 (2006.01)

(43) 04.04.2024
(72) PHAN, Hung
(74) HUNG THANH PHAN

(71) pH Pharma Co., Ltd.
(11) AU-A-2024201765
(21) 2024201765 (22) 19.03.2024
(54) Thailanstatin analogs
(51) Int. Cl.
C07D 493/04 (2006.01)
A61K 31/352 (2006.01)
A61P 35/00 (2006.01)

(43) 04.04.2024
(62) 2018337815
(72) JAMMALAMADAKA, Vasu; TIPTON, Kimberly Ann; SATYAL, Sanjeev; HUH, Hoyoung
(74) Davies Collison Cave Pty Ltd

(71) Presidio Medical, Inc.
(11) AU-A-2024201673
(21) 2024201673 (22) 14.03.2024
(54) SYSTEMS AND METHODS FOR DIRECT CURRENT NERVE CONDUCTION BLOCK
(51) Int. Cl.
A61N 1/18 (2006.01)

(43) 04.04.2024
(62) 2018249498
(72) Ackermann, Douglas Michael; Wu, Kenneth
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Purdue Research Foundation
(11) AU-A-2024201775
(21) 2024201775 (22) 19.03.2024
(54) Multi-coil wireless power transfer assembly for wireless glaucoma therapy
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 3/16 (2006.01)
A61F 2/16 (2006.01)

(43) 04.04.2024
(62) 2018312121
(72) IRAZOQUI, Pedro P.; SIMON, Gabriel; ALBORS, Gabriel; WILLIAMS, Jack; YUAN, Quan; WANG, Zhi; SLAUBAUGH, Curtis
(74) Spruson & Ferguson

(71) Pure Battery Technologies Limited
(11) AU-A-2024201693
(21) 2024201693 (22) 14.03.2024
(54) Precipitation of metals
(51) Int. Cl.
C22B 3/22 (2006.01)
C22B 3/06 (2006.01)
C22B 7/00 (2006.01)
C22B 23/00 (2006.01)
C22B 47/00 (2006.01)

(43) 04.04.2024
(62) 2022229686
(72) HAWKER, William; VAUGHAN, James William; HODGE, Harrison Michael; FU, Weng; MANN, David Andrew
(74) Spruson & Ferguson

(71) RADEXEL INC.
(11) AU-A-2024201778
(21) 2024201778 (22) 19.03.2024
(54) Device for generating magnetic field and method for controlling same
(51) Int. Cl.
A61N 5/10 (2006.01)
A61N 2/00 (2006.01)
A61N 2/02 (2006.01)

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(43) 04.04.2024
 (62) 2021259040
 (72) LEE, Jeong Won
 (74) LAMINAR IP PTY LTD

(71) Rapid Micro Biosystems, Inc.
 (11) AU-A-2024201706
 (21) 2024201706 (22) 14.03.2024
 (54) Microbiological growth media and methods of using the same

(51) Int. Cl.
C12N 1/38 (2006.01)

(43) 04.04.2024
 (62) 2021254655
 (72) SHARA, Kate; SCHWEDOCK, Julie; VOGEL, Sommer
 (74) Spruson & Ferguson

(71) RLF AgTech Ltd
 (11) AU-A-2022231759
 (21) 2022231759 (22) 15.09.2022
 (54) A method for improving plant growth and yield

(51) Int. Cl.
A01N 37/44 (2006.01)
A01N 25/00 (2006.01)
A01P 21/00 (2006.01)
C05B 17/00 (2006.01)
C05D 9/02 (2006.01)
C05F 9/00 (2006.01)
C05F 11/10 (2006.01)
C05G 5/23 (2020.01)

(43) 04.04.2024
 (72) URBANI, Carl; WU, Ying
 (74) WRAYS PTY LTD

(71) Salts Healthcare Limited
 (11) AU-A-2024201671
 (21) 2024201671 (22) 14.03.2024
 (54) An Ostomy Appliance

(51) Int. Cl.
A61F 5/445 (2006.01)

(43) 04.04.2024
 (62) 2018336053
 (72) TRETHERWAY, Lee; POWNER, Iain; HOWARD, Lee; ALFARO, Jesus
 (74) Adams Pluck

(71) SEKISUI HOUSE, LTD.
 (11) AU-A-2022459562
 (21) 2022459562 (22) 02.09.2022
 (54) ANCHOR BOLT INSTALLING JIG AND ANCHOR BOLT INSTALLING METHOD

(51) Int. Cl.
E04G 21/18 (2006.01)

(43) 04.04.2024
 (72) KANEYASU Kentarou; NAKAMURA Gaku; AKITA Sachi; ICHIKAWA Kazuki; OSADA Toshiyuki
 (74) DAVIS IP PTY LTD

(71) Select Research Limited
 (11) AU-A-2024201674
 (21) 2024201674 (22) 14.03.2024

(54) BODY COMPOSITION PREDICTION TOOLS

(51) Int. Cl.
G16H 50/30 (2018.01)

(43) 04.04.2024
 (62) 2018258129
 (72) Barnes, Richard
 (74) Michael Buck IP

(71) Sharp Kabushiki Kaisha
 (11) AU-A-2023201177
 (21) 2023201177 (22) 28.02.2023

(54) User equipment (UE)
 (51) Int. Cl.
H04W 76/14 (2018.01)
H04W 36/34 (2009.01)

(31) 2022-147150 (32) 15.09.22 (33) JP
 (43) 04.04.2024
 (72) CHIBA, Shuichiro; SUGAWARA, Yasuo; KUGE, Yoko; IZUMI, Masaki
 (74) Davies Collison Cave Pty Ltd

(71) Shoulder Innovations, Inc.

(11) AU-A-2024201672
 (21) 2024201672 (22) 14.03.2024

(54) TOTAL SHOULDER PROSTHESIS HAVING INSET GLENOID IMPLANT CONVERTIBLE FROM ANATOMIC TO REVERSE

(51) Int. Cl.
A61F 2/40 (2006.01)
A61B 17/56 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)

(43) 04.04.2024
 (62) 2018251815
 (72) Ball, Robert J.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Silkroad C&T

(11) AU-A-2024201710
 (21) 2024201710 (22) 15.03.2024

(54) Preparation method for admixture for plasterboard, admixture prepared thereby, and composition for forming plasterboard comprising same

(51) Int. Cl.
C04B 24/22 (2006.01)
C04B 24/26 (2006.01)
C04B 24/32 (2006.01)
C04B 28/14 (2006.01)
C04B 111/00 (2006.01)

(43) 04.04.2024
 (62) 2020287565
 (72) JU, Young Gil; KIM, Dae Jin; LEE, Min Jae; KIM, Ju Hwan; PARK, Kwang Young; CHA, Cheol Yong
 (74) LAMINAR IP PTY LTD

(71) Snap-on Incorporated
 (11) AU-A-2024201639
 (21) 2024201639 (22) 13.03.2024
 (54) Offset impact mechanism for a hammer tool

(51) Int. Cl.
B25D 11/06 (2006.01)
B25D 9/04 (2006.01)

B25D 9/06 (2006.01)
B25D 11/10 (2006.01)
B25D 16/00 (2006.01)
B25D 17/00 (2006.01)
B25D 17/02 (2006.01)
B25D 17/08 (2006.01)

(43) 04.04.2024
 (62) 2022202489
 (72) BEER, Joshua M.
 (74) Griffith Hack

(71) Snap-on Incorporated
 (11) AU-A-2024201651
 (21) 2024201651 (22) 13.03.2024
 (54) Tool storage units with integrated power

(51) Int. Cl.
B25H 3/02 (2006.01)
 (43) 04.04.2024
 (62) 2022204852
 (72) DOERFLINGER, David A.; EGGERT, Daniel
 (74) Griffith Hack

(71) Snap-On Incorporated
 (11) AU-A-2023226753
 (21) 2023226753 (22) 08.09.2023

(54) Systems, devices, and methods for user selectable temperature scale bandwidth for thermography

(51) Int. Cl.
G01J 5/03 (2022.01)
G01J 5/48 (2022.01)
G06T 7/90 (2017.01)

(31) 17/946,029 (32) 15.09.22 (33) US
 (43) 04.04.2024
 (72) KUTER-ARNEBECK, Ottolero
 (74) Spruson & Ferguson

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2024201788
 (21) 2024201788 (22) 19.03.2024

(54) Foodstuff products, ingredients, processes and uses

(51) Int. Cl.
A23G 1/32 (2006.01)
A23G 1/48 (2006.01)

(43) 04.04.2024
 (62) 2018382575
 (72) VIEIRA, Josélio Batista; KUSCHEL, Beatrice; FESTRING, Daniel
 (74) Spruson & Ferguson

(71) Spark Thermionics, Inc.
 (11) AU-A-2024201636
 (21) 2024201636 (22) 13.03.2024

(54) System and Method for Thermionic Energy Conversion

(51) Int. Cl.
H01J 45/00 (2006.01)
G21C 3/40 (2006.01)
G21D 7/04 (2006.01)
G21H 1/10 (2006.01)

(43) 04.04.2024
 (62) 2021267176
 (72) HOUTEN, Kyana Van; HESS, Lucas; SCHWEDE, Jared; SCHMITT, Felix
 (74) PIPERS

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(71) Suncor Energy Inc.
 (11) AU-A-2024201774
 (21) 2024201774 (22) 19.03.2024
 (54) PHOTODYNAMIC INHIBITION OF MICROBIAL PATHOGENS IN PLANTS
 (51) Int. Cl.
A01N 43/90 (2006.01)
A01N 31/02 (2006.01)
A01N 37/44 (2006.01)
A01P 3/00 (2006.01)
C07C 229/16 (2006.01)
C07D 487/22 (2006.01)
 (43) 04.04.2024
 (62) 2018317520
 (72) Fefer, Michael; Plaetzer, Kristjan; Liu, Jun; Nash, Brady; Ng, Kenneth Ka-Seng; Terazono, Yuichi; Glueck, Michael Johannes
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) SYMBYX Pty Ltd
 (11) AU-A-2023226789
 (21) 2023226789 (22) 08.09.2023
 (54) Transcranial device
 (51) Int. Cl.
A61N 5/06 (2006.01)
A61N 5/067 (2006.01)
 (31) 2022902675 (32) 15.09.22 (33) AU
 (43) 04.04.2024
 (72) MARKMAN, WAYNE
 (74) Kodomo Enterprises Pty Ltd

(71) The Jackson Laboratory
 (11) AU-A-2024201769
 (21) 2024201769 (22) 19.03.2024
 (54) Non-HLA matched humanized NSG mouse model with patient-derived xenograft
 (51) Int. Cl.
A01K 67/027 (2006.01)
 (43) 04.04.2024
 (62) 2022201100
 (72) KECK, James
 (74) Spruson & Ferguson

(71) The Procter & Gamble Company
 (11) AU-A-2024201749
 (21) 2024201749 (22) 18.03.2024
 (54) ORAL CARE COMPOSITIONS WITH ANTICARIES ACTIVITY
 (51) Int. Cl.
A61Q 11/00 (2006.01)
A61K 8/19 (2006.01)
A61K 8/35 (2006.01)
A61K 8/44 (2006.01)
A61K 8/9789 (2017.01)
A61K 36/185 (2006.01)
 (43) 04.04.2024
 (62) 2020360433
 (72) ST. JOHN, Samuel James; BAIG, Arif Ali; BIESBROCK, Aaron Reed
 (74) AJ PARK

(71) The Procter & Gamble Company
 (11) AU-A-2024201800

(21) 2024201800 (22) 20.03.2024
 (54) DENTIFRICE COMPOSITIONS FOR TREATMENT OF DENTAL BIOFILM
 (51) Int. Cl.
A61K 8/365 (2006.01)
A61K 8/19 (2006.01)
A61K 8/21 (2006.01)
A61K 8/25 (2006.01)
A61K 8/27 (2006.01)
A61K 8/44 (2006.01)
A61P 1/02 (2006.01)
A61Q 11/00 (2006.01)
 (43) 04.04.2024
 (62) 2019468797
 (72) STRAND, Ross; LI, Xiaoxiao; SHI, Yunming
 (74) AJ PARK

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 (21) 2023201532

(71) Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2023203446
 (21) 2023203446 (22) 01.06.2023
 (54) Electrochemical device
 (51) Int. Cl.
H01M 8/2485 (2016.01)
H01M 8/10 (2016.01)
H01M 8/12 (2016.01)
H01M 8/24 (2016.01)
H01M 8/2418 (2016.01)
H01M 8/2432 (2016.01)
H01M 8/2465 (2016.01)
 (31) 2022-147282 (32) 15.09.22 (33) JP
 2023-086031 25.05.23 JP
 (43) 04.04.2024
 (72) INUZUKA, Riko; OSADA, Norikazu; MATSUNAGA, Kentaro; ASAYAMA, Masahiro; KOBAYASHI, Shohei; SUZUKI, Yusuke; KAMEDA, Tsuneji
 (74) Griffith Hack

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023219977

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023226654

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023226663

(71) Transportation IP Holdings, LLC
 (11) AU-A-2023219994
 (21) 2023219994 (22) 28.08.2023
 (54) VEHICLE CONTROL SYSTEM
 (51) Int. Cl.
B60L 5/16 (2006.01)
B60L 5/10 (2006.01)
B60L 5/24 (2006.01)
B60L 5/28 (2006.01)

(31) 63/408,684 (32) 21.09.22 (33) US
 18/450,324 15.08.23 US
 (43) 04.04.2024
 (72) Sobierajski, Jennifer; Kumar, Ajith Kuttannair; Memic, Haris; Young, Henry Todd; Kacar, Ibrahim; Ghofulpo, James; Wolff, Jeffrey John; Brown, Timothy Warren; Wallace, Daniel Robert
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Triastek, Inc.
 (11) AU-A-2024201739
 (21) 2024201739 (22) 18.03.2024
 (54) DOSAGE FORMS OF CONTROLLED RELEASE AT SPECIFIC GASTROINTESTINAL SITES
 (51) Int. Cl.
A61K 9/24 (2006.01)
A61K 9/20 (2006.01)
A61K 9/22 (2006.01)
 (43) 04.04.2024
 (62) 2018212273
 (72) Cheng, Senping; Li, Xiaoling; Deng, Feihuang; Yao, Juan
 (74) AJ PARK

(71) Vale S.A.
 (11) AU-A-2023233063
 (21) 2023233063 (22) 19.09.2023
 (54) Apparatus for stabilization of an instrumentation platform
 (51) Int. Cl.
F16F 15/023 (2006.01)
G01V 3/16 (2006.01)
 (31) 3175615 (32) 20.09.22 (33) CA
 (43) 04.04.2024
 (72) POLZER, Benjamin David; BAILEY, Richard Curtis
 (74) Spruson & Ferguson

(71) VIIV Healthcare UK (No.5) Limited
 (11) AU-A-2024201719
 (21) 2024201719 (22) 15.03.2024
 (54) Inhibitors of human immunodeficiency virus replication
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 31/18 (2006.01)
 (43) 04.04.2024
 (62) 2021231447
 (72) GILLIS, Eric P; IWUAGWU, Christiana
 (74) Davies Collision Cave Pty Ltd

(71) Vitro Flat Glass LLC
 (11) AU-A-2024201648
 (21) 2024201648 (22) 13.03.2024
 (54) Solar control coatings with quadruple metallic layers
 (51) Int. Cl.
C03C 17/36 (2006.01)
 (43) 04.04.2024
 (62) 2019215224
 (72) FISHER, Patrick; MEDWICK, Paul A.; WAGNER, Andrew; POLCYN, Adam D.
 (74) Spruson & Ferguson

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(71) VOLVO AUTONOMOUS SOLUTIONS
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- (11) AU-A-2023219834
(21) 2023219834 (22) 22.08.2023
(54) A COMPUTER-IMPLEMENTED METHOD FOR INITIALIZING A LOCALIZATION SYSTEM FOR A VEHICLE
(51) Int. Cl.
G01C 21/26 (2006.01)
(31) 22196162.6 (32) 16.09.22 (33) EP
(43) 04.04.2024
(72) CHANDRU, Rajashekar; BERGLIND, Niclas
(74) Griffith Hack

(71) VOLVO AUTONOMOUS SOLUTIONS
AB

- (11) AU-A-2023222955
(21) 2023222955 (22) 31.08.2023
(54) Deadlock prediction for traffic planning
(51) Int. Cl.
B60W 60/00 (2020.01)
B60W 30/095 (2012.01)
B60W 40/04 (2006.01)
G08G 1/123 (2006.01)
(31) 22196693.0 (32) 20.09.22 (33) EP
(43) 04.04.2024
(72) HELLGREN, Jonas; ROGENFELT, Åsa
(74) Griffith Hack

(71) Watgrid, S.A.
(11) AU-A-2024201647

- (21) 2024201647 (22) 13.03.2024
(54) FERMENTATION MONITORING SYSTEM
(51) Int. Cl.
C12G 1/02 (2006.01)
C12G 3/02 (2019.01)
C12L 11/00 (2006.01)
G01N 33/14 (2006.01)
(43) 04.04.2024
(62) 2022271373
(72) ESTIMA DA COSTA, Pedro Miguel; GONCALVES, Fabio Patricio Domingues; VENTURA DE SOUSA E CARVALHO PEREIRA, Ricardo Jose; BOTAS BILRO, Lucia Maria; NUNES NOGUEIRA, Rogerio
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) zanganeh, j.

- (11) AU-A-2022235525
(21) 2022235525 (22) 19.09.2022
(54) Smart multi-meter
(51) Int. Cl.
G01D 4/00 (2006.01)
G01R 11/00 (2006.01)
G01R 21/133 (2006.01)
G01R 22/06 (2006.01)
G05B 15/02 (2006.01)
G05F 1/00 (2006.01)
G06Q 50/06 (2012.01)
G08B 21/18 (2006.01)
H04Q 9/02 (2006.01)
(43) 04.04.2024
(72) Zanganeh, Javad
(74) javad zanganeh

(71) ZETR Pty Ltd

- (11) AU-A-2024201760
(21) 2024201760 (22) 18.03.2024
(54) Modular power and/or data system
(51) Int. Cl.
H02G 3/08 (2006.01)
H02B 1/06 (2006.01)
H05K 5/00 (2006.01)
H05K 5/04 (2006.01)
H05K 7/02 (2006.01)
H05K 7/06 (2006.01)
H05K 7/14 (2006.01)
H05K 1/02 (2006.01)
(43) 04.04.2024
(62) 2022203459
(72) ELLIOTT, Garth; ROMANO, Joseph
(74) FB Rice Pty Ltd

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.

- (11) AU-A-2024201761
(21) 2024201761 (22) 18.03.2024
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/042 (2014.01)
H01L 31/0224 (2006.01)
H01L 31/06 (2012.01)
(43) 04.04.2024
(62) 2022241631
(72) Zhang, Bike; Liao, Guangming; Zhang, Lin'an; Jin, Jingsheng; Zhang, Xinyu
(74) Madderns Pty Ltd

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.

- (11) AU-A-2024201762
(21) 2024201762 (22) 18.03.2024
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/02 (2006.01)
H01L 31/06 (2012.01)
(43) 04.04.2024
(62) 2022263498
(72) Mao, Jie; Wang, Zhao; Zheng, Peiting; Yang, Jie; Zhang, Xinyu
(74) Madderns Pty Ltd

(71) ZTE Corporation

- (11) AU-A-2024201771
(21) 2024201771 (22) 19.03.2024
(54) LINK RECOVERY IN WIRELESS COMMUNICATIONS
(51) Int. Cl.
H04W 72/04 (2023.01)
H04W 72/08 (2009.01)
(43) 04.04.2024
(62) 2022241626
(72) GAO, Bo; CHEN, Yijian; ZHANG, Shujuan; LU, Zhaohua
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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2022231796	MORGANIC PROJECTS PTY LTD	2024201573	Gilead Sciences, Inc.
2022231797	MORGANIC PROJECTS PTY LTD	2024201593	BiomEdit, LLC
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2022235552	Griffith University	2024201636	Spark Thermionics, Inc.
2022235561	Phan, H.	2024201639	Snap-on Incorporated
2022279384	Kim, T.	2024201640	Novartis AG
2022459562	SEKISUI HOUSE, LTD.	2024201641	AstraZeneca AB
2023200744	Kabushiki Kaisha Toshiba	2024201647	Watgrid, S.A.
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2023202954	Hu, J.	2024201659	Apple Inc.
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2023204309	Adobe Inc.	2024201667	Alpine Immune Sciences, Inc.
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2023206192	Adobe Inc.	2024201669	Duration Media LLC
2023210658	Deere & Company	2024201670	GE Video Compression, LLC
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2023214379	Lockheed Martin Corporation	2024201672	Shoulder Innovations, Inc.
2023214386	Network Integrity Systems, Inc	2024201673	Presidio Medical, Inc.
2023216837	Deere & Company	2024201674	Select Research Limited
2023216882	Choon's Design LLC	2024201677	Northrop Grumman Systems Corporation
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2023233060	HUANG, P.	2024201719	VIIV Healthcare UK (No.5) Limited
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2024201206	Aristocrat Technologies Australia Pty Limited	2024201743	AstraZeneca AB
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		2024201749	The Procter & Gamble Company
		2024201750	Austin Star Detonator Company
		2024201751	Bayer Healthcare LLC

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2024201753 MannKind Corporation
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2024201761 Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2024201762 Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2024201764 Novozymes, Inc.
2024201765 pH Pharma Co., Ltd.
2024201766 Coronado Aesthetics, LLC
2024201767 Hunter Douglas, Inc.
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2024201775 Purdue Research Foundation
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2024201792 Cellphire, Inc.
2024201793 MAKO Surgical Corp.
2024201795 OrthAlign, Inc.
2024201799 Abiomed Europe GmbH
2024201800 The Procter & Gamble Company
2024201802 Lifetime Products, Inc.
2024201803 Geomni, Inc.
2024201806 E Ink Corporation
2024201809 E Ink Corporation
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(51) Int. Cl.
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 43/653 (2006.01)
A01P 3/00 (2006.01)
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(21) 2022355198 (22) 30.09.2022
(54) ANGIOTENSINOGEN-MODULATING COMPOSITIONS AND METHODS OF USE THEREOF
(51) Int. Cl.
A61P 9/12 (2006.01)
C07H 21/02 (2006.01)
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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C09K 3/30 (2006.01)
B05D 1/02 (2006.01)
C08G 18/10 (2006.01)
C09D 5/02 (2006.01)
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(21) 2022353498 (22) 27.09.2022
(54) IMITATION CHEESE, METHOD FOR PRODUCING IMITATION CHEESE, AND FOOD PRODUCT
(51) Int. Cl.
A23C 20/02 (2021.01)
A23D 7/00 (2006.01)
(87) WO2023/054352
(31) 2021-162018 (32) 30.09.21 (33) JP
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(11) AU-A-2022357765
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(51) Int. Cl.
A23C 20/02 (2021.01)
A23J 3/00 (2006.01)
A23L 11/00 (2021.01)

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C07D 401/04 (2006.01)
A61K 31/506 (2006.01)
A61P 9/00 (2006.01)
A61P 27/06 (2006.01)
A61P 29/00 (2006.01)
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C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
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B64D 17/14 (2006.01)
B64D 17/18 (2006.01)

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B65D 85/804 (2006.01)
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(72) VILARDELL PARÉS, Albert
(74) Michael Buck IP

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H01M 10/054 (2010.01)
H01M 4/46 (2006.01)
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(54) COMPOUND, ANGIOTENSIN II TYPE 1 RECEPTOR ANTAGONIST, AND PHARMACEUTICAL COMPOSITION
(51) Int. Cl.

C07D 413/14 (2006.01)
A61K 31/422 (2006.01)
A61K 31/497 (2006.01)
A61P 1/04 (2006.01)
A61P 1/16 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
A61P 13/12 (2006.01)
A61P 17/00 (2006.01)
A61P 19/02 (2006.01)
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A61P 43/00 (2006.01)
C07D 405/06 (2006.01)
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C07F 5/02 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61B 34/10 (2016.01)
A61F 9/007 (2006.01)
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A61F 9/008 (2006.01)
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A61B 3/00 (2006.01)
A61B 3/13 (2006.01)
A61B 90/00 (2016.01)
A61B 90/20 (2016.01)

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(54) IMAGING APPARATUS WITH MULTIPLE STEREOSCOPIC CAMERAS
(51) Int. Cl.
F28D 9/00 (2006.01)
F28F 3/04 (2006.01)
F28F 3/06 (2006.01)
F28F 9/00 (2006.01)
F28F 9/02 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(54) METHODS AND APPARATUS FOR WIDE ANGLE CHANDELIER ILLUMINATOR
(51) Int. Cl.
A61F 9/007 (2006.01)
A61B 90/30 (2016.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2022347172 **(22)** 15.09.2022
(54) ANTI-SIGLEC-6 ANTIBODIES AND METHODS OF USE THEREOF
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A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 1/00 (2006.01)
A61P 17/00 (2006.01)

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MACEUTICAL CO., LTD.; ALLIAN-
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(21) 2022345008 (22) 14.09.2022
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AND THEIR USE IN THE TREATMENT
OF DISEASES AND DISORDERS
(51) Int. Cl.
C07D 237/14 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/04 (2006.01)
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Jiamin
(74) WRAYS PTY LTD
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(21) 2022348935 (22) 23.09.2022
(54) MICROTUBULE ASSOCIATED PRO-
TEIN TAU (MAPT) IRNA AGENT COM-
POSITIONS AND METHODS OF USE
THEREOF
(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7115 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
A61K 31/713 (2006.01)
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(21) 2022370215 (22) 10.10.2022
(54) LOAD BALANCING ARM FOR MEDIC-
AL DEVICE SUPPORT SYSTEM
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A61B 90/50 (2016.01)
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(54) COMPOSITIONS AND METHODS
FOR ENHANCING GENE SILENCING
ACTIVITY OF OLIGONUCLEOTIDE
COMPOUNDS
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C12N 15/113 (2010.01)
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WANG, Songli
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FEATURE FOR DRUG DELIVERY
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A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)
A61M 5/24 (2006.01)
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Thomas, Peter
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(54) PLUNGER ROD REMOVAL FORCE
METHOD AND FIXTURE
(51) Int. Cl.
A61M 5/31 (2006.01)
A61M 5/315 (2006.01)
G01L 1/00 (2006.01)
G01M 99/00 (2011.01)
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A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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(54) PROCESS AND PLANT FOR THE
CONTINUOUS PROCESSING OF
FLAKES FORMED BY AT LEAST TWO
DIFFERENT PLASTIC MATERIALS
ATTACHED TO EACH OTHER
(51) Int. Cl.
B29B 17/02 (2006.01)
B29K 67/00 (2006.01)
B29L 9/00 (2006.01)
(87) WO2023/047269
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G01N 1/30 (2006.01)
C12N 5/09 (2010.01)
(87) WO2023/031467
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KYOSAN ELECTRIC MANUFACTURING CO., LTD.
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H03K 5/1252 (2006.01)
H03K 3/037 (2006.01)
H03K 5/00 (2006.01)
H03K 19/21 (2006.01)
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

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KYOSAN ELECTRIC MANUFACTURING CO., LTD.
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H01L 27/07 (2006.01)
H01L 29/78 (2006.01)
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(51) Int. Cl.
H03F 3/217 (2006.01)
H03F 1/56 (2006.01)
H03F 3/193 (2006.01)
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(54) AUTOMATED PUNNETS HANDLING ASSEMBLY
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B65G 47/90 (2006.01)
B25J 9/00 (2006.01)
B25J 11/00 (2006.01)
B25J 15/00 (2006.01)
B65B 25/04 (2006.01)
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(72) ANGILLEY, Matthew Ian
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(51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/0482 (2013.01)
G06F 3/0483 (2013.01)
G06F 3/0484 (2022.01)
G06F 3/04842 (2022.01)
G06T 19/00 (2011.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) FASTENING DEVICE AND SYSTEM FOR FIXATING AT LEAST ONE PIPE
(51) Int. Cl.
F16L 3/10 (2006.01)
F16L 3/24 (2006.01)
F16L 3/22 (2006.01)
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(31) 22165381.9 (32) 30.03.22 (33) EP
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A61B 17/17 (2006.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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(54) ROTARY REGENERATIVE MACHINE STRUCTURE
(51) Int. Cl.
F28D 19/04 (2006.01)
F28F 9/00 (2006.01)
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(72) STARKS, William, J.; ANTES, Mark, S.; FULLER, Nicholas, A.
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(54) REMOTE CONTROL GENERATOR
(51) Int. Cl.
G08C 17/02 (2006.01)
F02B 63/04 (2006.01)
F02B 75/24 (2006.01)
G06F 8/65 (2018.01)
G06Q 30/06 (2023.01)
G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
H02J 3/38 (2006.01)
H02P 9/00 (2006.01)
H04Q 9/00 (2006.01)
H04W 4/38 (2018.01)
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(72) FOUNTAIN, Graham Harry; KAVARNOS, Emmanuel; PSONIS, Dimitrios; TAMBA, Richard Terrence
(74) Davies Collison Cave Pty Ltd

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(54) COMPOSITIONS AND METHODS OF TREATING FACIOSCAPULOHUMERAL MUSCULAR DYSTROPHY
(51) Int. Cl.
A61K 47/68 (2017.01)
A61P 21/00 (2006.01)
C07K 16/18 (2006.01)

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(54) CRANIAL NERVE STIMULATOR WITH THERAPEUTIC FEEDBACK
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A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
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- (71)** AXEL SEMRAU GMBH
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(21) 2022356333 **(22)** 03.10.2022
(54) METHOD FOR THE (PARTIALLY) AUTOMATED ANALYSIS OF MINERAL OIL CONTAMINATION IN FOODSTUFFS DURING SAMPLE PREPARATION
(51) Int. Cl.
G01N 33/03 (2006.01)
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(43) 06.04.2023
(72) NESTOLA, Marco
(74) FPA Patent Attorneys Pty Ltd
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- (71)** BAOSHAN IRON & STEEL CO., LTD.
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(54) BAINITE STEEL AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C22C 38/02 (2006.01)
C21D 8/00 (2006.01)
C22C 33/04 (2006.01)
C22C 38/04 (2006.01)
C22C 38/06 (2006.01)
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G06Q 50/16 (2012.01)
G06Q 30/02 (2023.01)
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(72) BATRA, Amit
(74) Origin Patent and Trade Mark Attorneys
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(54) METHOD AND SYSTEM FOR ENABLING REAL-TIME ADAPTIVE RADIO FREQUENCY TRANSMITTER OPTIMIZATION
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G01S 7/40 (2006.01)
G01S 13/00 (2006.01)
G06N 3/045 (2023.01)
G06N 3/0475 (2023.01)
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(54) MEDICAL INJECTION DEVICE AND METHOD FOR ASSEMBLING THIS INJECTION DEVICE
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A61M 5/31 (2006.01)
A61B 90/98 (2016.01)
G06K 19/077 (2006.01)
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(74) FB Rice Pty Ltd
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(21) 2022341004 **(22)** 02.09.2022
(54) FORMULATION AND COMPOSITION WHICH PROMOTE TARGETED POLLINATION BY BEES TOWARDS BLUEBERRY CROPS AND RELATED METHODS
(51) Int. Cl.
A01N 27/00 (2006.01)
A01N 31/04 (2006.01)
A01N 37/02 (2006.01)
A01P 19/00 (2006.01)
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H02J 3/38 (2006.01)
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(74) Madderns Pty Ltd
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(54) ANTI-HYPOXIC/ANOXIC INJURY USE OF MAGNOLOL AND/OR HONOKIOL AROMATIC RING AMINO-SUBSTITUTED DERIVATIVE, AND PHARMACEUTICAL COMPOSITION
(51) Int. Cl.
A61K 31/136 (2006.01)
A61K 31/167 (2006.01)
A61K 31/223 (2006.01)
A61K 31/27 (2006.01)
A61P 43/00 (2006.01)
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(54) CLEANING ROBOT, CONTROL METHOD AND APPARATUS THEREFOR, AND ELECTRONIC DEVICE AND STORAGE MEDIUM
(51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/282 (2006.01)
A47L 11/284 (2006.01)
A47L 11/40 (2006.01)
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 (51) Int. Cl.
G01C 21/00 (2006.01)
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 (72) SONG, Jian; ZHU, Hai; WANG, Lei
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 (51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/284 (2006.01)
A47L 11/40 (2006.01)
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 (54) BASE STATION AND CLEANING ROBOT SYSTEM
 (51) Int. Cl.
A47L 11/40 (2006.01)
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 (74) Halfords IP
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A47L 11/40 (2006.01)
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 (54) VIDEO PUBLISHING METHOD AND APPARATUS, ELECTRONIC DEVICE, AND STORAGE MEDIUM
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H04N 21/475 (2011.01)
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A01H 1/00 (2006.01)
A01H 5/06 (2018.01)
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A61P 37/04 (2006.01)
A61K 9/127 (2006.01)
B82Y 5/00 (2011.01)
C07K 14/775 (2006.01)
C12N 15/62 (2006.01)
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C07K 14/755 (2006.01)
A61K 48/00 (2006.01)
A61P 7/04 (2006.01)
C12N 15/85 (2006.01)
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C12N 15/86 (2006.01)
C07K 14/005 (2006.01)
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C07K 14/755 (2006.01)
C12N 15/86 (2006.01)
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B65D 43/02 (2006.01)
B65D 43/16 (2006.01)
B65D 43/18 (2006.01)
 A47G 19/12 (2006.01)
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 (54) UNDERDRAIN FOR MEDIA VESSEL AND METHOD OF CLEANING
 (51) Int. Cl.
C02F 1/00 (2023.01)
 B01D 24/14 (2006.01)
 B01J 8/02 (2006.01)
 B08B 9/02 (2006.01)
 B08B 9/08 (2006.01)
 C02F 1/28 (2023.01)
 (87) WO2023/059659
 (31) 63/253,863 (32) 08.10.21 (33) US
 (43) 13.04.2023
 (72) DOUPE, Michael
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 (11) AU-A-2022359596
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 (51) Int. Cl.
C02F 1/00 (2023.01)
B08B 9/093 (2006.01)
B01D 24/14 (2006.01)
B01J 8/02 (2006.01)
B08B 9/02 (2006.01)
B08B 9/08 (2006.01)
C02F 1/28 (2023.01)
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 (54) CLEANING MECHANISM AND UNDERDRAIN FOR MEDIA VESSEL AND METHOD OF CLEANING
 (51) Int. Cl.
C02F 1/00 (2023.01)
B08B 9/093 (2006.01)
B01D 24/14 (2006.01)
B01J 8/02 (2006.01)
B08B 9/02 (2006.01)
B08B 9/08 (2006.01)
C02F 1/28 (2023.01)
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 (74) Davies Collison Cave Pty Ltd
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 (54) CARTON WITH INTEGRAL COVER SYSTEM
 (51) Int. Cl.
B65D 5/54 (2006.01)
B65D 17/28 (2006.01)
B65D 5/00 (2006.01)
B65D 5/42 (2006.01)
B65D 5/66 (2006.01)
B65D 21/08 (2006.01)
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 (72) KANDOTH, Nicole; KEMPFERT, Nicholas; MCCAY, James, E.
 (74) FB Rice Pty Ltd
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 (21) 2022350496 (22) 21.09.2022
 (54) QUANTITATIVE MAGNETIC RESONANCE IMAGING AND TUMOR FORECASTING
 (51) Int. Cl.
A61B 5/055 (2006.01)
G06T 7/33 (2017.01)
- G06T 7/35** (2017.01)
G16H 30/20 (2018.01)
G16H 50/30 (2018.01)
G06F 17/18 (2006.01)
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 (21) 2022334659 (22) 15.03.2022
 (54) PACKAGING MATERIAL PROCESSING MACHINE AND METHOD FOR OPERATING A PACKAGING MATERIAL PROCESSING MACHINE
 (51) Int. Cl.
B30B 15/14 (2006.01)
B26D 5/08 (2006.01)
B26F 1/40 (2006.01)
B41F 13/004 (2006.01)
B41F 13/008 (2006.01)
 (87) WO2023/025420
 (31) 21193043.3 (32) 25.08.21 (33) EP
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 (72) PYTHON, Gilbert; MALHERBE, Pierre
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 (21) 2022375618 (22) 24.10.2022
 (54) IODINE LABELED HYDROGELS AND PRECURSORS THEREOF WITH IMPROVED RADIOCAPACITY
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61L 27/18 (2006.01)
A61L 27/50 (2006.01)
A61L 27/52 (2006.01)
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 (11) AU-A-2022389175
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 (54) VARIABLE STIFFNESS CANNULA
 (51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/237 (2021.01)
A61M 60/857 (2021.01)
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 (54) ACTIVE EXPANDABLE SHEATH
 (51) Int. Cl.
A61M 25/00 (2006.01)
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 (54) DEVICE HOUSING FEATURES TO FACILITATE DAMAGE FREE GUIDEWIRE TRANSLATIONS
 (51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/221 (2021.01)
A61M 60/419 (2021.01)
A61M 60/81 (2021.01)
A61M 60/825 (2021.01)
A61M 60/865 (2021.01)
 (87) WO2023/091549
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 (11) AU-A-2022345092
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 (54) CYCLIC SULFONAMIDE RIBONUCLEOTIDE REDUCTASE (RNR) INHIBITORS AND USES THEREOF
 (51) Int. Cl.
A61K 31/425 (2006.01)
A61K 31/5415 (2006.01)
A61K 31/554 (2006.01)
A61P 35/00 (2006.01)
C07D 417/06 (2006.01)
C07D 513/04 (2006.01)
 (87) WO2023/043923
 (31) 63/245,718 (32) 17.09.21 (33) US
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- (71) BOVEDA INC.
 (11) AU-A-2022346881
 (21) 2022346881 (22) 19.09.2022
 (54) ENHANCED MOISTURE CONTROL DEVICES FOR THE PRESERVATION OF PRODUCTS IN CLOSED ENVIRONMENTS
 (51) Int. Cl.
B01D 53/26 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2022350509
 (21) 2022350509 (22) 22.09.2022
 (54) METHODS OF TREATING HAIR-LOSS DISORDERS WITH TYK2 INHIBITORS
 (51) Int. Cl.
 A61K 31/501 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/506 (2006.01)
 A61P 17/14 (2006.01)
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 (31) 63/247,672 (32) 23.09.21 (33) US
 (43) 30.03.2023
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 (74) AJ PARK

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 (11) AU-A-2022371958
 (21) 2022371958 (22) 26.09.2022
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 (51) Int. Cl.
 A47J 31/46 (2006.01)
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 F01K 11/00 (2006.01)
 F01K 25/10 (2006.01)
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 B60K 11/04 (2006.01)
 B60H 1/00 (2006.01)
 B60H 1/06 (2006.01)
 B60H 1/32 (2006.01)
 H01M 10/613 (2014.01)
 H01M 10/615 (2014.01)
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 B60T 13/74 (2006.01)
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 H01M 50/213 (2021.01)
 H01M 10/613 (2014.01)
 H01M 10/625 (2014.01)
 H01M 10/6554 (2014.01)
 H01M 10/6556 (2014.01)
 H01M 50/249 (2021.01)
 H01M 50/317 (2021.01)

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 E05B 85/10 (2014.01)
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 (54) CONTROL METHOD AND CONTROL APPARATUS FOR OPENING OF VEHICLE DOOR, AND VEHICLE CONTROLLER
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 E05F 15/75 (2015.01)
 B60J 5/04 (2006.01)
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 H04W 4/02 (2018.01)
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 G06F 9/451 (2018.01)
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B60L 53/24 (2019.01)
B60L 53/22 (2019.01)
H02J 7/00 (2006.01)
H02J 7/02 (2016.01)
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 (54) POWER DISTRIBUTION APPARATUS, BATTERY PACK AND VEHICLE
 (51) Int. Cl.
H02B 1/24 (2006.01)
H01M 50/519 (2021.01)
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 (54) POWER DISTRIBUTION DEVICE, BATTERY PACK AND VEHICLE
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H02J 7/00 (2006.01)
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B62D 25/08 (2006.01)
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 (51) Int. Cl.
B60G 17/08 (2006.01)
F15B 1/02 (2006.01)
F16F 9/10 (2006.01)
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 (72) LIAN, Yubo; LIAO, Yinsheng; XU, Haolun; ZHANG, Hongzhou; HUANG, Taishuo
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 (54) HYDRAULIC SUSPENSION SYSTEM AND VEHICLE HAVING SAME
 (51) Int. Cl.
B60T 8/17 (2006.01)
B60G 21/06 (2006.01)
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B60R 1/00 (2022.01)
G02B 27/01 (2006.01)
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 (51) Int. Cl.
B60L 58/10 (2019.01)
B60L 53/62 (2019.01)
B60L 58/25 (2019.01)
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 (51) Int. Cl.
H01M 10/48 (2006.01)
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 (54) VEHICLE DOOR CONTROL METHOD AND DEVICE, AND VEHICLE AND COMPUTER STORAGE MEDIUM
 (51) Int. Cl.
E05B 81/76 (2014.01)
E05B 85/10 (2014.01)
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 (51) Int. Cl.
F16F 9/18 (2006.01)
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B62D 25/08 (2006.01)
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G09B 9/30 (2006.01)
G09B 9/20 (2006.01)
G09B 9/32 (2006.01)
H04L 12/40 (2006.01)
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F28D 7/02 (2006.01)
F28D 7/10 (2006.01)
F28D 20/00 (2006.01)
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C22B 1/10 (2006.01)
C22B 26/12 (2006.01)
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F27D 13/00 (2006.01)
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G01N 17/04 (2006.01)
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E05D 15/06 (2006.01)
E05F 15/635 (2015.01)
E06B 3/46 (2006.01)
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C07K 1/04 (2006.01)
B01J 19/00 (2006.01)
C07K 1/06 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 37/02 (2006.01)
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 (54) STRUCTURAL INSPECTION USING MULTI-TONE STEADY STATE EXCITATION
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G01N 29/07 (2006.01)
G01N 29/11 (2006.01)
G01N 29/24 (2006.01)
G01N 29/46 (2006.01)
G01V 1/28 (2006.01)
G01V 1/30 (2006.01)
G06Q 50/00 (2012.01)
 (87) WO2023/059328
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 (51) Int. Cl.
G01V 1/30 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) APPARATUS FOR RAPID DETERMINATION OF HYDROGEN SULFIDE CONTENT IN COAL SEAM AND DETERMINATION METHOD
 (51) Int. Cl.
G01N 21/3504 (2014.01)
G01N 7/14 (2006.01)
G01N 21/35 (2014.01)
G01N 30/02 (2006.01)
 (87) WO2024/007946
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 (72) CUI, Xinfeng; SUN, Yong; ZHANG, Depeng; MENG, Xiangning; WANG, Ruide; ZHENG, Zhongyu
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 (54) METAL POLLUTION-RESISTANT CATALYST AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
B01J 29/08 (2006.01)
B01J 29/80 (2006.01)
C10G 11/05 (2006.01)
C10G 47/16 (2006.01)
 (87) WO2023/051588
 (31) 202111158872.7 (32) 30.09.21 (33) CN
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 (74) Churchill Attorneys
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 (54) BIO-OIL EXTRACTION METHOD WITH IMPROVED OIL RECOVERY RATE BY USING COOLING PROCESS
 (51) Int. Cl.
C11B 1/02 (2006.01)
C11B 1/10 (2006.01)
C11B 3/00 (2006.01)
C12P 7/6463 (2022.01)
 (87) WO2023/146127
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 (43) 03.08.2023
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 (74) Michael Buck IP
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 (54) HEAT-GENERATING DEVICE AND BOILER
 (51) Int. Cl.
F22B 1/02 (2006.01)
F24V 30/00 (2018.01)
 (87) WO2023/026889
 (31) 2021-139433 (32) 27.08.21 (33) JP
 (43) 02.03.2023
 (72) ENDO Yoshito; IWAMURA Yasuhiro; ITO Takehiko; YOSHINO Hideki
 (74) Spruson & Ferguson
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 (51) Int. Cl.
C01B 3/00 (2006.01)
C01B 3/56 (2006.01)
C22C 19/00 (2006.01)
F24V 30/00 (2018.01)
 (87) WO2023/032649
 (31) 2021-141968 (32) 31.08.21 (33) JP
 (43) 09.03.2023
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 (74) Spruson & Ferguson
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 (21) 2022337366 (22) 15.08.2022
 (54) HYDROGEN HEATING APPARATUS FOR BLAST FURNACES, HYDROGEN HEATING METHOD FOR BLAST FURNACES, AND BLAST FURNACE OPERATION METHOD
 (51) Int. Cl.
C21B 7/00 (2006.01)
C01B 3/00 (2006.01)
C21B 5/00 (2006.01)
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F24V 30/00 (2018.01)
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A63G 27/00 (2006.01)
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A63G 27/00 (2006.01)
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A63G 27/00 (2006.01)
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C12N 9/10 (2006.01)
C12P 19/34 (2006.01)
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 A61B 5/05 (2021.01)
 A61B 5/00 (2006.01)
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 A61B 5/055 (2006.01)
 A61B 5/16 (2006.01)
 A61B 5/369 (2021.01)
 A61B 5/378 (2021.01)
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 G06F 3/01 (2006.01)
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 A61P 19/02 (2006.01)
 A61K 31/78 (2006.01)
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 (74) Patentec Patent Attorneys
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PARING BEVERAGES BASED ON
COFFEE BEANS
(51) Int. Cl.
A47J 31/42 (2006.01)
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(54) BREWING UNIT, BEVERAGE PRE-
PARATION MACHINE, AND BEVER-
AGE PREPARATION SYSTEM
(51) Int. Cl.
A47J 31/36 (2006.01)
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Patrick; AFFOLTER, Roland; ZWEIFEL,
Micha; THILLA, Tim; RIESSBECK,
Wolfgang; KELLER, Marco; EGGER,
Patrick
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(54) BREWING CHAMBER HALF, BREW-
ING UNIT, BEVERAGE PREPARATION
MACHINE, METHOD FOR EJECTING
A CAPSULE, AND BEVERAGE PRE-
PARATION SYSTEM
(51) Int. Cl.
A47J 31/36 (2006.01)
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(54) BREWING UNIT, BEVERAGE PRE-
PARATION MACHINE, METHOD
FOR INSERTING A CAPSULE, AND
BEVERAGE PREPARATION SYSTEM
(51) Int. Cl.
A47J 31/36 (2006.01)
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TECHNICAL SUPPORT OF CONTINU-
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SENSOR SYSTEMS
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A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
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(54) AUGMENTED ANALYTE MONITOR-
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A61B 5/0205 (2006.01)
A61B 5/00 (2006.01)
A61B 5/11 (2006.01)
A61B 5/145 (2006.01)
A61B 5/24 (2021.01)
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(54) PERCEPTION-BASED ROBOTIC MA-
NIPULATION SYSTEM AND METH-
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LOADER THAT UNLOADS/UNPACKS
PRODUCT FROM TRAILERS AND
CONTAINERS
(51) Int. Cl.
B25J 9/16 (2006.01)
B25J 5/00 (2006.01)
B25J 13/08 (2006.01)
B65G 67/24 (2006.01)
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AND METHODS THEREOF
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A61B 34/20 (2016.01)
A61B 17/00 (2006.01)
A61B 34/10 (2016.01)
A61B 90/00 (2016.01)
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ROTOR COMPRISING SPACING PIL-
LARS BETWEEN INNER AND OUTER
DISCS
(51) Int. Cl.
F16D 65/12 (2006.01)
F16D 65/02 (2006.01)
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LTD.
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C07D 401/04 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/4439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/497 (2006.01)
A61P 3/10 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
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E04B 1/19 (2006.01)
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E04C 3/04 (2006.01)
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 (54) PROTEINS BINDING NKG2D, CD16 AND BAFF-R
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C07K 16/46 (2006.01)
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C12N 15/13 (2006.01)
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 (54) SUNSCREEN COMPOSITION WITH CRYSTALLINE ORGANIC SUNSCREEN FILTERS
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A61K 8/35 (2006.01)
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A61Q 17/04 (2006.01)
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 (74) Halfords IP
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 (54) PERSONAL CARE COMPOSITIONS HAVING ENHANCED ANTIOXIDANT PERFORMANCE
 (51) Int. Cl.
A61K 8/06 (2006.01)
A61K 8/31 (2006.01)
A61K 8/34 (2006.01)
A61K 8/37 (2006.01)
A61K 8/60 (2006.01)
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A61K 8/34 (2006.01)
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 (54) DISPLAY DEVICE HAVING A WATER-MARK FORMED BY HALFTONE IMAGES
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G02F 1/167 (2019.01)
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 (31) 63/281,353 (32) 19.11.21 (33) US
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C05D 1/00 (2006.01)
C05D 3/00 (2006.01)
C05D 5/00 (2006.01)
C05D 9/02 (2006.01)
C05G 1/00 (2006.01)
C05G 3/40 (2020.01)
C05G 5/10 (2020.01)
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A01N 45/00 (2006.01)
A01N 25/04 (2006.01)
A01N 25/30 (2006.01)
A01N 43/56 (2006.01)
A01N 43/653 (2006.01)
A01N 47/24 (2006.01)
A01N 59/20 (2006.01)
A01P 3/00 (2006.01)
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A61K 31/505 (2006.01)
C07D 239/47 (2006.01)
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C10K 3/06 (2006.01)
C01B 3/02 (2006.01)
C01B 3/50 (2006.01)
C07C 29/151 (2006.01)
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H02S 40/10 (2014.01)
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A23C 23/00 (2006.01)
A61K 9/127 (2006.01)
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H04W 12/06 (2021.01)
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F16K 1/46 (2006.01)
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F16K 17/02 (2006.01)
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F16K 25/04 (2006.01)
F16K 1/52 (2006.01)
F16K 17/02 (2006.01)
F16K 37/00 (2006.01)
F16K 49/00 (2006.01)
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HIGH TEMPERATURE CORROSIVE
LIQUID
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G01L 19/06 (2006.01)
G01D 21/02 (2006.01)
G01F 1/34 (2006.01)
G01F 15/00 (2006.01)
G01K 13/02 (2021.01)
G01L 19/00 (2006.01)
G01L 19/08 (2006.01)
G05D 7/06 (2006.01)
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CONTROLLING ACCESS TO A BIN
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B65F 1/14 (2006.01)
E05B 47/00 (2006.01)
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G06F 3/14 (2006.01)
G06Q 50/00 (2012.01)
H04N 21/222 (2011.01)
H04N 21/647 (2011.01)
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C22B 3/08 (2006.01)
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B01D 53/14 (2006.01)
B01D 53/047 (2006.01)
B01D 53/22 (2006.01)
C01B 21/04 (2006.01)
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F25B 49/02 (2006.01)
F24F 11/38 (2018.01)
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F24F 11/61 (2018.01)
F24F 11/64 (2018.01)
F25B 6/02 (2006.01)
F24F 140/00 (2018.01)
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A61K 39/395 (2006.01)
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A61G 7/10 (2006.01)
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A61G 7/057 (2006.01)
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A61C 13/00 (2006.01)
A61C 5/70 (2017.01)
A61C 13/083 (2006.01)
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C12Q 1/6883 (2018.01)
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A61K 31/713 (2006.01)
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A61P 9/00 (2006.01)
C12N 15/11 (2006.01)
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G01N 33/574 (2006.01)
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 (72) TKAC, Jan; BERTOK, Tomas
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 (54) PHARMACEUTICAL COMPOSITION AND A PROCESS TO PREPARE THE SAME
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A61K 9/20 (2006.01)
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F16N 11/00 (2006.01)
F16N 11/08 (2006.01)
F16N 25/02 (2006.01)
F16N 27/02 (2006.01)
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G21D 7/00 (2006.01)
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A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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F25J 1/00 (2006.01)
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B61L 27/12 (2022.01)
G06Q 50/40 (2024.01)
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C07D 471/04 (2006.01)
A61P 9/10 (2006.01)
A61P 11/06 (2006.01)
A61P 13/08 (2006.01)
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B01L 3/00 (2006.01)
C12M 1/12 (2006.01)
C12M 1/34 (2006.01)
G01N 15/00 (2006.01)
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A23L 27/29 (2016.01)
A23L 2/385 (2006.01)
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H04N 19/136 (2014.01)
G06N 3/02 (2006.01)
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C12Q 1/6848 (2018.01)
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H04W 16/20 (2009.01)
H04L 41/0803 (2022.01)
H04W 24/02 (2009.01)
H04W 76/14 (2018.01)
H04W 88/16 (2009.01)
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H04W 64/00 (2009.01)
H04B 17/318 (2015.01)
H04L 12/28 (2006.01)
H04L 41/0803 (2022.01)
H04W 4/02 (2018.01)
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G06F 1/24 (2006.01)
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F16D 43/14 (2006.01)
F16D 43/21 (2006.01)
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F15B 1/02 (2006.01)
E02F 9/22 (2006.01)
F15B 1/033 (2006.01)
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G06T 7/00 (2017.01)
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H02J 3/00 (2006.01)
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H02J 3/38 (2006.01)
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E21B 7/04 (2006.01)
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E21B 10/60 (2006.01)
E21B 41/00 (2006.01)
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E21C 25/60 (2006.01)
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 (54) VACUUM TRANSPORTATION SYSTEM

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B60L 13/04 (2006.01)
F16L 9/18 (2006.01)
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PATIL, Anurag; JAYANT, Dhalpe Ab-
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DROXYPHENYL METHANONE DE-
RIVATIVE COMPOUND OR PHAR-
MACEUTICALLY ACCEPTABLE SALT
THEREOF
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A61K 31/343 (2006.01)
A61P 1/16 (2006.01)
A61P 11/00 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07D 307/80 (2006.01)
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- (54) COMBINATION THERAPY TO TREAT
BRAIN CANCER
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C12Q 1/6886 (2018.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/113 (2010.01)
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IN RESISTANCE OF RICE TO WEEDS
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A01N 43/16 (2006.01)
A01G 13/00 (2006.01)
A01P 13/00 (2006.01)
C12N 9/10 (2006.01)
C12N 15/54 (2006.01)
C12N 15/70 (2006.01)
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CHE EN INFORMATIQUE ET EN
AUTOMATIQUE
(11) AU-A-2022370288
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THIS DEVICE
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G06N 10/20 (2022.01)
G06N 10/40 (2022.01)
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- (54) IMMUNOMODULATORY COMBINA-
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A61K 39/00 (2006.01)
A61K 9/127 (2006.01)
A61K 9/51 (2006.01)
A61K 39/385 (2006.01)
A61K 47/54 (2017.01)
A61P 37/02 (2006.01)
C07C 59/44 (2006.01)
C07C 69/28 (2006.01)
C07C 69/527 (2006.01)
C07C 69/533 (2006.01)
C07C 69/587 (2006.01)
C07C 69/732 (2006.01)
C07J 7/00 (2006.01)
C12N 15/10 (2006.01)
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A23K 10/16 (2016.01)
A23K 10/18 (2016.01)
A23K 20/111 (2016.01)
A23K 20/142 (2016.01)
A23K 20/189 (2016.01)
A23K 50/30 (2016.01)
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Adam; BRENNAN, Melanie
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- (54) CONSUMPTION OF GLUTAMATE
AND FORMATION OF GABA BY LAC-
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- (51) Int. Cl.
A61K 35/747 (2015.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
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TERSON, Elaine
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A61F 2/38 (2006.01)
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B24B 1/00 (2006.01)
B24D 3/00 (2006.01)
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GAZE, Harry
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THEIR USES
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A61P 3/06 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/46 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
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- (71) JOHN ENGINE SPORTS PRODUCTS INC
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(54) GLOVE STRUCTURE
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A41D 19/00 (2006.01)
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(74) A.P.T. Patent and Trade Mark Attorneys
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(51) Int. Cl.
C07K 14/075 (2006.01)
A61K 48/00 (2006.01)
C07K 14/005 (2006.01)
C12N 7/01 (2006.01)
C12N 15/09 (2006.01)
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C07K 14/075 (2006.01)
A61K 48/00 (2006.01)
C07K 14/005 (2006.01)
C12N 7/01 (2006.01)
C12N 15/09 (2006.01)
C12N 15/861 (2006.01)
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(51) Int. Cl.
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
C12P 21/08 (2006.01)
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(54) INDUCIBLE PROMOTER, VECTOR AND HOST CELL BASED THEREON
(51) Int. Cl.
C12N 15/63 (2006.01)
C12N 5/10 (2006.01)
C12Q 1/6897 (2018.01)
G01N 33/533 (2006.01)
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(54) SUPPLY DEVICE
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B65G 43/00 (2006.01)
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G06Q 50/06 (2012.01)
F17C 13/02 (2006.01)
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(54) SYSTEM AND METHOD FOR DETERMINING ENDURANCE OF A MUSCLE GROUP
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A61B 5/22 (2006.01)
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A63B 21/00 (2006.01)
A63B 21/008 (2006.01)
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G07F 15/00 (2006.01)
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G06Q 50/06 (2012.01)
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B25H 3/02 (2006.01)
B62B 1/00 (2006.01)
B62B 1/12 (2006.01)
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C07D 209/08 (2006.01)
A61K 31/343 (2006.01)
A61K 31/404 (2006.01)
A61P 35/00 (2006.01)
C07D 307/79 (2006.01)
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(54) WEAR SENSOR
(51) Int. Cl.
G01B 17/02 (2006.01)
B65G 11/20 (2006.01)
B65G 43/02 (2006.01)
G01B 7/06 (2006.01)
G01B 17/04 (2006.01)
G01D 11/24 (2006.01)
G01L 1/16 (2006.01)
G01N 29/22 (2006.01)
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(54) PROCESS AND SYSTEM FOR CONTROLLING TEMPERATURE OF A CIRCULATING FOAMED FLUID
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D21F 11/00 (2006.01)
D21F 9/00 (2006.01)
D21H 17/00 (2006.01)
D21H 23/78 (2006.01)
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(72) KHODAEI, Aisan
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(54) FOAM PRODUCTS AND THEIR PRODUCTION
(51) Int. Cl.
C08J 9/14 (2006.01)
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- (71)** KINGSWAY ENTERPRISES (UK) LIMITED
(11) AU-A-2022378986
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(54) HAND TOWEL DISPENSER
(51) Int. Cl.
A47K 10/42 (2006.01)
A47K 10/32 (2006.01)
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(72) HALL, Benjamin
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(54) INLINE DISPENSER SYSTEM
(51) Int. Cl.
C02F 1/68 (2023.01)
B01F 21/20 (2022.01)
C02F 103/42 (2006.01)
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(54) INLINE END ENGAGING SYSTEM
(51) Int. Cl.
E04H 4/12 (2006.01)

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B65D 83/00 (2006.01)
A61H 33/00 (2006.01)
B01D 11/02 (2006.01)
C02F 103/00 (2006.01)
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(54) DISPENSING CARTRIDGE ALERT
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C02F 1/68 (2023.01)
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(21) 2022360396 **(22)** 04.10.2022
(54) AGRICULTURAL COMPOSITIONS AND METHODS FOR MAKING AND USING THE SAME
(51) Int. Cl.
C05C 3/00 (2006.01)
C05C 9/02 (2006.01)
C05G 3/90 (2020.01)
C05G 5/20 (2020.01)
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(51) Int. Cl.
B60L 50/75 (2019.01)
B60K 1/04 (2019.01)
B60K 11/06 (2006.01)
H01M 8/00 (2016.01)
H01M 8/04 (2016.01)
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(72) HOSHINO Yuta; OBATA Koji; YAMAWAKI Shota
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(54) LACTOFERRIN COMPOSITIONS AND METHODS OF USE
(51) Int. Cl.
A61K 38/40 (2006.01)

A61K 9/00 (2006.01)
A61P 17/02 (2006.01)
(87) WO2023/028498
(31) 63/236,204 **(32)** 23.08.21 **(33)** US
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(72) HLUBB, Christopher; SNEDEKER, Jonathan
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) LACTEA THERAPEUTICS LLC
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(54) LACTOFERRIN COMPOSITIONS AND METHODS OF USE
(51) Int. Cl.
C07K 14/79 (2006.01)
A61K 38/40 (2006.01)
A23C 9/00 (2006.01)
(87) WO2023/028499
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(54) PROBIOTIC BACTERIA COMPOSITION FOR INHIBITING FUNGAL PROLIFERATION
(51) Int. Cl.
A61K 35/741 (2015.01)
A61K 8/46 (2006.01)
A61K 35/747 (2015.01)
A61P 17/00 (2006.01)
A61P 31/10 (2006.01)
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(31) PA202100835 **(32)** 25.08.21 **(33)** DK
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(74) Catalyst Intellectual Property

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G01R 23/02 (2006.01)
G01R 19/25 (2006.01)
G01R 22/10 (2006.01)
G01R 23/167 (2006.01)
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(31) 17/522,606 **(32)** 09.11.21 **(33)** US
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(72) BOBICK, David A.
(74) Davies Collison Cave Pty Ltd

(71) LASHIFY, INC.
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(21) 2022359275 **(22)** 03.10.2022
(54) ELECTRIC APPLICATOR AND METHOD FOR RE-AFFIXING ARTIFICIAL LASH EXTENSIONS AND CURLING NATURAL LASHES AND ARTIFICIAL LASH EXTENSIONS ATTACHED TO NATURAL LASHES
(51) Int. Cl.
A45D 44/00 (2006.01)
A41G 5/02 (2006.01)
A45D 2/48 (2006.01)
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(54) GARMENT PROCESSING DEVICE
(51) Int. Cl.
D06F 58/06 (2006.01)
D06F 58/08 (2006.01)
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(54) CLOTHING TREATING APPARATUS
(51) Int. Cl.
D06F 58/08 (2006.01)
D06F 34/18 (2020.01)
D06F 58/38 (2020.01)
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A47L 9/28 (2006.01)
A47L 5/24 (2006.01)
A47L 7/00 (2006.01)
A47L 9/16 (2006.01)
A47L 9/20 (2006.01)
A47L 9/24 (2006.01)
A61L 2/08 (2006.01)
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H05B 6/64 (2006.01)
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G01N 33/68 (2006.01)
A61P 35/00 (2006.01)
C12N 9/10 (2006.01)
G01N 21/64 (2006.01)
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H01L 31/0216 (2014.01)
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H01L 31/0352 (2006.01)
H01L 31/0216 (2014.01)
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H01L 31/068 (2012.01)
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H01L 31/0288 (2006.01)
H01L 31/0216 (2014.01)
H01L 31/0352 (2006.01)
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A61M 60/818 (2021.01)
A61M 60/13 (2021.01)
A61M 60/237 (2021.01)
A61M 60/414 (2021.01)
A61M 60/531 (2021.01)
A61M 60/81 (2021.01)
A61M 60/816 (2021.01)
A61M 60/824 (2021.01)
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 (54) HANDLING MACHINE
 (51) Int. Cl.
B66F 9/065 (2006.01)
B66F 9/075 (2006.01)
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B66F 9/065 (2006.01)
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A61K 35/74 (2015.01)
A23L 33/135 (2016.01)
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 (21) 2022351158 (22) 23.09.2022
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 (51) Int. Cl.
H02J 7/00 (2006.01)
E05B 47/00 (2006.01)
H02J 7/32 (2006.01)
H02J 7/35 (2006.01)
H02J 50/00 (2016.01)
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E06B 7/28 (2006.01)
E06B 5/00 (2006.01)
B60J 5/00 (2006.01)
E06B 5/10 (2006.01)
E06B 5/11 (2006.01)
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A61B 90/00 (2016.01)
A61B 17/17 (2006.01)
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 (54) VEHICLE HEADREST SAFE
 (51) Int. Cl.
B60R 7/14 (2006.01)
B60R 7/00 (2006.01)
E05G 1/00 (2006.01)
F41C 33/06 (2006.01)
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 (72) MEISLER, Irving
 (74) Patent Attorney Services
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 (51) Int. Cl.
B01D 61/18 (2006.01)
B01D 65/08 (2006.01)
C02F 3/12 (2023.01)
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A61K 31/444 (2006.01)
A61P 11/00 (2006.01)
A61P 37/06 (2006.01)
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 (54) METHOD FOR DEALCOHOLIZATION OF A WINE
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C12H 3/00 (2019.01)
C12H 3/04 (2019.01)
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 (54) 3-CYCLOAMINO-INDOLE COMPOUNDS AS SEROTONERGIC AGENTS USEFUL FOR THE TREATMENT OF DISORDERS RELATED THERETO
 (51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/404 (2006.01)
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
C07D 403/04 (2006.01)
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C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
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C07D 339/04 (2006.01)
A61K 31/16 (2006.01)
A61K 31/381 (2006.01)
A61P 21/00 (2006.01)
C07C 307/02 (2006.01)
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(51) Int. Cl.
C08L 75/04 (2006.01)
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E04B 1/10 (2006.01)
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E21D 20/02 (2006.01)
E02D 5/00 (2006.01)
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(87) WO2023/021476
(31) 2021/05984 **(32)** 20.08.21 **(33)** ZA
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C12N 15/82 (2006.01)
C12N 15/63 (2006.01)
C12N 15/79 (2006.01)
A01H 4/00 (2006.01)
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A61F 2/00 (2006.01)
A61F 2/12 (2006.01)
A61L 27/36 (2006.01)
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(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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G06F 8/41 (2018.01)
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G06T 7/60 (2017.01)
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C12Q 1/6844 (2018.01)
C12Q 1/6876 (2018.01)
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A61N 1/32 (2006.01)
A61M 31/00 (2006.01)
A61N 1/00 (2006.01)
A61B 5/282 (2021.01)
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 (51) Int. Cl.
B66C 13/06 (2006.01)
B66C 13/16 (2006.01)
B66C 13/18 (2006.01)
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B66C 15/06 (2006.01)
B66C 23/62 (2006.01)
B66C 23/88 (2006.01)
B66D 1/54 (2006.01)
B66C 1/14 (2006.01)
B66C 1/34 (2006.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61K 51/10 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/46 (2006.01)
C12N 5/10 (2006.01)
C12N 15/13 (2006.01)
C12N 15/62 (2006.01)
C12P 21/00 (2006.01)
G01N 33/574 (2006.01)
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A61K 47/64 (2017.01)
A61K 48/00 (2006.01)
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F16D 65/18 (2006.01)
F16D 65/08 (2006.01)
F16D 65/092 (2006.01)
F16D 66/00 (2006.01)
F16D 66/02 (2006.01)
F16D 69/00 (2006.01)
G01B 5/00 (2006.01)
G01L 1/00 (2006.01)
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H01Q 3/04 (2006.01)
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C22B 11/00 (2006.01)
B03D 1/08 (2006.01)
C22B 1/02 (2006.01)
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(54) COLORIMETRIC SENSORS FOR DE-
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C08F 138/00 (2006.01)
C08L 49/00 (2006.01)
C12Q 1/04 (2006.01)
G01N 21/78 (2006.01)
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(54) DETERMINATION OF THE SPATIAL
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(51) Int. Cl.
G06T 7/00 (2017.01)
G01N 15/08 (2006.01)
G01N 21/17 (2006.01)
G01N 23/04 (2018.01)
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A61B 34/10 (2016.01)
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H04B 7/06 (2006.01)
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H04W 52/02 (2009.01)
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H04W 72/04 (2023.01)
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 Christopher, Durant; MEYERS, Michael
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A61P 35/00 (2006.01)
C12Q 1/6886 (2018.01)
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 B32B 27/08 (2006.01)
 B32B 7/12 (2006.01)
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 (54) SYSTEMS AND METHODS TO PROCESS ELECTRONIC IMAGES TO SELECTIVELY HIDE STRUCTURES AND ARTIFACTS FOR DIGITAL PATHOLOGY IMAGE REVIEW
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 G06T 7/00 (2017.01)
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 G16H 30/40 (2018.01)

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 G06V 10/82 (2022.01)
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 G16H 50/20 (2018.01)
 G06N 20/00 (2019.01)
 G16H 30/40 (2018.01)
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 C07K 14/415 (2006.01)
 C12N 9/22 (2006.01)
 C12N 15/82 (2006.01)
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 (51) Int. Cl.
 G06Q 10/06 (2023.01)
 G06N 3/08 (2023.01)
 G06Q 10/08 (2023.01)
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 (54) SWITCH RECEPTORS USING IL-9 SIGNALING DOMAINS
 (51) Int. Cl.
 C07K 14/71 (2006.01)
 A61K 35/17 (2015.01)
 A61P 35/00 (2006.01)
 C07K 14/705 (2006.01)
 C07K 14/715 (2006.01)
 C07K 19/00 (2006.01)
 C12N 5/0781 (2010.01)
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 C12N 5/0784 (2010.01)
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 C07K 14/71 (2006.01)
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C12N 5/0781 (2010.01)
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(74) RnB IP
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(54) METHANOGEN INHIBITORS
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A23K 20/137 (2016.01)
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C07D 487/04 (2006.01)
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(74) Southern Cross Intellectual Property
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(51) Int. Cl.
B30B 1/18 (2006.01)
F16H 25/24 (2006.01)
B30B 15/12 (2006.01)
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B29C 49/08 (2006.01)
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A61P 31/16 (2006.01)
C07K 14/47 (2006.01)
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G06N 20/00 (2019.01)
G06Q 10/0639 (2023.01)
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 C09D 161/28 (2006.01)
 C09J 11/02 (2006.01)
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C12N 7/00 (2006.01)
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B63B 21/30 (2006.01)
B63B 21/26 (2006.01)
B63B 21/50 (2006.01)
E02D 27/52 (2006.01)
E21B 41/08 (2006.01)
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A61K 31/7088 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/6883 (2018.01)
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A61K 31/4439 (2006.01)
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B01D 53/34 (2006.01)
B01D 53/62 (2006.01)
C01B 3/48 (2006.01)
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A61M 16/00 (2006.01)
A61M 16/06 (2006.01)
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A01K 67/027 (2006.01)
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H02H 3/48 (2006.01)
G01R 19/257 (2006.01)
G01R 19/25 (2006.01)
G01R 19/252 (2006.01)
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F24T 10/30 (2018.01)
F01K 25/10 (2006.01)
F01K 27/02 (2006.01)
F24T 10/00 (2018.01)
F28D 21/00 (2006.01)
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A61K 35/761 (2015.01)
A61K 39/12 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
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F24H 1/54 (2022.01)
E04H 4/12 (2006.01)
F24H 4/04 (2006.01)
F24H 15/196 (2022.01)
F24H 15/223 (2022.01)
F24H 15/375 (2022.01)
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G06F 16/955 (2019.01)
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A61K 38/12 (2006.01)
C07K 5/04 (2006.01)
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 C08J 9/00 (2006.01)
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 B01D 61/00 (2006.01)
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 F03G 7/00 (2006.01)
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 A61M 25/00 (2006.01)
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 A61L 29/02 (2006.01)
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 C07D 471/10 (2006.01)
 A61K 31/513 (2006.01)
 A61P 25/08 (2006.01)
 A61P 35/00 (2006.01)
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 C07D 401/14 (2006.01)
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 C10L 1/08 (2006.01)
 C10B 53/02 (2006.01)
 C10B 57/12 (2006.01)
 C10G 1/06 (2006.01)
 C10G 3/00 (2006.01)
 C10L 1/02 (2006.01)
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 C10L 1/08 (2006.01)
 C10B 53/02 (2006.01)
 C10B 57/12 (2006.01)
 C10G 1/06 (2006.01)
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C10B 57/12 (2006.01)
C10B 53/02 (2006.01)
C10G 1/00 (2006.01)
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 (54) PYRIDINE DERIVATIVE AND USE THEREOF
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A61K 31/517 (2006.01)
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C07D 239/72 (2006.01)
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C08K 5/098 (2006.01)
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C02F 11/123 (2019.01)
B01D 33/04 (2006.01)
B01D 37/03 (2006.01)
C02F 11/14 (2019.01)
G01N 15/06 (2006.01)
G01S 17/89 (2020.01)
G01B 11/24 (2006.01)
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A23L 2/385 (2006.01)
A23L 2/52 (2006.01)
A23L 2/84 (2006.01)
A23L 7/104 (2016.01)
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A23G 1/44 (2006.01)
A23G 1/48 (2006.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
A23L 11/50 (2021.01)
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 (51) Int. Cl.
A23G 1/44 (2006.01)
A23G 1/48 (2006.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
A23L 11/50 (2021.01)
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 (51) Int. Cl.
A23G 1/44 (2006.01)
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A23L 11/50 (2021.01)
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 A23G 1/44 (2006.01)
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 B65D 85/804 (2006.01)
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 (54) PROCESS FOR THE PRODUCTION OF A CONTAINER FOR THE PREPARATION OF A BEVERAGE IN A BEVERAGE PREPARATION DEVICE AND A CONTAINER OBTAINED BY SAID PROCESS
 (51) Int. Cl.
 B65B 1/04 (2006.01)
 B65B 29/02 (2006.01)
 B65B 51/10 (2006.01)
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 B65D 85/804 (2006.01)
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 A01K 67/027 (2006.01)
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 A61L 2/20 (2006.01)
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 B65B 55/10 (2006.01)
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 (54) METHOD OF MANUFACTURING A MEDICAL INJECTION DEVICE AND MEDICAL INJECTION DEVICE THUS OBTAINED
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 C03C 17/00 (2006.01)
 A61M 5/178 (2006.01)
 A61M 5/31 (2006.01)
 B05D 7/22 (2006.01)
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 (54) COMBUSTION BOILER CONTROL METHOD, COMBUSTION BOILER AND BOILER COMPUTATION SYSTEM
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 F23C 10/28 (2006.01)
 F22B 35/00 (2006.01)
 F22B 35/18 (2006.01)
 F23N 5/02 (2006.01)
 F23N 5/24 (2006.01)
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 B60N 2/50 (2006.01)

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B60N 2/16 (2006.01)
B60N 2/52 (2006.01)
B60G 15/12 (2006.01)
B60N 2/54 (2006.01)
F16F 9/06 (2006.01)
F16M 11/24 (2006.01)
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C07D 471/04 (2006.01)
A01N 43/90 (2006.01)
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(54) HERBICIDAL IMIDAZOLE COMPOUNDS
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C07D 401/14 (2006.01)
A01N 43/54 (2006.01)
A01N 43/56 (2006.01)
C07D 403/06 (2006.01)
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A01N 43/36 (2006.01)
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A01H 1/04 (2006.01)
A01H 5/12 (2018.01)
A01H 6/02 (2018.01)
C12Q 1/6895 (2018.01)
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A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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B63B 21/00 (2006.01)
B63B 35/44 (2006.01)
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F27D 99/00 (2010.01)
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(74) Patent Attorney Services

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C22B 5/10 (2006.01)
C10B 55/02 (2006.01)
C10B 57/04 (2006.01)
C10B 57/12 (2006.01)
C10L 5/06 (2006.01)
C10L 5/32 (2006.01)
C21B 5/00 (2006.01)
C22B 1/00 (2006.01)
C22C 35/00 (2006.01)
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(72) DE OLIVEIRA, Ronald, Lopes; GONÇALVES, Guilherme Francisco; POTTER, Stephen Michael; LOVATTI, Rafael, Araújo
(74) Spruson & Ferguson

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(21) 2022346443 **(22)** 22.08.2022
(54) COLD-PRESSED SOLID AGGLOMERATE AND METHOD FOR PRODUCING SAME
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C22B 1/14 (2006.01)
C10L 5/06 (2006.01)
C22B 1/24 (2006.01)
C22B 1/242 (2006.01)
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B65D 41/18 (2006.01)
B65D 5/74 (2006.01)
B65D 47/10 (2006.01)
B65D 51/22 (2006.01)
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C07C 237/10 (2006.01)
A61K 9/51 (2006.01)
A61K 47/18 (2017.01)
A61K 47/20 (2006.01)
C07C 275/14 (2006.01)
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C07D 295/13 (2006.01)
C12N 5/00 (2006.01)
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A61K 47/59 (2017.01)
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A61P 27/02 (2006.01)
A61P 35/00 (2006.01)
C12N 15/63 (2006.01)
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A61N 7/02 (2006.01)
A61B 8/00 (2006.01)
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(54) COMPOSITIONS AND METHODS FOR INDUCING IMMUNE TOLERANCE
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A61P 37/02 (2006.01)
A61K 39/35 (2006.01)
A61K 39/395 (2006.01)
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C07D 333/06 (2006.01)
A61K 31/381 (2006.01)
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(51) Int. Cl.
B01J 3/06 (2006.01)
B82Y 15/00 (2011.01)
C03B 25/02 (2006.01)
C03B 29/04 (2006.01)
C03B 33/04 (2006.01)
G01N 21/64 (2006.01)
G01N 24/10 (2006.01)
G01N 33/50 (2006.01)
G01N 33/90 (2006.01)
G01R 33/32 (2006.01)
H01L 29/16 (2006.01)
H01L 29/66 (2006.01)
(87) WO2023/023756
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F04D 17/16 (2006.01)
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C01B 33/24 (2006.01)

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H05K 7/20 (2006.01)
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(21) 2022332704 **(22)** 24.08.2022
(54) SYSTEMS AND METHODS FOR MANAGING DRAINAGE ASSETS
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F17D 5/02 (2006.01)
E03F 3/00 (2006.01)
E03F 7/12 (2006.01)
G01M 3/00 (2006.01)
G01M 11/08 (2006.01)
G01M 99/00 (2011.01)
G05B 9/02 (2006.01)
G05B 13/04 (2006.01)
G05B 15/02 (2006.01)
G05B 19/042 (2006.01)
G05B 23/02 (2006.01)
G06Q 10/20 (2023.01)
G06Q 50/26 (2012.01)
(87) WO2023/023757
(31) 2021902741 **(32)** 25.08.21 **(33)** AU
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(72) BLOOMFIELD, Kirk; KEENAN, Heath
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(54) "METHODS AND SYSTEMS FOR IDENTIFYING OBJECTS IN IMAGES"
(51) Int. Cl.
G06F 16/587 (2019.01)
G06T 7/70 (2017.01)
G06V 10/12 (2022.01)
G06V 10/764 (2022.01)
G06V 10/80 (2022.01)
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(51) Int. Cl.
A61B 17/072 (2006.01)
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A61B 17/072 (2006.01)
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(51) Int. Cl.
G06T 11/00 (2006.01)
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(74) James & Wells Intellectual Property

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G01N 35/10 (2006.01)
G01B 11/10 (2006.01)
G01F 22/00 (2006.01)
A61J 3/00 (2006.01)
G01B 11/08 (2006.01)
G01F 25/00 (2022.01)
G01N 15/02 (2006.01)
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A61C 8/00 (2006.01)
B25B 15/00 (2006.01)
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(51) Int. Cl.
B64D 1/16 (2006.01)
A62C 3/02 (2006.01)
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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A61M 5/34 (2006.01)
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(21) 2022348784 **(22)** 16.09.2022
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(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/4375 (2006.01)
A61P 9/00 (2006.01)
A61P 9/12 (2006.01)
(87) WO2023/041004
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(74) FB Rice Pty Ltd

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 (21) 2022380707 (22) 01.11.2022
 (54) OPTIMIZED ROUTING APPLICATION FOR PROVIDING SERVICE TO AN AUTONOMOUS VEHICLE
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G01C 21/34 (2006.01)
G06Q 10/0631 (2023.01)
G06Q 10/20 (2023.01)
 (87) WO2023/081630
 (31) 63/263,421 (32) 02.11.21 (33) US
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- (71) UCHICAGO ARGONNE, LLC
 (11) AU-A-2022333983
 (21) 2022333983 (22) 18.08.2022
 (54) REMOTE SUBLIMATION APPARATUS
 (51) Int. Cl.
G21G 1/00 (2006.01)
B01D 7/00 (2006.01)
 (87) WO2023/027933
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 (72) ROTSCH, David; NOLEN, Jerry, A., Jr.; CHERERISOV, Sergey, D.; BAILEY, James, L.; KMAK, Ronald, T.
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 (54) SYSTEMS AND METHODS FOR SAMPLE PREPARATION FOR SEQUENCING
 (51) Int. Cl.
C12Q 1/6806 (2018.01)
C12N 15/10 (2006.01)
C12Q 1/686 (2018.01)
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G16H 50/50 (2018.01)
A61B 5/00 (2006.01)
A61B 5/0205 (2006.01)
A61B 5/021 (2006.01)
A61B 5/026 (2006.01)
A61M 5/172 (2006.01)
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C30B 30/02 (2006.01)
B01J 19/08 (2006.01)
C01B 32/184 (2017.01)
C30B 1/02 (2006.01)
C30B 1/12 (2006.01)
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C08H 8/00 (2010.01)
C08H 99/00 (2010.01)
C08L 1/02 (2006.01)
C08L 1/08 (2006.01)
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C07K 14/415 (2006.01)
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H10K 30/15 (2023.01)
H10K 30/40 (2023.01)
H10K 30/82 (2023.01)
H10K 30/85 (2023.01)
H10K 30/86 (2023.01)
H10K 71/12 (2023.01)
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H01M 10/44 (2006.01)
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C12N 5/079 (2010.01)
A61K 35/30 (2015.01)
A61P 25/28 (2006.01)
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G16H 20/17 (2018.01)
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A01G 25/16 (2006.01)
A01C 23/02 (2006.01)
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A61P 25/00 (2006.01)
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H01J 37/32 (2006.01)
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E21B 15/04 (2006.01)
E21B 19/08 (2006.01)
E21B 19/16 (2006.01)
E21B 44/04 (2006.01)
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E21B 7/04 (2006.01)
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C12N 5/071 (2010.01)
A61K 31/4704 (2006.01)
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H04B 7/204 (2006.01)
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H04B 10/112 (2013.01)
G02B 6/00 (2006.01)
G08C 23/04 (2006.01)
G08C 23/06 (2006.01)
H04B 10/114 (2013.01)
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(51) Int. Cl.
A62C 35/58 (2006.01)
A62C 35/60 (2006.01)
A62C 37/11 (2006.01)
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(54) INCREASING FLOTATION RECOVERY AND THROUGHPUT
(51) Int. Cl.
B01D 47/02 (2006.01)
C22B 3/20 (2006.01)
C22B 15/00 (2006.01)
B01D 21/00 (2006.01)
B01D 45/00 (2006.01)
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A61K 35/12 (2015.01)
C07K 14/705 (2006.01)
C12N 15/113 (2010.01)
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A61B 3/00 (2006.01)
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(51) Int. Cl.
A61B 3/00 (2006.01)
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E21B 33/12 (2006.01)
E21B 33/128 (2006.01)
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A61K 38/20 (2006.01)
C07K 14/55 (2006.01)
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A61P 35/00 (2006.01)
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(54) ARTICULATED APPARATUS
(51) Int. Cl.
A01B 73/04 (2006.01)
A01D 34/66 (2006.01)
A01D 69/06 (2006.01)
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B60N 2/28 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(54) ROWING PERFORMANCE OPTIMIZATION SYSTEM AND METHODS
(51) Int. Cl.
A63B 69/06 (2006.01)
B63B 34/20 (2020.01)
B63B 79/10 (2020.01)

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(54) METHODS AND SYSTEMS FOR TRAINING ATTRIBUTE PREDICTION MODELS
(51) Int. Cl.
G06F 40/30 (2020.01)
G06F 16/93 (2019.01)
G06N 20/20 (2019.01)
G06V 10/82 (2022.01)
G06V 30/413 (2022.01)
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(31) 2021903009 **(32)** 17.09.21 **(33)** AU
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C07K 14/54 (2006.01)
A61K 47/68 (2017.01)
C07K 16/24 (2006.01)
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C12Q 1/6806 (2018.01)
C12Q 1/6869 (2018.01)
C12Q 1/6874 (2018.01)
(87) WO2023/021518
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C07K 16/28 (2006.01)
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(51) Int. Cl.
E04B 2/56 (2006.01)
B32B 13/08 (2006.01)
E04C 2/04 (2006.01)
E04C 2/26 (2006.01)
(87) WO2023/058470
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(11) AU-A-2022354251
(21) 2022354251 **(22)** 27.09.2022
(54) DIOXAZINES AND THEIR USE IN TREATMENT OF GBA-RELATED DISEASES
(51) Int. Cl.
C07D 413/04 (2006.01)
A61K 31/422 (2006.01)
A61P 25/16 (2006.01)
C07D 413/06 (2006.01)
C07D 413/14 (2006.01)
(87) WO2023/053007
(31) 21199449.6 **(32)** 28.09.21 **(33)** EP
(43) 06.04.2023
(72) NEVE, Søren; BROWN, William Dalby; THIRSTRUP, Kenneth
(74) FB Rice Pty Ltd

(71) ZHUHAI UNITED LABORATORIES CO., LTD.
(11) AU-A-2022330231
(21) 2022330231 **(22)** 18.08.2022
(54) LOCAL TOPICAL FORMULATION CONTAINING JAK INHIBITOR OR SALT THEREOF OR CRYSTAL FORM THEREOF, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF

(51) Int. Cl.
A61K 9/06 (2006.01)
A61K 31/519 (2006.01)
A61P 17/00 (2006.01)
A61P 17/06 (2006.01)
A61P 17/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/00 (2006.01)
(87) WO2023/020567
(31) 202110942954.4 **(32)** 19.08.21 **(33)** CN
(43) 23.02.2023
(72) SHEN, Meiyue; MU, Liwei; YU, Tingting; HE, Yujun; SU, Chong; GAO, Peng; WANG, Zheng; WANG, Degang
(74) Wulff Partners Pty Ltd

(71) ZTE CORPORATION
(11) AU-A-2022337484
(21) 2022337484 **(22)** 28.04.2022
(54) METHOD AND APPARATUS FOR SERVICE MIGRATION BETWEEN UES, AND STORAGE MEDIUM
(51) Int. Cl.
H04W 48/08 (2009.01)
H04W 8/00 (2009.01)
(87) WO2023/029537
(31) 202111033623.5 **(32)** 03.09.21 **(33)** CN
(43) 09.03.2023
(72) SHA, Xiubin; DAI, Bo; LU, Ting; NIU, Li; TAN, Jie
(74) Davies Collison Cave Pty Ltd

(71) ZURIMED TECHNOLOGIES AG
(11) AU-A-2022399888
(21) 2022399888 **(22)** 28.11.2022
(54) SURGICAL DEVICE, DEVICE FOR PRE-BENDING A BUCKLING WIRE, METHOD FOR FELTING AN IMPLANT TO SOFT TISSUE, AND METHOD FOR PRE-BENDING A BUCKLING WIRE
(51) Int. Cl.
A61B 17/04 (2006.01)
A61B 17/062 (2006.01)
A61B 17/00 (2006.01)
A61B 17/06 (2006.01)
A61B 90/00 (2016.01)
(87) WO2023/099409
(31) 21211467.2 **(32)** 30.11.21 **(33)** EP
(43) 08.06.2023
(72) BANZET, Pol; GRAF, Reto; BACHMANN, Elias; LI, Xiang
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ZYMEWORKS BC INC.
(11) AU-A-2022346446
(21) 2022346446 **(22)** 14.09.2022
(54) MULTIVALENT POLYPEPTIDE CONSTRUCTS CAPABLE OF BINDING VIRAL SPIKE PROTEINS AND METHODS OF USING THE SAME
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 47/68 (2017.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
C07K 16/00 (2006.01)
C12N 9/64 (2006.01)
C12N 9/96 (2006.01)

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- C12N 15/62** (2006.01)
C12P 21/00 (2006.01)
(87) WO2023/039667
(31) 63/245,786 **(32)** 17.09.21 **(33)** US
 63/398,482 16.08.22 US
(43) 23.03.2023
(72) DIXIT, Surjit Bhimarao; ESCO-
 BAR-CABRERA, Eric; HEINKEL, Flori-
 an; VERSTRAETE, Meghan Marie
(74) FB Rice Pty Ltd
-
- (71)** ZYMEWORKS BC INC.
(11) AU-A-2022346447
(21) 2022346447 **(22)** 15.09.2022
(54) METHODS OF TREATING CANCER
 WITH ANTI-HER2 BIPARATOPIC AN-
 TIBODIES
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C07K 16/46 (2006.01)
(87) WO2023/039672
(31) 63/244,690 **(32)** 15.09.21 **(33)** US
(43) 23.03.2023
(72) DAVIES, Rupert H.; JOSEPHSON, Neil
 C.; PROCTOR, Jeffrey Ryan
(74) FB Rice Pty Ltd

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2021323983	FOCUS BINS AUSTRALIA PTY LTD	2022332704	TOTAL DRAIN GROUP PTY LTD
2021393483	GUANGZHOU SHIYUAN ELECTRONIC TECHNOLOGY COMPANY LIMITED; GUANGZHOU SHIRUI ELECTRONICS CO., LTD	2022332715	ADAMA AUSTRALIA PTY LIMITED
2021460811	GENESPECTOR S.R.O.	2022332770	LG ELECTRONICS INC.
2021461277	PHILIPS, C.	2022332909	AVIVOMED, INC.
2021463029	KIMBERLY-CLARK WORLDWIDE, INC.	2022333073	REGENERON PHARMACEUTICALS, INC.
2021463486	SUMITOMO SHI FW ENERGIA OY	2022333079	LACTEA THERAPEUTICS LLC
2021463660	SUMITOMO SHI FW ENERGIA OY	2022333115	DONGBAO PURPLE STAR (HANGZHOU) BIOPHARMACEUTICAL CO., LTD.
2021463792	VIASAT, INC.	2022333261	LACTOBIO A/S
2021464323	N.V. NUTRICIA	2022333534	ILUKA RESOURCES LIMITED
2021464941	NEWSOUTH INNOVATIONS PTY LIMITED	2022333537	ADAMA AUSTRALIA PTY LIMITED
2021465534	DAREX, LLC	2022333565	CLEAN PLANET INC.
2021465546	BEJO ZADEN B.V.	2022333660	ADAMA AUSTRALIA PTY LIMITED
2021467228	NATIONAL RESEARCH COUNCIL OF CANADA	2022333935	LG ELECTRONICS INC.
2021467326	FUJITSU LIMITED	2022333983	UCHICAGO ARGONNE, LLC
2021467426	CHEVRON U.S.A. INC.; TRIAD NATIONAL SECURITY, LLC	2022333987	DANIMER IPCO, LLC
2021467463	ETH ZÜRICH; PAUL SCHERRER INSTITUT	2022334316	HB11 ENERGY HOLDINGS PTY LTD
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2021470379	CROWN EQUIPMENT CORPORATION	2022334467	LACTEA THERAPEUTICS LLC
2021470385	CROWN EQUIPMENT CORPORATION	2022334530	SHANGHAI LEADINGTAC PHARMACEUTICAL CO. LTD.
2021470708	MYNATIX AG	2022334637	KEYTHERA (SUZHOU) BIO-PHARMACEUTICALS CO., LIMITED
2021479664	LENOVO (BEIJING) LIMITED	2022334659	BOBST MEX SA
2022235561	Phan, H.	2022334711	BIOVERATIV THERAPEUTICS INC.
2022278321	SERVICE IMPEX COSTA DORADA S.L.	2022334714	BIOVERATIV THERAPEUTICS INC.
2022298656	NOBLE RIG HOLDINGS LIMITED	2022334928	THIRUNAVUKKARASU, T.; NANDAKUMAR, R.; ARUMUGAM, N.
2022318899	ACUTUS MEDICAL, INC.	2022335145	RADIAN ARC LIMITED
2022328341	INOVIO PHARMACEUTICALS, INC.; REGENERON PHARMACEUTICALS, INC.	2022335152	TOTAL DRAIN GROUP PTY LTD
2022328466	MINDSET PHARMA INC.	2022335155	THE UNIVERSITY OF MELBOURNE; THE FLOREY INSTITUTE OF NEUROSCIENCE AND MENTAL HEALTH
2022328558	ULTIMA GENOMICS, INC.	2022335245	FISHER & PAYKEL HEALTHCARE LIMITED
2022328756	CORONAVAX, LLC	2022335390	BEIJING ROBOROCK TECHNOLOGY CO., LTD.
2022328806	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2022335547	HANGZHOU GLUBIO PHARMACEUTICAL CO. LTD.
2022328933	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2022335597	ROCK CUBE HOLDINGS LLC
2022328963	INSTITUTE OF BOTANY, THE CHINESE ACADEMY OF SCIENCE	2022335741	HIGHVIEW ENTERPRISES LIMITED
2022329095	JANSSEN PHARMACEUTICA NV	2022336402	3M INNOVATIVE PROPERTIES COMPANY
2022329276	YEDA RESEARCH AND DEVELOPMENT CO. LTD.	2022336679	ANACYTE LABORATORIES GMBH
2022329379	MEDOS INTERNATIONAL SARL	2022336703	WELLFISH TECH LIMITED
2022329458	RAHMAN, S.	2022336788	NOKIA TECHNOLOGIES OY
2022329479	LIU, C.	2022336908	TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.
2022329630	JOINT STOCK COMPANY "BIOCAD"	2022337260	ENTRADA THERAPEUTICS, INC.
2022329857	JOINT STOCK COMPANY "BIOCAD"	2022337289	DEXCOM, INC.
2022330049	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.	2022337365	CLEAN PLANET INC.
2022330219	HARBOUR BIOMED (SHANGHAI) CO., LTD	2022337366	CLEAN PLANET INC.
2022330231	ZHUHAI UNITED LABORATORIES CO., LTD.	2022337477	CLEAN PLANET INC.
2022330351	NEOVACS	2022337484	ZTE CORPORATION
2022330705	545490 PTY. LTD.	2022337960	SPECTRUM BRANDS, INC.
2022331010	NOKIA TECHNOLOGIES OY	2022338181	MODITRI AB
2022331222	MOHLALEFI (PTY) LTD	2022339367	JAPAN SCIENCE AND TECHNOLOGY AGENCY
2022331262	WEREWOLF THERAPEUTICS, INC.; MSD INTERNATIONAL BUSINESS GMBH	2022339413	BLUE BUFFALO ENTERPRISES, INC.
2022331414	JANSSEN BIOTECH, INC.	2022339572	DEXCOM, INC.
2022331610	YALE UNIVERSITY	2022339607	SUSPENSION SYSTEMS TECHNOLOGIES, INC.
2022331636	DISC BRAKES AUSTRALIA PTY LIMITED	2022339675	SCIENTIA VASCULAR, INC.
2022331645	MINDSET PHARMA INC.	2022339872	SCIENTIA VASCULAR, INC.
2022331699	ICEYE OY	2022339915	NANOVIS, LLC
2022331786	HIFIBIO, INC.	2022340511	TOUCHSTONE INTERNATIONAL MEDICAL SCIENCE CO., LTD.
2022331896	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2022340635	RESET ENERGY, LP
2022331939	ADAMA AUSTRALIA PTY LIMITED	2022340638	HOLSEM BRANDS LLC
2022331949	ENERKEM INC.	2022341004	BEEFLOW CORPORATION; CONSEJO NACIONAL DE INVESTIGACIONES CIENTÍFICAS Y TÉCNICAS (CONICET); UNIVERSIDAD DE BUENOS AIRES
2022332122	OURA HEALTH OY	2022341122	PPG INDUSTRIES OHIO, INC.
2022332276	BIOVERATIV THERAPEUTICS INC.		
2022332312	LG ELECTRONICS INC.		
2022332562	SMART & GREEN MUKRAN CONCRETE GMBH		

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2022341486	DELICA AG	2022346603	ALBMARSERG INVERSIONES,SL
2022341520	UNITED KINGDOM RESEARCH AND INNOVATION	2022346688	GLYCANOSTICS S.R.O
2022341822	JOINT STOCK COMPANY «BIOCAD»	2022346871	1S1 ENERGY, INC.
2022341881	JOINT STOCK COMPANY «BIOCAD»	2022346875	MARVELBIOME, INC.
2022342086	NATIONAL OILWELL VARCO NORWAY AS	2022346880	PSIQUANTUM CORP.
2022342141	ELUCIDERM INC.	2022346881	BOVEDA INC.
2022342353	HOVE A/S	2022346916	SNF GROUP
2022342360	SALTPOWER HOLDING APS	2022346919	CONTURA INTERNATIONAL A/S
2022342374	FUNDACIÓN CENER	2022346993	1242753 ONTARIO INC.
2022342387	M H C S	2022347092	INVIBIO KNEES LIMITED
2022342651	MEMBION GMBH	2022347098	MITORX THERAPEUTICS LIMITED
2022342673	DELICA AG	2022347110	BATRA, A.
2022343029	INTEGRATED NANOTHERAPEUTICS INC.	2022347124	UNIVERSITY OF VIRGINIA
2022343101	FACETEC, INC.	2022347161	REVIVICOR, INC.
2022343353	DIGITAL SURGERY SYSTEMS, INC.	2022347162	W. L. GORE & ASSOCIATES, INC.; THE JOHNS HOPKINS UNIVERSITY
2022343528	THE PENN STATE RESEARCH FOUNDATION	2022347172	ALLAKOS INC.
2022343828	DELICA AG	2022347443	HUNTER DOUGLAS INC.
2022343901	WONDERLAND SWITZERLAND AG	2022347445	PARKER INSTITUTE FOR CANCER IMMUNOTHERAPY
2022343969	ARTHREX, INC.	2022347501	YEDA RESEARCH AND DEVELOPMENT CO. LTD.
2022344402	HUAWEI TECHNOLOGIES CO., LTD.	2022347514	DE' LONGHI APPLIANCES S.R.L. CON UNICO SOCIO
2022344407	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.	2022347992	HUNTER DOUGLAS INDUSTRIES B.V.
2022344418	CENTRO DE INMUNOLOGIA MOLECULAR	2022348007	PACK2EARTH, S.L.
2022344475	HYDAC MOBILHYDRAULIK GMBH	2022348141	GENOVAL THERAPEUTICS CO., LTD.
2022344519	SUMITOMO SHI FW ENERGIA OY	2022348189	NOKIA TECHNOLOGIES OY
2022344861	NET-AUTOMATION GMBH	2022348367	XERO LIMITED
2022344865	TECNORED DESENVOLVIMENTO TECNOLÓGICO S.A.	2022348421	KING TECHNOLOGY, INC.
2022344991	KING TECHNOLOGY, INC	2022348454	TRANSPORT AUTHORITY, INC.
2022344992	KING TECHNOLOGY, INC.	2022348489	VERMEER MANUFACTURING COMPANY
2022344993	ANALOG POWER CONVERSION LLC; KYOSAN ELECTRIC MANUFACTURING CO., LTD.	2022348490	RS ONCOLOGY, LLC
2022344995	ANALOG POWER CONVERSION LLC; KYOSAN ELECTRIC MANUFACTURING CO., LTD.	2022348518	GALVANIZE THERAPEUTICS, INC.
2022345001	UNITED THERAPEUTICS CORPORATION	2022348521	REGENERON PHARMACEUTICALS, INC.
2022345008	ALLIANTHERA (SUZHOU) BIOPHARMACEUTICAL CO., LTD.; ALLIANTHERA BOSTON INC.	2022348586	HUNTER DOUGLAS INC.
2022345079	VOR BIOPHARMA INC.	2022348588	PARKER INSTITUTE FOR CANCER IMMUNOTHERAPY; THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
2022345083	VICTAULIC COMPANY	2022348742	HUAWEI TECHNOLOGIES CO., LTD.
2022345087	FREEMPORT MINERALS CORPORATION	2022348784	TUOJIE BIOTECH (SHANGHAI) CO., LTD.
2022345092	BOUNDLESS BIO, INC.	2022348822	OCADO INNOVATION LIMITED
2022345098	AVIDITY BIOSCIENCES, INC.	2022348830	TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG
2022345101	VERMEER MANUFACTURING COMPANY	2022348925	EDGEWELL PERSONAL CARE BRANDS, LLC
2022345176	W. L. GORE & ASSOCIATES, INC.; THE JOHNS HOPKINS UNIVERSITY	2022348935	ALNYLAM PHARMACEUTICALS, INC.
2022345260	VANDA PHARMACEUTICALS INC.	2022348959	SAGE GEOSYSTEMS INC.
2022345264	PEPTILOGICS, INC.	2022348974	X BOAT LLC; LEE, T.H.; CABANAS, M.; GREENBERG, H.B.; CABANAS, J.L.
2022345289	HUNTER DOUGLAS INC.	2022348997	CAE USA INC.
2022345291	VIRGINIA TECH INTELLECTUAL PROPERTIES INC.	2022349014	INTERNATIONAL N&H DENMARK APS
2022345473	SISTEMAS TECNICOS DEL ACCESORIO Y COMPONENTES, S.L.	2022349065	THE JOHNS HOPKINS UNIVERSITY
2022345498	PALTECH	2022349089	PAIGE.AI, INC.
2022345507	ERTHOS IP LLC	2022349096	MONSANTO TECHNOLOGY LLC
2022345630	SUNTORY HOLDINGS LIMITED	2022349343	FLOWSERVE PTE. LTD.
2022345729	ANALOG POWER CONVERSION LLC; KYOSAN ELECTRIC MANUFACTURING CO., LTD.	2022349344	FLOWSERVE PTE. LTD.
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2022345872	VIASAT, INC.	2022349367	PUREWICK CORPORATION
2022345984	EMERGENT PRODUCT DEVELOPMENT GAITHERSBURG INC.	2022349459	N6 TEC, INC.
2022346034	PEPTILOGICS, INC.	2022349527	COGNITO THERAPEUTICS, INC.
2022346048	GRITSTONE BIO, INC.	2022349569	SICHUAN HUIYU PHARMACEUTICAL CO., LTD.; SICHUAN HUIYU SEACROSS PHARMACEUTICAL TECHNOLOGY CO., LTD.
2022346181	NEURA ROBOTICS GMBH	2022349643	EDGEWELL PERSONAL CARE BRANDS, LLC
2022346234	UNIVERSITY OF FREIBURG	2022349649	SAGITTARIUS BIO, INC.
2022346281	INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT MADRAS)	2022349689	DAIFUKU INTRALOGISTICS AMERICA CORPORATION; DAIFUKU CO., LTD.
2022346426	LG ELECTRONICS INC.	2022349691	ACOM LABS, INC.
2022346440	ASF TECHNOLOGIES (AUSTRALIA) PTY LTD	2022349895	STEVANATO GROUP S.P.A.
2022346443	TECNORED DESENVOLVIMENTO TECNOLÓGICO S.A.	2022350071	UNIVERSAL MATTER INC.
2022346446	ZYMEWORKS BC INC.	2022350240	HITGEN INC.
		2022350436	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.

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2022350509	BRISTOL-MYERS SQUIBB COMPANY	2022355198	ADARX PHARMACEUTICALS, INC.
2022350669	ERASCA, INC.; BLATTER, F.; MAIER, A.R.; TUFILLI, N.	2022355201	PURETECH LYT, INC.; BEIGENE SWITZERLAND GMBH
2022350823	COBRA BEHEER B.V.	2022355671	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
2022350847	HALO SMART SOLUTIONS, INC.	2022355967	CHINA PETROLEUM & CHEMICAL CORPORATION; SINOPEC RESEARCH INSTITUTE OF PETROLEUM PROCESSING CO., LTD.
2022350959	TOWARDPI (BEIJING) MEDICAL TECHNOLOGY LTD.	2022355983	BAOSHAN IRON & STEEL CO., LTD.
2022350986	COBRA BEHEER B.V.	2022356099	WEATHERFORD TECHNOLOGY HOLDINGS, LLC
2022351087	TECHLAM; TOTALENERGIES ONETECH	2022356259	NEW YORK SOCIETY FOR THE RELIEF OF THE RUPTURED AND CRIPPLED, MAINTAINING THE HOSPITAL FOR SPECIAL SURGERY
2022351158	MASONITE CORPORATION	2022356333	AXEL SEMRAU GMBH
2022351351	FLOWSERVE PTE. LTD.	2022356340	KEMPOWER OYJ
2022351386	UNIVERSITY OF PLYMOUTH	2022357221	SOLO BRANDS, LLC
2022351419	AMUT S.P.A.	2022357418	BECTON, DICKINSON AND COMPANY; BECTON DICKINSON FRANCE
2022351537	FLOWSERVE PTE. LTD.	2022357497	REGENERON PHARMACEUTICALS, INC.
2022351583	DE' LONGHI APPLIANCES S.R.L. CON UNICO SOCIO	2022357578	CAVITY SLIDERS LIMITED
2022351601	EINOLLLAHI, B.M.; EINOLLLAHI, M.B.; OSMAN, O.E.F.	2022357654	FUJITSU GENERAL LIMITED
2022351617	BIO-TRIP B.V.	2022357765	ADEKA CORPORATION
2022351618	KINGSPAN HOLDINGS (IRL) LIMITED	2022357860	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.
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2022351640	COBRA BEHEER B.V.	2022358500	DRAGONFLY THERAPEUTICS, INC.
2022351643	PASTORAL GREENHOUSE GAS RESEARCH LIMITED; RENNISON, D.	2022358543	MANITOU BF
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2022351933	GODAVARI BIOREFINERIES LIMITED	2022359242	S&C ELECTRIC COMPANY
2022351959	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2022359275	LASHIFY, INC.
2022351965	OWENS-BROCKWAY GLASS CONTAINER INC.	2022359289	AMGEN INC.
2022352114	FLOWSERVE PTE. LTD.	2022359295	BL TECHNOLOGIES, INC.
2022352126	KABUSHIKI KAISHA TOSHIBA; TOSHIBA INFRASTRUCTURE SYSTEMS & SOLUTIONS CORPORATION	2022359537	INNOVO THERAPEUTICS INC.
2022352462	COBRA BEHEER B.V.	2022359596	BL TECHNOLOGIES, INC.
2022352477	NATIONAL UNIVERSITY OF SINGAPORE; NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE. LTD.	2022359691	HUSQVARNA AB
2022352478	NATIONAL UNIVERSITY OF SINGAPORE; NATIONAL UNIVERSITY HOSPITAL (SINGAPORE) PTE LTD	2022359717	AMGEN INC.
2022352530	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.	2022359814	INTERNATIONAL N&H DENMARK APS
2022352577	FLOWSERVE PTE. LTD.	2022359853	VALMONT INDUSTRIES, INC.
2022352647	TREACE MEDICAL CONCEPTS, INC.	2022359887	PEPSICO, INC.
2022352706	JOHN ENGINE SPORTS PRODUCTS INC	2022360062	EDGEWELL PERSONAL CARE BRANDS, LLC
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2022352997	PAIRWISE PLANTS SERVICES, INC.	2022360261	ELICIT PLANT
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2022353143	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2022360396	KOCH AGRONOMIC SERVICES, LLC
2022353171	ALBUFERA ENERGY STORAGE, S.L.	2022360496	ODFJELL TECHNOLOGY INVEST LTD
2022353189	SEECCHANGE TECHNOLOGIES LIMITED	2022360839	EOS ENERGY TECHNOLOGY HOLDINGS, LLC
2022353195	PRIVITAR LIMITED	2022361055	AERIE PHARMACEUTICALS, INC.
2022353233	RESMED ASIA PTE. LTD.	2022361199	CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC
2022353466	LONGI SOLAR TECHNOLOGY (TAIZHOU) CO., LTD.	2022361231	BL TECHNOLOGIES, INC.
2022353474	KAWASAKI JUKOGYO KABUSHIKI KAISHA	2022361252	PRG S&TECH INC.
2022353498	ADEKA CORPORATION	2022361457	UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION, INC.; ALLIANCE FOR SUSTAINABLE ENERGY, LLC
2022353890	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.; SUNCADIA PHARMACEUTICALS CO., LTD	2022361513	KEISER CORPORATION
2022353971	MEISLER, I.	2022361755	PFIZER INC.
2022353983	GRACO MINNESOTA INC.	2022361827	YOSHINO GYPSUM CO., LTD.
2022354142	UNIVERSIDAD DE ALMERÍA	2022361984	FRITO-LAY NORTH AMERICA, INC.
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2022354152	MANITOU BF	2022363404	PAIGE.AI, INC.
2022354251	ZEVRA DENMARK A/S	2022364034	SYNGENTA CROP PROTECTION AG
2022354297	RAMOT AT TEL-AVIV UNIVERSITY LTD.	2022364154	AMGEN RESEARCH (MUNICH) GMBH
2022354314	NEWSOUTH INNOVATIONS PTY LIMITED	2022364236	MAGENTA MEDICAL LTD
2022354321	REPARE THERAPEUTICS INC.	2022364293	KETER HOME AND GARDEN PRODUCTS LTD.
2022354705	RESMED PTY LTD	2022365329	TOMRA SORTING GMBH
2022354825	GC CORPORATION	2022365384	PURAC BIOCHEM B.V.
2022354887	PTC THERAPEUTICS, INC.	2022365423	ACTIMED THERAPEUTICS LTD
2022354944	REFLOW MEDICAL, INC.	2022366142	CASALE SA
		2022366515	TAIHO PHARMACEUTICAL CO., LTD.
		2022366882	BAYLOR UNIVERSITY
		2022367166	NAUTILUS SUBSIDIARY, INC.

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2022367865	SAIPEM S.A.	2022387887	ALCON INC.
2022368094	TOKUYAMA CORPORATION	2022388600	TETRA LAVAL HOLDINGS & FINANCE S.A.
2022368855	CODEXIS, INC.	2022388644	PHAIDRA INC.
2022368915	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2022388786	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022368938	HUMMINGBIRD DIAGNOSTICS GMBH	2022388853	ALCON INC.
2022369917	CURVEBEAM, LLC	2022389175	BOSTON SCIENTIFIC SCIMED INC.
2022369997	EGG MEDICAL, INC.	2022390016	BOSTON SCIENTIFIC SCIMED INC.
2022370205	RHEEM MANUFACTURING COMPANY	2022390146	BOSTON SCIENTIFIC SCIMED INC.
2022370215	AMERICAN STERILIZER COMPANY	2022390854	E INK CORPORATION
2022370227	BLENDET INC.	2022392808	ALCON INC.
2022370288	INSTITUT NATIONAL DE RECHERCHE EN INFORM- ATIQUE ET EN AUTOMATIQUE	2022394648	BEIJING HONGHUI MEDITECH CO., LTD.
2022370428	POMETON SPA	2022394739	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2022371162	UNIVERSITY OF ROCHESTER	2022396084	THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO
2022371411	ADCO PRODUCTS, LLC	2022396290	AMGEN INC.
2022371445	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2022397507	SIKA TECHNOLOGY AG
2022371958	BRITA SE	2022397745	BYD COMPANY LIMITED
2022372233	CQMS PTY LTD	2022398227	AIRBORNE SYSTEMS NA INC.
2022372260	SYNGENTA CROP PROTECTION AG	2022399686	BYD COMPANY LIMITED
2022372262	SYNGENTA CROP PROTECTION AG	2022399888	ZURIMED TECHNOLOGIES AG
2022372644	HOGESCHOOL GENT	2022401145	CALIX LTD
2022373480	STERILE STATE, LLC	2022401899	BYD COMPANY LIMITED
2022373846	SHELL INTERNATIONALE RESEARCH MAATSCHAP- PIJ B.V.	2022402577	HITACHI, LTD.
2022373971	MEREO BIOPHARMA 4 LIMITED; THE UNITED STATES OF AMERICA AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HU- MAN SERVICES	2022402802	BYD COMPANY LIMITED
2022374092	EOBIOTIX SA	2022404630	CONSTRUCTION RESEARCH & TECHNOLOGY GMBH
2022374462	CALDERA HEAT BATTERIES LIMITED	2022405636	SYNGENTA CROP PROTECTION AG
2022374528	WESSEX INTERNATIONAL MACHINERY	2022405894	CULLERTON, M.; CHARLES, T.
2022375618	BOSTON SCIENTIFIC SCIMED INC.	2022406371	BYD COMPANY LIMITED
2022375759	PAIGE.AI, INC.	2022411259	BYD COMPANY LIMITED
2022376150	RAYTHEON COMPANY	2022416995	K F GROUP PTY LTD
2022376404	ACUMED LLC	2022416998	NEWCREST MINING LIMITED
2022377078	VERTEX PHARMACEUTICALS INCORPORATED	2022419837	BYD COMPANY LIMITED
2022377184	S&C ELECTRIC COMPANY	2022422952	BYD COMPANY LIMITED
2022377265	HALLIBURTON ENERGY SERVICES, INC.	2022422953	BYD COMPANY LIMITED
2022377284	GV SOLUTIONS LLC	2022424063	BYD COMPANY LIMITED
2022377323	CHEVRON U.S.A. INC.	2022424196	NAYAX LTD.
2022377342	ACUMED LLC	2022424949	BYD COMPANY LIMITED
2022377516	KOMATSU LTD.	2022426552	BYD COMPANY LIMITED
2022377626	MODERN MEADOW, INC.	2022426559	BYD COMPANY LIMITED
2022378133	BYD COMPANY LIMITED	2022427452	BYD COMPANY LIMITED
2022378620	REFLEX MARINE LTD	2022427543	BYD COMPANY LIMITED
2022378986	KINGSWAY ENTERPRISES (UK) LIMITED	2022428445	BYD COMPANY LIMITED
2022379302	LG ELECTRONICS INC.	2022428746	ALCHEMEDIKINE, INC.
2022379353	LG ELECTRONICS INC.	2022428975	BYD COMPANY LIMITED
2022379488	RAYTHEON COMPANY	2022429315	BYD COMPANY LIMITED
2022379897	SYNGENTA CROP PROTECTION AG	2022429329	HALLIBURTON ENERGY SERVICES, INC.
2022379985	ELI LILLY AND COMPANY	2022429722	BYD COMPANY LIMITED
2022380036	JFE STEEL CORPORATION	2022431476	ABUS AUGUST BREMICKER SÖHNE KG
2022380085	ALCON INC.	2022437425	CJ CHEILJEDANG CORPORATION
2022380584	MASONITE CORPORATION	2022441959	IHI CORPORATION
2022380707	TUSIMPLE, INC.	2022459562	SEKISUI HOUSE, LTD.
2022381908	DONOVAN GROUP HOLDINGS LIMITED	2023209797	ANGILLEY, M.I.
2022382644	TROTTER, V.D.	2023221234	SCRUB DADDY, INC.
2022382741	AMGEN INC.	2023234353	BULLFROG INTERNATIONAL, LC
2022383746	URTESTE S.A.	2023246920	ARMACELL ENTERPRISE GMBH & CO. KG
2022384357	BYD COMPANY LIMITED	2023268958	ARVOS LJUNGSTROM LLC
2022384509	HILTI AKTIENGESELLSCHAFT	2023282124	FORTY FIRST FLOOR PTY LTD
2022386575	VELVETCH LLC	2023303693	CHINA COAL TECHNOLOGY & ENGINEERING GROUP SHENYANG ENGINEERING COMPANY
2022386718	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.	2023309887	TSK LABORATORY, JAPAN
2022386719	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
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2022387278	NEOLIXIR LIMITED		
2022387407	LANDIS+GYR TECHNOLOGY, INC.		
2022387852	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
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	2022348588	2022351933	<u>A61N 5 /-</u>	2022428746	2022394648
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<u>B01D 65 /-</u>	<u>B25B 15 /-</u>	2022348007	2022427543	2023209797	<u>B65G 43 /-</u>
2022342360	2022352647	<u>B32B 27 /-</u>	<u>B60N 2 /-</u>	<u>B65B 29 /-</u>	2022352126
2022342651	<u>B25H 3 /-</u>	2022348007	2022339607	2022394739	2022416995
<u>B01D 67 /-</u>	2022364293	<u>B32B 29 /-</u>	2022343901	<u>B65B 35 /-</u>	<u>B65G 47 /-</u>
2022350500	<u>B25J 11 /-</u>	2022427452	<u>B60R 1 /-</u>	2023209797	2023209797
<u>B01D 7 /-</u>	2022345507	<u>B32B 7 /-</u>	<u>B60R 16 /-</u>	<u>B65B 51 /-</u>	<u>B65G 49 /-</u>
2022333983	2023209797	2022348007	2021470379	2022394739	2023209797
<u>B01F 21 /-</u>	<u>B25J 13 /-</u>	<u>B33Y 30 /-</u>	<u>B60R 7 /-</u>	<u>B65B 55 /-</u>	<u>B65G 67 /-</u>
2022344991	2022364293	2022336402	2022353971	2022373480	2022349689
<u>B01J 19 /-</u>	<u>B25J 15 /-</u>	<u>B41F 13 /-</u>	<u>B60T 13 /-</u>	<u>B65D 17 /-</u>	<u>B66C 1 /-</u>
2022345863	2022348822	2022334659	2022384357	2022339413	2022342086
2022350071	2023209797	<u>B60G 15 /-</u>	<u>B60T 8 /-</u>	<u>B65D 21 /-</u>	<u>B66C 13 /-</u>
<u>B01J 29 /-</u>	<u>B25J 5 /-</u>	2022426559	2022339413	2022339413	2022342086
2022355967	2022349689	<u>B61B 13 /-</u>	<u>B65D 41 /-</u>	2022388600	<u>B66C 15 /-</u>
<u>B01J 3 /-</u>	<u>B25J 9 /-</u>	<u>B60G 17 /-</u>	2022346281	<u>B61L 27 /-</u>	2022342086
2022335155	2022345507	2022426552	2022346281	2022402577	<u>B66C 23 /-</u>
<u>B01J 8 /-</u>	2022348822				2022342086
2022359295	2022349689				
2022359596	2023209797				

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

<u>B66D 1 /-</u>	<u>C03C 17 /-</u>		2022345008		
2022342086	2022349895	<u>C07C 327 /-</u>	2022361055	<u>C07K 14 /-</u>	<u>C08H 99 /-</u>
	2022351965	2022396084	2022428746	2021467228	2022354142
<u>B66F 9 /-</u>				2021467463	
2021470379	<u>C04B 22 /-</u>	<u>C07C 59 /-</u>	<u>C07D 413 /-</u>	2022328756	<u>C08J 5 /-</u>
2021470385	2022368094	2022343029	2022333115	2022329630	2022346871
2022354152			2022354251	2022329857	
2022358543	<u>C04B 26 /-</u>	<u>C07C 69 /-</u>	2022428746	2022330351	<u>C08J 9 /-</u>
				2022331262	
<u>B82Y 15 /-</u>	2022384509	2022343029	<u>C07D 417 /-</u>	2022331610	2022351618
2022335155	2022397507			2022332276	2022367865
		<u>C07D 209 /-</u>	2022345008	2022334467	
<u>B82Y 5 /-</u>	<u>C04B 40 /-</u>	2022331645	2022345092	2022334711	<u>C08K 3 /-</u>
2022351617	2022384509	2022334637	2022354321	2022334714	2022350500
	2022404630	2022335547	2022361055	2022345079	
				2022345264	<u>C08K 5 /-</u>
<u>C01B 21 /-</u>	<u>C05C 3 /-</u>	<u>C07D 237 /-</u>		2022346034	2022350500
2022361984	2022360396	2022345008	2022335547	2022346234	2022397507
				2022347161	
<u>C01B 3 /-</u>	<u>C05C 9 /-</u>	<u>C07D 239 /-</u>		2022347445	<u>C08K 7 /-</u>
2022331949	2022360396	2022349569	2022330231	2022348588	2022341122
2022337365		2022379985	2022334530	2022349649	
2022337366	<u>C05D 1 /-</u>		2022348784	2022351617	<u>C08L 1 /-</u>
2022340635	2022351601	<u>C07D 257 /-</u>	2022349569	2022352997	2022354142
			2022350240	2022355201	
<u>C01B 32 /-</u>	<u>C05D 3 /-</u>	2022372262	2022354321	2022362681	
2022350071	2022351601	<u>C07D 295 /-</u>	2022361055		<u>C07K 16 /-</u>
			2022364034	2021467228	<u>C08L 101 /-</u>
<u>C01B 33 /-</u>	<u>C05D 5 /-</u>	2022396084		2022330219	2022350500
2022368094	2022351601	<u>C07D 307 /-</u>	2022330231	2022331262	
			2022351643	2022331414	<u>C08L 39 /-</u>
<u>C01D 15 /-</u>	<u>C05D 9 /-</u>	2022334637	2022361055	2022331610	2022350500
2022401145	2022351601	2022359537		2022331786	
		<u>C07D 333 /-</u>	2022350669	2022333073	<u>C08L 49 /-</u>
<u>C02F 1 /-</u>	<u>C05G 1 /-</u>	2022353123		2022341822	2021464941
2022344991	2022351601	<u>C07D 339 /-</u>	<u>C07D 493 /-</u>	2022344418	<u>C08L 63 /-</u>
2022348421				2022345098	
2022359295	<u>C05G 3 /-</u>	2022347098	<u>C07D 495 /-</u>	2022346446	<u>C08L 75 /-</u>
2022359596	2022351601	<u>C07D 401 /-</u>	2022333115	2022346447	2022341122
2022361231	2022360396			2022347172	2022377626
		2022328466	<u>C07D 513 /-</u>	2022347501	
<u>C02F 103 /-</u>	<u>C05G 5 /-</u>	2022331645		2022348521	<u>C08L 89 /-</u>
2022344991	2022351601	2022333115	2022361252	2022353890	2022341122
2022344992	2022360396	2022334530		2022358500	
<u>C02F 11 /-</u>		2022335547	<u>C07F 5 /-</u>	2022364154	<u>C08L 97 /-</u>
2022346916	<u>C07C 237 /-</u>	2022345008	2022428746		2022354142
		2022349569		<u>C07K 5 /-</u>	
<u>C02F 3 /-</u>	2022396084	2022361055		2022348490	<u>C08L 99 /-</u>
2022342651	<u>C07C 275 /-</u>	2022372260	<u>C07G 1 /-</u>		2022354142
		<u>C07D 403 /-</u>		<u>C07K 7 /-</u>	
<u>C03B 25 /-</u>	2022396084	2022328466	2022342374	2022337260	<u>C09D 161 /-</u>
2022335155	<u>C07C 29 /-</u>	2022331645			2022341122
		2022334530	<u>C07H 21 /-</u>	<u>C08F 138 /-</u>	
<u>C03B 29 /-</u>	2022331949	2022345008	2022355198	2021464941	<u>C09D 5 /-</u>
2022335155	<u>C07C 307 /-</u>	2022349569	<u>C07J 7 /-</u>		2022371411
		2022361055		<u>C08G 18 /-</u>	
<u>C03B 33 /-</u>	2022347098	2022372260	2022343029	2022371411	<u>C09J 11 /-</u>
2022335155	<u>C07C 323 /-</u>	<u>C07D 405 /-</u>			2022341122
			2022345863	<u>C08H 8 /-</u>	
	2022396084	2022333115	2022346034	2022354142	

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<u>C09J 163 /-</u>	2022373846	2022341881	<u>D21F 11 /-</u>	<u>E05B 67 /-</u>
2022341122	<u>C10L 5 /-</u>	2022347445	<u>C22B 11 /-</u>	2022431476
<u>C09J 175 /-</u>	2022344865	2022348588	2022416998	2021463029
2022341122	2022346443	2022351386	<u>D21F 9 /-</u>	<u>E05B 81 /-</u>
<u>C09J 4 /-</u>	<u>C11B 1 /-</u>	2022353890	2021463029	2022428975
2022384509	2022437425	2022371162	<u>D21H 17 /-</u>	<u>E05B 85 /-</u>
<u>C09K 3 /-</u>	<u>C11B 3 /-</u>	2022377078	2021463029	2022401899
2022371411	2022437425	2022396084	<u>D21H 23 /-</u>	2022428975
<u>C09K 8 /-</u>	<u>C12H 3 /-</u>	<u>C12N 7 /-</u>	<u>D22B 26 /-</u>	<u>E05D 15 /-</u>
2022377265	2022342387	2022329630	2022401145	2022357578
<u>C10B 53 /-</u>	<u>C12M 1 /-</u>	2022329857	<u>C22B 3 /-</u>	2022405894
2022368915	2022351688	<u>C12N 9 /-</u>	2021463029	<u>E05F 15 /-</u>
2022371445	2022372644	2022328963	<u>E02D 27 /-</u>	2022357578
2022373846	<u>C12M 3 /-</u>	2022329479	2022332562	2022402802
<u>C10B 55 /-</u>	2022351688	2022346446	2022378620	<u>E05G 1 /-</u>
2022344865	<u>C12N 15 /-</u>	2022352997	<u>E02D 5 /-</u>	2022353971
<u>C10B 57 /-</u>	2021467228	2022368855	2022331222	<u>E06B 3 /-</u>
2022344865	2022328341	<u>C12P 19 /-</u>	<u>E02F 9 /-</u>	<u>E06B 5 /-</u>
2022368915	2022328558	2022368855	2022344475	2022380584
2022371445	2022328756	<u>C12P 21 /-</u>	2022361199	<u>E06B 7 /-</u>
2022373846	2022328963	<u>C12P 7 /-</u>	2022372233	2022380584
2022380036	2022329630	2021467228	<u>E03F 3 /-</u>	<u>E06B 10 /-</u>
<u>C10G 1 /-</u>	2022329857	2022331786	2022332704	2022380584
2022368915	2022330351	2022331786	<u>E03F 7 /-</u>	2022380584
2022371445	2022331786	2022437425	2022332704	<u>E21B 15 /-</u>
2022373846	2022332276	<u>C12Q 1 /-</u>	<u>E04B 1 /-</u>	2022333534
<u>C10G 11 /-</u>	2022334711	2021460811	2022381908	2022360081
2022355967	2022334714	2021464941	<u>E04B 2 /-</u>	2022345101
<u>C10G 2 /-</u>	2022337260	2022328341	2022361827	2022345101
2022331949	2022337960	2022328558	<u>E04C 2 /-</u>	2022345101
<u>C10G 3 /-</u>	2022341822	2022329276	2022361827	<u>E21B 21 /-</u>
2022368915	2022341881	2022341520	<u>E04C 3 /-</u>	2022298656
2022371445	2022343029	2022341881	2022381908	<u>E21B 23 /-</u>
2022373846	2022345079	2022349459	<u>E04F 13 /-</u>	2022360496
<u>C10G 47 /-</u>	2022345098	2022354149	2022345473	<u>E21B 33 /-</u>
2022355967	2022346048	2022357497	<u>E04G 21 /-</u>	2022298656
<u>C10K 1 /-</u>	2022346234	2022368938	2022459562	2022356099
2022331949	2022346446	2022405636	<u>E04H 4 /-</u>	2022377265
<u>C10K 3 /-</u>	2022347161	<u>C21B 5 /-</u>	2022344992	<u>E21B 41 /-</u>
2022368915	2022348141	2022350071	2022370205	2022333534
2022371445	2022348935	<u>C30B 29 /-</u>	2023234353	2022378620
2022373846	2022349065	2022350071	<u>E05B 47 /-</u>	2022429329
<u>C10G 47 /-</u>	2022349096	<u>C30B 30 /-</u>	2021323983	<u>E21B 43 /-</u>
2022355967	2022349649	2022350071	2022351158	2022377265
<u>C10K 1 /-</u>	2022351617	<u>C21B 7 /-</u>	2022431476	
2022331949	2022352997	2022337366		
<u>C10K 3 /-</u>	2022353890	2022344865		
2022331949	2022354297	<u>C21D 8 /-</u>		
2022340635	2022355198	2022337366		
<u>C10L 1 /-</u>	2022357497	<u>C22B 1 /-</u>		
2022368915	2022358500	2022344865		
2022371445	2022359289	2022346443		
	2022362681	2022401145		
	2022368938	2022416998		
	2022396084			
	<u>C12N 5 /-</u>			
	2021467228			
	2022336679			

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<u>E21B 44 /-</u>	<u>F16D 43 /-</u>	<u>F16L 9 /-</u>	<u>F24F 140 /-</u>	<u>F28D 20 /-</u>	<u>G01K 13 /-</u>
2022345101	2022359691	2022346281	2022357654	2022374462	2022351351
<u>E21B 47 /-</u>	<u>F16D 65 /-</u>	<u>F16M 11 /-</u>	<u>F24F 8 /-</u>	<u>F28D 21 /-</u>	<u>G01L 1 /-</u>
2022333534 2022429329	2022331636 2022344861	2022339607	2022329458	2022348959	2022344861 2022396290 2022416995
<u>E21B 7 /-</u>	<u>F16D 66 /-</u>	<u>F16N 11 /-</u>	<u>F24H 1 /-</u>	<u>F28D 7 /-</u>	<u>G01L 19 /-</u>
2022333534 2022348489 2022360081	2022344861	2022353983	2022370205	2022374462	2022351351
<u>E21C 25 /-</u>	<u>F16D 69 /-</u>	<u>F16N 13 /-</u>	<u>F24H 15 /-</u>	<u>F28D 9 /-</u>	<u>G01M 11 /-</u>
2022333534	2022344861	2022342353	2022370205	2022388853	2022332704
<u>E21D 20 /-</u>	<u>F16F 9 /-</u>	<u>F16N 25 /-</u>	<u>F24H 4 /-</u>	<u>F28F 3 /-</u>	<u>G01M 3 /-</u>
2022331222 2022384509	2022339607 2022426552 2022429315	2022353983	2022370205	2022388853	2022332704
<u>F01K 11 /-</u>	<u>F16H 25 /-</u>	<u>F16N 27 /-</u>	<u>F24S 40 /-</u>	<u>F28F 9 /-</u>	<u>G01M 99 /-</u>
2021467491	2022349365	2022353983	2022345507	2022388853 2023268958	2022332704 2022396290
<u>F01K 25 /-</u>	<u>F16K 1 /-</u>	<u>F16N 7 /-</u>	<u>F24T 10 /-</u>	<u>F41C 33 /-</u>	<u>G01N 1 /-</u>
2021467491 2022348959	2022349343 2022351537 2022352114	2022353983	2022348959	2022353971	2022336679
<u>F01K 27 /-</u>	<u>F16K 17 /-</u>	<u>F17C 13 /-</u>	<u>F24V 30 /-</u>	<u>G01B 11 /-</u>	<u>G01N 15 /-</u>
2022348959	2022349343 2022351537 2022352114 2022352577	2022332704	2022333565 2022337365 2022337477	2022346916 2022348454	2022346916 2022348454 2022354314 2022372644
<u>F02B 63 /-</u>	<u>F16K 25 /-</u>	<u>F22B 1 /-</u>	<u>F25B 49 /-</u>	<u>G01B 17 /-</u>	<u>G01N 17 /-</u>
2022346440	2022351537	2022333565	2022357654	2022416995	2022366142
<u>F02B 75 /-</u>	<u>F16K 27 /-</u>	<u>F22B 35 /-</u>	<u>F25B 6 /-</u>	<u>G01B 5 /-</u>	<u>G01N 21 /-</u>
2022346440	2022349344	2021463486 2022344519	2022357654	2022344861 2022377342	2021464941 2022329479 2022335155 2022354314 2022372644 2023303693
<u>F03B 17 /-</u>	<u>F16K 31 /-</u>	<u>F22B 37 /-</u>	<u>F25J 1 /-</u>	<u>G01B 7 /-</u>	<u>G01C 21 /-</u>
2021467491	2022349344	2021463660	2022335741	2022416995	2022330049 2022380707
<u>F03G 7 /-</u>	<u>F16K 37 /-</u>	<u>F23C 10 /-</u>	<u>F27B 1 /-</u>	<u>G01D 11 /-</u>	<u>G01N 23 /-</u>
2022342360	2022349343 2022351537 2022352114 2022352577	2021463486 2022344519	2022401145	2022416995	2022354314
<u>F04D 17 /-</u>	<u>F16K 41 /-</u>	<u>F23N 5 /-</u>	<u>F27B 11 /-</u>	<u>G01D 21 /-</u>	<u>G01N 24 /-</u>
2022334928	2022349344	2021463486 2022344519	2022370428	2022348974 2022351351	2022335155
<u>F15B 1 /-</u>	<u>F16K 49 /-</u>	<u>F24F 1 /-</u>	<u>F27D 13 /-</u>	<u>G01F 1 /-</u>	<u>G01N 27 /-</u>
2022344475 2022426552	2022349343 2022351537 2022352577	2022329458	2022401145	2022351351	2022366142
<u>F16B 19 /-</u>	<u>F16L 3 /-</u>	<u>F24F 11 /-</u>	<u>F27D 17 /-</u>	<u>G01F 15 /-</u>	<u>G01N 29 /-</u>
2022359242	2022349343 2022351537 2022352577	2022329458 2022357654	2022401145	2022351351	2021467426 2022416995
<u>F16B 21 /-</u>	<u>F16L 3 /-</u>	<u>F24F 110 /-</u>	<u>F27D 99 /-</u>	<u>G01F 22 /-</u>	<u>G01N 30 /-</u>
2022359242	2022349344	2022329458	2022348830	2022348454	2023303693
<u>F16B 5 /-</u>	<u>F16L 3 /-</u>	<u>F24F 130 /-</u>	<u>F28D 19 /-</u>	<u>G01F 25 /-</u>	
2022359242	2023246920	2022329458	2023268958	2022348454	
		2022329458		2022348454	

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<u>G01N 33 /-</u>	<u>G02F 1 /-</u>	<u>G06K 19 /-</u>	<u>G06V 10 /-</u>	<u>G16H 50 /-</u>	<u>H01Q 3 /-</u>
2021464941	2022390854	2022330705	2022335152	2022345001	2022346181
2021467228		2022357418	2022348367	2022350496	
2022329479	<u>G05B 13 /-</u>		2022353189	2022358472	<u>H02B 1 /-</u>
2022335155		<u>G06N 10 /-</u>	2022363404	2022375759	2022422952
2022336703	2022332704				
2022341881		2022370288	<u>G06V 20 /-</u>	<u>G21B 1 /-</u>	<u>H02H 3 /-</u>
2022346688	<u>G05B 15 /-</u>		2022353189	2022334316	2022377184
2022350847		<u>G06N 20 /-</u>	2022363404		
2022356333	2022332704			<u>G21D 5 /-</u>	<u>H02J 3 /-</u>
2022372644		2022348367		2022334316	2022346440
2022383746	<u>G05B 19 /-</u>	2022375759	<u>G06V 30 /-</u>		2022350436
		2022388644		2022334316	2022441959
<u>G01N 35 /-</u>	2022332704		2022348367		
	<u>G05B 23 /-</u>	<u>G06N 3 /-</u>		<u>G21D 7 /-</u>	
2022348454			<u>G07C 9 /-</u>	2022334316	<u>H02J 50 /-</u>
	2022332704	2022348742	2021323983		2022351158
<u>G01N 7 /-</u>		2022355071		<u>G21G 1 /-</u>	
	<u>G05B 9 /-</u>	2022366882	<u>G07F 15 /-</u>	2022333983	<u>H02J 7 /-</u>
20223303693		2022376150		2022333983	2022351158
	2022332704	2022379488	2022356340		2022419837
<u>G01R 19 /-</u>		2022388644		<u>H01J 37 /-</u>	2022422953
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2022377184				2022386575	
2022387407	2022351351	2022332704			
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		2022388644	2022350847		
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2022366882		2022402577	<u>G16B 35 /-</u>	<u>H01M 12 /-</u>	<u>H03K 19 /-</u>
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 B29C 64/10 (2017.01)
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F16L 57/06 (2006.01)
B65G 53/52 (2006.01)
F15D 1/02 (2006.01)
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A61N 1/04 (2006.01)
A61K 9/00 (2006.01)
A61K 9/70 (2006.01)
G01N 9/24 (2006.01)
G01N 9/36 (2006.01)
G01N 21/00 (2006.01)
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A23G 3/02 (2006.01)
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A61K 31/553 (2006.01)
C07D 513/10 (2006.01)
C07D 513/20 (2006.01)
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C07D 519/00 (2006.01)
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F16L 13/00 (2006.01)
B21D 39/04 (2006.01)
B30B 7/00 (2006.01)
F16J 15/12 (2006.01)
F16L 13/14 (2006.01)
F16L 23/024 (2006.01)

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G06T 7/00 (2017.01)
F42D 1/045 (2006.01)
F42D 3/04 (2006.01)
G06T 7/11 (2017.01)
G06T 7/62 (2017.01)
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A62C 2/06 (2006.01)
G01S 1/68 (2006.01)
E04B 1/94 (2006.01)
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H02S 50/10 (2014.01)
H02S 50/00 (2014.01)
H02S 50/15 (2014.01)
H02J 7/35 (2006.01)
H02S 40/30 (2014.01)
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H04N 19/50 (2014.01)
H04N 19/11 (2014.01)
H04N 19/159 (2014.01)
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G01N 33/68 (2006.01)
C12Q 1/68 (2018.01)
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A61P 35/00 (2006.01)
C07D 239/94 (2006.01)
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H04W 72/04 (2009.01)
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H04W 72/04 (2009.01)
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A61K 31/7076 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/7072 (2006.01)
A61K 47/20 (2006.01)
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A61P 35/00 (2006.01)
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B65G 15/10 (2006.01)
B65G 15/30 (2006.01)

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A47G 29/14 (2006.01)
A47G 29/122 (2006.01)
A47G 29/124 (2006.01)
A47G 29/20 (2006.01)
B64D 1/12 (2006.01)
B64F 1/32 (2006.01)
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H01M 50/249 (2021.01)
B60L 50/64 (2019.01)
B60L 58/18 (2019.01)
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B65G 1/04 (2006.01)
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B65G 1/04 (2006.01)

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H02H 7/26 (2006.01)
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C07K 14/47 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)
A61P 35/00 (2006.01)
C07K 7/06 (2006.01)
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A61P 3/00 (2006.01)
A61P 7/06 (2006.01)
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C12Q 1/6844 (2018.01)
B01L 3/00 (2006.01)
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B65D 19/04 (2006.01)
B29C 45/00 (2006.01)
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B01D 65/10 (2006.01)
G01M 3/02 (2006.01)
G01N 15/08 (2006.01)
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B63B 1/32 (2006.01)
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C07K 14/005 (2006.01)
A61K 39/02 (2006.01)
A61P 1/00 (2006.01)
A61P 31/00 (2006.01)
A61P 31/04 (2006.01)
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A61K 31/167 (2006.01)
A61K 31/5415 (2006.01)
A61P 1/02 (2006.01)
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G06Q 20/32 (2012.01)
G06F 21/31 (2013.01)
G06Q 20/40 (2012.01)
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A61P 31/04 (2006.01)
C07K 16/12 (2006.01)
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A61K 31/11 (2006.01)
A61K 31/203 (2006.01)
A61P 17/08 (2006.01)
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C08K 3/22 (2006.01)
H01M 10/60 (2014.01)
H01M 10/613 (2014.01)
H01M 10/625 (2014.01)
H01M 10/653 (2014.01)
H05K 1/02 (2006.01)
H05K 3/28 (2006.01)
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C09D 17/00 (2006.01)
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A61K 31/502 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
C07D 401/04 (2006.01)
C07D 403/04 (2006.01)
C07D 403/14 (2006.01)
C07D 417/04 (2006.01)
C07D 471/04 (2006.01)
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 (54) Agricultural trench depth sensing systems, methods, and apparatus
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A01C 5/00 (2006.01)
A01B 71/02 (2006.01)
A01B 79/00 (2006.01)
A01B 79/02 (2006.01)
G01B 21/18 (2006.01)
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 (51) Int. Cl.
A01C 5/00 (2006.01)
A01B 71/02 (2006.01)
A01B 79/00 (2006.01)
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A23C 21/02 (2006.01)
C07H 1/06 (2006.01)
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C12N 15/113 (2010.01)
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A61K 31/4045 (2006.01)
A61K 31/675 (2006.01)
B01D 11/02 (2006.01)
C07D 209/16 (2006.01)

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A61K 31/00 (2006.01)
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 (74) Zone Patents Limited

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C04B 24/08 (2006.01)

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H04W 72/04 (2009.01)
H04W 4/40 (2018.01)
H04W 64/00 (2009.01)
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H02J 3/30 (2006.01)
H02P 25/062 (2016.01)
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A01B 51/02 (2006.01)
A01B 3/50 (2006.01)
A01B 5/16 (2006.01)
A01B 35/32 (2006.01)
A01B 39/06 (2006.01)
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C10L 1/08 (2006.01)
C10L 1/19 (2006.01)
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G06N 99/00 (2019.01)
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H02G 11/00 (2006.01)
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H05K 7/14 (2006.01)
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A61M 5/19 (2006.01)
A61M 5/36 (2006.01)
G16H 20/17 (2018.01)
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H01L 31/0216 (2014.01)
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A61K 49/00 (2006.01)
A61K 49/04 (2006.01)
A61K 51/04 (2006.01)
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A61P 35/00 (2006.01)
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E04G 21/04 (2006.01)
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(43) 23.12.2021
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(72) LIECHTI, Matthias Emanuel; VIZELI, Patrick Raphael
(74) FPA Patent Attorneys Pty Ltd

Universite Claude Bernard Lyon 1 see NH TherAguix
(21) 2018296426

University of Kansas see ConocoPhillips Company
(21) 2022221461

University of Lausanne see Centro de Inmunologia Molecular
(21) 2020242520

University of Rijeka Faculty of Medicine see Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
(21) 2017228055

(71) Vermeer Manufacturing Company
(11) AU-B-2022204640
(21) 2022204640 **(22)** 29.06.2022
(54) Additive dosing assemblies and hydro excavation vacuum apparatus incorporating same
(51) Int. Cl.
E02F 3/88 (2006.01)
B01F 33/501 (2022.01)
E02F 3/90 (2006.01)
E02F 3/92 (2006.01)
E02F 3/94 (2006.01)
E02F 9/20 (2006.01)
E02F 9/26 (2006.01)
F04B 15/02 (2006.01)
F04B 23/02 (2006.01)
F04B 23/04 (2006.01)
F04B 43/12 (2006.01)
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(72) Keeley, Jacob; Meyer, Nathan
(74) FPA Patent Attorneys Pty Ltd

(71) Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs
(11) AU-B-2022204217
(21) 2022204217 **(22)** 16.06.2022
(54) Compositions comprising 5-cholesten-3, 25-diol, 3-sulfate (25hc3s) or pharmaceutically acceptable salt thereof and at least one cyclic oligosaccharide
(51) Int. Cl.
C07J 31/00 (2006.01)
C07C 401/00 (2006.01)
(43) 07.07.2022
(44) 04.04.2024
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(74) FB Rice Pty Ltd

(71) Visa International Service Association
(11) AU-B-2022283686
(21) 2022283686 **(22)** 07.12.2022
(54) System and method employing reduced time device processing
(51) Int. Cl.
G06F 21/31 (2013.01)
G06F 21/45 (2013.01)
G06F 21/60 (2013.01)
H04L 9/32 (2006.01)
(43) 02.02.2023
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(72) Hurry, Simon; Clark, Aron; Cleven, Marc
(74) FPA Patent Attorneys Pty Ltd

(71) Vivo Mobile Communication Co., Ltd.
(11) AU-B-2021319645
(21) 2021319645 **(22)** 04.08.2021
(54) Multicast Service Receiving Method, Multicast Service Configuration Method, Terminal, and Network-Side Device
(51) Int. Cl.
H04L 12/28 (2006.01)
(87) WO2022/028463
(31) 202010780254.5 **(32)** 05.08.20 **(33)** CN
(43) 10.02.2022
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(74) Adams Pluck

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(51) Int. Cl.
F03D 13/20 (2016.01)

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(72) WAGNER, Philipp
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

WINKLER und DÜNNEBIER Süßwarenmaschinen GmbH see GELITA AG
(21) 2018251725

(71) WiseTech Global (Licensing) Pty Ltd
(11) AU-B-2022235518
(21) 2022235518 **(22)** 19.09.2022
(54) Methods and systems for creating configurable forms, configuring forms and for form flow and form correlation
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G06F 3/048 (2013.01)
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(72) WHITE, Richard; APPOO, Zubin; SVERDLOV, Mikhail
(74) FB Rice Pty Ltd

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(11) AU-B-2021291576
(21) 2021291576 **(22)** 15.06.2021
(54) Unitary piece dual lock split washer
(51) Int. Cl.
F16B 43/00 (2006.01)
F16L 33/035 (2006.01)
H02G 3/08 (2006.01)
H02G 15/00 (2006.01)
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(43) 23.12.2021
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(74) Integrated IP

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(11) AU-B-2020279256
(21) 2020279256 **(22)** 20.05.2020
(54) Solar power system for vehicles
(51) Int. Cl.
B60K 16/00 (2020.01)
B62D 25/06 (2006.01)
H01L 31/042 (2014.01)
H01L 31/048 (2014.01)
H02S 10/40 (2014.01)
H02S 20/00 (2014.01)
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(72) WRIGHT, Albert Vernon
(74) FB Rice Pty Ltd

Xiamen Innodx Biotech Co., Ltd see Xiamen University
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(71) Xiamen University; Xiamen Innodx Biotech Co., Ltd; Beijing Wantai Biological Pharmacy Enterprise Co., Ltd.
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(21) 2020416358 **(22)** 25.12.2020
(54) POLYPEPTIDE ENCODED BY EB VIRUS BNLF2B GENE AND USE THEREOF IN DETECTION
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C07K 14/435 (2006.01)
C07K 14/00 (2006.01)
G01N 33/569 (2006.01)
G01N 33/574 (2006.01)
G01N 33/68 (2006.01)
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(43) 08.07.2021
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(74) Davies Collison Cave Pty Ltd

Yale University see Cambridge Enterprise Limited
(21) 2022205187

(71) Yanmar Power Technology Co., Ltd.
(11) AU-B-2020351974
(21) 2020351974 **(22)** 15.09.2020
(54) Fish counting system, fish counting method, and program
(51) Int. Cl.
G06M 11/00 (2006.01)
A01K 61/95 (2017.01)
(87) WO2021/060077
(31) 2019-177649 **(32)** 27.09.19 **(33)** JP
(43) 01.04.2021
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(74) Davies Collison Cave Pty Ltd

(71) Yao, J.J.
(11) AU-B-2020218143
(21) 2020218143 **(22)** 06.02.2020
(54) Threaded coupling for percussion drill bit
(51) Int. Cl.
E21B 17/042 (2006.01)
E21B 10/36 (2006.01)
F16B 33/02 (2006.01)
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(31) 16/268,677 **(32)** 06.02.19 **(33)** US
(43) 13.08.2020
(44) 04.04.2024
(72) YAO, James Jing
(74) GLMR

(71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine
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(21) 2017228055 **(22)** 28.02.2017
(54) Antibodies specific to human poliovirus receptor (PVR)
(51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
(87) WO2017/149538
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 62/301,727 01.03.16 US
(43) 08.09.2017
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(72) Mandelboim Ofer; Kaynan, Noa S.; Tsukerman, Pinchas; Jonjic, Stipan
(74) FB Rice Pty Ltd

(71) ZHEJIANG DINGLI MACHINERY CO., LTD.
(11) AU-B-2023200145
(21) 2023200145 **(22)** 12.01.2023
(54) LINEAR ACTUATOR WITH CONTACT TYPE SAFETY NUT, AND AERIAL WORK PLATFORM
(51) Int. Cl.
B66F 17/00 (2006.01)
F16H 25/20 (2006.01)
(31) CN **(32)** 24.09.22 **(33)** CN
 2022111685539
(43) 04.04.2024
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(72) XU, Shugen; XU, Zhong
(74) Remarkable IP

(71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
(11) AU-B-2023200098
(21) 2023200098 **(22)** 09.01.2023
(54) SOLAR CELL AND PHOTOVOLTAIC MODULE
(51) Int. Cl.
H01L 31/0352 (2006.01)
H01L 31/0224 (2006.01)
(31) CN **(32)** 27.06.22 **(33)** CN
 202210745275.2
(43) 18.01.2024
(44) 04.04.2024
(72) ZHANG, Bike; JIN, Jingsheng; ZHANG, Xinyu; CAO, Jingyu; CHENG, Haiyan
(74) AUSTRALASIA IP PTY LTD

ZHEJIANG JINKO SOLAR CO., LTD. see SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.
(21) 2023200164

(71) ZHUHAI UNITED LABORATORIES CO., LTD.
(11) AU-B-2021348707
(21) 2021348707 **(22)** 28.09.2021
(54) CRYSTAL FORM OF PYRIDINYLPHENYL COMPOUND AND PREPARATION METHOD THEREFOR
(51) Int. Cl.
C07D 213/00 (2006.01)
A61K 31/136 (2006.01)
A61P 27/00 (2006.01)
(87) WO2022/063325
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(44) 04.04.2024

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Haiying; HU, Guoping; LI, Jian; CHEN,
Shuhui

(74) Griffith Hack

Zochowski, C. see Midwest Training and
Development Services, LLC

(21) 2019270795

Numerical Index

2016379413	Cour Pharmaceuticals Development Company Inc.	2018296426	NH TherAguix; Universite Claude Bernard Lyon 1; Centre National de la Recherche Scientifique - CNRS -; INSERM (Institut National de la Santé et de la Recherche Médicale); Institut Gustave Roussy
2017213812	Longeveron Inc.	2018297554	IFP Energies nouvelles; Axens; Commissariat a l'Energie Atomique et aux Energies Alternatives; Total Raffinage Chimie; thyssenkrupp Industrial Solutions AG; Avril; Bionext
2017216237	Amgen Research (Munich) GmbH	2018297614	Katholieke Universiteit Leuven
2017220100	Takeda Pharmaceutical Company Limited	2018300758	Smith & Nephew plc
2017221456	The Regents of The University of California	2018301683	The Regents of The University of California
2017222231	Eyeserv GmbH	2018303796	Mast Group Limited
2017228055	Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; University of Rijeka Faculty of Medicine	2018304533	Brintal Limited
2017234192	Amal Therapeutics SA	2018306010	Toray Industries, Inc.
2017258242	Novozymes A/S	2018306141	Cesaro Mac Import S.r.l.
2017261367	The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.	2018306502	Alcon Inc.
2017279683	Caterpillar Underground Mining Pty Ltd	2018314852	Sika Technology AG
2017292934	The Board of Trustees of the Leland Stanford Junior University; Bolt Biotherapeutics, Inc.	2018317492	CARBON REVOLUTION PTY LTD
2017322101	IP Machinery Pty Ltd	2018317802	Evonik Operations GmbH
2017329654	Boehringer Ingelheim Vetmedica GmbH	2018317945	Construction Services Queensland Pty Ltd
2017330062	ProQR Therapeutics II B.V.	2018319344	Cell Receptor AG
2017338353	HuBit Genomix, Inc.; Fuso Pharmaceutical Industries, Ltd.	2018320705	ECP Entwicklungsgesellschaft mbH
2017353361	Macquarie University	2018321819	Evoqua Water Technologies LLC
2017390075	Innovalue B.V.	2018322482	Monash University; The University of Western Australia
2017390677	Hilti Aktiengesellschaft	2018323035	Johnson & Johnson Surgical Vision, Inc.
2017398450	Pumping Solutions Limited	2018326664	Subsea 7 Limited
2017405076	BWAY Corporation	2018329208	Commonwealth Scientific and Industrial Research Organisation
2017420122	ALTERNO LABS d.o.o.	2018330926	Depuy Synthes Products, Inc.
2017420800	Corning Research & Development Corporation	2018333537	SOFIC (Sté Francaise d'Instruments de Chirurgie)
2017421289	Corning Research & Development Corporation	2018335555	CMed Aesthetics S.r.l.
2017421295	Corning Research & Development Corporation	2018340505	PRAGMA Therapeutics
2017426441	Halliburton Energy Services, Inc.	2018341583	Curis Inc.
2017444240	Halliburton Energy Services, Inc.	2018345716	Sundance Spas, Inc.
2017444251	Halliburton Energy Services, Inc.	2018346938	The Board of Trustees of the Leland Stanford Junior University
2018203690	FIORENZATO M.C. SRL	2018347005	ASSA ABLOY Australia Pty Limited
2018210375	Atara Biotherapeutics, Inc.; The Council of the Queensland Institute of Medical Research	2018347251	Allnex Netherlands BV
2018214079	HES-tec B.V.	2018348700	Geobruugg AG
2018220117	Australian Valve Group Pty Ltd	2018353497	Hoya Corporation
2018224319	Dragonfly Therapeutics, Inc.	2018360480	Alcon Inc.
2018231072	Hope Medical Enterprises, Inc. DBA Hope Pharmaceuticals	2018364530	Engico S.R.L.
2018232854	Develco Pharma Schweiz AG	2018366936	Electrolux Appliances Aktiebolag
2018234827	Orca Biosystems Inc.	2018377053	Easternwell Group Investments Pty Ltd
2018236352	Novavax, Inc.	2018382415	Total Marketing Services
2018243407	J.R. Simplot Company	2018382597	NMD Pharma A/S
2018244463	The Board of Regents of the University of Texas System	2018382905	Sensile Medical AG
2018250161	Encoded Therapeutics, Inc.	2018383005	NMD Pharma A/S
2018250331	Carnegie Mellon University	2018383031	Manneschi, A.
2018251725	GELITA AG; WINKLER und DÜNNEBIER Süßwarenmaschinen GmbH	2018385364	Dompe' Farmaceutici S.p.A.
2018255317	Smiths Medical ASD, Inc.	2018385893	Helios Nova B.V.
2018255954	Cipla Limited	2018387304	Pierre Fabre Dermo-Cosmetique
2018256556	Howmedica Osteonics Corp.	2018387580	Imertech SAS
2018260969	Landis & Gyr Pty Ltd	2018389217	Keter Plastic Ltd.; Milwaukee Electric Tool Corporation
2018262342	Atlas Copco Airpower, Naamloze Vennootschap	2018390791	Societe des Produits Nestle S.A.
2018269327	Novozymes A/S	2018400196	Star BP, Inc.
2018272048	Finch Therapeutics Holdings LLC	2018401298	Bukwang Pharmaceutical Co., Ltd.
2018273240	MIVI Neuroscience, Inc.	2018404203	Kimberly-Clark Worldwide, Inc.
2018286627	ABB Schweiz AG	2018410828	Anthony, M.
2018288019	Rite Tech Group Limited	2018422255	NTT DOCOMO, INC.
2018290348	The Board of Trustees of the University of Illinois; Mensah-Nyagan, A.	2018422906	NTT DOCOMO, INC.
2018292807	Elbit Systems Ltd.	2018424859	Corcym S.r.l.
2018293647	Fundación Tecnalia Research & Innovation	2019201010	Frank's International, LLC
2018294185	Wagner, P.	2019201038	The Boeing Company
2018295364	Corning Research & Development Corporation	2019202590	Samsung Electronics Co., Ltd.
		2019205273	Alpine Immune Sciences, Inc.
		2019206351	C.R. Bard, Inc.
		2019206371	C.R. Bard, Inc.

Applications Accepted - Numerical Index cont'd

2019208453	Scinogy Products Pty Ltd	2020218143	Yao, J.J.
2019209231	BASF SE	2020232179	Triumph Aerospace Operations UK, Ltd
2019209323	Children's National Medical Center	2020234722	The Sydney Children's Hospital Network (Randwick and Westmead) (incorporating The Royal Alexandra Hospital for Children); The University of Sydney
2019209477	REG Synthetic Fuels, LLC	2020242520	Centro de Inmunologia Molecular; Ludwig Institute for Cancer Research Ltd; Centre Hospitalier Universitaire Vaudois; University of Lausanne
2019213007	Pathelen Health Care AG	2020259804	Fore Holdings Pty Ltd
2019213438	The Boeing Company	2020269164	Takeda Vaccines, Inc.
2019214252	Københavns Universitet; Otago Innovation Ltd	2020279256	Wright, A.
2019215789	Spring-Grip Wire Strainers Pty Ltd	2020282943	Capital One Services, LLC
2019217730	Sony Corporation	2020291900	Raytheon Company
2019218379	Capstan Ag Systems, Inc.	2020295054	Hitachi, Ltd.
2019221091	PEZ AG	2020301385	Nite Ize, Inc.
2019221107	Montabert S.A.	2020313143	Peking University
2019221849	Svejkovsky, P.	2020332673	Textron Systems Corporation
2019222659	Purdue Research Foundation; Nanovis, LLC	2020351974	Yanmar Power Technology Co., Ltd.
2019223220	Clariant International Ltd	2020355421	Glatt Gesellschaft Mit Beschränkter Haftung
2019225527	Tosho, Inc.	2020357789	Cargotec Finland Oy
2019227269	FLSmith A/S	2020372823	Intercontinental Great Brands LLC
2019227827	FILTEREASY, LLC	2020374954	The University of Florida Research Foundation, Inc.
2019231939	Hosokawa Yoko Co., Ltd.	2020384216	Gilead Sciences, Inc.
2019233643	Industrie de Nora S.p.A.	2020384836	LG ELECTRONICS INC.
2019236234	The Board of Trustees of the Leland Stanford Junior University	2020388522	Becton, Dickinson and Company
2019236578	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.	2020394260	LG Electronics Inc.
2019239797	Eserkine Corporation	2020394461	CERATIZIT Luxembourg S.à.r.l
2019240363	Technion Research and Development Foundation Ltd.	2020401934	LG Electronics Inc.
2019244024	Ajinomoto Co., Inc.	2020402079	Inventio AG
2019244189	Amgen Inc.	2020404865	L&L Candle Company, LLC
2019248729	Becton Dickinson Rowa Germany GmbH	2020416358	Xiamen University; Xiamen Innodx Biotech Co., Ltd; Beijing Wantai Biological Pharmacy Enterprise Co., Ltd.
2019248779	Horsch Maschinen GmbH	2020417294	Cold Jet, LLC
2019249801	Ati Properties LLC	2020418309	LG Electronics Inc.
2019251181	Subsea 7 Limited	2020419367	Shanghai Smartee Denti-Technology Co., Ltd.; Shen, G.; Taikang Bybo Dental Group Co., Ltd.
2019254045	Magellan & Barents, S.L.	2020426492	Park, L.C.
2019255706	Preformed Line Products Co.	2020427144	Shenzhen Ulike Smart Electronics Co. Ltd
2019257116	Jagtech AS	2020427412	AdvanSix Resins & Chemicals LLC
2019259777	Sishen Iron Ore Company (Proprietary) Limited	2020428517	Kuo, T.
2019266929	Societe Des Produits Nestle S.A.	2020432994	Mitsubishi Electric Corporation
2019269479	Paul Hartmann AG	2021200872	Centro de Investigaciones Energeticas, Medioambientales Y Tecnologicas, O.A., M.P.; Fundacion Instituto de Investigacion Sanitaria Fundacion Jimenez Diaz; Consorcio Centro de Investigacion Biomedica en Red, M.P.
2019270795	Midwest Training and Development Services, LLC; Zochowski, C.; Berend, K.	2021203237	Sun Pharmaceutical Industries (Australia) Pty Ltd
2019272771	Hologic, Inc.	2021203288	City of Hope
2019277199	BILSTON, L.; BURKE, P.	2021210170	Ocado Innovation Limited
2019280282	Multy Home LP	2021210206	International Business Machines Corporation
2019285766	Sennics Co., Ltd.	2021211708	J&M Shuler Medical Inc.
2019291307	MedImmune Limited; Fundacio Privada Institut d'Investigacio Oncologica de Vall Hebron; Fundacio Privada Institutio Catalana de Recerca I Estudis Avancats	2021220328	Techtronic Cordless GP
2019291439	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021221828	Buildsafe Equipment Sales Pty Ltd
2019293772	Taiho Pharmaceutical Co., Ltd.	2021222010	Evercast, LLC
2019295576	Imagine Pharma, LLC	2021229984	Shiya Pharmaceutical, Inc
2019302596	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2021232880	Teh Yor Co., Ltd.
2019303374	Sumitomo Chemical Company, Limited	2021232892	AdvanSix Resins & Chemicals LLC
2019306591	Methodical Mind, LLC.	2021238958	International Business Machines Corporation
2019307597	Cisco Technology, Inc.	2021238988	PTT Global Chemical Public Company Limited
2019307745	Ab Initio Technology LLC	2021240230	Pastoral Greenhouse Gas Research Ltd
2019307836	Oxford Nanopore Technologies plc	2021241695	Board of Regents, The University of Texas System
2019314455	ImmunityBio, Inc.	2021244056	oneCureGEN Co., Ltd.
2019325400	Pfizer Inc.	2021246427	Automation Tech, LLC
2019338221	Technische Universität München	2021246963	CMR Surgical Limited
2019346606	Landis+Gyr Technology, Inc.	2021250976	BEYOND AIR LTD
2019349424	The United States of America, as represented by the Secretary, Department of Health and Human Services	2021256364	Mitsubishi Heavy Industries, Ltd.
2019352009	Inventiva	2021257402	Brasilata S/A Embalagens Metálicas
2019359320	Sareum Limited	2021257418	PPG Industries Ohio, Inc.
2019365143	Candiani S.p.A.	2021258056	The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology
2019453690	MGI Tech Co., Ltd.	2021260046	Spyra GmbH
2019476338	ExxonMobil Technology and Engineering Company; FuelCell Energy, Inc.	2021260551	O'Tool, D.
2019479270	Essity Hygiene and Health Aktiebolag		
2020201986	Kellida Inc.		

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2021261912	RealmFive, Inc.	2022204371	Games Global Operations Limited
2021268887	Eli Lilly and Company	2022204640	Vermeer Manufacturing Company
2021269916	International Business Machines Corporation	2022204877	LG ELECTRONICS INC.
2021270781	EagleBurgmann Germany GmbH & Co.KG	2022205187	Cambridge Enterprise Limited; Yale University; GlaxoSmithKline Intellectual Property Development Limited
2021278253	Ocado Innovation Limited		Chugai Saiyaku Kabushiki Kaisha
2021281590	Saipem S.A.	2022205222	Inner Mongolia Electric Power Research Institute
2021291576	Woodside Energy Technologies Pty Ltd	2022205251	Branch of Inner Mongolia Electric Power (Group) Co., Ltd.
2021292943	Universitätsspital Basel		Dexcom, Inc.
2021303068	Sumitomo Precision Products Co., Ltd.	2022206744	Qualcomm Incorporated
2021307687	Nexter Systems	2022209275	Snap-on Incorporated
2021315403	Ossability Limited	2022209293	NuCanal plc
2021315582	Boston Scientific Scimed, Inc.	2022211797	LG Electronics Inc.
2021316062	Cohere Technologies, Inc.	2022215197	Precision Planting LLC
2021316972	International Business Machines Corporation	2022218520	Biogen MA Inc.
2021319645	Vivo Mobile Communication Co., Ltd.	2022218560	Precision Planting LLC
2021323257	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2022218571	Illumina, Inc.
		2022218629	ConocoPhillips Company; University of Kansas
2021325685	Crown Equipment Corporation	2022221461	Amgen Inc.
2021329277	Baker Hughes Oilfield Operations LLC	2022224838	Tosoh Corporation
2021335142	Colgate-Palmolive Company	2022224868	WiseTech Global (Licensing) Pty Ltd
2021347181	PPG INDUSTRIES OHIO, INC.	2022235518	OZKOR Pty. Ltd.
2021348707	ZHUHAI UNITED LABORATORIES CO., LTD.	2022241603	Sonos, Inc.
2021360580	NETFLIX, INC.	2022246448	De Ledebur, J.; Gruber, S.; De Ledebur, P.
2021372639	OMICRON ELECTRONICS GMBH	2022253874	BERLIN CURES GMBH
2021377807	CHEVRON U.S.A., INC.	2022255586	Fiskars Finland Oy Ab
2021380440	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2022259741	PayPal, Inc.
		2022263531	LANDA LABS (2012) LTD.
2021395816	ASTRAZENECA AB	2022268313	CiDRA Corporate Services LLC
2021404859	CJ Cheiljedang Corporation	2022268330	CHINA ENFI ENGINEERING CORPORATION; CHINA ENFI ENGINEERING CO., LTD.
2021404860	CJ Cheiljedang Corporation	2022271428	Hanwha Corporation
2021409314	CATERPILLAR INC.		Sadleir Laboratories Pty Ltd
2021415772	Jiangsu Kingfa Sci & Tech. Advanced Materials Co., Ltd.	2022271759	Visa International Service Association
		2022279546	ASS-NBG GmbH
2021428867	Casco Signal Ltd.	2022283686	ExxonMobil Technology and Engineering Company
2021436510	SHANGHAI HUIZI COSMETICS CO., LTD.	2022283780	BECTON, DICKINSON AND COMPANY
2021441275	Qingdao University of Technology	2022283783	PSILO SCIENTIFIC LTD
2021453593	KASEYA US LLC	2022290254	Nuctech Company Limited
2022200012	FJ Dynamics Co., Ltd.	2022291410	Pall Corporation
2022200321	AMARIN PHARMACEUTICALS IRELAND LIMITED	2022291598	TTD GLOBAL PTY LTD
2022200397	Fisher & Paykel Healthcare Limited	2022291622	800 SUPER WASTE MANAGEMENT PTE LTD
2022200442	Norwood Industries Inc.	2022295551	COOPERVISION INTERNATIONAL LIMITED
2022200502	City of Hope	2022307514	MOHIDEEN, F.A.
2022200666	Institute for Musculoskeletal Science and Education, Ltd.	2022318447	MEMBION GMBH
		202232692	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022200891	Enable Injections, Inc.	2022345353	LG Electronics Inc.
2022201057	Abbott Diabetes Care Inc.	2023200142	ZHEJIANG DINGLI MACHINERY CO., LTD.
2022201062	Apple Inc.	2023200145	SHANGHAI JINKO GREEN ENERGY ENTERPRISE MANAGEMENT CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
2022201100	The Jackson Laboratory	2023200164	Bluebeam, Inc.
2022201121	Implantica Patent Ltd		Shanghai Linghuo Trading Co., Ltd.
2022201200	JINTAP PTY LTD	2023200293	Nippon Steel Corporation
2022201254	Snap-on Incorporated	2023200334	Nippon Steel Corporation
2022201858	Societe Des Produits Nestle S.A.	2023200340	Einhell Germany AG
2022202009	INCYTE CORPORATION	2023200342	Boston Scientific Neuromodulation Corporation
2022202147	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2023200606	Rigetti & Co, LLC
		2023200898	Google LLC
2022202266	TAE Technologies, Inc.	2023200904	Google LLC
2022202372	Denali Therapeutics Inc.	2023201063	Splunk Inc.
2022202489	Snap-on Incorporated	2023201068	Edwards Lifesciences Corporation
2022202598	Prolacta Bioscience, Inc.	2023201395	Shanghai Linghuo Trading Co., Ltd.
2022202673	CFPH, LLC	2023201443	Schneider Electric Industries SAS
2022203282	Aristocrat Technologies Australia Pty Limited	2023201560	Apple Inc.
2022203369	Auspex Pharmaceuticals, Inc.	2023201673	Huawei Technologies Co., Ltd.
2022203625	Sanofi Pasteur Inc.	2023201816	Canva Pty Ltd
2022203651	Intuit Inc.	2023201988	Sungrow Power Supply Co., Ltd.
2022203939	LG ELECTRONICS INC.	2023202005	Huawei Technologies Co., Ltd.
2022203946	Sirna Therapeutics, Inc.	2023202394	TeleSense, Inc.
2022204002	JOST-Werke Deutschland GmbH	2023202684	
2022204003	JOST-Werke Deutschland GmbH	2023203090	
2022204082	Alpha Tau Medical Ltd.		
2022204217	Virginia Commonwealth University; Durect Corporation; The United States Government as represented by The Department of Veteran Affairs		

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2023203129 Knopf, B.R.
2023203898 Chiyoda Corporation
2023203965 ARB Labs Inc.
2023214392 Merdury Biopharmaceutical Corporation
2023216843 INTAKS IP LIMITED
2023222912 KOREA ZINC CO., LTD.
2023226659 BEIJING SANYUAN FOODS CO., LTD.
2023233139 Beijing Eacon Technology Co., LTD.
2023237019 OASIS AEROSPACE INC.
2023249429 ESKANDER, S.; GHOSSAIN, R.
2023263533 Brilliance of Beauty, Inc.
2023282303 Dolby International AB
2024201525 NEC Corporation

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			2021348707		2021348707
			2021395816		2021395816
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<u>B30B 7 /-</u>	<u>B60T 8 /-</u>	2020232179	2020259804	2020357789	2022203946
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<u>B31F 1 /-</u>	<u>B60W 60 /-</u>	2019255706	2019221091	2023200145	2022204217
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<u>B41F 33 /-</u>	2023201560	2023214392	2022291598	<u>C01B 3 /-</u>	<u>C07D 213 /-</u>
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<u>B60B 23 /-</u>	2022204002	2019225527	<u>B65G 33 /-</u>	<u>C01B 33 /-</u>	2020374954
2018317492	2022204003	<u>B65B 5 /-</u>	2017322101	2018387580	<u>C07D 239 /-</u>
<u>B60B 3 /-</u>	<u>B62K 23 /-</u>	2019221849	<u>B65G 47 /-</u>	<u>C01B 6 /-</u>	2018401298
2018317492	2018304533	<u>B65D 19 /-</u>	2019221849	2021256364	2019352009
<u>B60B 35 /-</u>	2018304533	2022241603	<u>B65G 49 /-</u>	<u>C01C 1 /-</u>	2021268887
2023200334	<u>B63B 1 /-</u>	<u>B65D 21 /-</u>	2019221849	2021256364	<u>C07D 263 /-</u>
2023201560	2017390075	2022318447	<u>B65G 53 /-</u>	<u>C01G 45 /-</u>	2019359320
<u>B60B 5 /-</u>	2020426492	<u>B65D 41 /-</u>	20192227269	2023222912	2018341583
2018317492	<u>B63B 35 /-</u>	2019231939	<u>B65G 65 /-</u>	<u>C02F 1 /-</u>	<u>C07D 275 /-</u>
<u>B60D 1 /-</u>	2021281590	<u>B65D 43 /-</u>	2019225527	2018321819	2019352009
2022204002	<u>B63B 77 /-</u>	2017405076	<u>B65H 75 /-</u>	2019233643	<u>C07D 311 /-</u>
<u>B60H 1 /-</u>	2021281590	2020428517	2018288019	2022295551	2019239797
2021307687	<u>B64C 1 /-</u>	<u>B65D 47 /-</u>	<u>B66B 11 /-</u>	<u>C02F 3 /-</u>	<u>C07D 333 /-</u>
<u>B60J 7 /-</u>	2019201038	2020428517	2022253874	2022345353	2020374954
2020301385	<u>B64C 13 /-</u>	<u>B65D 50 /-</u>	<u>B66B 5 /-</u>	<u>C02F 9 /-</u>	<u>C07D 339 /-</u>
<u>B60K 16 /-</u>	2022332692	2017405076	2020402079	2018321819	2019239797

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<u>C07D 401 /-</u>	<u>C07F 5 /-</u>	2018347251	2021232892	2022268330 2022271428	<u>D21H 27 /-</u>
2018340505 2019303374 2021229984 2022202372	2019352009	<u>C08G 63 /-</u>	<u>C12N 15 /-</u>	<u>C22C 14 /-</u>	2019479270
	<u>C07F 9 /-</u>	2021415772	2017221456 2017330062 2017353361	2019249801	<u>E01C 15 /-</u>
<u>C07D 403 /-</u>	2022291410	<u>C08G 73 /-</u>	2018250161 2020313143 2021200872	<u>C22F 1 /-</u>	2019280282
2018340505 2019352009 2022202372 2022218560	<u>C07H 1 /-</u>	2021329277	2021203237 2021203288 2021258056	2019249801	<u>E01C 9 /-</u>
	<u>C07H 19 /-</u>	<u>C08K 3 /-</u>	2022200502 2022255586	<u>C23C 8 /-</u>	2019280282
<u>C07D 405 /-</u>	2019349424	<u>C08K 5 /-</u>		2021257402	<u>E01D 15 /-</u>
2022202372	<u>C07H 21 /-</u>	2019285766	<u>C12N 5 /-</u>	<u>C25B 1 /-</u>	2019280282
<u>C07D 409 /-</u>	2021203288	<u>C08K 9 /-</u>	2017221456 2018234827 2019295576	2019233643 2019240363	<u>E01F 13 /-</u>
2022202372	<u>C07H 3 /-</u>	2021329277	2020242520	<u>C25B 11 /-</u>	2023249429
<u>C07D 413 /-</u>	2018269327	<u>C08L 21 /-</u>		2019233643	<u>E02F 3 /-</u>
2022202372 2022205187 2022218560	<u>C07J 31 /-</u>	2019285766	<u>C12N 7 /-</u>	<u>C25B 13 /-</u>	2017279683 2022204640
	2022204217	<u>C09D 17 /-</u>	2017329654	2022295551	<u>E02F 9 /-</u>
<u>C07D 417 /-</u>	<u>C07J 9 /-</u>	2021347181	<u>C12N 9 /-</u>	<u>C25B 15 /-</u>	2017279683 2022204640
2018340505 2019352009 2022202372	2022205187	<u>C09D 175 /-</u>	2017222231 2018269327 2022201057	2019240363	<u>E04B 1 /-</u>
	<u>C07K 14 /-</u>	2018347251		<u>C25B 9 /-</u>	2017390677
<u>C07D 471 /-</u>	2018322482 2019205273 2019236234	<u>C09D 4 /-</u>	<u>C12P 1 /-</u>	2022295551	<u>E04B 7 /-</u>
2018340505 2022202009 2022203369 2022205222 2022218560	2020242520 2020416358 2021203237 2021240230 2021244056 2021258056 2022203625	2021257402	2018329208	<u>D01F 6 /-</u>	2021221828
		<u>C09D 7 /-</u>	<u>C12P 19 /-</u>	2018306010	<u>E04D 15 /-</u>
<u>C07D 487 /-</u>		2021347181	2018269327	<u>D01F 9 /-</u>	2021221828
2019352009 2021395816 2022202372	<u>C07K 16 /-</u>	<u>C09K 11 /-</u>	<u>C12Q 1 /-</u>	2018306010	<u>E04G 1 /-</u>
	2017216237 2017228055 2017261367	2018231072	2017338353 2017353361 2018210375 2018250161	<u>D02G 3 /-</u>	2021221828
<u>C07D 491 /-</u>	2017292934 2018224319 2019205273	<u>C09K 8 /-</u>	2019307836 2019453690 2020234722 2022201057 2022205187	2019365143	<u>E04G 21 /-</u>
2019352009 2022202372	2019291307 2019325400 2021240230 2022201858	2022221461		<u>D06F 37 /-</u>	2018314852 2021221828
		<u>C10G 3 /-</u>		2022204877	<u>E04G 3 /-</u>
<u>C07D 495 /-</u>		2019209477	<u>C12R 1 /-</u>	<u>D06F 39 /-</u>	2021221828
2019352009		<u>C10L 1 /-</u>	2018329208	2022204877	<u>E04G 5 /-</u>
<u>C07D 498 /-</u>	<u>C07K 19 /-</u>	2019209477	<u>C21B 5 /-</u>	<u>D06L 1 /-</u>	<u>E04G 1 /-</u>
2022202372	2019293772 2022205187	<u>C10L 5 /-</u>	2021256364	2021232892	2021221828 2023216843
		2018297554	<u>C21B 7 /-</u>	<u>D06M 10 /-</u>	<u>E04G 7 /-</u>
<u>C07D 513 /-</u>	2019293772 2022205187	<u>C10L 9 /-</u>	2021256364	2018306010	2021221828 2023216843
2020384216	<u>C07K 5 /-</u>	2018297554	2021256364	<u>D06M 11 /-</u>	<u>E04H 12 /-</u>
<u>C07D 519 /-</u>	2020374954 2021229984	<u>C10M 145 /-</u>	<u>C22B 1 /-</u>	2018306010	2019215789
2020384216 2022205222	<u>C07K 7 /-</u>	2018382415	2018387580	<u>D21F 11 /-</u>	<u>E04H 17 /-</u>
	2019338221 2021244056	<u>C11D 1 /-</u>	<u>C22B 23 /-</u>	2019479270	2018348700 2019215789
<u>C07F 13 /-</u>	<u>C08G 18 /-</u>	2021232892	2022271428	<u>D21G 1 /-</u>	
2021229984		<u>C11D 10 /-</u>	<u>C22B 3 /-</u>	2019479270	<u>E05B 47 /-</u>

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2018347005	2019254045	<u>F16G 11 /-</u>	2019227269	<u>F41H 7 /-</u>	<u>G01N 9 /-</u>
<u>E05B 63 /-</u>	<u>F03D 1 /-</u>	2020301385	<u>F21S 10 /-</u>	2021307687	2018293647
2018347005	2018294185	<u>F16H 25 /-</u>	2020404865	<u>F42D 1 /-</u>	<u>G01R 23 /-</u>
<u>E05C 3 /-</u>	<u>F03D 13 /-</u>	2023200145	<u>F21V 1 /-</u>	2022271759	2022205251
2020232179	2018294185 2021281590	<u>F16J 15 /-</u>	2020404865	<u>F42D 3 /-</u>	<u>G01R 27 /-</u>
<u>E06B 9 /-</u>	<u>F03G 7 /-</u>	2020355421 2021270781	<u>F21V 15 /-</u>	2022271759	2022205251
2021232880	2018385893	<u>F16K 15 /-</u>	2020404865	<u>G01B 21 /-</u>	<u>G01R 31 /-</u>
<u>E21B 1 /-</u>	<u>F04B 15 /-</u>	2022283780	<u>F21V 21 /-</u>	2022218520 2022218571	2018286627 2022205251
2019221107	2022204640	<u>F16K 17 /-</u>	2020404865	<u>G01B 5 /-</u>	<u>G01S 1 /-</u>
<u>E21B 10 /-</u>	<u>F04B 19 /-</u>	2022283780	<u>F21V 23 /-</u>	2019251181	<u>G01S 13 /-</u>
2020218143	2018382905	<u>F16K 21 /-</u>	2020404865	<u>G01B 7 /-</u>	2017390677
<u>E21B 15 /-</u>	<u>F04B 23 /-</u>	2020259804	2020404865	2019251181	<u>G01S 13 /-</u>
2018377053	2022204640	<u>F16K 27 /-</u>	<u>F21W 121 /-</u>	<u>G01C 19 /-</u>	2018383031
<u>E21B 17 /-</u>	<u>F04B 43 /-</u>	2018220117 2022283780	2020404865	2021303068	<u>G01V 1 /-</u>
2017426441 2020218143	2022204640	<u>F16K 29 /-</u>	<u>F24C 15 /-</u>	<u>G01C 21 /-</u>	<u>G01V 3 /-</u>
<u>E21B 19 /-</u>	<u>F04B 7 /-</u>	2018220117	2018366936	2022204002	2018383031
2018377053	2018382905	<u>F16K 3 /-</u>	<u>F24F 13 /-</u>	<u>G01M 3 /-</u>	<u>G01V 99 /-</u>
<u>E21B 23 /-</u>	<u>F04B 9 /-</u>	2018220117 2020259804	2019227827	2022291622	2021377807 2022283783
2017444251	2018382905	<u>F16K 31 /-</u>	<u>F25B 11 /-</u>	<u>G01N 15 /-</u>	<u>G02B 1 /-</u>
<u>E21B 33 /-</u>	<u>F04C 29 /-</u>	2022203939	2022203939	2022291622	<u>G02B 1 /-</u>
2017444251	2018262342	2020259804 2022283780	<u>F25D 11 /-</u>	<u>G01N 17 /-</u>	2018360480
<u>E21B 41 /-</u>	<u>F15D 1 /-</u>	<u>F16K 39 /-</u>	2020384836 2022203939	2018348700	<u>G02B 3 /-</u>
2017426441 2018326664 2019201010	2019227269	2022283780	<u>F25D 17 /-</u>	<u>G01N 21 /-</u>	2018360480
<u>E21B 43 /-</u>	2018255317 2023216843	<u>F16L 13 /-</u>	2020384836	2018293647 2018303796 2019244189 2022224868	<u>G02B 6 /-</u>
2017444240 2022221461	<u>F16B 33 /-</u>	<u>F16L 15 /-</u>	<u>F25D 21 /-</u>	<u>G01N 27 /-</u>	2017420800 2017421289 2017421295 2018295364
<u>E21B 47 /-</u>	2020218143	2023200340 2023200342	2020384836	2018303796	<u>G02C 7 /-</u>
2017444240	<u>F16B 43 /-</u>	<u>F16L 23 /-</u>	<u>F25D 23 /-</u>	<u>G01N 29 /-</u>	2018306502 2018360480
<u>E21B 49 /-</u>	2021291576	2020355421	2022203939 2022204877	2018288019	<u>G02F 1 /-</u>
2021377807	<u>F16B 45 /-</u>	<u>F16L 33 /-</u>	<u>F25D 25 /-</u>	<u>G01N 30 /-</u>	2019202590
<u>E21B 6 /-</u>	2020301385	2021291576	2020384836	2023226659	<u>G05B 15 /-</u>
2019221107	<u>F16B 5 /-</u>	<u>F16L 5 /-</u>	<u>F25D 31 /-</u>	<u>G01N 33 /-</u>	2021246427
<u>E21B 7 /-</u>	2023216843	2017390677	2018410828	2017338353 2018210375 2018293647 2018322482 2020416358 2023226659	<u>G05B 23 /-</u>
2018377053	<u>F16F 15 /-</u>	<u>F16L 55 /-</u>	<u>F41B 9 /-</u>	2018345716 2020432994 2023203898	2018345716 2020432994 2023203898
<u>F02C 3 /-</u>	2023233139	2019227269 2019251181	<u>F41H 11 /-</u>	<u>G01N 35 /-</u>	<u>G05B 9 /-</u>
2021256364	<u>F16F 7 /-</u>	<u>F16L 57 /-</u>	2018383031	2018303796	2019201010
<u>F03B 13 /-</u>	2023233139				

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G05D 1 /-	G06N 3 /-	G07F 11 /-	H01M 10 /-	2022205251	2021210206
2021325685	2020234722	2019248729		H02J 50 /-	2021360580
G05D 27 /-	2021453593	G07F 17 /-	2019209231	2022205251	2022283686
2023203090	2023202005	2019248729	2021220328		H04N 19 /-
	2023203090	2022202673	2021241695	H02J 7 /-	2020394260
G06F 1 /-	G06N 99 /-	2022203282	2021257418	2021380440	2020401934
2023200142	2023200904	G08B 13 /-	H01M 4 /-	H02M 7 /-	2020418309
	2023201063	2023203965	2018301683	2021409314	2022215197
G06F 11 /-	G06Q 10 /-	G08G 1 /-	2019209231		2023201988
2021269916	2023200293	2023249429	2021241695	H02N 10 /-	2023202684
2021453593	2023200606	G09B 5 /-	H01M 50 /-	2018385893	H04N 21 /-
2023201395		2023200606	2023237019	H02N 11 /-	2021222010
G06F 16 /-	G06Q 20 /-	G09G 3 /-	H01M 8 /-	2018385893	H04N 5 /-
2019307745	2020282943	2023200142	2018301683	H02P 25 /-	2023203965
2019346606	2022263531	G10L 19 /-	2019476338	2020291900	H04N 7 /-
2021316972	G06Q 30 /-	2023282303	2021256364	H02S 10 /-	2023203965
G06F 17 /-	2020282943	G10L 21 /-	H01P 1 /-	2020279256	2024201525
2023201068	G06Q 40 /-	2023282303	2018260969	2023202394	H04Q 9 /-
2023203090	2022263531	G16B 20 /-	H01P 5 /-	H02S 20 /-	2023203090
2023203129	G06Q 50 /-	2020234722	2018260969	2020279256	H04R 27 /-
G06F 21 /-	2023200293	G16B 40 /-	H01Q 1 /-	2020279256	2022246448
2019346606	2023203965	2020234722	2018260969	H02S 40 /-	H04S 7 /-
2022203651	G06T 1 /-	G16H 20 /-	H01S 3 /-	2021380440	2022202147
2022206744	2024201525	2022279546	2021238958	2023202394	H04W 16 /-
2022218629	G06T 11 /-	G21B 1 /-	H01S 5 /-	H02S 50 /-	2018422255
2022263531	2023200293	G21D 7 /-	2021238958	2021380440	2021316062
2022283686	G06T 17 /-	2022202266	H02G 11 /-	2023202394	H04W 24 /-
2023203898	2021436510	2022202266	2018288019	H04B 5 /-	2021323257
2024201525	G06T 3 /-	H01H 1 /-	H02G 15 /-	2018383031	H04W 28 /-
G06F 3 /-	2023200293	2023201673	2021291576	H04L 12 /-	2019217730
2018345716	G06T 5 /-	H01H 3 /-	H02G 3 /-	2021319645	H04W 4 /-
2019306591	2021436510	2023201673	2021291576	2022201062	2022209275
2019346606	G06T 7 /-	H01H 50 /-	H02H 11 /-	H04L 27 /-	H04W 52 /-
2022235518	20218346938	2022279546	2018422906	2018422906	2019217730
2023200606	2023202005	G21B 1 /-	H04L 41 /-	H04L 41 /-	H04W 64 /-
2023201816	G06T 11 /-	2022202266	2022204371	2022204371	2022209275
G06F 30 /-	2018346938	H01H 1 /-	H04L 45 /-	H04L 45 /-	H04W 72 /-
2023201068	2023202005	2023201673	2019307597	2019307597	2018422255
G06F 40 /-	G06T 17 /-	H01H 63 /-	H04L 47 /-	H04L 47 /-	2018422906
2022203651	2021436510	2023201673	2019213438	2019213438	2019291439
G06F 9 /-	2022271759	H01M 31 /-	H04L 65 /-	H04L 65 /-	2022209275
2022206744	2023203965	2020279256	2021222010	2021222010	H04W 76 /-
G06G 7 /-	G06V 10 /-	2020427412	H04L 9 /-	H04L 9 /-	2019302596
2021377807	2023202005	2023200098			
G06M 11 /-	G07C 9 /-	2023200164			
2020351974	2024201525				
G06N 20 /-	G07D 9 /-				
2023202005	2023203965				
2023203090					

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H04W 84 /-

2019217730

H05H 1 /-

2022202266

H05K 1 /-

2021257418

H05K 3 /-

2021257418

H05K 5 /-

2021409314

H05K 7 /-

2018288019

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2018360571 **Superior Industries, Inc.** (Vayeron Pty Ltd)
- 2021286372 **De La Rue International Limited** (CCL Secure Pty Ltd)

Patents Granted

Standard Patents

2016331082	2016355320	2016357303	2016359609
2017207318	2017207445	2017211519	2017225003
2017247612	2017258492	2017275081	2017276229
2017306301	2017317572	2017325983	2017326372
2017341753	2017367699	2017372976	2017375358
2017375472	2017377660	2017379367	2017379806
2017381398	2017398968	2017404755	2017411570
2017416025	2017417029	2017420325	2017423440
2017428673	2018200854	2018202655	2018204233
2018204817	2018206564	2018208069	2018217057
2018218747	2018218875	2018221452	2018225745
2018229396	2018229946	2018230395	2018236042
2018236825	2018239940	2018240288	2018246232
2018247589	2018249375	2018253299	2018253443
2018256459	2018256895	2018256897	2018258752
2018260854	2018262920	2018263083	2018264400
2018271764	2018278062	2018281896	2018282484
2018282907	2018288101	2018293333	2018294561
2018297199	2018297211	2018301576	2018303232
2018303303	2018303838	2018308587	2018309340
2018313998	2018314205	2018316277	2018317489
2018321119	2018321577	2018322691	2018326791
2018329671	2018332264	2018335233	2018336051
2018336052	2018338684	2018340007	2018340857
2018340882	2018341500	2018350938	2018351611
2018351893	2018363532	2018364532	2018365176
2018366047	2018367626	2018372167	2018372826
2018375986	2018376872	2018383883	2018386304
2018397628	2018399010	2018399625	2018399626
2018403510	2018405229	2018406430	2018406790
2018408730	2018412941	2018413420	2018423160
2019205307	2019206438	2019215231	2019216875
2019217661	2019220125	2019220477	2019221631
2019221774	2019224900	2019229103	2019233937
2019243707	2019244091	2019250253	2019264834
2019278813	2019283673	2019298637	2019347897
2019349651	2019356616	2019364630	2019365257
2019371362	2019375245	2019381834	2019387317
2019398214	2019407237	2019408452	2019468667
2019473195	2020204665	2020210684	2020219864
2020223356	2020232314	2020241005	2020256938
2020261087	2020266339	2020277444	2020279251
2020280018	2020280699	2020290409	2020290835
2020293843	2020303803	2020309525	2020312166
2020315552	2020318693	2020335801	2020337184
2020340962	2020341827	2020345300	2020350013
2020356739	2020372336	2020377028	2020378123
2020380028	2020383209	2020386630	2020387439
2020387746	2020391257	2020395007	2020397034
2020398116	2020399072	2020405579	2020407254
2020408428	2020415270	2020418176	2020421883
2020426728	2020432829	2020436861	2020438326
2020442584	2020442945	2020456448	2020472129
2021200572	2021200972	2021202253	2021202470
2021203514	2021204595	2021204791	2021208656
2021213062	2021214474	2021216036	2021216710
2021221148	2021221910	2021223438	2021225258

Patents Granted

Standard Patents

2021225683	2021229260	2021233334	2021234620
2021235228	2021235688	2021235937	2021236081
2021238965	2021241401	2021245162	2021245180
2021245786	2021248176	2021259781	2021260297
2021261897	2021261991	2021266353	2021269196
2021269387	2021269390	2021269397	2021269911
2021272031	2021274616	2021277676	2021277701
2021277745	2021281586	2021282473	2021282535
2021283208	2021284990	2021286254	2021289697
2021290218	2021290251	2021290311	2021291583
2021305749	2021308389	2021309565	2021314419
2021319714	2021320067	2021320075	2021322591
2021344334	2021360489	2021362841	2021367902
2021369727	2022200205	2022200331	2022200404
2022200470	2022200480	2022200484	2022200602
2022200639	2022200687	2022200740	2022201173
2022201458	2022201777	2022201861	2022201922
2022202022	2022202279	2022203041	2022203852
2022204218	2022204403	2022204468	2022204556
2022204680	2022204707	2022209234	2022211850
2022212967	2022215198	2022218480	2022218605
2022224742	2022228149	2022231707	2022246418
2022252732	2022252821	2022255037	2022261310
2022266149	2022268312	2022269676	2022271496
2022279534	2022291411	2022291414	2022325170
2022381847	2023200386	2023201266	2023201682
2023202257	2023203774	2023208192	2023251412

Innovation Patents

- 2021107694 2024100014 2024100015

Revocation

It is hereby notified that the offer by the Patentee **Rite-Hite Holding Corporation** to surrender Patent 2021232840 which was advertised in the Official Journal of 01.02.2024 has been accepted and the Patent has been revoked in accordance with Section 137 of the Patents Act.

Assignments Registered

- 2004293810 Pfenex Inc. The patent has been assigned to **Pelican Technology Holdings, Inc.**
- 2004317306 Pfenex Inc. The patent has been assigned to **Pelican Technology Holdings, Inc.**
- 2005270676 Vlaamse Instelling Voor Technologisch Onderzoek (VITO) The patent has been assigned to **AGFA-GEVAERT NV**
- 2005287603 Flooring Industries Limited, SARL The patent has been assigned to **Unilin BV**
- 2006255060 Pfenex Inc. The patent has been assigned to **Pelican Technology Holdings, Inc.**
- 2006265984 NIDERA S.A.; BASF SE. The patent has been assigned to **Syngenta Crop Protection AG; BASF Agrochemical Products B.V.**
- 2008210538 PFENEX INC. The patent has been assigned to **Pelican Technology Holdings, Inc.**
- 2008237436 Nidera S.A.; BASF Agrochemical Products B.V. The patent has been assigned to **BASF Agrochemical Products B.V.; Syngenta Crop Protection AG**
- 2008245696 Pfenex Inc. The patent has been assigned to **Pelican Technology Holdings, Inc.**
- 2008327616 Flooring Industries Limited, SARL The patent has been assigned to **Unilin BV**

Assignments Registered

2009253985 Agfa-Gevaert N.V.; Vito NV The patent has been assigned to **Agfa-Gevaert N.V.**

2009329212 Flooring Industries Limited, SARL The patent has been assigned to **Unilin BV**

2010201410 Pfenex, Inc. The patent has been assigned to **Pelican Technology Holdings, Inc.**

2011238711 PFENEX INC. The patent has been assigned to **Pelican Technology Holdings, Inc.**

2012244165 BASF SE; NIDERA S.A. The patent has been assigned to **Syngenta Crop Protection AG; BASF Agrochemical Products B.V.**

2012247545 Oncopeptides AB The patent has been assigned to **Oncopeptides Innovation AB**

2013239465 University of Exeter The patent has been assigned to **One Health Ventures Limited**

2013294659 Saudi Basic Industries Corporation The patent has been assigned to **SABIC Agri-Nutrients Company**

2013335359 Oncopeptides AB The patent has been assigned to **Oncopeptides Innovation AB**

2014261114 Saudi Basic Industries Corporation The patent has been assigned to **SABIC Agri-Nutrients Company**

2014300583 Saudi Basic Industries Corporation The patent has been assigned to **SABIC Agri-Nutrients Company**

2015201455 Flooring Industries Limited, SARL The patent has been assigned to **Unilin BV**

2015212412 Saudi Basic Industries Corporation The patent has been assigned to **SABIC Agri-Nutrients Company**

2015257345 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2015355242 PFENEX INC. The patent has been assigned to **Pelican Technology Holdings, Inc.**

2015360472 Kyndi, Inc. The patent has been assigned to **QlikTech International AB**

2016260693 Oncopeptides AB The patent has been assigned to **Oncopeptides Innovation AB**

2016295562 I.D.E. Technologies Ltd The patent has been assigned to **IDE WATER TECHNOLOGIES LTD**

2016295632 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2016363591 Oncopeptides AB The patent has been assigned to **Oncopeptides Innovation AB**

2016381397 Flooring Industries Limited, Sarl The patent has been assigned to **Unilin BV**

2017220375 Clik Tile System Pty Ltd The patent has been assigned to **Clik Tile System NZ Limited**

2017257368 IMDS LLC; Mayo Foundation for Medical Education and Research The patent has been assigned to **OsteoCentric SI Fusion, LLC**

2017261120 Moda IP Limited; Newcombe, Richard; Melville, Alexander; Noakes, Daniel; Wright, Hayden; Frietsch, Thomas; Donovan, Ry-

Assignments Registered

an The patent has been assigned to **Amcors Flexibles North America, Inc.**

2017319426 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2017368070 TRUCKLABS, INC. The patent has been assigned to **Consolidated Metco, Inc.**

2017368918 Flooring Industries Limited, SARL The patent has been assigned to **Unilin BV**

2018255907 Sabic Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2018255908 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2018255920 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2018295099 Uatc, Llc The patent has been assigned to **Aurora Operations, Inc.**

2018302519 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2018304604 SABIC Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2018354068 Pfenex Inc. The patent has been assigned to **Pelican Technology Holdings, Inc.**

2019222026 Blueray Therapeutics (Shanghai) Co., Ltd The patent has been assigned to **Shanghai Blueray Biopharma Co., Ltd.**

2019246803 Sabic Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2019257433 Huawei Technologies Co., Ltd. The patent has been assigned to **Beijing Kunshi Intellectual Property Management Co., Ltd.**

2019270515 Leibniz-Institut für Plasmaforschung und Technologie e.V. The patent has been assigned to **Nebula Biocides GmbH**

2019312330 LIUPANSHUI NORMAL UNIVERSITY; CHINA UNIVERSITY OF MINING AND TECHNOLOGY The patent has been assigned to **Guizhou Panyu Taihe Machinery Co., Ltd**

2020332462 Blueray Therapeutics (Shanghai) Co., Ltd The patent has been assigned to **Shanghai Blueray Biopharma Co., Ltd.**

2021232664 Sabic Global Technologies B.V. The patent has been assigned to **SABIC Agri-Nutrients Company**

2022202746 Mayo Foundation for Medical Education and Research; IMDS LLC The patent has been assigned to **OsteoCentric SI Fusion, LLC**

2022204581 TScan Therapeutics, Inc.; Nayar, Ribhu; Macbeath, Gavin; Jangalwe, Sonal; Jurewicz, Mollie; Basinski, Andrew; Xu, Qikai; Boudot, Antoine; Kula, Tomasz The patent has been assigned to **TScan Therapeutics, Inc.**

Mortgages Registered - Section 187, Reg. 19

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

2004291578 Redpath Canada Limited (Bank of America, N.A.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2011203503 **Xencor, Inc.**

The earliest first regulatory approval date provided by the patentee 20 Jun 2023

For the goods MINJUVI tafasitamab

Extension of Term of patent pursuant to Section 77 expires on 14 Aug 2032

Specifications Republished

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

2018210326 **University of Pittsburgh - Of the Commonwealth System of Higher Education**

2019266519 **Societe des Produits Nestle S.A.**

2021233050 **Huawei Technologies Co., Ltd.**