



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 10 August 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

***Mastercard International Incorporated* [2023] APO 42**

Patent Application: 2020239627

Title: ACH transaction authentication systems and methods

Patent Applicant: Mastercard International Incorporated

Delegate: B. Norman

Decision Date: 2 August 2023

Hearing Date: Written submissions filed on 2 March 2023

Catchwords: **PATENTS** - examiner objection – whether claims are for a manner of manufacture – substance of the invention is a scheme – claims are not for a manner of manufacture – no patentable subject matter identified in the specification – application refused

Representation: Patent attorney for the applicant: Spruson & Ferguson

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 10 August 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Kraft Foods Schweiz Holding GmbH v Mars, Incorporated [2023] APO 41

Patent Application: 2016365338

Title: Crumb chocolate flavor compositions

Patent Applicant: Mars, Incorporated

Opponent: Kraft Foods Schweiz Holding GmbH

Delegate: Dr A. Lim

Decision Date: 31 July 2023

Hearing Date: 31 May 2023, via video conference

Catchwords: **PATENTS** - section 59 – opposition to the grant of a patent –support – comparison of the invention as defined in the claims with the invention as disclosed in the specification – the scope of the claims corresponds to the technical contribution to the art – claims comply with the requirements for support, sufficiency, clarity, utility, inventive step, and manner of manufacture – opposition unsuccessful – cost awarded against the opponent

Representation: Counsel for the applicant: Ms Nicola Gollan
Patent attorney for the applicant: Dr Anna Goldys of Minter Ellison
Counsel for the opponent: Mr Ben Fitzpatrick
Patent attorney for the opponent: Ms Janelle Borham and Dr Tim Fyfe of Griffith Hack

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 25 Jul 2023 .

(71) AdvanCell Isotopes Pty Limited (21) 2023902414 (22) 31.07.2023 (54) Dosage regimen comprising short-lived radioisotope	(71) BEKELAAR, K.; CATTO, W.; LEATHWICK, D.; MACKAY, A. (21) 2023902386 (22) 27.07.2023 (54) Anthelmintic Composition	(71) Concept Services IP Pty Ltd (21) 2023902395 (22) 27.07.2023 (54) Relocatable tank
(71) Agscent Pty Ltd (21) 2023902427 (22) 01.08.2023 (54) A DEVICE FOR HOLDING AN ANIMAL'S HEAD	(71) Brocklehurst, R. (21) 2023902399 (22) 28.07.2023 (54) Creation of environmental conservation parks for protection of species in conjunction with human burials	(71) Cook Medical Technologies LLC (21) 2023902394 (22) 27.07.2023 (54) AN ENDOLUMINAL PROSTHESIS HAVING AN ANGLED EXTERNAL BRANCH
(71) Agscent Pty Ltd (21) 2023902428 (22) 01.08.2023 (54) BIOLOGICAL SAMPLE ANALYSIS DEVICE AND ANALYSIS SOFTWARE	(71) Castagnoli, D. (21) 2023902411 (22) 31.07.2023 (54) Warning System for public road users of an emergency service vehicle responding to an emergency.	(71) CORE Intelligence Australia Pty Ltd (21) 2023902365 (22) 25.07.2023 (54) Isolation and extraction of mineral compounds, metals, metalloids, alloys and elements
(71) Another Vue Pty Ltd (21) 2023902366 (22) 25.07.2023 (54) A METHOD AND SYSTEM FOR SHARING PERSONAL INFORMATION	CATTO, W. see BEKELAAR, K. (21) 2023902386	(71) Denteric Pty Ltd; Oral Health Australia Pty Ltd (21) 2023902373 (22) 26.07.2023 (54) Chimeric protein vaccine
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2023902396 (22) 27.07.2023 (54) Materials and methods for terrestrial storage of carbon dioxide	(71) Circular Solar Solutions Pty Ltd (21) 2023902384 (22) 26.07.2023 (54) METHOD AND APPARATUS FOR THERMAL REMOVAL OF PHOTO-VOLTAIC MATERIAL AND ENCAPSULANT FROM TRANSPARENT COVER SHEETS OF SOLAR PANELS	(71) Denteric Pty Ltd; Oral Health Australia Pty Ltd (21) 2023902376 (22) 26.07.2023 (54) RNA vaccines for use in animal health
(71) ASSA ABLOY Australia Pty Limited (21) 2023902383 (22) 26.07.2023 (54) Power Management System and Method for Lock Assemblies	(71) COALBED INNOVATIONS PTY LTD (21) 2023902380 (22) 26.07.2023 (54) APPARATUS FOR SEPARATING A GAS FROM A MULTIPHASE MATERIAL	(71) Denteric Pty Ltd; Oral Health Australia Pty Ltd (21) 2023902379 (22) 26.07.2023 (54) RNA vaccines
(71) Australian Advanced Materials Pty Ltd (21) 2023902397 (22) 27.07.2023 (54) ELECTRICITY GENERATOR	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023902375 (22) 26.07.2023 (54) Isotopic verification of a geographical location	(71) Denteric Pty Ltd; Oral Health Australia Pty Ltd (21) 2023902382 (22) 26.07.2023 (54) Methods of treatment
(71) AutoRun Technologies Pty Ltd (21) 2023902422 (22) 31.07.2023 (54) A sample bag for a sampling system	(71) Compy Pty Ltd (21) 2023902416 (22) 31.07.2023 (54) Cable Tie	(71) DOT DESIGN GROUP PTY LTD (21) 2023902388 (22) 27.07.2023 (54) POS holder & clamp

Provisional Applications Filed - Name Index cont'd

(71) Empowerment, C.
(21) 2023902425 (22) 31.07.2023
(54) Proprietary herbal oral formulation for reducing estrogen by introducing poly-phenolic monomer and anthocyanins to reduce the weight and volume of endometriotic tissues.

(71) Festiiv Pty Ltd
(21) 2023902367 (22) 25.07.2023
(54) A wireless fish strike detection system

(71) Future Battery Industries Cooperative Research Centre
(21) 2023902359 (22) 24.07.2023
(54) Power Converter and Controller

(71) Gannon, A.
(21) 2023902364 (22) 25.07.2023
(54) Ultrasonic training device

(71) Garage Vision Tek Pty Ltd
(21) 2023902362 (22) 24.07.2023
(54) EZI-ROLA Mobility Device

(71) GAWEL, R.
(21) 2023902370 (22) 25.07.2023
(54) Driving range entertainment arrangement and methodology

(71) Geddert, K.
(21) 2023902424 (22) 31.07.2023
(54) Severity Adjusted Injury Rate

(71) GIAGO INTERNATIONAL PTY LTD
(21) 2023902357 (22) 24.07.2023
(54) Manufacturing method and entertainment system for food product

(71) GIAGO INTERNATIONAL PTY LTD
(21) 2023902358 (22) 24.07.2023
(54) Food product and manufacturing method for food product

(71) Griffin, N.
(21) 2023902413 (22) 31.07.2023
(54) An unmanned aerial vehicle (UAV) trimmer attachment

(71) Hopkins, C.
(21) 2023902356 (22) 24.07.2023
(54) Hybrid Kinetic Energy Harvester with Electromechanical Generator for Motion-based Electrical Power Generation

(71) Icon23 Pty Ltd
(21) 2023902377 (22) 26.07.2023
(54) A takeaway food container assembly

(71) Illuminate Security Pty Ltd
(21) 2023902421 (22) 31.07.2023
(54) System and method for compromised asset detection

(71) Jahandari, S.; Tao, Z.; Rahmani, A.
(21) 2023902368 (22) 25.07.2023
(54) Waterproofing admixtures for concrete

(71) KISS INSURANCE Pty Ltd
(21) 2023902423 (22) 31.07.2023
(54) SYSTEM AND METHOD FOR ACQUIRING AND/OR RETAINING INSURANCE POLICIES

LEATHWICK, D. see BEKELAAR, K.
(21) 2023902386

(71) Living Cell Technologies Limited
(21) 2023902369 (22) 25.07.2023
(54) Compositions and uses thereof

(71) Lovick, M.
(21) 2023902406 (22) 28.07.2023
(54) A Range of ; Disposable & Permanently Fixed : Spirit Levels

(71) Lovick Engineering Pty Ltd
(21) 2023902415 (22) 31.07.2023
(54) A positive seal insert for preventing engine coolant leakage between an engine block and a cylinder head of an internal combustion engine

MACKAY, A. see BEKELAAR, K.
(21) 2023902386

(71) Mitra, A.
(21) 2023902418 (22) 31.07.2023
(54) Transcatheter device and method for augmenting mitral valve function

(71) Mitra, A.
(21) 2023902420 (22) 31.07.2023
(54) ATRIOVENTRICULAR DEVICE FOR TREATING ATRIOVENTRICULAR (AV) VALVE DISEASE

(71) Multiturn Pty Ltd
(21) 2023902381 (22) 26.07.2023
(54) Improved single turn screw pile

(71) Nerk Enterprise Pty Ltd
(21) 2023902360 (22) 24.07.2023
(54) Wireless Fire safety notifications using speech to text AI (artificial Intelligence)

(71) NewSouth Innovations Pty Limited
(21) 2023902404 (22) 28.07.2023
(54) Novel broad spectrum antiviral and antimicrobial peptide mimics

(71) NewSouth Innovations Pty Limited
(21) 2023902405 (22) 28.07.2023
(54) Sample holding apparatus and testing methods for underwater impact testing

(71) Nowakowski, K.
(21) 2023902372 (22) 25.07.2023
(54) Improvements relating to multi-glazed windows

(71) Ogilvy, J.
(21) 2023902354 (22) 24.07.2023
(54) A BRACING SYSTEM

Oral Health Australia Pty Ltd see Denteric Pty Ltd
(21) 2023902373

Oral Health Australia Pty Ltd see Denteric Pty Ltd
(21) 2023902376

Oral Health Australia Pty Ltd see Denteric Pty Ltd
(21) 2023902379

Oral Health Australia Pty Ltd see Denteric Pty Ltd
(21) 2023902382

Pact Renewables Pty Ltd see Arakel, A.
(21) 2023902396

(71) Phoenix Energy Services Pty Ltd
(21) 2023902355 (22) 24.07.2023
(54) A VENT VALVE ASSEMBLY AND METHODS OF USE THEREOF

(71) Power, R.
(21) 2023902387 (22) 27.07.2023
(54) Split Shank Bolt

(71) PVC Separation Holdings Pty Ltd
(21) 2023902389 (22) 27.07.2023
(54) LAMINATED COMPOSITE STRUCTURES

Rahmani, A. see Jahandari, S.
(21) 2023902368

(71) RELECTRIFY HOLDINGS PTY LTD
(21) 2023902371 (22) 25.07.2023
(54) Electronics Assembly

Provisional Applications Filed - Name Index cont'd

(71) REPIIMAX
 (21) 2023902426 (22) 31.07.2023
 (54) GUIDED ROBOT VACUUM WITH AIR AND CARPET FRAGRANCE DISPENSING SYSTEM

(71) ResMed Pty Ltd
 (21) 2023902403 (22) 28.07.2023
 (54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

(71) RSE IP Pty Ltd
 (21) 2023902363 (22) 24.07.2023
 (54) Inflatable surgical training device

(71) Shepherd Monitoring Systems Pty Ltd
 (21) 2023902407 (22) 29.07.2023
 (54) Hay Shed monitoring system for spontaneous combustion, using NB-iot and LoRa-wan, with temperature and humidity sensors suspended from shed roof.

(71) SHORT, D.C.
 (21) 2023902378 (22) 26.07.2023
 (54) A VEHICLE PROTECTOR

(71) Signature Orthopaedics Europe Ltd.
 (21) 2023902417 (22) 31.07.2023
 (54) A knee implant

(71) Slack, V.
 (21) 2023902402 (22) 28.07.2023
 (54) Chainsaw Mount

(71) SOAR GROUP PTY LTD; Symes, S.
 (21) 2023902409 (22) 31.07.2023
 (54) Printed hand position grip guides for sporting equipment installed grip handles including bat, stick, racket/racket, and club sports.

(71) Stoned Crystals Pty Ltd
 (21) 2023902385 (22) 26.07.2023
 (54) Open bangle, jewel therefor, associated accessory, and method of wearing same

(71) Straightcurve Pty Ltd
 (21) 2023902361 (22) 24.07.2023
 (54) Pinning of garden edging

(71) SURGICAL DIAGNOSTICS PTY. LIMITED
 (21) 2023902374 (22) 26.07.2023
 (54) A DEVICE TO MEASURE THE STRENGTH AND KINETICS OF MOLECULAR INTERACTIONS.

Symes, S. see SOAR GROUP PTY LTD
 (21) 2023902409

Tao, Z. see Jahandari, S.
 (21) 2023902368

(71) Technological Resources Pty. Limited
 (21) 2023902390 (22) 27.07.2023
 (54) DIRECT REDUCED IRON PROCESSING

(71) Technological Resources Pty. Limited
 (21) 2023902391 (22) 27.07.2023
 (54) DIRECT REDUCED IRON PROCESSING

(71) The University of Sydney
 (21) 2023902400 (22) 28.07.2023
 (54) Adamantyl P2X7 receptor antagonists and their use in the treatment of cardiovascular diseases

(71) The University of Sydney
 (21) 2023902401 (22) 28.07.2023
 (54) Fluorinated adamantyl P2X7 receptor antagonists and uses thereof

(71) Total Marine Technology Pty Ltd
 (21) 2023902392 (22) 27.07.2023
 (54) Disconnection of Electronic Flying Leads Subsea

(71) University of Technology Sydney
 (21) 2023902412 (22) 31.07.2023
 (54) Hydrogel for soil improvement

(71) U-SMART PTY LTD
 (21) 2023902408 (22) 30.07.2023
 (54) Streamlined Finite Element Analysis of Underground Utilities

(71) Varney, R.
 (21) 2023902393 (22) 27.07.2023
 (54) A wearable incising device

(71) Womens Health Road Pty Ltd
 (21) 2023902410 (22) 31.07.2023
 (54) Beacon Project: Transforming AUB Patient Journey using Digital Technology

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Applications listed below were processed through the Patent Office Canberra during the period ending 25 Jul 2023 .

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

<hr/> <p>(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc. (21) 2023206232 (22) 21.07.2023 (54) Methods for treating relapsing forms of multiple sclerosis (62) 2016319129</p> <hr/> <p>AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG (21) 2023206232</p> <hr/> <p>(71) Ab Initio Technology LLC (21) 2023208111 (22) 25.07.2023 (54) DYNAMIC EXECUTION OF PARAMETERIZED APPLICATIONS FOR THE PROCESSING OF KEYED NETWORK DATA STREAMS (62) 2022206687, 2023200420</p> <hr/> <p>(71) Acer Incorporated (21) 2023208185 (22) 27.07.2023 (54) METHOD OF USER EQUIPMENT RECEIVING MULTICAST MULTICAST/BROADCAST SERVICE DATA, UE, AND METHOD OF A CELL PROVIDING A MULTICAST MULTICAST/BROADCAST SERVICE DATA (31) 63/394,625 (32) 03.08.22 (33) US 18/344,895 30.06.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023206192 (22) 20.07.2023 (54) GENERATIVE PROMPT EXPANSION FOR IMAGE GENERATION (31) 17/933,595 (32) 20.09.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023206203 (22) 20.07.2023 (54) SYSTEMS AND METHODS FOR JOINT DOCUMENT SIGNING (31) 63/376,612 (32) 22.09.22 (33) US 18/168,665 14.02.23 US</p> <hr/> <p>(71) Agensys, Inc.; Seagen Inc. (21) 2023206231 (22) 21.07.2023 (54) Antibody drug conjugates (ADC) that bind to 191P4D12 proteins (62) 2020201153</p> <hr/> <p>(71) Air Sanz Holdings Pty Ltd (21) 2023206229 (22) 21.07.2023</p>	<p>(54) AIR PURIFYING APPARATUS, METHOD & SYSTEM (62) 2021200960</p> <hr/> <p>(71) Aizoon S.r.l. (21) 2023208071 (22) 24.07.2023 (54) METHOD FOR PROVIDING A CLINICAL DECISION SUPPORT, CORRESPONDING SYSTEM FOR PROVIDING A CLINICAL DECISION SUPPORT, AND COMPUTER PROGRAM PRODUCT (31) 102022000015624 (32) 25.07.22 (33) IT</p> <hr/> <p>(71) Allergan, Inc. (21) 2023208076 (22) 24.07.2023 (54) Fixed dose combination of brimonidine and timolol (62) 2021203665</p> <hr/> <p>(71) Alpha Tau Medical Ltd. (21) 2023208136 (22) 26.07.2023 (54) Intratumoral alpha-emitter radiation and activation of cytoplasmatic sensors for intracellular pathogen (62) 2019370892</p> <hr/> <p>(71) Alto Lock Pty Ltd (21) 2023208141 (22) 26.07.2023 (54) A FEMALE COUPLER AND ASSEMBLY</p> <hr/> <p>(71) AMERICORP INVESTMENTS LLC (21) 2023208126 (22) 26.07.2023 (54) BLOCKCHAIN-BASED COMMERCIAL INVENTORY SYSTEMS AND METHODS (62) 2021212039</p> <hr/> <p>(71) Amgen Inc.; Kite Pharma, Inc. (21) 2023208077 (22) 24.07.2023 (54) Chimeric receptors and methods of use thereof (62) 2020203990</p> <hr/> <p>(71) Anagnostopoulos, C. (21) 2023208180 (22) 27.07.2023 (54) Intra-aortic balloon apparatus, assist devices and methods for improving flow, counterpulsation and haemodynamics (62) 2021201849</p> <hr/>	<p>(71) Angel Group Co., Ltd. (21) 2023208110 (22) 25.07.2023 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2021209177</p> <hr/> <p>(71) Apple Inc. (21) 2023208169 (22) 27.07.2023 (54) User interfaces for sharing contextually relevant media content (62) 2022200514</p> <hr/> <p>(71) ARGO COMPUTING SERVICES PTY LTD (21) 2023208178 (22) 27.07.2023 (54) Business process definition, execution, and auditing with structured data collection instruments.</p> <hr/> <p>(71) Armaments Research Company Inc. (21) 2023208137 (22) 26.07.2023 (54) A WEAPON USAGE MONITORING SYSTEM HAVING PREDICTIVE MAINTENANCE AND PERFORMANCE METRICS (31) 63/455,852 (32) 30.03.23 (33) US 18/143,404 04.05.23 US 18/144,917 09.05.23 US 18/144,966 09.05.23 US 18/195,001 09.05.23 US 18/195,010 09.05.23 US 18/195,038 09.05.23 US 18/195,060 09.05.23 US 18/195,139 09.05.23 US</p> <hr/> <p>(71) Armaments Research Company Inc. (21) 2023208138 (22) 26.07.2023 (54) A WEAPON USAGE MONITORING SYSTEM HAVING DISCHARGE EVENT MONITORING (31) 63/455,852 (32) 30.03.23 (33) US 18/143,404 04.05.23 US 18/144,917 09.05.23 US 18/144,966 09.05.23 US 18/195,001 09.05.23 US 18/195,010 09.05.23 US 18/195,038 09.05.23 US 18/195,060 09.05.23 US 18/195,139 09.05.23 US</p> <hr/> <p>(71) Armaments Research Company Inc. (21) 2023208139 (22) 26.07.2023 (54) A WEAPON USAGE MONITORING SYSTEM HAVING DISCHARGE</p>
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(31) 63/455,852	(32) 30.03.23	(33) US	(62) 2021203380	(62) 2021203748	
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18/144,917	09.05.23	US	Centre national de la recherche scientifique see Université d'Aix-Marseille		
18/144,966	09.05.23	US	(21) 2023208079		
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18/195,010	09.05.23	US	(71) Chengdu Kanghua Biological Products Co., Ltd.	(21) 2023206227 (22) 21.07.2023	
18/195,038	09.05.23	US	(21) 2023206217 (22) 21.07.2023	(54) A hexavalent norovirus VLP vaccine and a preparation method thereof	
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18/195,139	09.05.23	US	(62) 2021200928	(71) CiDRA Corporate Services LLC	
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(71) Armaments Research Company Inc.	(21) 2023208140	(22) 26.07.2023	(71) BETAPACK, S.A.U.	(21) 2023208124	(22) 26.07.2023
(54) A WEAPON USAGE MONITORING SYSTEM HAVING A SIGNAL PROCESSING MODULE THAT DETERMINES A DISCHARGE EVENT	(31) 63/455,852	(32) 30.03.23 (33) US	(21) 2023208157 (22) 27.07.2023	(54) Polymer coating for selective separation of hydrophobic particles in aqueous slurry	(62) 2017354147
18/143,404	04.05.23	US	(54) ANTI-SPLASH HINGED CLOSING CAP	<hr/>	
18/144,917	09.05.23	US	(31) U202231244 (32) 27.07.22 (33) ES	(71) Clearflow Group Inc.	(21) 2023208122 (22) 26.07.2023
18/144,966	09.05.23	US	<hr/>		
18/195,001	09.05.23	US	(71) Biocell Corporation Limited	(54) Method and system for clarifying water	(31) 63/392,856 (32) 27.07.22 (33) US
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(71) Astellas Pharma Inc.; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten	(21) 2023208150	(22) 27.07.2023	(54) Corrosion protection with AL/ZN-based coatings	(71) Dantherm Cooling Inc.	(21) 2023206187 (22) 20.07.2023
(54) MONOCLONAL ANTIBODIES AGAINST CLAUDIN-18 FOR TREATMENT OF CANCER	(62) 2020220128		(62) 2021200579	(54) Passive heat exchanger with single microchannel coil	(62) 2020227818
<hr/>			<hr/>		
(71) AUSTIN HARDWARE & SUPPLY, INC.	(21) 2023206236	(22) 22.07.2023	BOCO Silicon Valley, Inc. see The Board of Trustees of the Leland Stanford Junior University		
(54) COUNTERBALANCE HINGE ASSEMBLY	(31) 18/089,106	(32) 27.12.22 (33) US	(21) 2023208065	<hr/>	
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(71) Avacta Life Sciences Limited	(21) 2023208125	(22) 26.07.2023	BREEN, W. see VALLESE, M.		
(54) Scaffold proteins	(62) 2018295447		(21) 2023208119	<hr/>	
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(71) Aviana Molecular Technologies, LLC	(21) 2023208175	(22) 27.07.2023	(71) Breville Pty Limited	(21) 2023206194	(22) 20.07.2023
(54) Methods and apparatus for interfacing sensors with fluid materials	(62) 2018297263		(54) A sous vide appliance	(62) 2019240769	
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(71) B3 CORP PTY LTD	(21) 2023206200	(22) 20.07.2023	(71) CareDx, Inc.	(21) 2023208145	(22) 27.07.2023
(54) A Retaining Wall System	(62) 2022279431		(54) Methods of monitoring immunosuppressive therapies in a transplant recipient	(62) 2021204489	
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(71) Baxter Corporation Englewood	(21) 2023206198	(22) 20.07.2023	(71) CCTEG Chongqing Research Institute Co., Ltd	(21) 2023208152	(22) 27.07.2023
<hr/>			(54) A method for micro-angle stepping control of hydraulic motors	(31) 2022109858775	(32) 16.08.22 (33) CN
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(71) Cellix Bio Private Limited	(21) 2023208158	(22) 27.07.2023	(71) Deere & Company	(21) 2023208154	(22) 27.07.2023
<hr/>			(71) Deere & Company	(21) 2023208160	(22) 27.07.2023
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(71) Baxter Corporation Englewood	(21) 2023206198	(22) 20.07.2023	(54) Trench profile determination by motion	(31) 17/900612	(32) 31.08.22 (33) US
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(71) Baxter Corporation Englewood	(21) 2023206198	(22) 20.07.2023	<hr/>		

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<p>(54) Seeding system (62) 2017225170</p> <hr/> <p>(71) Deere & Company (21) 2023208164 (22) 27.07.2023 (54) Intermediate tanks for frame weight distribution (31) 63/401,766 (32) 29.08.22 (33) US</p> <hr/> <p>(71) Deere & Company (21) 2023208165 (22) 27.07.2023 (54) Greaseless gauge wheel arm assembly (31) 17/898,744 (32) 30.08.22 (33) US</p> <hr/> <p>(71) Dexcom, Inc. (21) 2023206215 (22) 21.07.2023 (54) Zwitterion surface modifications for continuous sensors (62) 2021204294</p> <hr/> <p>(71) Duke University (21) 2023208148 (22) 27.07.2023 (54) DEVICES, SYSTEMS AND METHODS FOR DEEP BRAIN STIMULATION PARAMETERS (62) 2021204159</p> <hr/> <p>(71) Dynamic Accession LLC (21) 2023208128 (22) 26.07.2023 (54) Dynamic motion resistance module (62) 2021261324</p> <hr/> <p>(71) Edwards Lifesciences Corporation (21) 2023208189 (22) 27.07.2023 (54) Prosthetic heart valve (62) 2022204582</p> <hr/> <p>(71) Eisai R&D Management Co., Ltd. (21) 2023208107 (22) 25.07.2023 (54) Composition comprising an anti-Aβ protofibril antibody and a beta-secretase BACE1 inhibitor for the treatment of Alzheimer's disease (62) 2017347838</p> <hr/> <p>(71) Eutech Cybernetic Pte Ltd (21) 2023206238 (22) 23.07.2023 (54) Integration platform to enable operational intelligence and user journeys for smart cities and the internet of things (62) 2021209140</p> <hr/> <p>(71) Financial & Risk Organisation Limited (21) 2023206202 (22) 20.07.2023 (54) RISK IDENTIFICATION AND RISK REGISTER GENERATION SYSTEM AND ENGINE (62) 2021205119</p> <hr/>	<p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2023208162 (22) 27.07.2023 (54) Humidification system connections (62) 2021201787</p> <hr/> <p>(71) Fortress Iron, LP (21) 2023208194 (22) 27.07.2023 (54) Deck framing system (62) 2017338861</p> <hr/> <p>(71) Four Guardians Pty Ltd. (21) 2023206230 (22) 21.07.2023 (54) A PROTEASE INHIBITOR AND THE PHARMACEUTICAL SALT THEREOF (62) 2021204633</p> <hr/> <p>(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2023208129 (22) 26.07.2023 (54) Method and apparatus for efficient delivery and usage of audio messages for high quality of experience (62) 2018348713</p> <hr/> <p>(71) Frontier Therapeutics Limited (21) 2023206188 (22) 20.07.2023 (54) Patient Turning Apparatus and Method (62) 2018357089</p> <hr/> <p>(71) Fujitsu Limited (21) 2023206218 (22) 21.07.2023 (54) Comparison support program, comparison support method, and information processing apparatus (31) 2022-175148 (32) 31.10.22 (33) JP</p> <hr/> <p>(71) Fujitsu Limited (21) 2023206220 (22) 21.07.2023 (54) Comparison support program, comparison support method, and information processing apparatus (31) 2022-174965 (32) 31.10.22 (33) JP</p> <hr/> <p>(71) FUNCTION (QINGDAO) MARINE TECHNOLOGY CO., LTD. (21) 2023208144 (22) 26.07.2023 (54) PROCESS FOR PRODUCING ANT-ARCTIC KRILL OIL (31) 202211036577.9 (32) 29.08.22 (33) CN</p> <hr/> <p>(71) Gen-Probe Incorporated (21) 2023208168 (22) 27.07.2023 (54) Analytical systems and methods (62) 2019212931</p> <hr/> <p>(71) GeoRoc International, Inc. (21) 2023206234 (22) 22.07.2023 (54) COMPOSITION AND METHOD FOR THE PROCESSING OF HAZARDOUS SLUDGES AND ION EXCHANGE MEDIA (62) 2018221145</p> <hr/>	<p>(71) Gillam, R. (21) 2023208174 (22) 27.07.2023 (54) Traffic management display system and controller for the same (31) 790728 (32) 27.07.22 (33) NZ</p> <hr/> <p>(71) Globaltech Corporation Pty Ltd; Longyear TM, Inc. (21) 2023206209 (22) 20.07.2023 (54) Core barrel head assembly with an integrated sample orientation tool and system for using same (62) 2021204633</p> <hr/> <p>(71) Google LLC (21) 2023208179 (22) 27.07.2023 (54) CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR ROBUST QUANTUM ANNEALING PROCESSES (62) 2021225194</p> <hr/> <p>(71) Guardant Health, Inc. (21) 2023206196 (22) 20.07.2023 (54) Detection and treatment of disease exhibiting disease cell heterogeneity and systems and methods for communicating test results (62) 2020264326</p> <hr/> <p>(71) Halkey-Roberts Corporation (21) 2023208151 (22) 27.07.2023 (54) Medical Luer connector (62) 2021206900</p> <hr/> <p>(71) Hanmi Pharm. Co., Ltd (21) 2023208081 (22) 24.07.2023 (54) IGG4 FC Fragment Comprising Modified Hinge Region (62) 2021225249</p> <hr/> <p>(71) Hanwha Azdel, Inc. (21) 2023206216 (22) 21.07.2023 (54) MULTI-LAYER ASSEMBLIES COMPRISING A REINFORCED THERMOPLASTIC SURFACE LAYER AND A CORE LAYER (62) 2018234583</p> <hr/> <p>(71) Harpoon Therapeutics, Inc. (21) 2023208064 (22) 24.07.2023 (54) Mesothelin binding proteins (62) 2018265856</p> <hr/> <p>(71) Harro Höfliger Verpackungsmaschinen GmbH (21) 2023208082 (22) 24.07.2023 (54) DEVICE FOR SEPARATING, TREATING AND REJOINING MULTIPIECE OBJECTS (31) 22186783.1 (32) 25.07.22 (33) EP</p>
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<p>(71) Hayward Industries, Inc. (21) 2023208121 (22) 26.07.2023 (54) Systems and methods for sanitizing pool and spa water (62) 2018239360</p>	<p>(54) NON-FUNGIBLE TOKENS FOR TRACKING GAMING DEVICE ACTIVITIES (31) 17/890,743 (32) 18.08.22 (33) US</p>	<p>(71) Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd. (21) 2023206228 (22) 21.07.2023 (54) PHOTOVOLTAIC MODULE AND METHOD FOR FOLDING THE SAME (31) 202211215987.X (32) 30.09.22 (33) CN</p>
<p>(71) Hestia Concepts Ltd. (21) 2023208171 (22) 27.07.2023 (54) Heating appliance (62) 2017332816</p>	<p>(71) IGT (21) 2023208088 (22) 25.07.2023 (54) NON-FUNGIBLE TOKENS AS GAMING AWARDS (31) 17/890,684 (32) 18.08.22 (33) US</p>	<p>(71) Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd. (21) 2023208083 (22) 24.07.2023 (54) PHOTOVOLTAIC MODULE AND METHOD FOR PREPARING THE SAME (31) 202211214419.8 (32) 30.09.22 (33) CN</p>
<p>(71) HNA Group Pty Ltd (21) 2023208073 (22) 24.07.2023 (54) A PORTABLE DEVICE AND METHOD OF USE THEREOF (31) 2022902773 (32) 26.09.22 (33) AU</p>	<p>(71) Illinois Tool Works Inc. (21) 2023208153 (22) 27.07.2023 (54) Threaded fastener (62) 2017362872</p>	<p>Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd. (21) 2023206210</p>
<p>(71) Hoolest Performance Technologies, Inc. (21) 2023208170 (22) 27.07.2023 (54) Non-invasive nerve stimulation devices, electrode assemblies, and methods of use thereof (62) 2019260734</p>	<p>(71) Illumina, Inc. (21) 2023208074 (22) 24.07.2023 (54) HYDROGEL BEADS FOR NUCLEOTIDE SEQUENCING (62) 2022203968</p>	<p>(71) JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD. (21) 2023208147 (22) 27.07.2023 (54) PHOTOVOLTAIC MODULE AND MANUFACTURING METHOD FOR PHOTOVOLTAIC MODULE (31) 202310483557.4 (32) 28.04.23 (33) CN</p>
<p>(71) Howmedica Osteonics Corp. (21) 2023208193 (22) 27.07.2023 (54) Virtual guidance for orthopedic surgical procedures (62) 2019289084</p>	<p>Institut National de la Santé et de la Recherche Médicale see Université d'Aix-Marseille (21) 2023208079</p>	<p>Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten see Astellas Pharma Inc. (21) 2023208150</p>
<p>(71) HOWMEDICA OSTEONICS CORP. (21) 2023208130 (22) 26.07.2023 (54) DUAL MOBILITY HIP RESURFACING (31) 63/392,693 (32) 27.07.22 (33) US</p>	<p>Institut Paoli-Calmettes see Université d'Aix-Marseille (21) 2023208079</p>	<p>(71) Joy Global Underground Mining Llc (21) 2023206186 (22) 20.07.2023 (54) Cutting device with tapered cutting element (62) 2017269407</p>
<p>(71) Huawei Technologies Co., Ltd. (21) 2023206208 (22) 20.07.2023 (54) A VIDEO ENCODER, A VIDEO DECODER AND CORRESPONDING METHODS (62) 2019335454</p>	<p>(71) InterDigital VC Holdings, Inc. (21) 2023208181 (22) 27.07.2023 (54) Generalized bi-prediction and weighted prediction (62) 2019354653</p>	<p>(71) Juno Therapeutics GmbH (21) 2023206191 (22) 20.07.2023 (54) Methods, kits, agents and apparatuses for transduction (62) 2016341527</p>
<p>(71) Hydrobe Pty Ltd (21) 2023208096 (22) 25.07.2023 (54) Process and system for generating hydrogen (62) 2020245709</p>	<p>(71) International Paper Company (21) 2023208183 (22) 27.07.2023 (54) Odor-Control Absorbent Materials and Absorbent Articles and Related Methods and Use and Methods of Making (62) 2020250314</p>	<p>(71) K.J. Manufacturing Co. (21) 2023208201 (22) 28.07.2023 (54) COMPLETE VOLUME DRAINING OIL PAN AND DEVICE (62) 2017363175</p>
<p>(71) I911 International, Inc. (21) 2023208112 (22) 26.07.2023 (54) SYSTEM FOR SEAMLESSLY TRACKING A WATER VESSEL USING SATELLITE AND MOBILE DATA (62) 2021328131</p>	<p>(71) Ironskinn (21) 2023208086 (22) 24.07.2023 (54) Buoyancy aid</p>	<p>(71) Kal Tire (21) 2023206199 (22) 20.07.2023 (54) GRAVITY ASSIST SYSTEM (62) 2017323888</p>
<p>(71) IGT (21) 2023208087 (22) 25.07.2023</p>	<p>(71) JCM American Corporation (21) 2023208104 (22) 25.07.2023 (54) CURRENCY TRACKING AND ACCOUNTING SYSTEMS (62) 2020279719</p>	<p>Kite Pharma, Inc. see Amgen Inc. (21) 2023208077</p>
<p>(71) JelliSee Ophthalmics Inc. (21) 2023206222 (22) 21.07.2023 (54) INTRAOCULAR LENSES WITH SHAPE-CHANGING OPTICS (62) 2021310476</p>	<p>(71) Komatsu Ltd. (21) 2023206207 (22) 20.07.2023</p>	<p></p>

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(54) Construction site management device, output device, and construction site management method
(62) 2021203463

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
(21) 2023206195 (22) 20.07.2023
(54) PROCESS AND PLANT FOR PROVIDING SYNTHESIS GAS AND FOR PRODUCING METHANOL
(31) 22190457.6 (32) 16.08.22 (33) EP

(71) Lam, T.T.
(21) 2023208068 (22) 24.07.2023
(54) MACHINE LEARNING BASED OPTIMAL CONTROL SYSTEM FOR MAGNETIC CONTINUOUS VARIABLE TRANSMISSION
(31) 2023900824 (32) 24.03.23 (33) AU
2023902148 04.07.23 AU

(71) Lam, T.T.
(21) 2023208172 (22) 27.07.2023
(54) MAGNETIC POWERTRAIN FOR WAVE ENERGY POWER PLANT
(31) 2023902148 (32) 04.07.23 (33) AU

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(21) 2023208084

(71) Lawrence Livermore National Security, LLC; The Regents of The University of California
(21) 2023208163 (22) 27.07.2023
(54) System and method for computed axial lithography (CAL) for 3D additive manufacturing
(62) 2018266447

(71) Lemonex Inc.
(21) 2023208105 (22) 25.07.2023
(54) Immunoreactant carrier
(62) 2019317939

(71) Lewis, M.
(21) 2023208075 (22) 24.07.2023
(54) SAFETY CORRIDOR ARRANGEMENT
(31) 2020900014 (32) 05.01.20 (33) AU
(62) 2022200839

(71) LG Electronics Inc.
(21) 2023206205 (22) 20.07.2023
(54) REFRIGERATOR
(62) 2019355698

(71) LG Electronics Inc.
(21) 2023206206 (22) 20.07.2023
(54) REFRIGERATOR
(62) 2019355698

(71) LG Electronics Inc.
(21) 2023206223 (22) 21.07.2023
(54) Cooking appliance
(31) 10-2022-0096306 (32) 02.08.22 (33) KR

(71) LG Electronics Inc.
(21) 2023208097 (22) 25.07.2023
(54) Refrigerator
(62) 2019355691

(71) LG Electronics Inc.
(21) 2023208100 (22) 25.07.2023
(54) Refrigerator
(62) 2019355677

(71) LG Electronics Inc.
(21) 2023208102 (22) 25.07.2023
(54) Refrigerator
(62) 2019352422

(71) LG Electronics Inc.
(21) 2023208106 (22) 25.07.2023
(54) Laundry treating apparatus
(62) 2019380202

(71) LG Electronics Inc.
(21) 2023208132 (22) 26.07.2023
(54) METHOD AND DEVICE FOR SIGNALING INFORMATION ON CHROMA FORMAT
(62) 2020240943

(71) LG Electronics Inc.
(21) 2023208134 (22) 26.07.2023
(54) TRANSFORM IN INTRA PREDICTION-BASED IMAGE CODING
(62) 2020258920

(71) LG Electronics Inc.
(21) 2023208173 (22) 27.07.2023
(54) REFRIGERATOR
(62) 2019352424

(71) LG Electronics Inc.
(21) 2023208188 (22) 27.07.2023
(54) REFRIGERATOR
(62) 2019352424

(71) Limco Group Pty Ltd
(21) 2023208108 (22) 25.07.2023
(54) Drain apparatus
(31) 2022902072 (32) 25.07.22 (33) AU

(71) Linhai Guokang Leisure Products Co., Ltd.
(21) 2023208116 (22) 26.07.2023
(54) Sun umbrella rod
(31) 2023214093877 (32) 21.02.23 (33) CN

(71) Linnane Pharma AB
(21) 2023208187 (22) 27.07.2023
(54) NOVEL THERAPY
(62) 2017342234

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(21) 2023206209

(71) Lyster, J.
(21) 2023206225 (22) 21.07.2023
(54) Monitoring Device
(62) 2021203696

(71) Lzlabs GmbH
(21) 2023208063 (22) 24.07.2023
(54) LOAD MODULE COMPILER
(62) 2021250948

(71) MAKO Surgical Corp.
(21) 2023208089 (22) 25.07.2023
(54) Systems and methods for surgical registration
(62) 2020232318

(71) Mansley, M.R.
(21) 2023208114 (22) 26.07.2023
(54) Crush-proof/Hi-lo mental health bed room institutions

(71) Mansley, M.R.
(21) 2023208117 (22) 26.07.2023
(54) A mental health electro-magnetic bed placement system

(71) Maytronics Ltd.
(21) 2023208182 (22) 27.07.2023
(54) Navigating a pool related platform
(31) 63/369,653 (32) 27.07.22 (33) US
63/369,655 27.07.22 US
63/376,755 22.09.22 US

(71) McDonald, F.
(21) 2023208195 (22) 27.07.2023
(54) Easy Earth

(71) MedImmune, LLC
(21) 2023208166 (22) 27.07.2023
(54) BISPECIFIC BINDING PROTEINS AND USES THEREOF
(62) 2020204497

(71) Merck Sharp & Dohme LLC
(21) 2023208115 (22) 26.07.2023
(54) Methods for treating cancer with anti PD-1 antibodies and anti CTLA4 antibodies
(62) 2019222517

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<p>(71) Mettler Packaging Pty. Ltd. (21) 2023206233 (22) 21.07.2023 (54) Bag, in particular plastics bag, for used coffee capsules, method for collecting and recycling used coffee capsules and use of such bags for collection and shipping of used coffee capsules (62) 2021201978</p>	<p>(71) Pfizer Inc. (21) 2023206219 (22) 21.07.2023 (54) Methods for purifying bacterial polysaccharides (62) 2020225578</p>	<p>(71) Shepherd, S. (21) 2023208072 (22) 24.07.2023 (54) self levitating metamaterial</p>
<p>(71) Michu Pet Supplies Pty Ltd (21) 2023208101 (22) 25.07.2023 (54) A Manufacturing Method for Cat Litter Made from Recycled Coffee Grounds</p>	<p>(71) Poseida Therapeutics, Inc. (21) 2023208176 (22) 27.07.2023 (54) VCAR compositions and methods for use (62) 2018393110</p>	<p>(71) SITA Information Networking Computing UK Limited (21) 2023208118 (22) 26.07.2023 (54) SYSTEM, DEVICE AND METHOD FOR PROVIDING PASSENGER OR USER INFORMATION (62) 2018268152</p>
<p>(71) Microvascular Tissues, Inc (21) 2023206197 (22) 20.07.2023 (54) ENHANCED MULTIPOTENT CELLS AND MICROVASCULAR TISSUE AND METHODS OF USE THEREOF (62) 2017225797</p>	<p>(71) Poynting Antennas (Pty) Limited (21) 2023206190 (22) 20.07.2023 (54) ANTENNA DOME ASSEMBLY (31) 2032853 (32) 25.08.22 (33) NL</p>	<p>(71) Slidewaze Pty Ltd (21) 2023208085 (22) 24.07.2023 (54) Slidewaze, the easy patient mover</p>
<p>(71) Miles, S. (21) 2023208161 (22) 27.07.2023 (54) WHEEL CARRIER (62) 2021202680</p>	<p>(71) ResMed Pty Ltd (21) 2023208184 (22) 27.07.2023 (54) VENT ADAPTOR FOR A RESPIRATORY THERAPY SYSTEM (62) 2017391760</p>	<p>(71) Smart Medical Devices, Inc. (21) 2023208149 (22) 27.07.2023 (54) DRIVING DEVICES AND METHODS FOR DETERMINING MATERIAL STRENGTH IN REAL-TIME (62) 2017217864</p>
<p>(71) Mitsubishi Electric Corporation (21) 2023208167 (22) 27.07.2023 (54) Rotor, electric motor, compressor, and air conditioner (62) 2019455656</p>	<p>(71) Rheem Australia Pty Limited (21) 2023208103 (22) 25.07.2023 (54) WATER HEATER CONTROLLER (62) 2017228556</p>	<p>(71) Snap-on Incorporated (21) 2023206193 (22) 20.07.2023 (54) Test device (31) 17/875,371 (32) 27.07.22 (33) US</p>
<p>(71) Northwest Biotherapeutics, Inc. (21) 2023208190 (22) 27.07.2023 (54) METHODS RELATING TO ACTIVATED DENDRITIC CELL COMPOSITIONS AND IMMUNOTHERAPEUTIC TREATMENTS FOR SUBJECTS WITH ADVANCED CANCERS (62) 2016323066</p>	<p>(71) Sayfa R&D Pty Ltd (21) 2023206224 (22) 21.07.2023 (54) A fall arrest roof mount anchor (62) 2022283696</p>	<p>(71) Soden, M.; Lavery, W. (21) 2023208084 (22) 24.07.2023 (54) JEWELLERY KEEPER (31) 2018904956 (32) 27.12.18 (33) AU (62) 2019416794</p>
<p>(71) NTT DOCOMO, INC. (21) 2023208191 (22) 27.07.2023 (54) Audio coding device, audio coding method, audio coding program, audio decoding device, audio decoding method, and audio decoding program (62) 2022202856</p>	<p>Seagen Inc. see Agensys, Inc. (21) 2023206231</p>	<p>(71) Sungrow Energy Storage Technology Co., Ltd. (21) 2023208120 (22) 26.07.2023 (54) Stacked power supply modules (31) 202320644845.9 (32) 28.03.23 (33) CN</p>
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<p>(71) OREN, R. (21) 2023206221 (22) 21.07.2023 (54) Method for producing a tool including a sheet (31) 295305 (32) 02.08.22 (33) IL</p>	<p>(71) SelectImmune Pharma AB (21) 2023208109 (22) 25.07.2023 (54) Novel therapy (62) 2021202603</p>	<p>(71) SunMed Group Holdings, LLC. (21) 2023208155 (22) 27.07.2023 (54) Suction catheter adaptor (62) 2021206910</p>
	<p>(71) Sequana Medical NV (21) 2023206204 (22) 20.07.2023 (54) Systems and methods for managing and analyzing data generated by an implantable device (62) 2017316520</p>	<p>(71) SUPERSONIC IMAGINE (21) 2023208066 (22) 24.07.2023 (54) METHOD AND SYSTEM FOR EVALUATING ULTRASOUND DATA FOR THE PURPOSE OF ULTRASOUND ATTENUATION ESTIMATION IN A MEDIUM (31) 22315178.8 (32) 04.08.22 (33) EP</p>
	<p>(71) seward, k. (21) 2023208099 (22) 25.07.2023 (54) Trigger Aid for push button spray can (31) 2023902279 (32) 17.07.23 (33) AU</p>	

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<p>(71) Syniverse Technologies, LLC (21) 2023206235 (22) 22.07.2023 (54) Interworking Function for VoLTE Outbound Roaming (31) 17/872,237 (32) 25.07.22 (33) US 18/170,998 17.02.23 US</p>	<p>(71) The Coca-Cola Company (21) 2023208135 (22) 26.07.2023 (54) BIO-BASED POLYETHYLENE TEREPHTHALATE POLYMER AND METHOD OF MAKING THE SAME (62) 2021203661</p>	<p>(54) Solar Cell And Preparation Method Thereof (31) 202211337692.X (32) 28.10.22 (33) CN</p>
<p>Technische Universität München see Technische Universität München - Klinikum rechts der Isar (21) 2023208070</p>	<p>(71) The General Hospital Corporation (21) 2023208113 (22) 26.07.2023 (54) Variants of CRISPR from Prevotella and Francisella 1 (Cpf1) (62) 2017302551</p>	<p>(71) truRating Limited (21) 2023206239 (22) 24.07.2023 (54) PIN entry device (62) 2021203437</p>
<p>(71) Technische Universität München - Klinikum rechts der Isar; Technische Universität München (21) 2023208070 (22) 24.07.2023 (54) Cancer diagnostic imaging agents (62) 2020215086</p>	<p>(71) The NOCO Company (21) 2023208159 (22) 27.07.2023 (54) JUMP STARTING DEVICE WITH ENHANCED (TURBO) BOOST MODE (62) 2021213039</p>	<p>(71) Université d'Aix-Marseille; Centre national de la recherche scientifique; Institut National de la Santé et de la Recherche Médicale; Institut Paoli-Calmettes (21) 2023208079 (22) 24.07.2023 (54) Process for preparing a composition comprising a combined cell population (31) 21306627.7 (32) 23.11.21 (33) EP</p>
<p>(71) Technological Resources Pty. Limited (21) 2023208143 (22) 26.07.2023 (54) IMPACT DETECTION SYSTEM (62) 2021202770</p>	<p>(71) The Raymond Corporation (21) 2023208127 (22) 26.07.2023 (54) Navigation alignment systems and methods for a material handling vehicle (31) 63/393,718 (32) 29.07.22 (33) US</p>	<p>(71) VALLESE, M.; BREEN, W. (21) 2023208119 (22) 26.07.2023 (54) PLUMBING FITTING AND SEAT (31) 2022902685 (32) 16.09.22 (33) AU</p>
<p>(71) TE Connectivity Solutions GmbH (21) 2023208098 (22) 25.07.2023 (54) Assemblies for mitigating dry band arcing on power distribution line insulators (31) 17/875,673 (32) 28.07.22 (33) US</p>	<p>The Regents of The University of California see Lawrence Livermore National Security, LLC (21) 2023208163</p>	<p>(71) ViaSat, Inc. (21) 2023208093 (22) 25.07.2023 (54) STEERING NETWORK TRAFFIC OVER MULTIPLE ACCESS NETWORKS (62) 2022200364</p>
<p>(71) Tencent America LLC (21) 2023208142 (22) 26.07.2023 (54) METHOD FOR SIGNALING OUTPUT SUBPICTURE LAYER SET (62) 2020352898</p>	<p>(71) Thermodynamic Design, LLC (21) 2023208090 (22) 25.07.2023 (54) CUSTOMIZABLE DATA MANAGEMENT SYSTEM (62) 2021203449</p>	<p>(71) ViaSat, Inc. (21) 2023208133 (22) 26.07.2023 (54) CIRCUIT ARCHITECTURE FOR DISTRIBUTED MULTIPLEXED CONTROL AND ELEMENT SIGNALS FOR PHASED ARRAY ANTENNA (62) 2018415839</p>
<p>(71) Tencent America LLC (21) 2023208177 (22) 27.07.2023 (54) Method and apparatus for encoding or decoding video data, and computer-readable storage medium (62) 2020407109</p>	<p>(71) The University of British Columbia (21) 2023208186 (22) 27.07.2023 (54) DEVICES AND METHODS FOR CELLULAR SECRETION ANALYSIS (62) 2017233729</p>	<p>(71) W.M. Barr & Company, Inc. (21) 2023206237 (22) 22.07.2023 (54) Spray Wand (31) 18/103,717 (32) 31.01.23 (33) US</p>
<p>(71) The Board of Trustees of the Leland Stanford Junior University; BOCO Silicon Valley, Inc. (21) 2023208065 (22) 24.07.2023 (54) GENOME EDITING OF HUMAN NEURAL STEM CELLS USING NUCLEASES (62) 2017250683</p>	<p>(71) The Video Call Center, LLC (21) 2023208123 (22) 26.07.2023 (54) Video call center (62) 2021203218</p>	<p>(71) Willand (Beijing) Technology Co., LTD. (21) 2023208095 (22) 25.07.2023 (54) IMAGE ACQUISITION APPARATUS AND SELF-MOVING DEVICE (31) 2022221166789 (32) 11.08.22 (33) CN</p>
<p>(71) The Board of Trustees of the Leland Stanford Junior University (21) 2023208094 (22) 25.07.2023 (54) Nutritional treatment for cancer (62) 2021203394</p>	<p>(71) TMA Capital Australia Pty Ltd (21) 2023208192 (22) 27.07.2023 (54) System, method and computer program for an access control system (62) 2021200084</p>	<p>(71) Zenflow, Inc. (21) 2023206226 (22) 21.07.2023 (54) SYSTEMS, DEVICES, AND METHODS FOR THE ACCURATE DEPLOYMENT OF AN IMPLANT IN THE PROSTATIC URETHRA (62) 2017371223</p>
<p>(71) Trina Solar Co., Ltd. (21) 2023208078 (22) 24.07.2023 (54) Solar Cell And Preparation Method Thereof (31) 202211333808.2 (32) 28.10.22 (33) CN</p>	<p>(71) Trina Solar Co., Ltd. (21) 2023208080 (22) 24.07.2023</p>	<p>(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd. (21) 2023206210 (22) 20.07.2023</p>

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(54) SOLAR CELL, METHOD FOR MANUFACTURING SOLAR CELL, AND PHOTOVOLTAIC MODULE

(62) 2022246376

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(21) 2023206228

Zhejiang Jinko Solar Co., Ltd. see Jinko Solar (Haining) Co., Ltd.

(21) 2023208083

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(21) 2023208147

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2023206190	Poynting Antennas (Pty) Limited	2023208080	Trina Solar Co., Ltd.
2023206191	Juno Therapeutics GmbH	2023208081	Hanmi Pharm. Co., Ltd
2023206192	Adobe Inc.	2023208082	Harro Höfliger Verpackungsmaschinen GmbH
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2023206194	Breville Pty Limited		
2023206195	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude	2023208084	Soden, M.; Lavery, W.
		2023208085	Slidewaze Pty Ltd
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2023206197	Microvascular Tissues, Inc	2023208087	IGT
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2023206200	B3 CORP PTY LTD	2023208090	Thermodynamic Design, LLC
2023206202	Financial & Risk Organisation Limited	2023208091	Bluescope Steel Limited
2023206203	Adobe Inc.	2023208092	SEASON AGRICULTURAL TECHNOLOGY CO., LTD.
2023206204	Sequana Medical NV	2023208093	ViaSat, Inc.
2023206205	LG Electronics Inc.	2023208094	The Board of Trustees of the Leland Stanford Junior University
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2023206207	Komatsu Ltd.	2023208095	Willand (Beijing) Technology Co., LTD.
2023206208	Huawei Technologies Co., Ltd.	2023208096	Hydrobe Pty Ltd
2023206209	Globaltech Corporation Pty Ltd; Longyear TM, Inc.	2023208097	LG Electronics Inc.
2023206210	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2023208098	TE Connectivity Solutions GmbH
2023206212	Biocell Corporation Limited	2023208099	seward, k.
2023206215	Dexcom, Inc.	2023208100	LG Electronics Inc.
2023206216	Hanwha Azdel, Inc.	2023208101	Michu Pet Supplies Pty Ltd
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2023206218	Fujitsu Limited	2023208103	Rheem Australia Pty Limited
2023206219	Pfizer Inc.	2023208104	JCM American Corporation
2023206220	Fujitsu Limited	2023208105	Lemonex Inc.
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2023206222	JelliSee Ophthalmics Inc.	2023208107	Eisai R&D Management Co., Ltd.
2023206223	LG Electronics Inc.	2023208108	Limco Group Pty Ltd
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 2023208146 Deere & Company
 2023208147 JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD.
 2023208148 Duke University
 2023208149 Smart Medical Devices, Inc.
 2023208150 Astellas Pharma Inc.; Johannes Gutenberg-Universität Mainz, vertreten durch den Präsidenten
 2023208151 Halkey-Roberts Corporation
 2023208152 CCTEG Chongqing Research Institute Co., Ltd
 2023208153 Illinois Tool Works Inc.
 2023208154 Deere & Company
 2023208155 SunMed Group Holdings, LLC.
 2023208157 BETAPACK, S.A.U.
 2023208158 Cellix Bio Private Limited
 2023208159 The NOCO Company
 2023208160 Deere & Company
 2023208161 Miles, S.
 2023208162 FISHER & PAYKEL HEALTHCARE LIMITED
 2023208163 Lawrence Livermore National Security, LLC; The Regents of The University of California
 2023208164 Deere & Company
 2023208165 Deere & Company
 2023208166 MedImmune, LLC
 2023208167 Mitsubishi Electric Corporation
 2023208168 Gen-Probe Incorporated
 2023208169 Apple Inc.
 2023208170 Hoolest Performance Technologies, Inc.
 2023208171 Hestia Concepts Ltd.
 2023208172 Lam, T.T.
 2023208173 LG Electronics Inc.
 2023208174 Gillam, R.
 2023208175 Aviana Molecular Technologies, LLC
 2023208176 Poseida Therapeutics, Inc.
 2023208177 Tencent America LLC
 2023208178 ARGO COMPUTING SERVICES PTY LTD
 2023208179 Google LLC
 2023208180 Anagnostopoulos, C.
 2023208181 InterDigital VC Holdings, Inc.
 2023208182 Maytronics Ltd.
 2023208183 International Paper Company
 2023208184 ResMed Pty Ltd
 2023208185 Acer Incorporated
 2023208186 The University of British Columbia
 2023208187 Linnane Pharma AB
 2023208188 LG Electronics Inc.
 2023208189 Edwards Lifesciences Corporation
 2023208190 Northwest Biotherapeutics, Inc.
 2023208191 NTT DOCOMO, INC.
 2023208192 TMA Capital Australia Pty Ltd
 2023208193 Howmedica Osteonics Corp.
 2023208194 Fortress Iron, LP
 2023208195 McDonald, F.
 2023208201 K.J. Manufacturing Co.

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 25 Jul 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) 2MT Mining Products Pty Ltd
(21) 2023100069 **(22)** 25.07.2023
(54) PROTECTION SYSTEMS
(62) 2020317370,2022202367

(71) 2MT Mining Products Pty Ltd
(21) 2023100070 **(22)** 26.07.2023
(54) PROTECTION SYSTEMS
(62) 2020317370,2022202367

(71) Fantom Hardware Pty Ltd
(21) 2023100071 **(22)** 28.07.2023
(54) A door stop
(62) 2022100147

Numerical Index

2023100069 2MT Mining Products Pty Ltd
2023100070 2MT Mining Products Pty Ltd

2023100071 Fantom Hardware Pty Ltd

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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2023

2023202823 (1B) 2023202863 (1B)

Complete Specifications Treated as Provisional Specifications, Section 37

2023

2023206230 **Four Guardians Pty Ltd.** Provisional Number:
2023902398

Assignments before Grant, Section 113

2019

2019221631 **Biom'up France SAS** The application has been assigned to **DILON TECHNOLOGIES INC.**

2019317336 **Verily Life Sciences LLC** The application has been assigned to **DexCom, Inc.; Verily Life Sciences LLC**

2019394821 **Bickford, Davey; Commissariat A L'Energie Atomique Et Aux Energies Alternatives** The application has been assigned to **Bickford, Davey**

2019400901 **Commissariat a l'Energie Atomique et aux Energies Alternatives; Bickford, Davey** The application has been assigned to **Bickford, Davey**

2020

2020258483 **Codiak BioSciences, Inc.** The application has been assigned to **Evox Therapeutics, Ltd.**

2020295410 **Opiant Pharmaceuticals, Inc.** The application has been assigned to **Indivior UK Limited**

2020296012 **Opiant Pharmaceuticals, Inc.** The application has been assigned to **Indivior UK Limited**

2020298543 **PerkinElmer Health Sciences, Inc.** The application has been assigned to **PerkinElmer U.S. LLC**

2020309155 **Ascodero Productique; Societe Internationale Pour le Commerce et l'Industrie** The application has been assigned to **SICOMIN HOLDING; Ascodero Productique**

2020315591 **AMX Axis, LLC** The application has been assigned to **AMX Technologies, LLC**

2020340467 **Epho Pty Ltd; Siemens Ltd** The application has been assigned to **Sustainable Business Energy Solutions Pty Ltd**

2020344704 **MIOS Marketing LLC** The application has been assigned to **Treace Medical Concepts, Inc.**

2020434019 **PerkinElmer Health Sciences, Inc.** The application has been assigned to **PerkinElmer U.S. LLC**

2021

2021230488 **PerkinElmer Health Sciences, Inc.** The application has been assigned to **PerkinElmer U.S. LLC**

Assignments before Grant, Section 113

2021245218 **Stryker Corporation** The application has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2021280260 **Monés, Jordi; Lineage Cell Therapeutics, Inc.; Hadasit Medical Research Services and Development Ltd.** The application has been assigned to **Lineage Cell Therapeutics, Inc.; Hadasit Medical Research Services and Development Ltd.**

2021342819 **SYQE MEDICAL LTD** The application has been assigned to **Echo ID Ltd**

2021401813 **MEISSNER, Alexander; MICHOR, Franziska; SHI, Jiantao; SMITH, Zachary, D.; President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.** The application has been assigned to **President and Fellows of Harvard College; Dana-Farber Cancer Institute, Inc.**

2022

2022202968 **Savoy Timber Ltd.** The application has been assigned to **LOW MAINTENANCE IMPORTING PTY LTD**

2022209828 **WASHINGTON UNIVERSITY; BATEMAN, Randall; HORIE, Kanta; LI, Yan; MCDADE, Eric; BARTHELEMY, Nicolas** The application has been assigned to **WASHINGTON UNIVERSITY**

2022279372 **Buzzworks Pty Ltd** The application has been assigned to **Buzzworks Think Tank Pty Ltd**

2022902088 **Vecor Technologies Pty Limited** The application has been assigned to **NewSouth Innovations Pty Limited**

2022902496 **Badcock, Rodney; Bumby, Christopher; Guja, Dylan** The application has been assigned to **Victoria Link Limited**

2023

2023202752 **Opiant Pharmaceuticals, Inc.** The application has been assigned to **Indivior UK Limited**

2023202806 **Deosan New Zealand Limited** The application has been assigned to **AGORA NZ LIMITED**

Extensions of Time, Section 223

Applications Received

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

2006

2006203308 **Ekistica Pty Ltd, T/A CAT Projects** An application to extend the time from 03 Aug 2022 to 03 Jun 2023 in which to pay a renewal fee has been filed . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2006203538 **Rural Industries Research & Development Corporation; The Crown in the right of the State of New South Wales** An application to extend the time from 16 Aug 2022 to 16 Aug 2023 in which to pay a renewal fee has been filed . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

Extensions of Time, Section 223

2008

2008283836 **IROA Technologies LLC** An application to extend the time from 06 Aug 2022 to 06 Aug 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017

2017263178 **medFit Beratungs-Und Beteiligungsges.m.b.H** An application to extend the time from 26 Apr 2022 to 26 May 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2019

2019100775 **Sadler, H.** An application to extend the time from 17 Jul 2022 to 17 May 2023 in which to pay a renewal fee has been filed . Address for service - Hamish Sadler 22 Worchester Cres Wakerley QLD 4154 AU

2019101410 **VRTY PTY LTD** An application to extend the time from 16 Nov 2022 to 16 Jun 2023 in which to pay a renewal fee has been filed . Address for service - VRTY PTY LTD 301/46 Kippax Street Surry Hills NSW 2010 AU

2021

2021220335 **UPL LIMITED** An application to extend the time from 12 Sep 2022 to 12 Aug 2023 in which to enter the National Phase has been filed . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2021220702 **UPL LIMITED** An application to extend the time from 12 Sep 2022 to 12 Aug 2023 in which to enter the National Phase has been filed . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

Applications Allowed - Section 223(2)

2014

2014262690 **Engineered Corrosion Solutions, LLC** The time in which to pay a renewal fee has been extended to 07 Mar 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015242997 **Peterson, K.** The time in which to pay a renewal fee has been extended to 15 May 2023 . Address for service - AJ Pietras IP Limited AJ Pietras & Co Care of Collison & Co 117 King William Street (GPO Box 2556) Adelaide SA 5000 AU

2018

2018205092 **L&H Industrial, Inc.** The time in which to pay a continuation fee has been extended to 10 Mar 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018220097 **Truth Hardware Corporation** The time in which to pay a continuation fee has been extended to 23 Mar 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018220147 **Aurora Flight Sciences Corporation** The time in which to pay the acceptance fee has been extended to 16 Jul 2023 . Address for

Extensions of Time, Section 223

service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018297291 **Ouster, Inc.** The time in which to pay a continuation fee has been extended to 05 Apr 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018311261 **All Weather Sportscover Limited; Doig, M.** The time in which to pay the acceptance fee has been extended to 13 Aug 2023 . Address for service - HoppoodGanim Level 8 Waterfront Place 1 Eagle Street BRISBANE QLD 4000 AU

2019

2019201161 **EnviroGold Global Pty Ltd** The time in which to pay a renewal fee has been extended to 19 Feb 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019313156 **McGhee, J.** The time in which to request examination has been extended to 09 Aug 2023 . Address for service - protectmyidea.com.au PO Box 5005 Empire Bay NSW 2257 AU

2021

2021349301 **ZOETIS SERVICES LLC** The time in which to enter the National Phase has been extended to 28 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021401154 **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC); OXFORD BROOKES UNIVERSITY** The time in which to enter the National Phase has been extended to 16 Aug 2023 . Address for service - Wallington-Dummer Suite 1005 Level 10 66 Hunter Street Sydney NSW 2000 AU

2022

2022202226 **Mayborn (UK) Limited** The time in which to pay a continuation fee has been extended to 21 Mar 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2023

2023200284 **Truetiva Inc.; Kennedy, J.P.** The time in which to claim the convention priority date has been extended to 16 Feb 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023200286 **Truetiva Inc.; Kennedy, J.P.** The time in which to claim the convention priority date has been extended to 03 Feb 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023200287 **Truetiva Inc.; Kennedy, J.P.** The time in which to claim the convention priority date has been extended to 20 Jan 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023202743 **MORSE MICRO PTY. LTD.** The time in which to comply with a direction under Reg 3.2A has been extended to 04 Aug 2023 . Address for service - MORSE MICRO PTY. LTD. L8, 10-14 WATERLOO ST SURRY HILLS NSW 2010 AU

2023202794 **Fisher & Paykel Healthcare Limited** The time in which to make a further application for a divisional patent has been extended to

Extensions of Time, Section 223

07 May 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2023203070 **Maytronics Ltd.** The time in which to claim the convention priority date has been extended to 16 May 2023 . Address for service - Blackwattle IP GPO Box 4310 Sydney NSW 2001 AU

2023204243 **Abiomed, Inc.** The time in which to make a further application for a divisional patent has been extended to 30 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

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

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

2014

2014314053 Antibodies neutralizing GM-CSF for use in the treatment of rheumatoid arthritis or as analgesics **Takeda Pharmaceutical Company Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2015

2015206189 VISTA antagonist and methods of use **The Trustees of Dartmouth College ; Spaller , M. ; Kings College London** The nature of the amendment is: Remove patentee Mark Spaller . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2016

2016211161 Protein delivery in primary hematopoietic cells **The Regents of The University of California** The nature of the amendment is as shown in the statement(s) filed 15 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017201632 A frame member **Rondo Building Services Pty Limited** The nature of the amendment is as shown in the statement(s) filed 11 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017302668 Combination therapies of chimeric antigen receptors and PD-1 inhibitors **Novartis AG ; The Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read Anak, Oezlem; Bilic, Sanela; Brogdon, Jennifer; Cameron, John Scott; Chou, William; Howard, Danny Roland Jr.; Isaacs, Randi; June, Carl H.; Lacey, Simon; Maude, Shannon; Melenhorst, Jan J.; Schuster, Stephen; Quintas-Cardama, Alfonso; Grupp, Stephan and Bitter, Hans . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017311089 Chimeric antigen receptors targeting BCMA and methods of use thereof **Legend Biotech Ireland Limited** The nature of

Amendments

the amendment is as shown in the statement(s) filed 26 Jun 2023 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2018

2018239360 Systems and methods for sanitizing pool and spa water **Hayward Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018306612 High concentration anti-C5 antibody formulations **Alexion Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018314280 Treatment of ophthalmic conditions such as macular degeneration, glaucoma, and diabetic retinopathy using pharmaceutical agents that eliminate senescent cells **Unity Biotechnology, Inc. ; Buck Institute for Research on Aging** The nature of the amendment is: The nature of the amendment is: DELETE APPLICANT: Buck Institute for Research on Aging; ADD APPLICANT: University of Montrea; ADD INVENTORS: SAPIEHA, Przemyslaw AND DEJDA, Agnieszka . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2018344739 Stereoselective process for preparing substituted polycyclic pyridone derivatives **Shionogi & Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to remove HAKOGI, Toshikazu . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018398889 New split-type shaft boring machine **China Railway Engineering Equipment Group Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2020

2020225578 Methods for purifying bacterial polysaccharides **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Jul 2023 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2020260070 Position-biased locking pin assembly for a ground engaging wear member **Hensley Industries, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2020260458 SOLAR TRACKER SYSTEM **FCX Solar LLC** The nature of the amendment is as shown in the statement(s) filed 24 Mar 2023 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2020277091 Methods And Compositions For Genome Engineering **Sangamo Therapeutics, Inc.** The nature of the amendment is

Amendments

as shown in the statement(s) filed 19 Jul 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021

2021200991 Lymph directing prodrugs **Monash University** The nature of the amendment is as shown in the statement(s) filed 13 Jun 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021204547 Plastic processing system and apparatus **Nilo Limited** The nature of the amendment is: Amend the name of the inventor to add HODGSON, Thomas Clarence . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

Amendments Made

2017

2017422536 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 03 May 2023

2018

2018206729 **Kymab Limited** The nature of the amendment is as shown in the statement filed 14 Dec 2022

2018350446 **Idemitsu Kosan Co., Ltd.** The nature of the amendment is: Amend the invention title to read AVIATION BIOFUEL COMPONENT, AVIATION BIOFUEL INCLUDING THE SAME, AND METHOD FOR PRODUCING AVIATION BIOFUEL

2018382585 **Cabot, J.** The nature of the amendment is: Amend the name of the inventor to read CULHANE, Chris; MAHON, Peter J.; MEL-LOR, Grant and CABOT, Jonathan

2018408897 **NTT DOCOMO, INC.** The nature of the amendment is: Amend the invention title to read USER TERMINAL AND RADIO COMMUNICATION METHOD

2018449796 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 02 May 2023

2019

2019230209 **Pliant Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read CHA, Jacob; DONG, Chengguo; HOM, Timothy; JIANG, Lan; LEFTHERIS, Katerina; LI, Hui; MORGANS JR., David J.; MUNOZ, Manuel; REILLY, Maureen; ZHENG, Yajun; BAILEY, Christopher and FINKELSTEIN, Darren

2019238946 **AB Dynamoborstfabriken** The nature of the amendment is as shown in the statement filed 24 Apr 2023

2019350528 **Ipsen Biopharm Limited; Institute of Molecular And Cell Biology, Biomedical Sciences Institutes** The nature of the amendment is: Amend the name of the inventor to read FOSTER, Keith; BEARD, Matthew; YEO CHANGYU, Jeremy; BARD, Frederic Andre Jean and TAY, Pei Ling Felicia

2019357997 **Stamm Vegh Corporation** The nature of the amendment is: Amend the name of the inventor to read LLAMAZARES VEGH, Juan Francisco

Amendments

2019369917 **CJ Cheiljedang Corporation** The nature of the amendment is as shown in the statement filed 27 Apr 2023

2019415478 **Xunteng (GUANGDONG) Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101847

2019463160 **Nuovo Pignone Tecnologie S.r.l.** The nature of the amendment is: Amend the invention title to read TWO-SHAFT GAS TURBINE CONTROL SYSTEM AND METHOD

2020

2020213761 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 28 Mar 2023

2020250454 **BEIJING UNISOC COMMUNICATIONS TECHNOLOGY CO., LTD.** The nature of the amendment is as shown in the statement filed 09 Mar 2023

2020270503 **Nippon Chemiphar Co., Ltd.** The nature of the amendment is as shown in the statement filed 25 Apr 2023

2020379793 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 18 Apr 2023

2020387088 **Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2023

2020413997 **Astellas Pharma Inc.; Kotobuki Pharmaceutical Co., Ltd.** The nature of the amendment is: Amend the invention title to read PYRIDAZINYL-THIAZOLECARBOXAMIDE COMPOUND

2020426967 **Toshiba Mitsubishi-Electric Industrial Systems Corporation** The nature of the amendment is: Amend the invention title to read Distributed-Power-Supply Power Conversion System

2021

2021201159 **FMC Corporation** The nature of the amendment is as shown in the statement filed 25 Jul 2023

2021201189 **2C Holdings Pty Ltd** The nature of the amendment is as shown in the statement filed 04 May 2023

2021202962 **Astex Therapeutics Limited; Cancer Research Technology Limited** The nature of the amendment is as shown in the statement filed 27 Apr 2023

2021203013 **Disruption Labs Inc.** The nature of the amendment is as shown in the statement filed 01 May 2023

2021204275 **Cardinal Health 529, LLC** The nature of the amendment is as shown in the statement filed 01 May 2023

2021216914 **Stamm Vegh Corporation** The nature of the amendment is: Amend the name of the inventor to read LLAMAZARES VEGH, Juan Francisco; CAMPANELLI, Ignacio Hector; CORTI, Gaston Oscar and HOSS, Emiliano

Amendments

2021240161 **InterDigital Patent Holdings, Inc.** The nature of the amendment is as shown in the statement filed 21 Apr 2023

2021351500 **NA BIOTECH CORP; ADEPT BIOPHARMACEUTICAL AND TECHNOLOGY LTD.** The nature of the amendment is as shown in the statement(s) filed 13 Jul 2023

2021393843 **SEQIRUS INC.** The nature of the amendment is as shown in the statement filed 30 Jun 2023

2021402085 **FOSECO INTERNATIONAL LIMITED** The nature of the amendment is as shown in the statement(s) filed 22 Jun 2023

2021406030 **PATHIOS THERAPEUTICS LIMITED** The nature of the amendment is: Amend the name of the inventor to read MC-CARTHY, Tom; NAYLOR, Alan; MILNE, Gavin; MILLER, David and IEVA, Maria

2021416579 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD, SYSTEM, AND APPARATUS FOR GENERATING KEY FOR INTER-DEVICE COMMUNICATION

2021416786 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read SPRINKLING VEHICLE CONTROL SYSTEM, SPRINKLING VEHICLE, AND SPRINKLING VEHICLE CONTROL METHOD

2021428715 **MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.** The nature of the amendment is: Amend the invention title to read UPDATE DEVICE, INDOOR AND OUTDOOR UNIT, UPDATE SYSTEM, UPDATE METHOD, AND PROGRAMME

2021428799 **MITSUBISHI HEAVY INDUSTRIES THERMAL SYSTEMS, LTD.** The nature of the amendment is: Amend the invention title to read UPDATE DEVICE, INDOOR AND OUTDOOR UNIT, UPDATE SYSTEM, UPDATE METHOD, AND PROGRAMME

2022

2022226500 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read SPRINKLING VEHICLE MANAGEMENT SYSTEM, SPRINKLING VEHICLE, AND SPRINKLING VEHICLE MANAGEMENT METHOD

2022279431 **B3 CORP PTY LTD** The nature of the amendment is as shown in the statement filed 17 Apr 2023

2022348882 **ISWIRL PTY LTD** The nature of the amendment is: Amend the name of the inventor to read Burman, Brian

2023

2023201045 **CCTEG Tiandi Science & Technology Co., Ltd.; CCTEG Energy Technology Development Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Wang, Hao; Li, Lei; Liu, Ningning; Su, Weiwei; Zhou, Rui; Tian, Fuchao; Zheng, Zhongyu; Jiao, Yue; Sun, Bochao; Wang, Qiangmin; Zou, Yongming; Yan, Xunqiang and Long, Bo

2023201142 **CCTEG TIANDI SCIENCE & TECHNOLOGY CO., LTD.; CCTEG SHENYANG RESEARCH INSTITUTE** The nature of the amendment is: Amend the name of the inventor to read WANG, Hao; SU, Weiwei; ZHOU, Rui; TIAN, Fuchao; ZHENG, Zhongyu; JIAO, Yue;

Amendments

SUN, Bochao; WANG, Qiangmin; ZOU, Yongming; YAN, Xunqiang; LIU, Bingquan and LONG, Bo

Alteration of Name(s) of Applicant(s)/Patentee(s)**2014**

2014305792 GlaxoSmithKline Intellectual Property (No.2) Limited; Anacor Pharmaceuticals, Inc. The name of the patentee has been altered to **GlaxoSmithKline Intellectual Property (No.2) Limited; Anacor Pharmaceuticals, LLC.**

2017

2017210567 GlaxoSmithKline Intellectual Property (No.2) Limited; Anacor Pharmaceuticals, Inc. The name of the patentee has been altered to **GlaxoSmithKline Intellectual Property (No.2) Limited; Anacor Pharmaceuticals, LLC.**

2017220314 The Feinstein Institute for Medical Research The name of the applicant has been altered to **The Feinstein Institutes for Medical Research**

2018

2018100149 REDENBACH LEE LAWYERS PTY LTD The name of the patentee has been altered to **Redenbach, K.**

2018350372 CSL Ltd. ; Canadian Blood Services The name of the applicant has been altered to **CSL Limited; Canadian Blood Services**

2018404876 WAWGD, Inc. The name of the patentee has been altered to **WAWGD Newco, LLC**

2019

2019208785 Suzhou Sinovent Pharmaceuticals Co., Ltd. The name of the applicant has been altered to **Evopoint Biosciences Co., Ltd.**

2019211693 Suzhou Sinovent Pharmaceuticals Co., Ltd. The name of the applicant has been altered to **Evopoint Biosciences Co., Ltd.**

2019216661 Cypher Medical LLC The name of the patentee has been altered to **Cypher Medical, LLC**

2019226225 The Chamberlain Group, Inc. The name of the applicant has been altered to **The Chamberlain Group LLC**

2019312416 Suzhou Sinovent Pharmaceuticals Co., Ltd. The name of the applicant has been altered to **Evopoint Biosciences Co., Ltd.**

2019424397 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shizhen Information Technology Company Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shizhen Information Technology Company Ltd.**

2019424684 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shirui Electronics Co. Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co. Ltd.**

2019430812 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shirui Electronics Co. Ltd. The name of the applicant has been

Amendments

altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co. Ltd.**

2019440651 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shizhen Information Technology Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shizhen Information Technology Co., Ltd.**

2019440748 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shizhen Information Technology Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shizhen Information Technology Co., Ltd.**

2019457052 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shizhen Information Technology Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shizhen Information Technology Co., Ltd.**

2019469487 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shizhen Information Technology Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shizhen Information Technology Co., Ltd.**

2019469575 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shizhen Information Technology Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shizhen Information Technology Co., Ltd.**

2020

2020289952 Zip Zinc Ltd The name of the applicant has been altered to **Zip Zinc Therapeutics Limited**

2020350902 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shirui Electronics Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd.**

2020359756 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shirui Electronics Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd.**

2020382526 Revlon Consumer Products Corporation The name of the applicant has been altered to **Revlon Consumer Products LLC**

2020390789 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shirui Electronics Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd.**

2020471932 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shirui Electronics Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shirui Electronics Co., Ltd.**

Amendments

2020477004 Guangzhou Shiyuan Electronics Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited**

2021

2021348017 Guangzhou Shiyuan Electronics Co., Ltd. The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited**

2022

2022200939 Intabio, Inc. The name of the applicant has been altered to **Intabio, LLC**

2022275169 Guangzhou Shiyuan Electronics Co., Ltd. ; Guangzhou Shikun Electronics Co., Ltd The name of the applicant has been altered to **Guangzhou Shiyuan Electronic Technology Company Limited; Guangzhou Shikun Electronics Co., Ltd**

2023

2023202841 Cypher Medical LLC The name of the applicant has been altered to **Cypher Medical, LLC**

2023901708 Oceania Defence Limited The name of the applicant has been altered to **Wilson, B.**

2023902361 Straightcurve Pty Ltd The name of the applicant has been altered to **Sandpit Situation Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Deutschland GmbH & Co. KG; AbbVie Inc.
 (11) AU-A-2023206232
 (21) 2023206232 (22) 21.07.2023
 (54) Methods for treating relapsing forms of multiple sclerosis
 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
 (43) 10.08.2023
 (62) 2016319129
 (72) Greenberg, Steven J.; Mueller, Bernhard K.; Popp, Andreas; Rosebraugh, Matthew R.; Haig, George M.; Lin, Shao-Lee
 (74) Spruson & Ferguson

AbbVie Inc. see AbbVie Deutschland GmbH & Co. KG
 (21) 2023206232

(71) Abiomed, Inc.
 (11) AU-A-2023206099
 (21) 2023206099 (22) 18.07.2023
 (54) Hemostatic valve for medical device introducer
 (51) Int. Cl.
 A61M 39/06 (2006.01)
 A61B 17/34 (2006.01)
 A61M 5/178 (2006.01)
 A61M 25/06 (2006.01)
 (43) 10.08.2023
 (62) 2021200363
 (72) Fantuzzi, Glen R.; Mraz, Dion
 (74) Davies Collison Cave Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2022204791
 (21) 2022204791 (22) 04.07.2022
 (54) FEATURE SELECTION SYSTEM
 (51) Int. Cl.
 G06N 5/02 (2006.01)
 G06F 16/24 (2019.01)
 G06F 17/18 (2006.01)
 G06F 40/20 (2020.01)
 G06N 20/00 (2019.01)
 G06Q 10/06 (2012.01)
 G06V 10/40 (2022.01)
 G06V 10/762 (2022.01)
 (31) 17/584,081 (32) 25.01.22 (33) US
 (43) 10.08.2023
 (72) SWEET, Julie; GHOSH, Bhaskar; TAN-NIRU, Rajendra Prasad; SARKAR, Soumala; VIJAYARAGHAVAN, Koushik M.; KRISHNAN, Vivek; JAGANNATHAN, Purnima
 (74) Murray Trento & Associates Pty Ltd

(71) Acucela Inc.
 (11) AU-A-2023204683
 (21) 2023204683 (22) 14.07.2023
 (54) MINIATURIZED MOBILE, LOW COST OPTICAL COHERENCE TOMOGRAPHY SYSTEM FOR HOME BASED OPHTHALMIC APPLICATIONS
 (51) Int. Cl.
 A61B 3/10 (2006.01)
 G01B 9/02 (2022.01)
 (43) 10.08.2023
 (62) 2017382218
 (72) Scheibler, Lukas; Pfister, Matthias; Schnell, Urban; Troller, Stefan; Kubota, Ryo
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2022275389
 (21) 2022275389 (22) 21.11.2022
 (54) AUTOMATICALLY GENERATING SEMANTIC LAYERS IN A GRAPHIC DESIGN DOCUMENT
 (51) Int. Cl.
 G06T 11/00 (2006.01)
 G06F 3/048 (2013.01)
 G06N 3/04 (2006.01)
 G06N 3/08 (2006.01)
 G06N 20/00 (2019.01)
 (31) 17/586,604 (32) 27.01.22 (33) US
 (43) 10.08.2023
 (72) MUSCOLINO, GREGORY CY; CANTRELL, CHRISTIAN; BAGNALL, ARCHIE SAMUEL; GAMMON, CHRISTOPHER JAMES; HEBRON, PATRICK JAMES
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2022275525
 (21) 2022275525 (22) 25.11.2022
 (54) CONTENT LINTING IN GRAPHIC DESIGN DOCUMENTS
 (51) Int. Cl.
 G06T 11/60 (2006.01)
 G06N 3/04 (2006.01)
 G06N 5/02 (2006.01)
 G06T 7/33 (2017.01)
 (31) 17/586,609 (32) 27.01.22 (33) US
 (43) 10.08.2023
 (72) Hebron, Patrick; Muscolino, Gregory; Gammon, Christopher; Cantrell, Christian; Bagnall, Archie
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2022275526
 (21) 2022275526 (22) 25.11.2022

(54) ORGANIZING A GRAPHIC DESIGN DOCUMENT USING SEMANTIC LAYERS
 (51) Int. Cl.
 G06T 11/60 (2006.01)
 G06N 3/04 (2006.01)
 G06N 5/02 (2006.01)
 G06T 7/33 (2017.01)
 (31) 17/586,113 (32) 27.01.22 (33) US
 (43) 10.08.2023
 (72) Hebron, Patrick; Muscolino, Gregory; Gammon, Christopher; Cantrell, Christian; Bagnall, Archie
 (74) RnB IP Pty Ltd

(71) ADTRAN, INC.
 (11) AU-A-2022200589
 (21) 2022200589 (22) 29.01.2022
 (54) OPTICAL LINE TERMINAL CONFIGURED TO OPERATE WITH OPTICAL NETWORK TERMINALS THAT REQUIRE DIFFERENT SETS OF OMCI PARAMETERS
 (51) Int. Cl.
 H04L 12/46 (2006.01)
 H04B 10/03 (2013.01)
 H04J 14/00 (2006.01)
 H04L 41/00 (2022.01)
 (31) 17/585,721 (32) 27.01.22 (33) US
 (43) 10.08.2023
 (72) HALL Jr., Orlyn Craye; LITTLETON, Andrew; HORTON, Josh Matthew
 (74) RnB IP Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2023200192
 (21) 2023200192 (22) 16.01.2023
 (54) FLUE GAS DECARBONIZATION
 (51) Int. Cl.
 B01D 53/047 (2006.01)
 B01D 53/62 (2006.01)
 (31) 63/301,520 (32) 21.01.22 (33) US
 17/751,081 23.05.22 US
 (43) 10.08.2023
 (72) Zanjani, Mozghan Alimohammadi; Graham, David Ross; Henry, Donald E.; Herron, Donn Michael; Dewing, Roger Anthony
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Air Sanz Holdings Pty Ltd
 (11) AU-A-2023206229
 (21) 2023206229 (22) 21.07.2023
 (54) AIR PURIFYING APPARATUS, METHOD & SYSTEM
 (51) Int. Cl.
 B01D 46/00 (2022.01)
 A45D 20/00 (2006.01)
 A47K 10/48 (2006.01)
 A47L 9/02 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

A61L 9/00 (2006.01)
D06F 58/00 (2020.01)
F24F 3/16 (2021.01)
(43) 10.08.2023
(62) 2021200960
(72) Rubin, Richard Harold
(74) Roger Syn & Co Patent & Trade Mark Attorneys

(71) Alcon Inc.
(11) AU-A-2023206131
(21) 2023206131 **(22)** 19.07.2023
(54) MULTIFOCAL DIFFRACTIVE OPH-
 THALMIC LENS USING SUP-
 PRESSED DIFFRACTIVE ORDER
(51) Int. Cl.
A61F 2/16 (2006.01)
A61F 2/14 (2006.01)
(43) 10.08.2023
(62) 2021221613
(72) Choi, Myoung-Taek; Hong, Xin; Liu,
 Yueai
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Allergan, Inc.
(11) AU-A-2023208076
(21) 2023208076 **(22)** 24.07.2023
(54) Fixed dose combination of brimonidine
 and timolo
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/498 (2006.01)
A61K 31/5377 (2006.01)
A61K 47/02 (2006.01)
(43) 10.08.2023
(62) 2021203665
(72) Jiao, Jim; Chang, Chin-Ming; Gore,
 Anuradha V.; Graham, Richard S.;
 Jordan, R. Scott; Neervannan, Sesha;
 Pujara, Chetan P.; Shen, Jie; Warner,
 Kevin S.
(74) Davies Collison Cave Pty Ltd

(71) Altria Client Services LLC
(11) AU-A-2023204694
(21) 2023204694 **(22)** 14.07.2023
(54) Smoking device
(51) Int. Cl.
A24F 47/00 (2020.01)
(43) 10.08.2023
(62) 2017328499
(72) Raichman, Yossef
(74) WRAYS PTY LTD

(71) Amicus Therapeutics, Inc.
(11) AU-A-2023206175
(21) 2023206175 **(22)** 20.07.2023
(54) TREATMENT OF FABRY DISEASE IN
 ERT-NAÏVE AND ERT-EXPERIENCED
 PATIENTS
(51) Int. Cl.
A61K 31/445 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)

(43) 10.08.2023
(62) 2017298376
(72) Castelli, Jeff
(74) Dark IP

(71) Angel Group Co., Ltd.
(11) AU-A-2023204711
(21) 2023204711 **(22)** 17.07.2023
(54) Game token money, method of man-
 ufacturing game token money, and in-
 spection system
(51) Int. Cl.
G07F 1/06 (2006.01)
A44C 21/00 (2006.01)
G06K 7/10 (2006.01)
(43) 10.08.2023
(62) 2021258024
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2023206116
(21) 2023206116 **(22)** 18.07.2023
(54) Game management system
(51) Int. Cl.
A63F 1/18 (2006.01)
A63F 9/24 (2006.01)
(43) 10.08.2023
(62) 2021215222
(72) SHIGETA, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2023206173
(21) 2023206173 **(22)** 20.07.2023
(54) Management system of gaming chips
 and storage box
(51) Int. Cl.
A63F 1/10 (2006.01)
G07F 17/32 (2006.01)
(43) 10.08.2023
(62) 2021202868
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Apple Inc.
(11) AU-A-2023206154
(21) 2023206154 **(22)** 19.07.2023
(54) Systems and methods for multitasking
 on an electronic device with a touch-
 sensitive display
(51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/0488 (2022.01)
(43) 10.08.2023
(62) 2023201551
(72) Chaudhri, Imran A.; Khoe, May-Li; Zam-
 betti, Nicholas; Yang, Lawrence Y.
(74) FPA Patent Attorneys Pty Ltd

(71) Apt Garden Creations Limited
(11) AU-A-2022203391
(21) 2022203391 **(22)** 19.05.2022
(54) A Modular Assembly
(51) Int. Cl.
A01G 9/16 (2006.01)

A01K 1/03 (2006.01)
A01K 31/06 (2006.01)
E04B 1/343 (2006.01)
(31) 784630 **(32)** 26.01.22 **(33)** NZ
(43) 10.08.2023
(72) Cameron, Joel
(74) Southern Cross Intellectual Property Limited

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023200436
(21) 2023200436 **(22)** 27.01.2023
(54) PERSISTENT SYMBOL POSITION
 ARRAYS WITH ARRAY GROWTH IN
 BOTH BASE GAME AND FEATURE
 GAME
(51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/45 (2014.01)
(31) 18/158,323 **(32)** 23.01.23 **(33)** US
 63/303,931 27.01.22 US
(43) 10.08.2023
(72) SANBORN, Hanna; MIZZI, Jennifer;
 USS, Jeffrey; DECASA Jr., Rogelio;
 WARMS, Nathan; SMITH, Zachary;
 CHING, Erick; COHEN, Zachary;
 LOCKHEED, Kelly; HOPKINS, Scott;
 ALBRIGHT, Carlyn
(74) Griffith Hack

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023206101
(21) 2023206101 **(22)** 18.07.2023
(54) ELECTRONIC GAMING MACHINE RE-
 FORWARD SYSTEM AND METHOD
(51) Int. Cl.
A63F 9/24 (2006.01)
(43) 10.08.2023
(62) 2021202843
(72) PALMISANO, Angelo
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2023200299
(21) 2023200299 **(22)** 20.01.2023
(54) SYSTEM AND METHOD FOR
 MOUNTING A TOPPER DISPLAY
 SCREEN TO A GAMING MACHINE
 CABINET
(51) Int. Cl.
A63F 13/90 (2014.01)
A63F 13/26 (2014.01)
G07F 17/32 (2006.01)
(31) 18/094,662 **(32)** 09.01.23 **(33)** US
 63/301,714 21.01.22 US
(43) 10.08.2023
(72) TRAN, Vinh; THOMPSON, David;
 CHAUDHARI, Deepak; ABALI, Muharr-
 em
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty
 Limited
(11) AU-A-2023206095
(21) 2023206095 **(22)** 18.07.2023

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(54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE RESPIN FEATURES
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 10.08.2023
 (62) 2020239629
 (72) TRAN, Toan; AGGARWAL, Romit; O'SULLIVAN, Nicholas; SIDOTI, Alessandro; LIU, Andrew
 (74) James & Wells Intellectual Property

(71) Avidity Biosciences, Inc.
 (11) AU-A-2023203188
 (21) 2023203188 (22) 22.05.2023
 (54) Nucleic acid-polypeptide compositions and uses thereof
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/712 (2006.01)
A61K 47/50 (2017.01)
 (43) 10.08.2023
 (62) 2017240799
 (72) Geall, Andrew John; Doppalapudi, Venkata Ramana; Chu, David Sai-Ho; Cochran, Michael Caramian; Johns, Rachel Elizabeth; Balu, Palani; Burke, Rob; Darimont, Beatrice Diana
 (74) FB Rice Pty Ltd

(71) B3 CORP PTY LTD
 (11) AU-A-2023206200
 (21) 2023206200 (22) 20.07.2023
 (54) A Retaining Wall System
 (51) Int. Cl.
E02D 29/02 (2006.01)
 (43) 10.08.2023
 (62) 2022279431
 (72) BRADLEY, Gareth James
 (74) Michael Buck IP

(71) Barjoh Pty Ltd
 (11) AU-A-2023203783
 (21) 2023203783 (22) 16.06.2023
 (54) Retrieval Trailer
 (51) Int. Cl.
B60P 3/12 (2006.01)
 (43) 10.08.2023
 (62) 2021203596
 (72) Ellement, Nathan John
 (74) Griffith Hack

(71) BASF Agro B.V.
 (11) AU-A-2023203235
 (21) 2023203235 (22) 23.05.2023
 (54) Plants having increased tolerance to herbicides
 (51) Int. Cl.
C12N 15/82 (2006.01)
A01H 5/00 (2018.01)
A01N 63/00 (2020.01)
 (43) 10.08.2023
 (62) 2021202102
 (72) APONTE, Raphael; TRESCH, Stefan; WITSCHL, Matthias; LERCHL, Jens; MASSA, Dario; SEISER, Tobias; MIET-

ZNER, Thomas; PAULIK, Jill Marie; BROMMER, Chad
 (74) Griffith Hack

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 (21) 2023204645

(71) Baxter Corporation Englewood
 (11) AU-A-2023206198
 (21) 2023206198 (22) 20.07.2023
 (54) IMPROVED WORK STATION FOR MEDICAL DOSE PREPARATION SYSTEM
 (51) Int. Cl.
A61J 3/00 (2006.01)
A61J 7/04 (2006.01)
G06Q 50/22 (2018.01)
 (43) 10.08.2023
 (62) 2021203380
 (72) WEBER, Wesley J.; MCEACHERN, Ian; RANALLETTA, Joseph V.
 (74) K&L Gates

(71) Bayer HealthCare LLC
 (11) AU-A-2023206217
 (21) 2023206217 (22) 21.07.2023
 (54) Multiple fluid delivery system with multi-use disposable set and features thereof
 (51) Int. Cl.
A61J 1/20 (2006.01)
A61M 5/168 (2006.01)
A61M 5/31 (2006.01)
 (43) 10.08.2023
 (62) 2021200928
 (72) Haury, John A.; Swantner, Michael; Sokolov, Richard; Cullen, Benjamin James; Norcott, Alison Ruth; Monis, Ernesto Hueso; Law, Kamman; Profaca, Mark Silvio; Spence, Patrick; Cain, Brian E.; Spohn, Michael A.; Cowan, Kevin P.; Angert, Justin
 (74) Davies Collison Cave Pty Ltd

(71) BEYOND AIR LTD
 (11) AU-A-2023206142
 (21) 2023206142 (22) 19.07.2023
 (54) Methods of using systems for delivering therapeutic gas
 (51) Int. Cl.
A61M 16/00 (2006.01)
 (43) 10.08.2023
 (62) 2021232787
 (72) Figley, Curtis; Levi, Einav; Ophir, Atai; Av-Gay, Yossef
 (74) FPA Patent Attorneys Pty Ltd

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2023206100
 (21) 2023206100 (22) 18.07.2023
 (54) Attachment plates and implants for penile construction
 (51) Int. Cl.
A61F 2/26 (2006.01)

(43) 10.08.2023
 (62) 2020296129
 (72) FELTON, Jessica Elizabeth; MUJWID, James Ryan; NELSON, Matthew Lee; ALBRECHT, Thomas Andrew; FREDRICK, Ryan Earl; TUREK, Amy Rose; BROOKS, Abigail Rae; LECHNER-RIEHLE, Jeffrey A.; REED, Paden; ASPREY, Jakob; GRAHAM, Marcus; RIEPE, Jeffrey; QUIRK, Gregory Thomas; LUND, Jonathan J.
 (74) Spruson & Ferguson

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 (11) AU-A-2023204645
 (21) 2023204645 (22) 13.07.2023
 (54) Binding proteins recognizing HA-2 antigen and uses thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
G01N 33/574 (2006.01)
 (43) 10.08.2023
 (62) 2022204581
 (72) NAYAR, Ribhu; MACBEATH, Gavin; JANGALWE, Sonal; JUREWICZ, Mollie M.; BASINSKI, Andrew S.; XU, Qikai; BOUDOT, Antoine J.; KULA, Tomasz
 (74) RnB IP Pty Ltd

(71) Breville Pty Limited
 (11) AU-A-2023206194
 (21) 2023206194 (22) 20.07.2023
 (54) A sous vide appliance
 (51) Int. Cl.
A47J 27/10 (2006.01)
A47J 36/24 (2006.01)
 (43) 10.08.2023
 (62) 2019240769
 (72) FOXLEE, Brendan; UPSTON, Gregory; MENG, Lichan; ROSIAN, Marian Silviu; ROSE, Vyvyan; SHEN, William
 (74) GLMR

(71) Carnegie Mellon University
 (11) AU-A-2023206155
 (21) 2023206155 (22) 19.07.2023
 (54) Additive manufacturing support material
 (51) Int. Cl.
B01J 13/06 (2006.01)
A61K 9/107 (2006.01)
A61K 9/16 (2006.01)
A61K 9/50 (2006.01)
A61L 27/14 (2006.01)
A61L 27/20 (2006.01)
A61L 27/24 (2006.01)
A61L 27/52 (2006.01)
B01J 13/08 (2006.01)
B01J 13/10 (2006.01)
 (43) 10.08.2023
 (62) 2018250289
 (72) Hudson, Andrew; Hinton, Thomas; Feinberg, Adam; Lee, Andrew
 (74) Oxygene IP

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 (11) AU-A-2023206092
 (21) 2023206092 (22) 18.07.2023
 (54) Treatment of pain using electrical nerve conduction block
 (51) Int. Cl.
 A61N 1/05 (2006.01)
 A61N 1/06 (2006.01)
 A61N 1/36 (2006.01)
 (43) 10.08.2023
 (62) 2021225216
 (72) BHADRA, Niloy; BHADRA, Narendra; KILGORE, Kevin L.; LEMPKA, Scott; VRABEC, Tina; FRANKE, Manfred; WAINRIGHT, Jesse
 (74) ACROGON GROUP PTY LTD

(71) Caterpillar Inc.
 (11) AU-A-2023206172
 (21) 2023206172 (22) 20.07.2023
 (54) Undercarriage clamping master track link
 (51) Int. Cl.
 B62D 55/21 (2006.01)
 (43) 10.08.2023
 (62) 2018244078
 (72) Trone, Matthew W.; Recker, Roger L.; Johannsen, Eric J.
 (74) FPA Patent Attorneys Pty Ltd

Centre national de la recherche scientifique see Université d'Aix-Marseille
 (21) 2023208079

(71) Cheung, W.K.
 (11) AU-A-2022287614
 (21) 2022287614 (22) 14.12.2022
 (54) CLOUD DOOR LOCK CONTROL SYSTEM WITH IDENTIFICATION OF TIME VARIED 2D CODES AND IMAGES
 (51) Int. Cl.
 G07C 9/21 (2020.01)
 G07C 9/22 (2020.01)
 (31) 111201072 (32) 26.01.22 (33) TW
 (43) 10.08.2023
 (72) Cheung, Wai Kin
 (74) Collison & Co

Children's Healthcare of Atlanta, Inc. see Emory University
 (21) 2023206177

(71) Conlan, K.
 (11) AU-A-2023206167
 (21) 2023206167 (22) 20.07.2023
 (54) A SANITIZER APPARATUS
 (51) Int. Cl.
 E05B 1/00 (2006.01)
 A61L 2/26 (2006.01)
 (43) 10.08.2023
 (62) 2021203678
 (72) Conlan, Kenneth; Clifford, Joseph
 (74) Franke Hyland Pty Ltd

(71) Contera Pharma A/S
 (11) AU-A-2023206140
 (21) 2023206140 (22) 19.07.2023
 (54) Pulsatile drug delivery system for treating morning akinesia
 (51) Int. Cl.
 A61K 31/165 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/194 (2006.01)
 A61K 31/195 (2006.01)
 A61K 31/198 (2006.01)
 A61P 25/16 (2006.01)
 (43) 10.08.2023
 (62) 2017297718
 (72) Hansen, John Bondo; Thomsen, Mikael Søndergård; Fullerton, Ann Vivian; Højgaard, Bent; Nielsen, Peter Gudmund
 (74) FB Rice Pty Ltd

(71) CPI Card Group - Colorado, INC.
 (11) AU-A-2023206103
 (21) 2023206103 (22) 18.07.2023
 (54) RECOVERED PLASTIC CARDS
 (51) Int. Cl.
 B32B 15/08 (2006.01)
 B32B 15/082 (2006.01)
 B32B 15/085 (2006.01)
 B32B 15/09 (2006.01)
 B32B 27/06 (2006.01)
 B32B 27/08 (2006.01)
 B32B 27/32 (2006.01)
 B32B 27/36 (2006.01)
 B42D 25/305 (2014.01)
 B42D 25/373 (2014.01)
 B42D 25/41 (2014.01)
 B42D 25/425 (2014.01)
 B42D 25/435 (2014.01)
 B42D 25/455 (2014.01)
 B42D 25/46 (2014.01)
 (43) 10.08.2023
 (62) 2020216396
 (72) MICHIELI, Maxmillian David; COLLERAN, James P.; MOSTELLER, Barry
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College
 (11) AU-A-2023204685
 (21) 2023204685 (22) 14.07.2023
 (54) BCL-W POLYPEPTIDES AND MIMETICS FOR TREATING OR PREVENTING CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY AND HEARING LOSS
 (51) Int. Cl.
 A61K 31/337 (2006.01)
 A61K 45/06 (2006.01)
 A61P 25/00 (2006.01)
 A61P 25/02 (2006.01)
 A61P 27/16 (2006.01)
 C07K 14/47 (2006.01)
 (43) 10.08.2023
 (62) 2017315447
 (72) Segal, Rosalind; Walensky, Loren D.; Goodrich, Lisa Vaughn; Raissi,

Sarah Elizabeth; Murphy, Maria F.; Bird, Gregory H.
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dantherm Cooling Inc.
 (11) AU-A-2023206187
 (21) 2023206187 (22) 20.07.2023
 (54) Passive heat exchanger with single microchannel coil
 (51) Int. Cl.
 F28D 15/02 (2006.01)
 F24F 1/0033 (2019.01)
 F24F 1/0035 (2019.01)
 F24F 1/0059 (2019.01)
 F24F 1/028 (2019.01)
 F24F 1/029 (2019.01)
 F25B 39/02 (2006.01)
 F25B 39/04 (2006.01)
 H05K 7/20 (2006.01)
 (43) 10.08.2023
 (62) 2020227818
 (72) STEGALL, Allen Charles; HUMPHRIES, Jodi Elizabeth; SCHMIDT JR., Charles Richard; BERG, Troy F.; BOEKHOUDT, Osbaldi
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2022252809
 (21) 2022252809 (22) 14.10.2022
 (54) Agricultural machine with adjustable frame for variable row planting
 (51) Int. Cl.
 A01C 7/08 (2006.01)
 (31) 17/584,757 (32) 26.01.22 (33) US
 (43) 10.08.2023
 (72) Garner, Elijah B.; Groves, Tyler G.; Brueggen, Shane J.; Robisky, Steve P.; Johnson, Lee A.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2022252810
 (21) 2022252810 (22) 14.10.2022
 (54) Equipment settings control based on aggregated data
 (51) Int. Cl.
 G06Q 50/02 (2012.01)
 G05B 15/02 (2006.01)
 G05B 19/04 (2006.01)
 G05D 27/00 (2006.01)
 H04W 4/02 (2018.01)
 H04W 4/35 (2018.01)
 H04W 4/38 (2018.01)
 H04W 4/40 (2018.01)
 (31) 17/586,308 (32) 27.01.22 (33) US
 (43) 10.08.2023
 (72) Hubner, Cary S.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2023200263
 (21) 2023200263 (22) 19.01.2023
 (54) Detection and control based on soil damage
 (51) Int. Cl.

(71) Deere & Company
 (11) AU-A-2023200263
 (21) 2023200263 (22) 19.01.2023
 (54) Detection and control based on soil damage
 (51) Int. Cl.

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G05B 19/042 (2006.01)
A01B 69/00 (2006.01)
B60C 23/00 (2006.01)
(31) 17/581,272 **(32)** 21.01.22 **(33)** US
(43) 10.08.2023
(72) Johnson, Lee A.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2023200264
(21) 2023200264 **(22)** 19.01.2023
(54) Controlling an agricultural vehicle based on soil damage score
(51) Int. Cl.
G05B 19/042 (2006.01)
A01B 69/00 (2006.01)
B60C 23/00 (2006.01)
(31) 17/581,297 **(32)** 21.01.22 **(33)** US
(43) 10.08.2023
(72) Johnson, Lee A.
(74) Davies Collison Cave Pty Ltd

(71) Dexcom, Inc.
(11) AU-A-2023206215
(21) 2023206215 **(22)** 21.07.2023
(54) Zwitterion surface modifications for continuous sensors
(51) Int. Cl.
A61B 5/1486 (2006.01)
A61B 5/145 (2006.01)
(43) 10.08.2023
(62) 2021204294
(72) BOOCK, Robert J.; DRING, Chris W.
(74) FB Rice Pty Ltd

(71) Edwards Lifesciences Corporation
(11) AU-A-2023206102
(21) 2023206102 **(22)** 18.07.2023
(54) Prosthetic mitral valve with improved anchors and seal
(51) Int. Cl.
A61F 2/24 (2006.01)
(43) 10.08.2023
(62) 2019228527
(72) COOPER, Alexander H.; SCHWARTZ, Juliet Laura; PHAM, Wendy Vo; LUONG, Hieu Minh; SANCHEZ, Julio Cesar; PETERSON, Matthew A.; RATZ, J. Brent; Al, Lisong
(74) Spruson & Ferguson

(71) Edwards Lifesciences Corporation
(11) AU-A-2023206139
(21) 2023206139 **(22)** 19.07.2023
(54) Heart valve sealing devices, delivery devices therefor, and retrieval devices
(51) Int. Cl.
A61F 2/24 (2006.01)
(43) 10.08.2023
(62) 2020279128
(72) DIXON, Eric Robert; METCHIK, Asher L.; GOHRES, Rachel Ann; NGUYEN, Tam Van; MONTTOYA, Daniel James; KWON, Rhayoung; FRESCHAUF, Lauren R.; STEARNS, Grant Matthew;

TYLER II, Gregory Scott; OBERWISE, Eric Michael; FORD, Steven M.
(74) Spruson & Ferguson

(71) Einhell Germany AG
(11) AU-A-2023200371
(21) 2023200371 **(22)** 24.01.2023
(54) Automatic wear monitoring
(51) Int. Cl.
G05B 23/02 (2006.01)
G05B 13/04 (2006.01)
G05B 19/042 (2006.01)
H02K 7/14 (2006.01)
(31) 10 2022 101 941.1 **(32)** 27.01.22 **(33)** DE
(43) 10.08.2023
(72) THANNHUBER, Markus
(74) Griffith Hack

(71) Emory University; Children's Healthcare of Atlanta, Inc.
(11) AU-A-2023206177
(21) 2023206177 **(22)** 20.07.2023
(54) Recombinant RSV with silent mutations, vaccines, and methods related thereto
(51) Int. Cl.
C12N 15/45 (2006.01)
A61K 39/12 (2006.01)
(43) 10.08.2023
(62) 2020244533
(72) MOORE, Martin L.; MENG, Jia; HOLTARD, Anne; LITTAUER, Elizabeth; STOBART, Christopher
(74) Spruson & Ferguson

(71) Eutech Cybernetic Pte Ltd
(11) AU-A-2023206238
(21) 2023206238 **(22)** 23.07.2023
(54) Integration platform to enable operational intelligence and user journeys for smart cities and the internet of things
(51) Int. Cl.
G06Q 10/06 (2023.01)
(43) 10.08.2023
(62) 2021209140
(72) Wewalaarachchi, Bandu J.; Shivanan, Haran; Gunasingham, Haritharan
(74) Griffith Hack

(71) Factor Bioscience Inc.
(11) AU-A-2023204662
(21) 2023204662 **(22)** 13.07.2023
(54) Nucleic acid products and methods of administration thereof
(51) Int. Cl.
A61K 31/7115 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 11/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07H 21/02 (2006.01)

(43) 10.08.2023
(62) 2017312113
(72) Angel, Matthew; Rohde, Christopher
(74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) Financial & Risk Organisation Limited
(11) AU-A-2023206202
(21) 2023206202 **(22)** 20.07.2023
(54) RISK IDENTIFICATION AND RISK REGISTER GENERATION SYSTEM AND ENGINE
(51) Int. Cl.
G06N 5/02 (2023.01)
G06Q 10/06 (2023.01)
(43) 10.08.2023
(62) 2021205119
(72) Leidner, Jochen L.; Nugent, Tim; Nourbakhsh, Armineh; Shah, Sameena
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Frontier Therapeutics Limited
(11) AU-A-2023206188
(21) 2023206188 **(22)** 20.07.2023
(54) Patient Turning Apparatus and Method
(51) Int. Cl.
A61G 7/00 (2006.01)
A61G 7/057 (2006.01)
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A43B 3/24 (2006.01)
A43B 9/02 (2006.01)
A43B 13/12 (2006.01)
A43B 13/16 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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B01J 19/00 (2006.01)
B01L 7/00 (2006.01)
B01L 9/00 (2006.01)
C12Q 1/6844 (2018.01)
G01N 35/00 (2006.01)
B01L 3/00 (2006.01)
G01F 23/26 (2022.01)
G01N 35/10 (2006.01)

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H02J 7/04 (2006.01)
G06F 1/26 (2006.01)
H01R 31/06 (2006.01)
(31) 63/302,983 (32) 25.01.22 (33) US
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E05B 65/00 (2006.01)
E05C 3/14 (2006.01)
E05C 19/10 (2006.01)
G06F 1/16 (2006.01)
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H01R 12/51 (2011.01)
H01R 12/70 (2011.01)
H01R 13/04 (2006.01)
H01R 13/428 (2006.01)
H01R 13/502 (2006.01)
H01R 13/514 (2006.01)
H01R 13/62 (2006.01)
H01R 24/28 (2011.01)
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E05B 65/00 (2006.01)
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G09G 5/00 (2006.01)
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C07D 495/04 (2006.01)
A61K 31/519 (2006.01)
A61P 3/00 (2006.01)
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C07D 215/14 (2006.01)
A61K 31/47 (2006.01)
A61P 29/00 (2006.01)
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C07D 215/54 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
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E21B 10/02 (2006.01)
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B23G 9/00 (2006.01)
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F16B 45/02 (2006.01)
B63B 21/60 (2006.01)
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C12Q 1/68 (2018.01)
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F16L 1/11 (2006.01)
F16L 1/028 (2006.01)

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B32B 5/18 (2006.01)
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B32B 5/28 (2006.01)
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G06Q 10/20 (2023.01)
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A63B 21/008 (2006.01)
A63B 21/00 (2006.01)
A63B 23/035 (2006.01)
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C07K 14/47 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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 (21) 2023208079

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 (54) Basal insulin management
 (51) Int. Cl.
G16H 20/17 (2018.01)

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G06F 16/00 (2019.01)
G10L 15/04 (2013.01)
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A61F 2/16 (2006.01)
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E02F 3/80 (2006.01)
H05K 7/18 (2006.01)
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H01L 31/18 (2006.01)
H01L 21/28 (2006.01)
H01L 31/0224 (2006.01)
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A47J 31/44 (2006.01)
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F24H 1/16 (2022.01)
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(51) Int. Cl.
G06V 20/58 (2022.01)
G01B 11/14 (2006.01)
G06T 3/20 (2006.01)
G06T 7/35 (2017.01)
G06V 10/50 (2022.01)
G06V 40/10 (2022.01)
H04N 13/10 (2018.01)
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(51) Int. Cl.
G06V 20/58 (2022.01)
G01B 11/14 (2006.01)
G06T 3/20 (2006.01)
G06T 7/35 (2017.01)
(31) 2022-008777 **(32)** 24.01.22 **(33)** JP
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(51) Int. Cl.
F02F 11/00 (2006.01)
F02F 7/00 (2006.01)
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(54) GRAVITY ASSIST SYSTEM
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B25J 1/02 (2006.01)
B25J 1/00 (2006.01)
B25J 1/12 (2006.01)
B60B 29/00 (2006.01)
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F28D 1/047 (2006.01)
F24F 13/30 (2006.01)
F28F 1/38 (2006.01)
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(54) TGF-β receptors and methods of use
(51) Int. Cl.
C07K 14/725 (2006.01)
A61K 35/12 (2015.01)
A61K 38/18 (2006.01)
C07K 14/495 (2006.01)
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 (54) Construction site management device, output device, and construction site management method
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G06Q 50/08 (2012.01)
E02F 9/26 (2006.01)
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A41D 1/215 (2018.01)
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 (51) Int. Cl.
A63F 13/45 (2014.01)
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 (54) Anti-GPRC5D monoclonal antibodies and uses thereof
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A61P 35/00 (2006.01)
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 (54) Process for recovering close boiling products

(51) Int. Cl.
C12P 7/06 (2006.01)
C12M 1/00 (2006.01)
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 (72) GAO, Allan Haiming; CONRADO, Robert John; GRIFFIN, Derek Wayne; TIAN, Peng
 (74) SR Intellectual Property

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 (54) Applicators and cases for artificial lash extensions
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A41G 5/02 (2006.01)
A45D 26/00 (2006.01)
B25B 9/02 (2006.01)
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 (54) HERBICIDE PREPARATIONS AND PROCESSES FOR MANUFACTURE THEREOF
 (51) Int. Cl.
A01N 47/36 (2006.01)
A01P 13/00 (2006.01)
A01N 25/12 (2006.01)
A01N 25/30 (2006.01)
 (43) 10.08.2023
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 (74) Davies Collison Cave Pty Ltd

(71) Lewis, M.
 (11) AU-A-2023208075
 (21) 2023208075 (22) 24.07.2023
 (54) SAFETY CORRIDOR ARRANGEMENT
 (51) Int. Cl.
F21V 33/00 (2006.01)
F21S 9/02 (2006.01)
G08B 7/06 (2006.01)
G08B 19/00 (2006.01)
G08B 17/10 (2006.01)
G09F 27/00 (2006.01)
F21Y 115/10 (2016.01)
F21Y 115/30 (2016.01)
 (31) 2020900014 (32) 05.01.20 (33) AU
 (43) 10.08.2023
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 (72) Lewis, Mitchell
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 (21) 2023200172 (22) 13.01.2023
 (54) DISPLAY DEVICE
 (51) Int. Cl.

H04N 5/64 (2006.01)
G09F 9/33 (2006.01)
H01L 27/15 (2006.01)
H05K 5/00 (2006.01)
H05K 7/00 (2006.01)
H10K 59/10 (2023.01)
H10K 59/35 (2023.01)
 (31) 10-2022-0009664 (32) 24.01.22 (33) KR
 (43) 10.08.2023
 (72) KIM, Chulki; LEE, Jaehun; NA, Seokhun; PYO, Jonggil; KANG, Seunggyu
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2023206135
 (21) 2023206135 (22) 19.07.2023
 (54) Refrigerator
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
 (43) 10.08.2023
 (62) 2019352426

(72) LEE, Donghoon; LEE, Donghoon; LEE, Woogyong; YEOM, Seungseob; BAE, Yongjun; SON, Sunggyun; PARK, Chongyoung
 (74) Dentons Patent Attorneys Australasia Limited

(71) LG Electronics Inc.
 (11) AU-A-2023206136
 (21) 2023206136 (22) 19.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
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(71) LG Electronics Inc.
 (11) AU-A-2023206153
 (21) 2023206153 (22) 19.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 23/02 (2006.01)
E05D 11/00 (2006.01)
H05K 5/02 (2006.01)
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 (74) Dentons Patent Attorneys Australasia Limited

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 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)

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 (62) 2019355673
 (72) LEE, Donghoon; LEE, Wookyong;
 PARK, Chongyoung; LEE, Donghoon;
 YEOM, Seungseob; BAE, Yongjun;
 SON, Sunggyun
 (74) Dentons Patent Attorneys Australasia
 Limited

(71) LG Electronics Inc.
 (11) AU-A-2023206157
 (21) 2023206157 (22) 19.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
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F25D 29/00 (2006.01)

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 (72) LEE, Donghoon; LEE, Wookyong;
 PARK, Chongyoung; LEE, Donghoon;
 YEOM, Seungseob; BAE, Yongjun;
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 (21) 2023206205 (22) 20.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
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F25D 29/00 (2006.01)

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 BAE, Yongjun; SON, Sunggyun; PARK,
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 (74) Dentons Patent Attorneys Australasia
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 (21) 2023206206 (22) 20.07.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
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 YEOM, Seungseob; LEE, Donghoon;
 BAE, Yongjun; SON, Sunggyun; PARK,
 Chongyoung
 (74) Dentons Patent Attorneys Australasia
 Limited

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 (11) AU-A-2023206113
 (21) 2023206113 (22) 18.07.2023
 (54) Scapular anchor for fixing a glenoid
 component of a shoulder joint prosthes-
 is to a scapula with compromised ana-
 tomy and related method for manufac-
 turing said scapular anchor
 (51) Int. Cl.
A61F 2/40 (2006.01)
 (43) 10.08.2023
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 (72) Sbaiz, Fausto; Pressacco, Michele
 (74) MINTER ELLISON

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 (11) AU-A-2023206201
 (21) 2023206201 (22) 20.07.2023
 (54) Methods of modifying transcriptional
 regulatory networks in stem cells
 (51) Int. Cl.
C12N 5/00 (2006.01)
C12N 5/02 (2006.01)
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 (72) WEST, Michael D.; CHAPMAN, Karen
 B.
 (74) FB Rice Pty Ltd

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 tion Pty Ltd
 (21) 2023206209

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 (54) Monitoring Device
 (51) Int. Cl.
E21D 21/02 (2006.01)
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 (72) Lyster, Jarrad Clayton
 (74) WRAYS PTY LTD

(71) Lzlabs GmbH
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 (54) LOAD MODULE COMPILER
 (51) Int. Cl.
G06F 9/455 (2018.01)
G06F 8/40 (2018.01)

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 (72) Jaeger, Jan; Grieve, Thomas D.
 (74) Pizzeys Patent and Trade Mark Attor-
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 ing secure digital forensics investiga-
 tions using a hybrid of on-premises and
 cloud-based resources
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G06Q 10/0631 (2023.01)
G06F 21/60 (2013.01)
G06Q 50/26 (2012.01)
 (31) 63/302,963 (32) 25.01.22 (33) US
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 MACGILLIVRAY, Geoffrey Wendell;
 WILLIAMSON, Mike; VANCE, Chris-
 topher; BRYANT, Cody
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 (11) AU-A-2023206079
 (21) 2023206079 (22) 17.07.2023
 (54) Enzymes with RuvC domains
 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
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 er; KANTOR, Rose; DEVOTO, Audra;
 BUTTERFIELD, Cristina; ALEXANDER,
 Lisa; GOLTSMAN, Daniela S. A.; LIU,
 Jason
 (74) FB Rice Pty Ltd

(71) Mettler Packaging Pty. Ltd.
 (11) AU-A-2023206233
 (21) 2023206233 (22) 21.07.2023
 (54) Bag, in particular plastics bag, for used
 coffee capsules, method for collect-
 ing and recycling used coffee capsules
 and use of such bags for collection and
 shipping of used coffee capsules
 (51) Int. Cl.
B65D 33/24 (2006.01)
 (43) 10.08.2023
 (62) 2021201978
 (72) Donner, Rene
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023206197
 (21) 2023206197 (22) 20.07.2023

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(54) ENHANCED MULTIPOTENT CELLS AND MICROVASCULAR TISSUE AND METHODS OF USE THEREOF
 (51) Int. Cl.
C12N 5/071 (2010.01)
A61K 35/12 (2015.01)
C12N 13/00 (2006.01)
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 (72) Peterson, Dale R.; Mattern, Ralph-Heiko; Arm, Douglas M.; Pickett, Lael J.; Gong, Glen; Ohashi, Kevin L.
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023204682
 (21) 2023204682 (22) 14.07.2023
 (54) Cancer treatment using docetaxel by controlling peak plasma levels
 (51) Int. Cl.
A61K 31/337 (2006.01)
A61K 9/20 (2006.01)
A61K 31/426 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
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 (62) 2019410060
 (72) BEIJNEN, Jacob Hendrik; SCHEL-LENS, Johannes Henricus Matthias
 (74) FB Rice Pty Ltd

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 (11) AU-A-2023204693
 (21) 2023204693 (22) 14.07.2023
 (54) Combination treatment for solid tumors using docetaxel and a cyp3a inhibitor
 (51) Int. Cl.
A61K 31/337 (2006.01)
A61K 31/427 (2006.01)
A61P 35/00 (2006.01)
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 (74) FB Rice Pty Ltd

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 (11) AU-A-2023204653
 (21) 2023204653 (22) 13.07.2023
 (54) Novel insect inhibitory proteins
 (51) Int. Cl.
A01N 37/18 (2006.01)
A01N 37/00 (2006.01)
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 (72) Bowen, David J.; Chay, Catherine A.; Ciche, Todd A.; Flasiniski, Stanislaw; Howe, Arlene R.; Milligan, Jason S.; Roberts, James K.; Yin, Yong
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 (21) 2023204654 (22) 13.07.2023
 (54) Novel insect inhibitory proteins
 (51) Int. Cl.

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(71) MONTI-Werkzeuge GmbH
 (11) AU-A-2023200348
 (21) 2023200348 (22) 23.01.2023
 (54) Brush unit
 (51) Int. Cl.
B24D 13/02 (2006.01)
A46B 13/02 (2006.01)
B24B 29/00 (2006.01)
 (31) 22 153 479.5 (32) 26.01.22 (33) EP
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 (54) Rotary machine tool
 (51) Int. Cl.
B24D 13/20 (2006.01)
B24B 23/02 (2006.01)
B24B 45/00 (2006.01)
 (31) 22 153 482.9 (32) 26.01.22 (33) EP
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 (54) Primary NK CAR constructs and methods
 (51) Int. Cl.
C12N 15/62 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/13 (2006.01)
C12N 15/85 (2006.01)
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 (72) DUGGAL, Rohit; PARVIZ, Fereshteh
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2023206088
 (21) 2023206088 (22) 17.07.2023
 (54) Methods for improving milk production by administration of microbial consortia
 (51) Int. Cl.
C12N 1/00 (2006.01)
A61K 35/74 (2015.01)
A61K 39/02 (2006.01)
A61P 31/04 (2006.01)

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 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

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(71) Nextracker LLC
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 (54) Multiple Actuator System for Solar Tracker
 (51) Int. Cl.
H02S 20/32 (2014.01)
F16M 13/00 (2006.01)
H02S 20/10 (2014.01)
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 (74) Clark Intellectual Property Pty Ltd

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 (21) 2022283669 (22) 06.12.2022
 (54) BRUSH HEAD MOUNTING STRUCTURE OF LIQUID SPRAYING BRUSH
 (51) Int. Cl.
A46B 7/04 (2006.01)
A46B 11/02 (2006.01)
B25G 1/00 (2006.01)
B25G 3/00 (2006.01)
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 (72) Wang, Siwen
 (74) Madderns Pty Ltd

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 (54) Anti-bedsores mattress with improved load-bearing component
 (51) Int. Cl.
A47C 27/14 (2006.01)
 (31) 2203000194 (32) 26.01.22 (33) TH
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 (72) Nithi-uthai, Nattawut
 (74) BRM Patent Attorneys Pty Ltd

(71) nthalmic holding pty ltd
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 (21) 2023206124 (22) 19.07.2023
 (54) Spectacle lenses with auxiliary optical elements
 (51) Int. Cl.
G02C 7/08 (2006.01)
G02B 3/02 (2006.01)
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 (72) Bakaraju, Ravi Chandra; Ehrmann, Klaus
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Introgression of two yield QTLs in *cumis sativus* plants
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 A01H 5/00 (2018.01)
 A01H 1/04 (2006.01)
 A01H 5/08 (2018.01)

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 (74) Davies Collison Cave Pty Ltd

(71) NuVasive, Inc.
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 (54) SURGICAL RETRACTOR
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 A61B 17/02 (2006.01)
 A61B 90/57 (2016.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 A61B 17/72 (2006.01)
 A61B 17/80 (2006.01)
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 (54) Methods for purifying bacterial polysaccharides
 (51) Int. Cl.
 C12P 19/04 (2006.01)
 A61K 39/09 (2006.01)
 C07K 16/00 (2006.01)
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 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) President and Fellows of Harvard College
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 C07K 14/315 (2006.01)
 A61K 38/46 (2006.01)
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 (72) Liu, David R.; Guilinger, John Paul; Thompson, David B.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 see Dana-Farber Cancer Institute, Inc.
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(71) ProKidney
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 (54) Organoids comprising isolated renal cells and uses thereof
 (51) Int. Cl.
 C12N 5/071 (2010.01)
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 B01D 53/62 (2006.01)
 C01F 5/24 (2006.01)
 C01F 11/18 (2006.01)
 (31) 63/303,060 (32) 26.01.22 (33) US
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 (72) HASAN, Talal; TASFAI, Ehab; MATTER, Juerg
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 C12M 1/00 (2006.01)
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 (72) Scaglione, Silvia; Aiello, Maurizio; Cavo, Marta Maria
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Regeneron Pharmaceuticals, Inc.
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 (21) 2023206143 (22) 19.07.2023
 (54) TROPISM-MODIFIED RECOMBINANT VIRAL VECTORS AND USES THEREOF FOR THE TARGETED INTRODUC-

TION OF GENETIC MATERIAL INTO HUMAN CELLS
 (51) Int. Cl.
 C07K 14/005 (2006.01)
 A61K 35/76 (2015.01)
 A61K 48/00 (2006.01)
 C07K 14/015 (2006.01)
 C07K 16/18 (2006.01)
 C07K 16/28 (2006.01)
 C12N 5/10 (2006.01)
 C12N 15/35 (2006.01)
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(71) Research Institute at Nationwide Children's Hospital
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 (54) Gene therapy with dysferlin dual vectors
 (51) Int. Cl.
 A61P 21/00 (2006.01)
 C07K 14/47 (2006.01)
 C12N 15/864 (2006.01)
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 (72) Rodino-Klapac, Louise
 (74) FPA Patent Attorneys Pty Ltd

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 (54) PATIENT INTERFACE
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 A61M 16/06 (2006.01)
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 (72) DAVIDSON, Aaron Samuel; SCHEINER, Rupert Christian
 (74) Halfords IP

(71) Rite-Hite Holding Corporation
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 (21) 2023206105 (22) 18.07.2023
 (54) Fan And Light Units And Associated Mounting Arrangement For Use At A Loading Dock
 (51) Int. Cl.
 F21V 21/28 (2006.01)
 F04D 17/08 (2006.01)
 F21V 33/00 (2006.01)
 F24F 13/32 (2006.01)
 (43) 10.08.2023
 (62) 2021290321
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 (74) WRAYS PTY LTD

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B66C 23/76 (2006.01)
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 (74) Madderns Pty Ltd

(71) Sayfa R&D Pty Ltd
 (11) AU-A-2023206224
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 (54) A fall arrest roof mount anchor
 (51) Int. Cl.
E04G 21/32 (2006.01)
A62B 35/00 (2006.01)
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F21S 8/08 (2006.01)
F21V 21/10 (2006.01)
H01Q 1/12 (2006.01)
H01Q 3/04 (2006.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C12N 15/113 (2010.01)
C12N 15/67 (2006.01)
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G16C 10/00 (2019.01)

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A43C 11/16 (2006.01)
A44B 11/06 (2006.01)
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 (72) HUANG, Wei
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A61K 39/215 (2006.01)
A61K 39/39 (2006.01)
A61P 31/14 (2006.01)
 (31) 202210101841.6 (32) 27.01.22 (33) CN
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 (72) HU, Yong
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A61L 9/20 (2006.01)
B01J 21/06 (2006.01)
F24F 3/16 (2021.01)
F24F 8/167 (2021.01)
F24F 8/22 (2021.01)
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F24F 13/08 (2006.01)
A61L 2/10 (2006.01)
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F24F 13/08 (2006.01)
A61L 9/20 (2006.01)
B01J 35/04 (2006.01)
F24F 8/167 (2021.01)
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G06F 40/40 (2020.01)
G06V 40/20 (2022.01)
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A61K 31/07 (2006.01)
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A61P 35/00 (2006.01)
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A44C 9/00 (2006.01)
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B66B 9/16 (2006.01)
B66D 1/00 (2006.01)
E06C 1/08 (2006.01)
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 (31) 17/583,140 (32) 24.01.22 (33) US
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G01N 33/536 (2006.01)
B01L 3/00 (2006.01)
B82Y 15/00 (2011.01)
G01N 21/65 (2006.01)
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A61B 17/16 (2006.01)
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 (51) Int. Cl.
H01H 85/22 (2006.01)
H01H 85/00 (2006.01)
H01H 85/04 (2006.01)
H01M 6/50 (2006.01)
H01M 10/42 (2006.01)
H01M 50/271 (2021.01)
H01M 50/583 (2021.01)
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 (72) Su, Jinguo; Pan, Feng; Mao, Junjie
 (74) Davies Collison Cave Pty Ltd

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 (54) Carbonated Beverage, Syrup Used For Preparing Carbonated Beverage, Method For Manufacturing Carbonated Beverage, And Method For Suppressing Foaming In Carbonated Beverage
 (51) Int. Cl.
A23L 2/00 (2006.01)
A23L 2/60 (2006.01)
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 (72) URAI, Soichiro; IZUMI, Akiko; NAGAO, Koji
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 (11) AU-A-2023200030
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 (54) UV STERILIZATION FRESH-KEEPING BOX
 (51) Int. Cl.
A61L 2/10 (2006.01)
A23L 3/28 (2006.01)
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A61K 51/04 (2006.01)
A61K 51/08 (2006.01)
C07B 59/00 (2006.01)
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 (51) Int. Cl.
H01S 3/08 (2023.01)
H01P 1/16 (2006.01)
H01S 3/05 (2006.01)
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G06N 10/00 (2022.01)
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C08G 63/183 (2006.01)
B65D 65/46 (2006.01)
C08L 67/03 (2006.01)
C08L 101/16 (2006.01)
D01F 6/62 (2006.01)
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C04B 14/36 (2006.01)
C04B 14/10 (2006.01)
C04B 16/02 (2006.01)
C04B 16/06 (2006.01)
C04B 18/08 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) Rechargeable battery jump starting device and rechargeable battery assembly
 (51) Int. Cl.
H02J 7/00 (2006.01)
F02N 11/12 (2006.01)
H02J 7/02 (2016.01)
H02J 7/32 (2006.01)

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 (51) Int. Cl.
G08G 1/048 (2006.01)
B60Q 9/00 (2006.01)
G05D 1/02 (2020.01)
G05D 3/12 (2006.01)
G08G 1/0967 (2006.01)
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A01D 41/12 (2006.01)
A01D 75/00 (2006.01)
A01F 12/42 (2006.01)
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G06Q 30/02 (2023.01)
G06Q 20/20 (2012.01)
G06Q 20/40 (2012.01)

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 (21) 2023204645

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 (51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)

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A61K 31/192 (2006.01)
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B60P 1/02 (2006.01)
B60B 35/00 (2006.01)
B62D 33/04 (2006.01)
B62D 33/08 (2006.01)
 (31) 111103229 (32) 24.01.22 (33) TW
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A61H 23/00 (2006.01)
A61B 17/22 (2006.01)

A61H 21/00 (2006.01)
A61H 23/02 (2006.01)
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B01F 23/53 (2022.01)
B01F 25/4314 (2022.01)
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B01F 31/65 (2022.01)
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B60P 3/38 (2006.01)
B60P 3/34 (2006.01)
E04H 15/06 (2006.01)
 (31) 202220220223.9 (32) 26.01.22 (33) CN
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H04N 13/00 (2018.01)
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C07H 21/00 (2006.01)
C40B 40/10 (2006.01)
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 (74) FB Rice Pty Ltd

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 (54) UPPER-DETACHABLE WATER INLET VALVE
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E03D 1/32 (2006.01)
F16K 27/00 (2006.01)
F16K 51/00 (2006.01)
 (31) 202220231748.2 (32) 27.01.22 (33) CN
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 (72) HUANG, BAOJIA; HU, SHIMING
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C07C 53/18 (2006.01)
C07C 55/07 (2006.01)
C07C 227/16 (2006.01)
C07C 229/08 (2006.01)
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E04C 2/04 (2006.01)
B32B 13/04 (2006.01)
E04B 1/94 (2006.01)

E04F 13/072 (2006.01)
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 (72) WATANABE, Ken; SHIMAZAKI, Jun-etsu; YOKOYAMA, Itaru; SATO, Yosuke; KANEKO, Takao
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A61F 2/95 (2013.01)
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H02S 30/20 (2014.01)
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 (74) LIANG ZHAO

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 (54) SOLAR CELL, METHOD FOR MANUFACTURING SOLAR CELL, AND PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/042 (2014.01)
H01L 31/0224 (2006.01)
H01L 31/0248 (2006.01)
 (43) 10.08.2023
 (62) 2022246376
 (72) JIN, Jingsheng; ZHANG, Bike; ZHANG, Xinyu
 (74) Madderns Pty Ltd

(71) Zimmer, Inc.
 (11) AU-A-2023200191
 (21) 2023200191 (22) 16.01.2023
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C23C 16/448 (2006.01)
 (31) 63/303,695 (32) 27.01.22 (33) US

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2022200414	Leadfarm (Australia) Pty Ltd	2023204213	Virginia Tech Intellectual Properties, Inc.
2022200421	H & L Pipelines Pty Ltd	2023204645	Boudot, A.; Xu, Q.; TScan Therapeutics, Inc.; Jurewicz, M.; Jangalwe, S.; Macbeath, G.; Nayar, R.; Kula, T.; Basinski, A.
2022200485	Zhang, Z.	2023204651	Nunhems B.V.
2022200510	Kyngdon, V.	2023204653	Monsanto Technology LLC
2022200589	ADTRAN, INC.	2023204654	Monsanto Technology LLC
2022201995	SPECLIPSE, Inc.	2023204661	Immatics Biotechnologies GmbH
2022202040	Jiangsu XCMG Construction Machinery Research Institute LTD.	2023204662	Factor Bioscience Inc.
2022202477	Shenzhen Yitao Intelligent Industrial Co., Ltd	2023204681	The Intellectual Gorilla GmbH
2022202478	Shenzhen Yitao Intelligent Industrial Co., Ltd	2023204682	Modra Pharmaceuticals B.V.
2022202481	Shenzhen Yitao Intelligent Industrial Co., Ltd	2023204683	Acucela Inc.
2022203391	Apt Garden Creations Limited	2023204684	Gen-Probe Incorporated
2022204660	Intuit Inc.	2023204685	Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College
2022204791	Accenture Global Solutions Limited	2023204693	Modra Pharmaceuticals B.V.
2022241628	Grossman, P.	2023204694	Altria Client Services LLC
2022252809	Deere & Company	2023204699	Suntory Holdings Limited
2022252810	Deere & Company	2023204700	Gilead Sciences, Inc.
2022256145	PROTOSTAR GROUP LTD.	2023204703	XWPharma Ltd.; Xiang, J.
2022259811	Nithi-uthai, B.	2023204711	Angel Group Co., Ltd.
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2022275525	Adobe Inc.	2023206074	Hydro Limited
2022275526	Adobe Inc.	2023206075	Lashify, Inc.
2022279430	Kimura Kohki Co., Ltd.	2023206076	Nextracker LLC
2022279478	Getac Technology Corporation	2023206079	Metagenomi, Inc.
2022279479	Getac Technology Corporation	2023206082	La Francaise Des Jeux
2022283640	Getac Technology Corporation	2023206083	JINKO SOLAR (HAINING) CO., LTD.
2022283669	Ningbo Shijia Cleaning Tools Co., Ltd.	2023206084	Stryker Corporation
2022287614	Cheung, W.K.	2023206085	Tritana Intellectual Property Ltd.
2022287655	The Boeing Company	2023206086	React4life Srl
2022291441	XIAMEN R&J PRECISION TECHNOLOGY CO.,LTD	2023206087	Sany Mobile Cranes Co. , Ltd.
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2022291527	Kabushiki Kaisha Toyota Jidoshokki	2023206092	Case Western Reserve University
2022291605	Solatube International, Inc.	2023206093	ResMed Pty Ltd
2022291677	SHENZHEN ICOMWELL INTELLIGENT MEDICAL TECHNOLOGY CO., LTD.	2023206094	Gilead Apollo, LLC
2022369834	SHENZHEN RHEGEN BIOTECHNOLOGY CO., LTD.	2023206095	Aristocrat Technologies Australia Pty Limited
2023200030	SWANSON TECHNOLOGIES CORPORATION	2023206097	Haruta, P.; Haruta, C.S.; Haruta, K.B.
2023200037	Getac Technology Corporation	2023206099	Abiomed, Inc.
2023200047	Getac Technology Corporation	2023206100	Boston Scientific Scimed, Inc.
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2023200181	HONEYWELL INTERNATIONAL INC.	2023206102	Edwards Lifesciences Corporation
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2023206233	Mettler Packaging Pty. Ltd.
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2023208070	Technische Universität München - Klinikum rechts der Isar; Technische Universität München
2023208075	Lewis, M.
2023208076	Allergan, Inc.
2023208079	Université d'Aix-Marseille; Centre national de la recherche scientifique; Institut National de la Santé et de la Recherche Médicale; Institut Paoli-Calmettes
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- . (*) Title not in Roman characters
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(71) Orca Civil Products Pty Ltd
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 (21) 2023100064 (22) 14.07.2023
 (54) Improved grate and method of manufacture (3)
 (51) Int. Cl.
 E03F 5/06 (2006.01)
 B23K 26/38 (2014.01)
 E01C 11/22 (2006.01)
 (45) 10.08.2023
 (62) 2016100260
 (72) Travers, Alan; Bohm, John
 (74) Jones Tulloch

Santrix Diesel Pty Ltd see Santrix Mining Components Pty Ltd
 (21) 2023100059

(71) Santrix Mining Components Pty Ltd;
 Santrix Diesel Pty Ltd
 (11) AU-A-2023100059
 (21) 2023100059 (22) 26.06.2023
 (54) A valve housing
 (51) Int. Cl.
 F16K 21/02 (2006.01)
 E02F 9/22 (2006.01)
 F15B 13/02 (2006.01)
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 (45) 10.08.2023
 (62) 2021204501
 (72) TOWNLEY, Charles Neville Paul;
 SANT, Nicholas Luke
 (74) Spruson & Ferguson

(71) Xunteng (GUANGDONG) Technology Co., Ltd.
 (11) AU-A-2019101846
 (21) 2019101846 (22) 12.12.2019
 (54) Identity recognition method and apparatus based on dynamic rasterization management, and server
 (51) Int. Cl.
 G06Q 20/40 (2012.01)
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 G06Q 20/38 (2012.01)
 G06V 40/16 (2022.01)
 H04W 4/021 (2018.01)
 H04W 4/029 (2018.01)
 (31) 201811608294.0 (32) 26.12.18 (33) CN
 (45) 10.08.2023
 (72) JIAN, Weiming; PI, Aiping; LIANG, Huagui; HUANG, Feiying; CHEN, Qiurong
 (74) Madderns Pty Ltd

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- 2019101846** Xunteng (GUANGDONG) Technology Co., Ltd.
- 2023100059** Santrix Mining Components Pty Ltd; Santrix Diesel Pty Ltd
- 2023100064** Orca Civil Products Pty Ltd

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B23K 26 /-

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- . (**) Title not given

<p>(71) 1E THERAPEUTICS, LTD. (11) AU-A-2021416356 (21) 2021416356 (22) 28.12.2021 (54) P21 MRNA TARGETING DNAZYMES (51) Int. Cl. C12N 15/113 (2010.01) (87) WO2022/144883 (31) 63/130,937 (32) 28.12.20 (33) US (43) 07.07.2022 (72) PILPEL, Noam; OVADYA, Yossi; RAICHLIN, Dina; KATZ-KADOSH, Etti; KNANY, Alaa; GILLIS, Ella; BOROVSKY, Noam; BARAKEY, Shir- een; COHEN, Noam; KRIEGER, Gat; HACOHEN, Adar; SHAPIRO, Anastas- ia; BACHELET, Ido (74) Griffith Hack</p> <hr/> <p>(71) ABBOTT DIABETES CARE INC. (11) AU-A-2022212954 (21) 2022212954 (22) 26.01.2022 (54) SYSTEMS, DEVICES, AND METHODS RELATED TO KETONE SENSORS (51) Int. Cl. A61B 5/145 (2006.01) A61B 5/1468 (2006.01) A61B 5/1486 (2006.01) (87) WO2022/164940 (31) 63/141,890 (32) 26.01.21 (33) US (43) 04.08.2022 (72) KARINKA, Shridhara, A.; OJA, Stephen (74) FPA Patent Attorneys Pty Ltd</p> <hr/> <p>(71) ACHAEMENID, LLC (11) AU-A-2022205353 (21) 2022205353 (22) 07.01.2022 (54) INTRA-ORAL TEST DEVICE AND METHOD (51) Int. Cl. A61B 5/1455 (2006.01) G01N 21/49 (2006.01) (87) WO2022/150539 (31) 63/176,599 (32) 19.04.21 (33) US 63/135,008 08.01.21 US (43) 14.07.2022 (72) RADMAND, Reza (74) Michael Buck IP</p> <hr/> <p>(71) ACTELION PHARMACEUTICALS LTD (11) AU-A-2022214282 (21) 2022214282 (22) 28.01.2022 (54) PHARMACEUTICAL COMPOSITION COMPRISING A DIPHENYLPYRAZINE DERIVATIVE (51) Int. Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/19 (2006.01) A61K 47/10 (2017.01)</p>	<p>A61P 1/00 (2006.01) (87) WO2022/162158 (31) PCT/ (32) 29.01.21 (33) EP EP2021/052208 PCT/ 24.11.21 EP EP2021/082830 (43) 04.08.2022 (72) AMSSOMS, Katie; DE PROOST, Eddy; DONG, Wenyu; HARTMAN KOK, Paul; HOLM, Rene; KIMPE, Kristof; MEURS, Greet; VERSTRAETEN, Maxim (74) Spruson & Ferguson</p> <hr/> <p>(71) ACTELION PHARMACEUTICALS LTD (11) AU-A-2022214283 (21) 2022214283 (22) 28.01.2022 (54) PROCESS FOR MANUFACTURING A DIPHENYLPYRAZINE DERIVATIVE (51) Int. Cl. C07D 241/20 (2006.01) A61K 31/4965 (2006.01) A61P 11/00 (2006.01) (87) WO2022/162163 (31) PCT/ (32) 29.01.21 (33) EP EP2021/052209 PCT/ 24.11.21 EP EP2021/082836 (43) 04.08.2022 (72) VANIERSCHOT, Ronny; COLLAS, Alain; LEYS, Carina; VAN MECHELEN, Kore (74) Spruson & Ferguson</p> <hr/> <p>(71) ADVANCED BIODESIGN (11) AU-A-2022212597 (21) 2022212597 (22) 28.01.2022 (54) AMINOTHIOLESTER COMPOUND OR DERIVATIVE THEREOF FOR USE AS AN IMMUNOMODULATORY AGENT (51) Int. Cl. A61K 31/265 (2006.01) A61K 31/4453 (2006.01) A61K 31/5375 (2006.01) A61P 35/00 (2006.01) (87) WO2022/162196 (31) 21305123.8 (32) 29.01.21 (33) EP (43) 04.08.2022 (72) PEREZ, Mileidys; MARTIN, Guillaume (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) AGITATED SOLUTIONS INC. (11) AU-A-2022214167 (21) 2022214167 (22) 26.01.2022 (54) SYRINGE-BASED MICROBUBBLE GENERATOR WITH AN AERATOR (51) Int. Cl. A61M 5/00 (2006.01) A61K 49/22 (2006.01) A61M 5/14 (2006.01) A61M 5/145 (2006.01) (87) WO2022/164927</p>	<p>(31) 17/566,079 (32) 30.12.21 (33) US 17/584,826 26.01.22 US 17/542,386 04.12.21 US 17/158,396 26.01.21 US (43) 04.08.2022 (72) ARCAND, Benjamin; BOLING, Carl, Lance (74) James & Wells Intellectual Property</p> <hr/> <p>(71) AGRICULTURE VICTORIA SERVICES PTY LTD (11) AU-A-2022215002 (21) 2022215002 (22) 27.01.2022 (54) SYSTEMS AND METHODS FOR AUTOMATED HYPERSPECTRAL VE- GETATION INDEX DERIVATION FOR HIGH-THROUGHPUT PLANT PHENO- TYPING (51) Int. Cl. G06V 20/17 (2022.01) G01N 21/31 (2006.01) G01N 21/84 (2006.01) G06V 10/58 (2022.01) G06V 10/771 (2022.01) G16B 20/00 (2019.01) (87) WO2022/160008 (31) 2021900198 (32) 29.01.21 (33) AU (43) 04.08.2022 (72) KOH, Joshua Chee Oon; BANERJEE, Bikram Pratap; SPANGENBERG, Ger- man Carlos; KANT, Surya (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ALCON INC. (11) AU-A-2021406133 (21) 2021406133 (22) 02.11.2021 (54) LIGHT EXPOSURE QUANTIFICATION STRATEGY FOR PREVENTING LIGHT TOXICITY DURING AN OPHTHALMIC PROCEDURE (51) Int. Cl. A61B 3/00 (2006.01) (87) WO2022/136958 (31) 63/129,139 (32) 22.12.20 (33) US (43) 30.06.2022 (72) DURANT, Daniel; TRIPATHI, Ashok Burton (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) ALPHA TAU MEDICAL LTD. (11) AU-A-2022233521 (21) 2022233521 (22) 09.03.2022 (54) RADIOTHERAPY APPLICATOR (51) Int. Cl. A61N 5/01 (2006.01) A61B 17/34 (2006.01) A61N 5/10 (2006.01) (87) WO2022/189987 (31) 63/159,499 (32) 11.03.21 (33) US</p>
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61K 38/17 (2006.01)
C07K 14/705 (2006.01)
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A61K 31/165 (2006.01)
A61P 17/00 (2006.01)
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A01H 6/00 (2018.01)
C07K 14/415 (2006.01)
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 (51) Int. Cl.
G03B 17/02 (2021.01)
E21B 47/002 (2012.01)
E21F 9/00 (2006.01)
G03B 15/03 (2021.01)
G03B 17/56 (2021.01)
G03B 37/04 (2021.01)
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 (72) BAILEY, Ian
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B03B 7/00 (2006.01)
B03D 1/00 (2006.01)
C01B 33/18 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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 (54) CIRCUMFERENTIAL RETRACTOR SYSTEM
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 (74) Griffith Hack
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 (54) VACUUM SEWAGE SYSTEMS WITH CHECK VALVES AND CHECK VALVES FOR VACUUM SEWAGE SYSTEMS
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F16K 15/14 (2006.01)
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 (43) 04.08.2022
 (72) BLOCHER, Troy E.
 (74) Davies Collison Cave Pty Ltd
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 (54) CRISPR-ASSOCIATED TRANSDUCTION SYSTEMS AND METHODS OF USING SAME
 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 9/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C12N 15/90 (2006.01)
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 (31) 63/142,979 (32) 28.01.21 (33) US
 (43) 04.08.2022
 (72) WATTERS, Kyle Edward; JAKIMO, Noah Michael; TORGERSON, Chad David
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (54) CRISPR-ASSOCIATED TRANSDUCTION SYSTEMS AND METHODS OF USING SAME
 (51) Int. Cl.
C07K 14/195 (2006.01)
C07K 19/00 (2006.01)
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) ASTELLAS PHARMA INC.
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(74) Griffith Hack
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- (71) ASTERIAS BIOTHERAPEUTICS, INC.; ONISHI, K.; MANLEY, N.C.; HALBERSTADT, C.R.; WHITELEY, E.M.; BINETTE, F.; SKALITER, R.; BAHR-DAVIDSON, J.
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(54) COMPOSITIONS AND METHODS FOR TREATING SPINAL CORD INJURIES
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A61K 35/30 (2015.01)
C12N 5/079 (2010.01)
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(72) ONISHI, Kento; MANLEY, Nathan, C.; HALBERSTADT, Craig, R.; WHITELEY, Erik, M.; BINETTE, Francois; SKALITER, Rami; BAHR-DAVIDSON, Jennifer
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) AURINIA PHARMACEUTICALS INC.
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(54) PROTOCOL TO MINIMIZE CALCINEURIN INHIBITOR NEPHROTOXICITY
(51) Int. Cl.
A61K 38/13 (2006.01)
A61P 37/06 (2006.01)
A61P 39/00 (2006.01)
C07K 7/64 (2006.01)
G01N 33/48 (2006.01)
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(74) Griffith Hack
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(21) 2022217799 (22) 03.02.2022
(54) LOCALIZATION SYSTEM FOR AUTONOMOUS VEHICLES USING SPARSE RADAR DATA
(51) Int. Cl.
G01S 13/02 (2006.01)
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G01S 13/93 (2020.01)
G05D 1/02 (2020.01)
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(72) BYBEE, Taylor; FERRIN, Jeffrey; ELLINGSON, Gary
(74) FB Rice Pty Ltd
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- (71) AVECTAS LIMITED
(11) AU-A-2022213019
(21) 2022213019 (22) 01.02.2022
(54) DELIVERY PLATFORM
(51) Int. Cl.
C12M 1/32 (2006.01)
C12M 1/00 (2006.01)
C12M 1/12 (2006.01)
C12M 1/26 (2006.01)
C12M 1/34 (2006.01)
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C12M 3/00 (2006.01)
C12M 3/06 (2006.01)
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(72) MAGUIRE, Michael; O'DEA, Shirley
(74) FPA Patent Attorneys Pty Ltd
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(54) THERMAL BRIDGE
(51) Int. Cl.
G21C 1/07 (2006.01)
G21C 1/12 (2006.01)
G21C 3/04 (2006.01)
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(31) 2100949.3 (32) 25.01.21 (33) GB
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- (71) BAKER HUGHES OILFIELD OPERATIONS LLC
(11) AU-A-2022210285
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E21B 34/06 (2006.01)
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E21B 43/16 (2006.01)
(87) WO2022/159379
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(72) SAMUELSON, Marc; HENAGAN, Kyle; DOANE, James
(74) Patent Attorney Services
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(54) INDIRECT HEAT EXCHANGER PRESSURE VESSEL WITH CONTROLLED WRINKLE BENDS
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F28D 1/047 (2006.01)
F28D 7/08 (2006.01)
F28F 1/00 (2006.01)
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B60N 2/28 (2006.01)
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(31) 202110118376.2 (32) 28.01.21 (33) CN
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(72) WEI, Qinrui; CHEN, Yingzhong
(74) Allens Patent & Trade Mark Attorneys
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- (71) BASF SE
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(21) 2022212381 (22) 17.01.2022
(54) DIAMINOTRIAZINE COMPOUNDS
(51) Int. Cl.
C07D 251/18 (2006.01)
A01N 43/68 (2006.01)
A01P 13/00 (2006.01)
(87) WO2022/161802
(31) 21153660.2 (32) 27.01.21 (33) EP
(43) 04.08.2022
(72) GEERDINK, Danny; WITSCHHEL, Matthias; LOPEZ CARRILLO, Veronica; NEWTON, Trevor William; ZIERKE, Thomas; RACK, Michael; PETKOVA, Desislava Slavcheva; HARTMUELLER, Martin; LANGE, Sandra; SEITZ, Thomas
(74) Griffith Hack
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(11) AU-A-2022213776
(21) 2022213776 (22) 17.01.2022
(54) BRANCHED PRIMARY ALKYL AMINES AS ADDITIVES FOR GASOLINE FUELS
(51) Int. Cl.
C10L 1/222 (2006.01)
C10L 1/02 (2006.01)
C10L 10/00 (2006.01)
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C10L 10/06 (2006.01)
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(11) AU-A-2022214122
(21) 2022214122 (22) 17.01.2022
(54) DIAMINOTRIAZINE COMPOUNDS
(51) Int. Cl.

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A01N 43/68 (2006.01)
A01P 13/00 (2006.01)
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(43) 04.08.2022
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- (71)** BAYER AKTIENGESELLSCHAFT
(11) AU-A-2022216767
(21) 2022216767 **(22)** 24.01.2022
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A01M 7/00 (2006.01)
A01B 79/00 (2006.01)
G06Q 50/02 (2012.01)
(87) WO2022/167240
(31) 21154918.3 **(32)** 03.02.21 **(33)** EP
(43) 11.08.2022
(72) WEYSSER, Fabian; MOGK, Georg; MRUGALLA, Florian
(74) Davies Collison Cave Pty Ltd
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(11) AU-A-2022225064
(21) 2022225064 **(22)** 24.02.2022
(54) INHIBITORS OF IL-11 OR IL-11RA FOR USE IN THE TREATMENT OF ABNORMAL UTERINE BLEEDING
(51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
A61P 15/00 (2006.01)
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(21) 2022208013 **(22)** 14.01.2022
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(51) Int. Cl.
A61M 25/06 (2006.01)
A61J 1/05 (2006.01)
A61M 25/00 (2006.01)
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(21) 2022210296 **(22)** 19.01.2022
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A61M 39/22 (2006.01)
A61M 1/36 (2006.01)
A61M 39/24 (2006.01)
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(43) 28.07.2022
(72) ISAACSON, S., Ray
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(21) 2022245656 **(22)** 14.03.2022
(54) AGAROFURAN COMPOUND, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
(51) Int. Cl.
C07D 307/94 (2006.01)
A61K 31/34 (2006.01)
A61P 25/00 (2006.01)
C07D 307/00 (2006.01)
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H04N 19/70 (2014.01)
H04N 19/117 (2014.01)
H04N 19/119 (2014.01)
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H01R 39/08 (2006.01)
F03D 7/02 (2006.01)
F03D 80/00 (2016.01)
H01R 39/02 (2006.01)
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A01H 1/00 (2006.01)
A01H 5/12 (2018.01)
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(51) Int. Cl.
G01N 33/574 (2006.01)
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A61K 31/433 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
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 B65D 41/34 (2006.01)
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 C12P 7/02 (2006.01)
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 C12P 7/62 (2022.01)
 C12P 7/625 (2022.01)
 C12P 13/04 (2006.01)
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 C12N 15/86 (2006.01)
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 A61K 35/744 (2015.01)
 A61K 9/107 (2006.01)
 A61K 33/16 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/24 (2006.01)
 A61Q 11/00 (2006.01)
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 (72) HALE, John David Francis; JAIN, Rohit
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 H04W 48/16 (2009.01)
 G06F 21/62 (2013.01)
 H04W 48/00 (2009.01)
 H04W 48/02 (2009.01)
 H04W 48/04 (2009.01)
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 A61N 1/05 (2006.01)
 A61N 1/372 (2006.01)
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 G06T 5/00 (2006.01)
 G06T 7/262 (2017.01)
 G06T 7/269 (2017.01)
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 A61K 31/4545 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/19 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/26 (2006.01)
 A61P 11/00 (2006.01)
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 G01S 7/40 (2006.01)
 G01S 7/497 (2006.01)
 G01S 7/52 (2006.01)
 G01S 13/931 (2020.01)
 G01S 15/931 (2020.01)
 G01S 17/931 (2020.01)
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A61K 31/225 (2006.01)
A61K 31/22 (2006.01)
C07C 31/20 (2006.01)
C07C 69/16 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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C12N 5/00 (2006.01)
A23J 1/00 (2006.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
A23J 3/18 (2006.01)
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A47J 19/02 (2006.01)
A23N 1/00 (2006.01)
A47J 19/00 (2006.01)
A47J 19/06 (2006.01)
A47J 31/00 (2006.01)
A47J 43/04 (2006.01)
B30B 9/02 (2006.01)
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(72) FINNANCE, Robert
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E04H 9/12 (2006.01)
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G05D 7/06 (2006.01)
E03D 5/10 (2006.01)
G01F 23/284 (2006.01)
G05B 19/042 (2006.01)
G05D 9/12 (2006.01)
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(54) METHODS OF DETECTING HIGH RISK BARRETT'S ESOPHAGUS WITH DYSPLASIA, AND ESOPHAGEAL ADENOCARCINOMA
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C12Q 1/6883 (2018.01)
C12Q 1/6844 (2018.01)
C12Q 1/6869 (2018.01)
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(51) Int. Cl.
B62D 55/21 (2006.01)
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(74) Patent Attorney Services
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F16H 55/08 (2006.01)
B21H 5/02 (2006.01)
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(72) LINDENBAUM, Tobias
(74) FPA Patent Attorneys Pty Ltd
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(54) WEAR PART REMOVAL SYSTEM
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E02F 9/28 (2006.01)
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H02P 6/185 (2016.01)
H02P 6/18 (2016.01)
H02P 25/089 (2016.01)
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B62D 55/21 (2006.01)
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B62D 55/14 (2006.01)
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(54) ANIMAL OWNERSHIP MANAGEMENT SYSTEM AND METHOD
(51) Int. Cl.
G06Q 50/02 (2012.01)
A01K 11/00 (2006.01)
A01K 29/00 (2006.01)
G06Q 10/06 (2023.01)
G16Y 10/05 (2020.01)
G16Y 20/10 (2020.01)
G16Y 40/35 (2020.01)
H04W 4/029 (2018.01)
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A61N 1/365 (2006.01)
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(54) WHOLE-STALK OR SECTIONING TYPE SUGARCANE COMBINE HARVESTER
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A01D 45/10 (2006.01)
A01D 43/00 (2006.01)
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(21) 2021410783 (22) 23.12.2021
(54) MULTI-CYCLIC IRAK AND FLT3 INHIBITING COMPOUNDS AND USES THEREOF
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A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 487/04 (2006.01)
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(54) FLUIDIZED COAL MINING METHOD FOR IMPLEMENTING CO₂ UNDERGROUND STORAGE
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E21C 41/16 (2006.01)
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(51) Int. Cl.
A61K 31/706 (2006.01)
A61K 8/11 (2006.01)
A61K 9/50 (2006.01)
A61K 47/38 (2006.01)
C07H 19/048 (2006.01)
(87) WO2022/165358
(31) 63/143,346 (32) 29.01.21 (33) US
(43) 04.08.2022
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(74) PIPERS
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(51) Int. Cl.
C04B 28/08 (2006.01)
C04B 28/26 (2006.01)
C04B 40/00 (2006.01)
C04B 103/30 (2006.01)
C04B 111/10 (2006.01)
(87) WO2022/157386
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(54) METHOD FOR CONTROLLING THE OPENING OF A WORK APPARATUS HAVING PAIRWISE ARRANGED PROCESSING DEVICES FOR VITICULTURE, AND WORK APPARATUS
(51) Int. Cl.
A01G 17/02 (2006.01)
(87) WO2022/156860
(31) 10 2021 101 466.2 (32) 25.01.21 (33) DE
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(51) Int. Cl.
A61K 31/121 (2006.01)
A61P 17/12 (2006.01)
A61P 35/00 (2006.01)
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(31) 2020843.5 (32) 31.12.20 (33) GB
(43) 07.07.2022
(72) JOHANSEN, Berit; DUJOLD, Tore; FEUERHERM, Astrid Jullumstrø; ASHCROFT, Felicity
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(21) 2021418915 (22) 23.12.2021
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A61M 21/02 (2006.01)
G10L 25/78 (2013.01)
A63H 3/28 (2006.01)
G08B 21/02 (2006.01)
(87) WO2022/154667
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B66D 3/16 (2006.01)
B66D 3/20 (2006.01)
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A61K 39/12 (2006.01)
A61P 31/14 (2006.01)
C07K 14/005 (2006.01)
C07K 16/10 (2006.01)
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 (51) Int. Cl.
A61K 31/03 (2006.01)
A61K 31/18 (2006.01)
A61K 31/427 (2006.01)
A61K 31/506 (2006.01)
A61P 25/00 (2006.01)
A61P 27/02 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) UNIVERSAL DONOR CELLS
 (51) Int. Cl.
C12N 5/071 (2010.01)
A61K 35/39 (2015.01)
C07K 14/47 (2006.01)
 (87) WO2022/144856
 (31) 63/132,890 (32) 31.12.20 (33) US
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 (72) REZANIA, Alireza; SLUCH, Valentin
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
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A61K 35/39 (2015.01)
C07K 14/47 (2006.01)
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 (54) PHARMACEUTICAL COMPOSITION OF MULTI-TARGET PROTEIN KINASE INHIBITORS, AND USE THEREOF
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A61K 31/5377 (2006.01)
A61K 31/52 (2006.01)
A61P 35/00 (2006.01)
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F28D 9/00 (2006.01)
B21D 53/04 (2006.01)
F25B 1/00 (2006.01)
F28F 3/04 (2006.01)
F28F 13/18 (2006.01)
 (87) WO2022/196535
 (31) 17/206,537 (32) 19.03.21 (33) US
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 (21) 2021418673 (22) 24.12.2021
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H04W 72/04 (2023.01)
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A47J 31/42 (2006.01)
A47J 42/08 (2006.01)
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A61F 2/46 (2006.01)
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 (31) 2020305.5 (32) 21.12.20 (33) GB
 (43) 30.06.2022
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A61B 5/145 (2006.01)
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A61K 38/18 (2006.01)
A61P 27/02 (2006.01)
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 (54) METHODS AND COMPOSITIONS FOR SEQUENCING LIBRARY PREPARATION
 (51) Int. Cl.
 C12N 9/22 (2006.01)
 C12N 15/10 (2006.01)
 C12P 19/34 (2006.01)
 C12Q 1/6806 (2018.01)
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 (31) 63/132,304 (32) 30.12.20 (33) US
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 (72) MUNDING, Elizabeth; BLANCHETTE, Marco
 (74) FB Rice Pty Ltd
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 (51) Int. Cl.
 B61L 1/00 (2006.01)
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 B65G 47/91 (2006.01)
 B65B 21/20 (2006.01)
 B65B 35/38 (2006.01)
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 (21) 2022225636 (22) 24.02.2022
 (54) AN EVAPORATOR PLATE HEAT EXCHANGER
 (51) Int. Cl.
 F28D 21/00 (2006.01)
 F24F 6/00 (2006.01)
 F24F 12/00 (2006.01)
 F28D 5/02 (2006.01)
 (87) WO2022/180149
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 B29C 45/14 (2006.01)
 F28D 9/00 (2006.01)
 F28F 21/06 (2006.01)
 B29L 31/18 (2006.01)
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 (51) Int. Cl.
 H02K 7/14 (2006.01)
 H02K 16/04 (2006.01)
 H02K 21/24 (2006.01)
 H02K 49/04 (2006.01)
 H02P 3/18 (2006.01)
 H02P 3/22 (2006.01)
 A63B 21/005 (2006.01)
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 C22B 1/00 (2006.01)
 B01D 21/28 (2006.01)
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 B03B 5/62 (2006.01)
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 (54) TISSUE ANCHORS AND TECHNIQUES FOR USE THEREWITH
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 A61B 17/04 (2006.01)
 A61F 2/24 (2006.01)
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 (74) Spruson & Ferguson
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 (21) 2022207683 (22) 13.01.2022
 (54) DEVICE FOR ACCESSING AN UNDERGROUND FACILITY, COMPRISING AN ADJUSTABLE ASSISTANCE CYLINDER
 (51) Int. Cl.
 E02D 29/14 (2006.01)
 E05F 1/10 (2006.01)
 E06B 5/01 (2006.01)
 F16F 1/12 (2006.01)
 (87) WO2022/153008
 (31) 2100431 (32) 18.01.21 (33) FR
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 (43) 21.07.2022
 (72) BLIEUX, Alex; GROZ, Viktor
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 (11) AU-A-2022213326
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 (54) INTERCONNECTING LAYERS WITHIN ELECTROCHEMICAL CELLS
 (51) Int. Cl.
 H01M 8/10 (2016.01)
 H01M 8/023 (2016.01)
 H01M 8/1004 (2016.01)
 H01M 8/2457 (2016.01)
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 (54) A HOUSING FOR A SUNKEN ELECTRIC ROAD TRACK, A SUNKEN ELECTRIC ROAD TRACK AND A METHOD FOR ARRANGING A SUNKEN ELECTRIC ROAD TRACK ALONG A ROAD
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 B60M 1/30 (2006.01)
 B60L 5/36 (2006.01)
 B60L 5/38 (2006.01)

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B60M 1/34 (2006.01)
B60M 7/00 (2006.01)
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(72) SÖRENSEN, Andreas; ZETHRAEUS, Dan
(74) Michael Buck IP
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(54) ANTI-PD-L1 MONOCLONAL ANTIBODIES AND FUSION PROTEINS WITH INTERLEUKIN-15 (IL-15), INTERLEUKIN-15 RECEPTOR 15 ALPHA OR INTERLEUKIN-2
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/55 (2006.01)
C07K 14/715 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/159771
(31) 63/140,749 **(32)** 22.01.21 **(33)** US
(43) 28.07.2022
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021410729 **(22)** 21.12.2021
(54) PROVENANCE AND TOKENIZATION PLATFORM FOR HERITAGE GRAINS
(51) Int. Cl.
G06Q 20/38 (2012.01)
G06K 7/14 (2006.01)
G06Q 10/08 (2023.01)
G06Q 20/06 (2012.01)
G06Q 20/10 (2012.01)
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(72) HANSEN, Jason Dax; SNEIFER, Youssef
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(21) 2021409984 **(22)** 20.12.2021
(54) ENERGY STORAGE SYSTEM WITH ELEVATOR LIFT SYSTEM
(51) Int. Cl.
H02J 15/00 (2006.01)
F03G 3/00 (2006.01)
(87) WO2022/140764
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(74) FB Rice Pty Ltd
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(51) Int. Cl.
A61K 31/42 (2006.01)
A61K 31/46 (2006.01)
A61K 38/21 (2006.01)
A61K 45/00 (2006.01)
A61P 31/20 (2006.01)
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(31) 21305035.4 **(32)** 14.01.21 **(33)** EP
(43) 21.07.2022
(72) DARTEIL, Raphaël; SCALFARO, Pietro; VONDERSCHER, Jacky; ROY, Elise; DURANTEL, David
(74) FPA Patent Attorneys Pty Ltd
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(21) 2022209669 **(22)** 21.01.2022
(54) T CELLS FOR USE IN THERAPY
(51) Int. Cl.
C07K 14/47 (2006.01)
A61K 38/04 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 4/12 (2006.01)
C07K 14/725 (2006.01)
C12N 5/10 (2006.01)
G01N 33/574 (2006.01)
(87) WO2022/158977
(31) 21152822.9 **(32)** 21.01.21 **(33)** EP
(43) 28.07.2022
(72) DEBETS, Johannes Eduard Maria Antonius; HAMMERL, Dora Martha
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** ETHRIS GMBH
(11) AU-A-2022226409
(21) 2022226409 **(22)** 25.02.2022
(54) FORMULATIONS FOR AEROSOL FORMATION AND AEROSOLS FOR THE DELIVERY OF NUCLEIC ACID
(51) Int. Cl.
A61K 9/00 (2006.01)
(87) WO2022/180213
(31) 21159455.1 **(32)** 26.02.21 **(33)** EP
(43) 01.09.2022
(72) DOHMEN, Christian; BECK, Philipp; PLANK, Christian
(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2022212823 **(22)** 25.01.2022
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- (54)** MOLECULAR GLUE SCREENING ASSAYS AND METHODS FOR PRACTICING SAME
(51) Int. Cl.
G01N 33/68 (2006.01)
G01N 33/543 (2006.01)
G01N 33/566 (2006.01)
(87) WO2022/164830
(31) 63/143,255 **(32)** 29.01.21 **(33)** US
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(43) 04.08.2022
(72) KATSENELSON, Ksenya, Cohen; TREIBER, Daniel, Kelly
(74) Spruson & Ferguson
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(11) AU-A-2021414417
(21) 2021414417 **(22)** 28.12.2021
(54) DEVICE FOR PRODUCING A SINGLE CRYSTAL
(51) Int. Cl.
C30B 11/00 (2006.01)
C30B 29/20 (2006.01)
(87) WO2022/140810
(31) A51148/2020 **(32)** 29.12.20 **(33)** AT
(43) 07.07.2022
(72) BARBAR, Ghassan; EBNER, Robert; PARK, Jong Kwan; SEN, Gourav
(74) FB Rice Pty Ltd
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(11) AU-A-2022213188
(21) 2022213188 **(22)** 26.01.2022
(54) METHOD FOR DIMENSIONAL MEASUREMENT OF A VESSEL
(51) Int. Cl.
G06T 7/00 (2017.01)
G06T 7/11 (2017.01)
G06T 7/136 (2017.01)
G06T 7/62 (2017.01)
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(54) SORTING SYSTEM AND METHOD FOR CONTROLLING A SORTING SYSTEM
(51) Int. Cl.
G05D 1/02 (2020.01)
B07C 3/02 (2006.01)
B07C 5/36 (2006.01)
B65G 65/00 (2006.01)
G05B 19/00 (2006.01)
G05B 19/042 (2006.01)
G06Q 10/08 (2023.01)
G06Q 50/28 (2012.01)
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- (51) Int. Cl.
H01S 3/067 (2006.01)
H01S 3/07 (2006.01)
H01S 3/094 (2006.01)
H01S 3/0941 (2006.01)
H01S 3/16 (2006.01)
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F16F 7/10 (2006.01)
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B25J 9/16 (2006.01)
A61B 34/00 (2016.01)
A61B 34/30 (2016.01)
B25J 19/00 (2006.01)
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H02K 1/27 (2022.01)
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G16B 15/30 (2019.01)
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A61K 31/444 (2006.01)
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C25B 11/046 (2021.01)
H01M 4/134 (2010.01)
H01M 4/36 (2006.01)
H01M 4/46 (2006.01)
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A61K 31/407 (2006.01)
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A61P 19/00 (2006.01)
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B31D 3/02 (2006.01)
B31D 1/00 (2017.01)
B31D 3/04 (2006.01)
B31D 5/00 (2017.01)
B32B 3/12 (2006.01)

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B65D 5/42 (2006.01)
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(54) STRONG HOLLOW-FIBER MEMBRANES FOR SALINE DESALINATION AND WATER TREATMENT
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B01D 61/02 (2006.01)
B01D 69/00 (2006.01)
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B01D 69/08 (2006.01)
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C02F 1/44 (2023.01)
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B65D 1/28 (2006.01)
B65D 1/36 (2006.01)
B65D 5/20 (2006.01)
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B23G 9/00 (2006.01)
B24B 21/16 (2006.01)
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G06T 9/00 (2006.01)
H04N 19/597 (2014.01)
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C07D 471/04 (2006.01)
A61K 31/4745 (2006.01)
A61K 36/534 (2006.01)
A61P 15/00 (2006.01)
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C09K 8/03 (2006.01)
C09K 8/42 (2006.01)
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E21B 33/12 (2006.01)
E21B 23/06 (2006.01)
E21B 33/127 (2006.01)
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E21B 33/124 (2006.01)
E21B 23/06 (2006.01)
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E21B 34/08 (2006.01)
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E21B 47/06 (2012.01)
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(51) Int. Cl.
E21B 17/02 (2006.01)
E21B 43/267 (2006.01)
E21B 47/125 (2012.01)

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 (51) Int. Cl.
 E21B 17/02 (2006.01)
 E21B 41/00 (2006.01)
 E21B 43/267 (2006.01)
 E21B 47/125 (2012.01)
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 E21B 17/04 (2006.01)
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 E21B 17/08 (2006.01)
 E21B 41/00 (2006.01)
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 E21B 17/10 (2006.01)
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 (54) LIQUID FORMULATION OF PROTEIN AND METHODS OF PREPARING THE SAME
 (51) Int. Cl.
 A61K 9/08 (2006.01)
 A61K 9/00 (2006.01)
 A61K 38/19 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/12 (2006.01)
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 A61K 47/68 (2017.01)
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 G01V 1/52 (2006.01)
 E21B 17/00 (2006.01)
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 E21B 47/125 (2012.01)
 G01D 5/353 (2006.01)
 G01H 9/00 (2006.01)
 G01V 8/16 (2006.01)
 G02B 6/293 (2006.01)
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 (54) N-(BENZOYL)-PHENYLALANINE COMPOUND, PHARMACEUTICAL COMPOSITION CONTAINING SAME, AND USE THEREOF
 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/404 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/4439 (2006.01)
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 C07D 401/12 (2006.01)
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 (54) LIQUID FORMULATION OF PROTEIN AND METHODS OF PREPARING THE SAME
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 A43B 7/00 (2006.01)
 A43B 3/00 (2022.01)
 A43B 7/02 (2022.01)
 A43B 7/08 (2022.01)
 (87) WO2022/172073
 (31) 102021000003041 (32) 11.02.21 (33) IT
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 (72) SPINA, Daniele
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2021407333
 (21) 2021407333 (22) 14.12.2021
 (54) CEMENTITIOUS COMPOSITION
 (51) Int. Cl.
 C04B 40/06 (2006.01)
 C04B 41/50 (2006.01)
 C09D 1/06 (2006.01)
 C23C 20/06 (2006.01)
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 (31) 202041055549 (32) 21.12.20 (33) IN
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 (51) Int. Cl.
 A61B 5/00 (2006.01)
 (87) WO2022/167469
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 (11) AU-A-2022217429
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 (54) METHOD OF OPERATING AN ELECTROLYZER AND ELECTROLYSIS ARRANGEMENT
 (51) Int. Cl.
 C25B 1/04 (2021.01)
 C25B 15/023 (2021.01)
 C25B 15/027 (2021.01)
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 (21) 2022211583 (22) 18.01.2022
 (54) DRYING OF PHARMACEUTICAL POWDERS

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F26B 3/06 (2006.01)
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F26B 21/12 (2006.01)
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(54) METHOD, SYSTEM AND APPARATUS
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AN EGFR INHIBITOR AND/OR MEK
INHIBITOR FOR USE IN THE TREAT-
MENT OF LUNG CANCER
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AMIDON, Benjamin; FROSCH, Hyejin
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C12N 15/62 (2006.01)
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C07K 14/52 (2006.01)
C07K 14/54 (2006.01)
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C07K 14/555 (2006.01)
C07K 14/56 (2006.01)
C07K 14/57 (2006.01)
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John
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ING A2A/A2B INHIBITORS, PD-1/PD-
L1 INHIBITORS, AND ANTI-CD73 AN-
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A61K 31/519 (2006.01)
A61K 31/4375 (2006.01)
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Taisheng; LI, Yong; NASTRI, Horacio
G.; QI, Chao; STEWART, Shaun M.;
WANG, Xiaozhao; WU, Liangxing; YAO,
Wenqing; ZHOU, Jing; ZHU, Wenyu
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A61G 13/12 (2006.01)
A61F 5/05 (2006.01)
A61F 5/37 (2006.01)

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 DICTING THE RESPONSE OF A
 CANCER PATIENT TO AN ANTI-PD1
 DRUG
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 DAS"
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 Jason; CHUANG, Emil
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C12N 15/11 (2006.01)
A61K 48/00 (2006.01)
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 KUBLI, Dieter
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C07K 14/33 (2006.01)
A61K 38/16 (2006.01)
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 BARATA, Teresa Silva; HIGAZI, Daniel;
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G06F 3/12 (2006.01)
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 GRUI PHARMACEUTICAL CO., LTD.
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(21) 2021414185 **(22)** 30.12.2021
(54) NITROGEN-CONTAINING BRIDGED
 HETEROCYCLIC COMPOUND, PRE-
 PARATION METHOD THEREFOR,
 AND MEDICAL USE THEREOF
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C07D 401/04 (2006.01)
A61K 31/454 (2006.01)
A61P 13/12 (2006.01)
A61P 37/00 (2006.01)
C07D 401/02 (2006.01)
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(54) DEVICE AND METHOD FOR CON-
 TINUOUS EVEN APPLICATION OF
 COMPOSITION TO SKIN
(51) Int. Cl.
A61B 5/00 (2006.01)
A45D 44/00 (2006.01)
A61K 8/00 (2006.01)
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 TOSHIBA ENERGY SYSTEMS &
 SOLUTIONS CORPORATION
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H02J 3/38 (2006.01)
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H02M 7/48 (2007.01)
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 KUDO Yuki; KAWACHI Shunsuke;
 TOBA Koji
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 COMPOSITIONS AND/OR MANUFAC-
 TURES PRODUCED THEREBY
(51) Int. Cl.
B29C 48/30 (2019.01)
B29B 7/40 (2006.01)
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 A61K 8/34 (2006.01)
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 A61Q 5/02 (2006.01)
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 A01N 1/02 (2006.01)
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 (51) Int. Cl.
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 C07K 14/495 (2006.01)
 A61K 38/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 7/06 (2006.01)
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 (11) AU-A-2021411658
 (21) 2021411658 (22) 28.12.2021
 (54) 2-PYRIDONE DERIVATIVE, AND PREPARATION METHOD THEREFOR AND PHARMACEUTICAL APPLICATION THEREOF
 (51) Int. Cl.
 C07D 401/12 (2006.01)
 A61K 31/53 (2006.01)
 A61P 3/04 (2006.01)
 A61P 5/14 (2006.01)
 A61P 9/06 (2006.01)
 C07D 213/69 (2006.01)
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 H04L 9/40 (2022.01)
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 H01L 31/04 (2014.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) LEMMEN, J.A.J.; VAN DOREMAELE, M.G.M.
 (11) AU-A-2022217471
 (21) 2022217471 (22) 07.02.2022
 (54) DEVICE FOR DISCHARGING MUSHROOMS FROM A CONVEYOR
 (51) Int. Cl.
 A01G 18/60 (2018.01)
 B65G 21/10 (2006.01)
 B65G 47/94 (2006.01)
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 (31) N2027518 (32) 08.02.21 (33) NL
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 (72) LEMMEN, Jacobus Alexander Jozef; VAN DOREMAELE, Marcus Gerardus Maria
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) LEVITASBIO, INC.
 (11) AU-A-2022211012
 (21) 2022211012 (22) 19.01.2022
 (54) PARTICLE SEPARATOR SYSTEM, MATERIALS, AND METHODS OF USE
 (51) Int. Cl.
 C12M 1/00 (2006.01)
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 (31) 63/139,301 (32) 19.01.21 (33) US
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 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LG CHEM, LTD.
 (11) AU-A-2021410416
 (21) 2021410416 (22) 24.12.2021
 (54) POLYPEPTIDE SPECIFIC FOR MUCIN 1 AND USE THEREOF
 (51) Int. Cl.
 C07K 16/30 (2006.01)
 A61K 35/17 (2015.01)
 A61K 38/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/705 (2006.01)
 C12N 5/0783 (2010.01)
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- (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LIGAR LIMITED PARTNERSHIP
(11) AU-A-2021405529
(21) 2021405529 (22) 24.12.2021
(54) METHOD, SYSTEM AND/OR APPARATUS FOR USE OF LIQUID OR FLUID CARBON DIOXIDE IN EXTRACTION AND/OR SOLUBILISING SOURCE MATERIAL AND BINDING AND/OR ELUTION WITH A MOLECULARLY IMPRINTED POLYMER
(51) Int. Cl.
B01D 15/10 (2006.01)
B01D 15/12 (2006.01)
B01D 15/40 (2006.01)
B01J 20/26 (2006.01)
G01N 30/02 (2006.01)
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(31) 771592 (32) 24.12.20 (33) NZ
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C02F 1/74 (2023.01)
C02F 1/76 (2023.01)
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C25C 3/02 (2006.01)
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G06N 3/04 (2023.01)
G06N 20/00 (2019.01)
G16H 30/20 (2018.01)
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- A23L 2/52 (2006.01)
- A61K 35/744 (2015.01)
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- A61P 19/02 (2006.01)
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- A21D 13/45 (2017.01)
- A23C 9/123 (2006.01)
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F24F 11/54 (2018.01)
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A61M 39/06 (2006.01)
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F24S 23/30 (2018.01)
F03D 9/00 (2016.01)
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C12N 9/88 (2006.01)
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C12Q 1/527 (2006.01)
C12Q 1/6897 (2018.01)
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(54) ANALYSIS OF CELLS AND/OR ORGANELLES IN HYDROGEL CAGES
(51) Int. Cl.
B01L 3/00 (2006.01)
C12Q 1/6813 (2018.01)
(87) WO2022/152739
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(51) Int. Cl.
C07D 471/18 (2006.01)
A61P 11/00 (2006.01)
A61P 11/06 (2006.01)
A61P 11/08 (2006.01)

A61P 11/10 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
A61P 37/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/04 (2006.01)
A61P 37/06 (2006.01)
A61P 37/08 (2006.01)
C07D 471/04 (2006.01)
C07D 487/18 (2006.01)
(87) WO2022/136844
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(74) FB Rice Pty Ltd

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(21) 2021405155 **(22)** 24.12.2021
(54) AVIAN FOOD ADDITIVE
(51) Int. Cl.
A23K 20/105 (2016.01)
A23K 20/163 (2016.01)
A23K 20/174 (2016.01)
A23K 20/179 (2016.01)
A23K 20/189 (2016.01)
A23K 50/70 (2016.01)
A23K 50/75 (2016.01)
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(31) 2020617.3 **(32)** 24.12.20 **(33)** GB
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(72) WARING, Rosemary
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(21) 2021407398 **(22)** 25.11.2021
(54) METHOD FOR CATALYTIC CONVERSION OF GLYCERIN INTO PRODUCTS OF HIGH ADDED VALUE, AND USE
(51) Int. Cl.
B01J 21/08 (2006.01)
C07C 41/09 (2006.01)
C07C 51/285 (2006.01)
(87) WO2022/133560
(31) BR 10 2020 **(32)** 22.12.20 **(33)** BR
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(72) DE FIGUEIREDO PORTILHO, Marcio; PACHELI HEITMANN RODRIGUES, Ana; CHAGAS, Poliane; DE CASTRO OLIVEIRA, Cintia; MOURA BREDER, Samuel; RANGEL BASTOS, Alexander; ALVES DE OLIVEIRA, Luiz Carlos; LARA SANGIORGE, Daniel
(74) Davies Collison Cave Pty Ltd

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A61Q 17/00 (2006.01)
A61K 8/34 (2006.01)
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 (31) 21158789.4 (32) 23.02.21 (33) EP
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 (51) Int. Cl.
G02B 1/113 (2015.01)
B32B 7/023 (2019.01)
B32B 27/08 (2006.01)
B32B 27/32 (2006.01)
C08G 65/00 (2006.01)
C08G 77/00 (2006.01)
F21S 41/00 (2018.01)
G01N 21/3504 (2014.01)
G01S 13/00 (2006.01)
G01S 17/00 (2020.01)
G02B 1/115 (2015.01)
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G08B 13/196 (2006.01)
H04N 5/14 (2006.01)
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 (21) 2021422668 (22) 08.12.2021
 (54) METHOD TO CONTROL SYNGAS COMPOSITION BY REACTOR TEMPERATURE
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C01B 3/36 (2006.01)
 (87) WO2022/159188
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 (51) Int. Cl.
A61N 1/44 (2006.01)
B81B 7/00 (2006.01)
C07H 19/00 (2006.01)
C12N 13/00 (2006.01)
C12N 15/09 (2006.01)
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 (54) TAPE MEASURING STRAP WITH CUSTOM MARKINGS SHOWING THE POSITIONING OF VARIOUS COMPONENTS FOR CONSTRUCTION APPLICATION
 (51) Int. Cl.
G01B 3/1003 (2020.01)
E04B 1/00 (2006.01)
E04G 21/18 (2006.01)
G01B 3/10 (2020.01)
 (87) WO2022/167593
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 (43) 11.08.2022
 (72) SICCA, Mauro
 (74) Patent Attorney Services
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 (11) AU-A-2021410761
 (21) 2021410761 (22) 22.12.2021
 (54) CONVERTING SOLAR PV ENERGY INTO THERMAL ENERGY STORAGE USING HEAT-PUMP AND RESISTIVE HEATING ELEMENTS IN WATER HEATER
 (51) Int. Cl.
F24D 17/00 (2022.01)
F24D 17/02 (2006.01)
F24D 19/10 (2006.01)
F24H 1/18 (2022.01)
H02S 40/44 (2014.01)
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 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) PRESIDENT AND FELLOWS OF HARVARD COLLEGE
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 (54) ELECTRICAL REGENERATION OF ELECTROLYTES
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H01M 8/06 (2016.01)
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H01M 10/0564 (2010.01)
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 (11) AU-A-2021409557
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 (54) IDENTIFYING AND MONITORING PRODUCTIVITY, HEALTH, AND SAFETY RISKS IN INDUSTRIAL SITES
 (51) Int. Cl.
G05B 19/4065 (2006.01)
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 (11) AU-A-2021405289
 (21) 2021405289 (22) 22.12.2021
 (54) IMPROVEMENTS IN & RELATING TO GRADING APPARATUS FOR VEHICLES
 (51) Int. Cl.
E02F 3/76 (2006.01)
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 (72) SHARP, Rodney Warwick
 (74) Antonia Luz Ines SIMS
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 (54) A SURGICAL INSTRUMENT
 (51) Int. Cl.
A61B 17/34 (2006.01)
A61M 16/04 (2006.01)
A61B 17/00 (2006.01)
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 (31) 2027377 (32) 25.01.21 (33) NL
 (43) 28.07.2022
 (72) HOREMAN-FRANSE, Tim; CEFAL, David
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) PSILOBRAIN THERAPEUTICS INC.
 (11) AU-A-2021407382
 (21) 2021407382 (22) 21.12.2021
 (54) COMPOSITIONS AND METHODS FOR ANXIETY DISORDER TREATMENT
 (51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 31/7028 (2006.01)
A61P 25/22 (2006.01)
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 (74) SR Intellectual Property
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 (21) 2022210786 (22) 25.01.2022
 (54) GENERATION AND MEASUREMENT OF ENTANGLED SYSTEMS OF PHOTONIC GKP QUBITS
 (51) Int. Cl.
 G06N 10/00 (2022.01)
 B82Y 10/00 (2011.01)
 G06N 10/20 (2022.01)
 G06N 10/40 (2022.01)
 G06N 10/70 (2022.01)
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 (54) RECONFIGURABLE QUBIT ENTANGLING SYSTEM
 (51) Int. Cl.
 G06N 10/00 (2022.01)
 G06N 20/00 (2019.01)
 G06N 20/10 (2019.01)
 G06N 20/20 (2019.01)
 H04B 10/70 (2013.01)
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 (31) 63/140,784 (32) 22.01.21 (33) US
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 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 31/27 (2006.01)
 A61K 31/40 (2006.01)
 A61P 25/28 (2006.01)
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 A61K 31/197 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/724 (2006.01)
 A61K 47/40 (2006.01)
 A61P 35/00 (2006.01)
 C07C 215/68 (2006.01)
 C07C 229/22 (2006.01)
 C07C 229/34 (2006.01)
 C07C 229/42 (2006.01)
 C07C 229/60 (2006.01)
 C07D 303/46 (2006.01)
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- (71) QUANTUM DIGITAL SOLUTIONS CORPORATION
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 (21) 2022216269 (22) 03.02.2022
 (54) CYPHERGENICS-BASED ECOSYSTEM SECURITY PLATFORMS
 (51) Int. Cl.
 H04L 9/00 (2022.01)
 G06F 9/00 (2006.01)
 G06F 21/00 (2013.01)
 G06N 3/00 (2023.01)
 H04L 9/32 (2006.01)
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 (74) Ellis Terry
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- (71) QUANTUM-SI INCORPORATED
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 (21) 2022210334 (22) 19.01.2022
 (54) DEVICES AND METHODS FOR PEPTIDE SAMPLE PREPARATION
 (51) Int. Cl.
 B01L 7/00 (2006.01)
 C12P 21/06 (2006.01)
 C40B 60/12 (2006.01)
 C40B 60/14 (2006.01)
 G01N 33/68 (2006.01)
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 (51) Int. Cl.
 C07D 207/10 (2006.01)
 A61K 31/19 (2006.01)
 A61P 29/00 (2006.01)
 A61P 35/00 (2006.01)
 C07D 211/76 (2006.01)
 C07D 211/96 (2006.01)
 C07D 311/20 (2006.01)
 C07D 333/28 (2006.01)
 C07D 401/12 (2006.01)
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 C07D 417/04 (2006.01)
 C07D 487/18 (2006.01)
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 (31) 63/273,405 (32) 29.10.21 (33) US
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 (43) 11.08.2022
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 (51) Int. Cl.
 G06F 1/16 (2006.01)
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 G06F 3/0354 (2013.01)
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 (43) 07.07.2022
 (72) WEEE, Chang Sem; CHIN, Wooi Liang; LIEN, Jian Yao
 (74) FB Rice Pty Ltd
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 (11) AU-A-2022222466
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 (54) EFFERVESCENT GERMICIDAL COMPOSITIONS
 (51) Int. Cl.
 C11D 3/20 (2006.01)
 A01N 25/06 (2006.01)
 A01N 33/12 (2006.01)
 C11D 1/72 (2006.01)
 C11D 1/835 (2006.01)
 C11D 1/88 (2006.01)
 C11D 1/94 (2006.01)
 C11D 3/00 (2006.01)
 C11D 3/04 (2006.01)
 C11D 3/10 (2006.01)
 C11D 3/48 (2006.01)
 C11D 11/00 (2006.01)
 C11D 17/00 (2006.01)
 C11D 17/06 (2006.01)
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(54) SYSTEM FOR CHECKING THE AUTHENTICITY OF PRODUCTS				(43) 30.06.2022
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G06Q 10/00 (2023.01)				(74) Madderns Pty Ltd
F25D 27/00 (2006.01)				
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(43) 30.06.2022				
(72) SONNLEITNER, Hermann; NACHBAGAUER, Josef; CONCIN, Roland; MAYRHUBER, Harald				
(74) FB Rice Pty Ltd				
(71) REGENERON PHARMACEUTICALS, INC.				(71) RXSIGHT, INC.
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(54) ANTI-PDGF-B ANTIBODIES AND METHODS OF USE FOR TREATING PULMONARY ARTERIAL HYPERTENSION (PAH)				(54) COMPOSITE LIGHT ADJUSTABLE INTRAOCULAR LENS WITH DIFFRACTIVE STRUCTURE
(51) Int. Cl.				(51) Int. Cl.
C07K 16/22 (2006.01)				A61F 2/16 (2006.01)
A61P 11/00 (2006.01)				(87) WO2022/177821
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(74) Davies Collison Cave Pty Ltd				
(71) REGENERON PHARMACEUTICALS, INC.				(71) SANDS INNOVATIONS LTD
(11) AU-A-2022227748				(11) AU-A-2021407393
(21) 2022227748 (22) 25.02.2022				(21) 2021407393 (22) 22.12.2021
(54) TREATMENT OF LIVER DISEASE WITH MITOCHONDRIAL GLYCEROL-3-PHOSPHATE ACYLTRANSFERASE (GPAM) INHIBITORS				(54) A CONTAINER
(51) Int. Cl.				(51) Int. Cl.
A61K 38/45 (2006.01)				A61J 1/03 (2023.01)
A61P 1/16 (2006.01)				B65D 50/02 (2006.01)
G01N 33/00 (2006.01)				B65D 75/36 (2006.01)
(87) WO2022/182985				B65D 75/58 (2006.01)
(31) 63/154,693 (32) 27.02.21 (33) US				(87) WO2022/133536
(43) 01.09.2022				(31) 2020904819 (32) 23.12.20 (33) AU
(72) LOTTA, Luca Andrea; VERWEIJ, Niek; O'DUSHLAINE, Colm; MARCHINI, Jonathan; BARAS, Aris				(43) 30.06.2022
(74) Davies Collison Cave Pty Ltd				(72) REDRUP, Jacob
				(74) Griffith Hack
(71) RELAY THERAPEUTICS, INC.				(71) SCM LIFESCIENCE CO., LTD.
(11) AU-A-2022219987				(11) AU-A-2021410513
(21) 2022219987 (22) 11.02.2022				(21) 2021410513 (22) 21.12.2021
(54) CDK INHIBITORS AND METHODS OF USE THEREOF				(54) STEM CELL PRIMING COMPOSITION AND PRIMED STEM CELL
(51) Int. Cl.				(51) Int. Cl.
A61K 31/395 (2006.01)				C12N 5/0775 (2010.01)
A61K 31/40 (2006.01)				A61K 35/28 (2015.01)
C07D 207/30 (2006.01)				(87) WO2022/139399
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				(74) Davies Collison Cave Pty Ltd
(71) REPT BATTERO ENERGY CO., LTD.; SHANGHAI RUIPU ENERGY CO., LTD.				(71) SCOUTCAM LTD.
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(21) 2021422773 (22) 27.12.2021				(21) 2022214519 (22) 27.01.2022
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H01M 10/058 (2010.01)				G01N 21/88 (2006.01)
H01M 10/42 (2006.01)				G06V 10/82 (2022.01)
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 A23J 3/26 (2006.01)
 A23L 13/40 (2023.01)
 A23P 30/20 (2016.01)
 B29C 48/14 (2019.01)
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 B63B 15/00 (2006.01)
 B63B 35/00 (2020.01)
 B63G 8/00 (2006.01)
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E01C 13/08 (2006.01)
A01G 25/06 (2006.01)
E01C 11/26 (2006.01)
E01C 13/02 (2006.01)
E02B 11/00 (2006.01)
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A61K 38/46 (2006.01)
C07H 21/04 (2006.01)
C07K 14/00 (2006.01)
C12N 1/20 (2006.01)
C12N 15/00 (2006.01)
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A61M 5/178 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/517 (2006.01)
A61P 35/00 (2006.01)
C07D 403/14 (2006.01)
C07D 409/14 (2006.01)
C07D 417/04 (2006.01)
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G01N 23/044 (2018.01)
G06T 15/00 (2011.01)
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A61P 35/00 (2006.01)
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C12N 5/0781 (2010.01)
A61K 35/17 (2015.01)
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C07D 211/18 (2006.01)
A61K 31/4192 (2006.01)
A61K 31/44 (2006.01)
A61P 3/10 (2006.01)
A61P 25/00 (2006.01)
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C07D 205/04 (2006.01)
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A61F 2/00 (2006.01)
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A61L 15/26 (2006.01)
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C07C 51/43 (2006.01)
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C12M 1/36 (2006.01)
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C12P 41/00 (2006.01)
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A61K 39/00 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/86 (2006.01)
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A61P 25/00 (2006.01)
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C12N 9/04 (2006.01)
A61K 38/44 (2006.01)
C07K 7/00 (2006.01)
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B29C 48/92 (2019.01)
B29C 48/02 (2019.01)
B29C 48/255 (2019.01)
B29C 64/106 (2017.01)
B29C 64/182 (2017.01)
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B33Y 10/00 (2015.01)
B33Y 30/00 (2015.01)
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A61K 31/167 (2006.01)
A61K 31/277 (2006.01)
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A23D 7/00 (2006.01)
C11C 3/10 (2006.01)

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 F16B 12/10 (2006.01)
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 A61K 38/26 (2006.01)
 A61K 35/17 (2015.01)
 A61P 37/02 (2006.01)
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 C07D 285/08 (2006.01)
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 C07K 14/47 (2006.01)
 C12N 15/85 (2006.01)
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 B01L 3/00 (2006.01)
 C12N 5/073 (2010.01)
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 G01N 33/66 (2006.01)
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 G21C 7/12 (2006.01)
 G21C 7/36 (2006.01)
 G21C 17/12 (2006.01)
 G21D 3/00 (2006.01)
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 A47J 37/07 (2006.01)
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G06F 16/958 (2019.01)
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A21D 13/00 (2017.01)
A23P 20/20 (2016.01)
A47J 37/00 (2006.01)
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B01D 24/26 (2006.01)
 (87) WO2022/101875
 (31) 2020/06920 (32) 13.11.20 (33) ZA
 (43) 19.05.2022
 (72) PRIOR, Vincent Warren
 (74) Baxter Patent Attorneys Pty Ltd
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- (71) ZHEJIANG NANOMAB TECHNOLOGY CENTER CO. LTD.
 (11) AU-A-2021411652
 (21) 2021411652 (22) 27.12.2021
 (54) MESOTHELIN BINDING MOLECULE AND APPLICATION THEREOF
 (51) Int. Cl.
C07K 16/30 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 7/01 (2006.01)
C12N 15/13 (2006.01)
G01N 33/574 (2006.01)
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C12R 1/92 (2006.01)
 (87) WO2022/143550
 (31) 202011582948.4 (32) 28.12.20 (33) CN
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 (43) 07.07.2022
 (72) LI, Jiaguo; YU, Haixiang; LIU, Xiangzhen; ZHU, Weimin; SUN, Yan; DING, Na; QIAN, Qijun
 (74) FB Rice Pty Ltd
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- (71) ZHEJIANG NANOMAB TECHNOLOGY CENTER CO. LTD.
 (11) AU-A-2021416127
 (21) 2021416127 (22) 27.12.2021
 (54) PD-1 BINDING MOLECULE AND APPLICATION THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
G01N 33/68 (2006.01)
 (87) WO2022/143552
 (31) 202011582908.X (32) 28.12.20 (33) CN
 (43) 07.07.2022
 (72) LI, Jiaguo; YU, Haixiang; LIU, Xiangzhen; ZHU, Weimin; SUN, Yan; DING, Na; QIAN, Qijun
 (74) FB Rice Pty Ltd
-
- (71) ZIMMER, INC.
 (11) AU-A-2022212126
 (21) 2022212126 (22) 28.01.2022
 (54) ORTHOPEDIC IMPACTOR TOOL
 (51) Int. Cl.
A61B 17/92 (2006.01)
 (87) WO2022/165223
 (31) 63/143,548 (32) 29.01.21 (33) US
 (43) 04.08.2022
 (72) MARINKOVICH, Dragomir
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ZIMMER, INC.
 (11) AU-A-2022212275
 (21) 2022212275 (22) 31.01.2022
 (54) TRI-ROLL THREAD ELECTRIC SURGICAL IMPACT TOOL
 (51) Int. Cl.
A61B 17/16 (2006.01)
A61B 17/92 (2006.01)
 (87) WO2022/165357
 (31) 63/144,285 (32) 01.02.21 (33) US
 (43) 04.08.2022
 (72) SLOCUM, Alexander
 (74) PHILLIPS ORMONDE FITZPATRICK

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2021409557	PROCORE TECHNOLOGIES, INC.	2021422474	COLUMBUS MCKINNON INDUSTRIAL PRODUCTS GMBH
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2021411652	ZHEJIANG NANOMAB TECHNOLOGY CENTER CO. LTD.		
2021411658	KPC PHARMACEUTICALS, INC; SHANGHAI KUNHENG PHARMA-TECH CO., LTD		
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2021411937	KAO USA INC.		
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2021475883	ANSTEEL GROUP MINING CORPORATION LIMITED	2022210807	INSTITUT GUSTAVE ROUSSY; EVERIMMUNE
2022204998	BEIJING DAJIA INTERNET INFORMATION TECHNOLOGY CO., LTD.	2022210985	LANDIS+GYR TECHNOLOGY, INC.
2022205106	TECHNISCHE UNIVERSITÄT MÜNCHEN	2022211012	LEVITASBIO, INC.
2022205353	ACHAEMENID, LLC	2022211016	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
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2022210451	MICROBIOTIX, INC.; THE UNITED STATES OF AMERICA as represented by THE SECRETARY, DEPARTMENT OF HEALTH & HUMAN SERVICES	2022213544	DS SMITH PACKAGING FRANCE SAS
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2022216504	GRADIANT CORPORATION; NATIONAL UNIVERSITY OF SINGAPORE	2022226284	PRECIGEN, INC.
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<u>A01G 18 /-</u>	<u>A01N 47 /-</u>	<u>A23N 1 /-</u>	<u>A61B 10 /-</u>	<u>A61J 15 /-</u>	<u>A61K 35 /-</u>
2022217471	2022298345	2022231060	2021408963 2022211161	2022211161	2021410416
<u>A01G 25 /-</u>	<u>A01P 13 /-</u>	<u>A23P 20 /-</u>	<u>A61B 17 /-</u>	<u>A61K 103 /-</u>	2021410513
2021414409 2022207077	2022212381 2022214122 2022298345	2021413337	2021404936 2021421542 2022209140 2022211425 2022212126 2022212275 2022220270 2022227746 2022233521	2022205106	2021414405
<u>A01G 7 /-</u>	<u>A21D 13 /-</u>	<u>A24C 5 /-</u>	<u>A61B 18 /-</u>	<u>A61K 31 /-</u>	2021414617
2021414409	2021413337 2022213579	2021422510	2022209116 2022212020	2021405273 2021407382 2021407653 2021408790 2021409309 2021409575 2021410690 2021410783 2021411658 2021411952 2021413690 2021414185 2021414592 2021416278 2021422269 2022206282 2022207045 2022208237 2022208712 2022209084 2022210355 2022210451 2022210800 2022212262 2022212597 2022212793 2022213196 2022214283 2022214289	2022212119
<u>A01H 1 /-</u>	<u>A23C 19 /-</u>	<u>A24D 1 /-</u>	<u>A61B 3 /-</u>	<u>A61K 38 /-</u>	2022212124
2021429805	2022213579	2021422510	2021406133	2021405273	2022213579
<u>A01H 5 /-</u>	<u>A23C 9 /-</u>	<u>A24F 40 /-</u>	<u>A61B 34 /-</u>	2021409832	2022220694
2021429805	2022213579	2022226448	2022218337	2022220943	2022221633
<u>A01H 6 /-</u>	<u>A23D 7 /-</u>	<u>A41D 1 /-</u>	<u>A61B 5 /-</u>	<u>A61K 36 /-</u>	<u>A61K 38 /-</u>
2021428246 2021429805	2022213579	2021407392	2021408963 2021410590 2021416176 2022205353 2022209116 2022211016 2022212020 2022212954 2022213375 2022213804 2022218319	2022217222	2021405273
<u>A01K 1 /-</u>	<u>A23J 1 /-</u>	<u>A41D 13 /-</u>	<u>A61B 3 /-</u>	2021410416	2021409832
2021409789	2022219484	2021407392 2022219147	2022218337	2021412499	2021410416
<u>A01K 11 /-</u>	<u>A23J 3 /-</u>	<u>A41D 15 /-</u>	<u>A61B 5 /-</u>	2021416118	2021412499
2022264615	2021409113 2022219484	2021407392	2021408963 2021410590 2021416176 2022205353 2022209116 2022211016 2022212020 2022212954 2022213375 2022213804 2022218319	2021416118	2021416118
<u>A01K 15 /-</u>	<u>A23K 10 /-</u>	<u>A43B 3 /-</u>	<u>A61B 34 /-</u>	2021417166	2022206308
2021409789	2022213579	2021427644	2022218337	2022206400	2022206308
<u>A01K 29 /-</u>	<u>A23K 20 /-</u>	<u>A43B 7 /-</u>	<u>A61B 5 /-</u>	2022208455	2022206400
2021409789 2022264615	2021405155	2021427644	2021408963 2021410590 2021416176 2022205353 2022209116 2022211016 2022212020 2022212954 2022213375 2022213804 2022218319	2022208455	2022206400
<u>A01M 7 /-</u>		<u>A45D 44 /-</u>		2022209084	2022208455
2022216767		2021410590		2022209084	2022209084
				2022209669	2022209084
				2022211039	2022209669
				2022211971	2022211039
				2022212119	2022211971
				2022213961	2022212119
				2022214391	2022213961
				2022214845	2022214391
				2022216840	2022214845
				2022219902	2022216840
				2022227748	2022219902
				2022234881	2022227748
					2022234881
					<u>A61K 39 /-</u>
					2021408144
					2021411652
					2021411952
					2021416127
					2022207569
					2022208435
					2022209669
					2022211410
					2022212952

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2022215847	2022211161	A61P 19 /-	2022220694	B01D 61 /-	B23K 101 /-
2022220694	2022211425		2022224511		
2022221633		2022213579	2022229356	2022216504	2022210499
2022225064	A61M 16 /-	2022219934			
2022229356			A61P 37 /-	B01D 69 /-	B23K 37 /-
2022369834	2021421542	A61P 25 /-			
			2021406030	2022216504	2022210499
A61K 45 /-	A61M 21 /-	2021407382	2021408790		
		2022206400	2021409575	B01D 71 /-	B24B 21 /-
2021405273	2021418915	2022207045	2021414185	2022216504	2023203285
2021411952	2022211016	2022210355	2021417166		
2022209084		2022211971	2022208455	B01J 20 /-	B25J 19 /-
	A61M 25 /-	2022212262	2022212119		
A61K 47 /-		2022214289		2021405529	2022218337
	2022208013	2022245656	A61P 39 /-	2022220527	
2021410089	2022211425				B25J 9 /-
2022206282		A61P 27 /-	2022208455	B01J 21 /-	2022218337
2022213961	A61M 39 /-			2021407398	
2022214282		2022210355	A61P 5 /-		B27N 3 /-
2022214447	2022210296	2022216840		B01J 23 /-	2022211065
2022215580	2022211425		2021411658		
2022218165	A61M 5 /-	A61P 29 /-		2021409946	B29B 7 /-
2022219902			A61P 9 /-		2022231117
2022220943	2022209140	2021408790		B01L 3 /-	
	2022211425	2021422269	2021411658	2022208321	B29C 45 /-
A61K 48 /-	2022214167	2022207045	2022208237	2022213504	
	2022227769	2022216880	2022219157		
2022219976		2022219934		B01L 7 /-	2022227186
	A61N 1 /-	A61P 3 /-	A61Q 11 /-		
A61K 49 /-			2022220943	2022210334	B29C 48 /-
	2021409714	2021411658			2021409113
2022214167	2022212020	2021416118	A61Q 17 /-	B03B 5 /-	2022215912
A61K 51 /-	2022214417	2022207045		2021407414	2022231117
	2022220805	2022208237	A61Q 5 /-		
2022205106	2022226284	2022219934		B03B 7 /-	B29C 64 /-
			2021411493	2021475883	2022215912
A61K 8 /-	A61N 5 /-	A61P 31 /-		B03D 1 /-	B29L 31 /-
			A62B 18 /-	2021475883	2022227186
2021410590	2022233521	2021408144		B04B 1 /-	B30B 9 /-
2021411493		2021414592	2022219147	2022213475	2022231060
2022214447	A61N 7 /-	2022207569		B04B 7 /-	B31D 1 /-
2022225576		2022208435	A62C 37 /-	2022213475	2022205625
	2022208675	2022209084		B07C 3 /-	B31D 3 /-
A61K 9 /-	A61P 1 /-	2022369834	2022213474	2022209095	2022205625
				B07C 5 /-	B31D 5 /-
2021409309	2021405273	A61P 33 /-	A63B 21 /-	2022209095	2022205625
2022206282	2022214282			2022214403	
2022212262	2022227748	2022210451	2022223244		B32B 27 /-
2022213961				B21D 53 /-	2021417736
2022214282	A61P 11 /-	A61P 35 /-	A63H 3 /-	2022236143	
2022214447					B32B 3 /-
2022214490	2021406030	2021406030	2021418915	B21H 5 /-	2022205625
2022215580	2022210475	2021407653		2021421660	
2022220943	2022214283	2021409832	B01D 11 /-	B23G 9 /-	2021417736
2022226409	2022215580	2021410416			
		2021410690	B01D 15 /-		
A61L 15 /-	A61P 13 /-	2021410783	2021377502		
		2021411652		B21D 53 /-	2021417736
2022225570	2021414185	2021411952	B01D 21 /-		
	2022208237	2021412499		B21H 5 /-	2022205625
A61L 2 /-		2021413690	2021405529		
	A61P 15 /-	2021416127		B23G 9 /-	
2022205935		2021416274	B01D 24 /-		
	2022207569	2021416278			
A61L 27 /-	2022217222	2022205106	2021407414		
	2022225064	2022206282	B01D 53 /-	2023203285	
2022218761		2022207569			
2022219788	A61P 17 /-	2022209669	2021377502		
		2022210800			
A61M 1 /-	2021408790	2022211410	B01D 53 /-		
	2021416278	2022212597			
2021412906	2022234881	2022215847			
2022210296		2022216880	2022220527		

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<u>B33Y 10 /-</u>	<u>B65D 1 /-</u>	<u>C01B 17 /-</u>	<u>C07C 51 /-</u>	<u>C07D 333 /-</u>	2021414617
2022215912	2022233153	2022221003	2021407398		2021416118
			2022211203	2022216880	2021416274
<u>B33Y 30 /-</u>	<u>B65D 41 /-</u>	<u>C01B 3 /-</u>	<u>C07C 69 /-</u>		2021428246
2022215912	2022208303	2021422668	2022212793	<u>C07D 401 /-</u>	2022206308
		2021424429		2021410783	2022208435
<u>B60L 5 /-</u>	<u>B65D 47 /-</u>	2022221003	<u>C07D 205 /-</u>	2021411658	2022208675
2022229656	2021411937			2021414185	2022209669
		<u>C01B 32 /-</u>	2022207045	2021422269	2022211039
<u>B60L 9 /-</u>	<u>B65D 5 /-</u>	2021409946	<u>C07D 207 /-</u>	2022216880	2022211971
2022229656	2021424030				2022212952
	2022221678	<u>C01B 33 /-</u>	<u>C07D 403 /-</u>	<u>C07D 403 /-</u>	2022214512
	2022233153	2021475883	2022210451	2021407653	2022218987
<u>B60M 1 /-</u>			2022216880	2022207045	2022221633
2022229656	<u>B65D 50 /-</u>	<u>C01D 17 /-</u>	2022219987	2022224511	2022225723
					2022234881
<u>B60M 7 /-</u>	2021407393	2022211401	<u>C07D 209 /-</u>	<u>C07D 405 /-</u>	<u>C07K 16 /-</u>
2022229656	<u>B65D 55 /-</u>	<u>C02F 1 /-</u>	2022207045	2022216880	2021408144
					2021410416
<u>B60N 2 /-</u>	2022208303	2022209714	<u>C07D 211 /-</u>	<u>C07D 409 /-</u>	2021411652
2022212568	<u>B65D 6 /-</u>	2022216504	2022207045	2022224511	2021416127
		2022221965	2022216880		2022208435
<u>B61C 9 /-</u>	2022233153	<u>C02F 101 /-</u>	<u>C07D 213 /-</u>	<u>C07D 417 /-</u>	2022210475
2021407307	<u>B65D 65 /-</u>				2022211410
			2021411658	2022216880	2022211971
<u>B61L 1 /-</u>	2022205625	<u>C02F 3 /-</u>	<u>C07D 223 /-</u>	2022224511	2022215847
2021427540	<u>B65D 75 /-</u>				2022218165
		2022209714	<u>C07D 223 /-</u>	<u>C07D 471 /-</u>	2022220694
	2021407393	2022221965	2022207045		2022225064
<u>B62D 55 /-</u>		<u>C04B 103 /-</u>	<u>C07D 241 /-</u>	2021406030	2022229356
2021421119	<u>B65D 77 /-</u>			2021407653	<u>C07K 19 /-</u>
2021422555		2022209984	2022214283	2021409575	2021416118
2021422561	2022205625			2021422269	2022214512
		<u>C04B 111 /-</u>	<u>C07D 249 /-</u>	2022217222	
<u>B63B 15 /-</u>	<u>B65G 21 /-</u>			<u>C07D 487 /-</u>	<u>C07K 4 /-</u>
2021410773	2022217471	2022209984	2022207045	2021406030	2022209669
				2021410783	
<u>B63B 21 /-</u>	<u>B65G 47 /-</u>	<u>C04B 28 /-</u>	<u>C07D 251 /-</u>	2021414592	<u>C07K 7 /-</u>
2022235418	2022213544			2022216880	
	2022217471	2022209984	2022212381	2022224511	2021409832
<u>B63B 35 /-</u>	<u>B65G 65 /-</u>	<u>C04B 40 /-</u>	2022214122	<u>C07D 495 /-</u>	2021412389
2021410773					2021412499
	2022209095	2021407333	<u>C07D 255 /-</u>	2022219934	2021416274
2022235418		2022209984			2022208455
	<u>B66D 3 /-</u>	<u>C04B 41 /-</u>	<u>C07D 261 /-</u>	<u>C07H 17 /-</u>	2022214391
<u>B63G 8 /-</u>					2022219902
2021410773	2021422474	2021407333	2022207045	2022220801	<u>C08F 283 /-</u>
<u>B63H 9 /-</u>	<u>B81B 7 /-</u>	<u>C07C 215 /-</u>	<u>C07D 277 /-</u>	<u>C07H 19 /-</u>	2022211065
2021410773	2022226284			2022214447	<u>C08G 18 /-</u>
		2022206282	2022210451	2022226284	
<u>B65B 21 /-</u>	<u>B82Y 10 /-</u>	<u>C07C 229 /-</u>	<u>C07D 285 /-</u>	<u>C07H 21 /-</u>	2022225570
2022213544	2022210786				
		2022206282	2022219157	2022206308	<u>C08G 63 /-</u>
<u>B65B 35 /-</u>	<u>B82Y 30 /-</u>	<u>C07C 31 /-</u>	<u>C07D 303 /-</u>	<u>C07K 1 /-</u>	2022225570
2022213544	2021408748				
		2022212793	2022206282	2021412389	<u>C08G 65 /-</u>
<u>B65B 55 /-</u>	<u>C01B 15 /-</u>	<u>C07C 41 /-</u>	<u>C07D 307 /-</u>	<u>C07K 14 /-</u>	2021417736
2022205625	2022205935	2021407398	2022245656	2021409832	<u>C08G 77 /-</u>
				2021410089	2021417736
			<u>C07D 311 /-</u>	2021410416	
			2022216880	2021414405	

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<u>C08J 5 /-</u>	2021411652	2022208371			<u>F16F 7 /-</u>
2022211065	2021416118	2022211691	<u>E01C 13 /-</u>	<u>E21B 23 /-</u>	2022220830
	2021416127	2022217756	2022207077	2021443438	
<u>C08K 3 /-</u>	2021416356			2021445878	<u>F16H 55 /-</u>
2022250704	2021428246	<u>C12R 1 /-</u>	<u>E01D 21 /-</u>		2021421660
	2022206308	2021411652	2022351932	<u>E21B 33 /-</u>	
<u>C09D 1 /-</u>	2022208675			2021443438	<u>F16K 15 /-</u>
2021407333	2022211039	<u>C22B 1 /-</u>	<u>E01H 3 /-</u>	2021445878	2022213300
	2022211971	2021407414	2022221753		
<u>C09D 5 /-</u>	2022212952	2021475883	<u>E02B 11 /-</u>	<u>E21B 34 /-</u>	<u>F16L 55 /-</u>
2022245006	2022213196	2022207884	2022207077	2021451774	2022210436
	2022213563			2022210285	
<u>C09J 167 /-</u>	2022214512	<u>C22B 5 /-</u>	<u>E02D 29 /-</u>	<u>E21B 41 /-</u>	<u>F21S 41 /-</u>
202225570	2022217756	2022207884	2022207683	2022259681	2021417736
	2022218196			2022259684	
<u>C09K 8 /-</u>	2022218987	2021407333	<u>E02F 3 /-</u>	<u>E21B 43 /-</u>	<u>F24C 3 /-</u>
2022274523	2022219976		2021405289		2022217025
	2022225723	<u>C23C 20 /-</u>	<u>E02F 9 /-</u>	2022210285	<u>F24D 17 /-</u>
	2022226284	2021407333	2021421837	2022256498	2021410761
<u>C10L 1 /-</u>		<u>C25B 1 /-</u>	<u>E03D 5 /-</u>	2022259681	<u>F24D 19 /-</u>
2022213776	<u>C12N 5 /-</u>	2022217429	2022241365	2022259684	2021410761
2022226388	2021402425	<u>C25B 11 /-</u>	<u>E04B 1 /-</u>		<u>F24F 11 /-</u>
	2021410416	2021424429	2022218344	<u>E21B 47 /-</u>	2021428715
<u>C10L 10 /-</u>	2021410513	<u>C25B 15 /-</u>	<u>E04G 21 /-</u>	2021408089	<u>F24F 12 /-</u>
2022213776	2021414405	2022217429	2022218344	2021451774	2022225636
	2021414617			2022256498	<u>F24F 6 /-</u>
<u>C11C 3 /-</u>	2021416127	<u>C25C 3 /-</u>	<u>E04H 9 /-</u>	2022259681	2022225636
2022213199	2021417166	2022210740	2022211184	2022300707	<u>F24H 1 /-</u>
	2022209669	2022211401	<u>E05B 47 /-</u>	<u>E21C 41 /-</u>	2021410761
<u>C11D 1 /-</u>	2022211039	2022220527	2022220791	2021454472	<u>F24S 10 /-</u>
2022222466	2022212124	<u>C25C 7 /-</u>	<u>E05D 11 /-</u>	<u>E21F 9 /-</u>	2021408930
	2022212952	2022210740	2022220791	2021408089	<u>F24S 23 /-</u>
<u>C11D 11 /-</u>	2022213504	2022211401	<u>E05F 1 /-</u>	<u>F03B 13 /-</u>	2021408930
2022222466	2022219484	<u>C30B 11 /-</u>	2022207683	2022216873	<u>F24H 1 /-</u>
		2021414417	<u>E06B 1 /-</u>	<u>F03D 7 /-</u>	2021410761
<u>C11D 17 /-</u>		<u>C30B 29 /-</u>	2022220791	2021412148	<u>F24S 10 /-</u>
2022222466	<u>C12N 7 /-</u>	2021414417	<u>E06B 5 /-</u>	<u>F03D 80 /-</u>	2021408930
	2021411652	<u>C40B 60 /-</u>	2022207683	2021412148	<u>F24S 23 /-</u>
<u>C11D 3 /-</u>	<u>C12N 9 /-</u>	2022210334	<u>E06B 1 /-</u>	<u>F03D 9 /-</u>	2021408930
2022222466	2021411520	<u>D04H 13 /-</u>	2022220791	2021408930	<u>F25B 1 /-</u>
	2022211203	2020483322	<u>E21B 17 /-</u>	<u>F03G 3 /-</u>	2022236143
<u>C11D 11 /-</u>	2022213563	<u>D04H 3 /-</u>	2022207683	2021409984	<u>F25D 27 /-</u>
2022222466	2022214391	2020483322	<u>E21B 17 /-</u>	<u>F16B 12 /-</u>	2021405048
	2022214845	<u>D06C 23 /-</u>	2022256498	2021421082	<u>F26B 21 /-</u>
<u>C11D 3 /-</u>	2022217756	<u>E01B 29 /-</u>	2022259681	<u>F16B 13 /-</u>	2022211583
2022222466		2022210499	2022274215	2021421082	2022211583
	<u>C12P 13 /-</u>	<u>E01C 11 /-</u>	2022300707	<u>F16F 1 /-</u>	<u>F26B 9 /-</u>
<u>C12M 1 /-</u>	2021411694	2022207077	<u>E21B 21 /-</u>	2022207683	2022211583
2022211012	<u>C12P 19 /-</u>		2021451774		
2022211203	2021411520				
2022213019	2022220801				
<u>C12M 3 /-</u>	<u>C12P 21 /-</u>				
2022213019	2022210334				
	<u>C12P 41 /-</u>				
<u>C12N 1 /-</u>	2022211203				
2022206308					
2022213579	<u>C12P 7 /-</u>				
	2021411694				
<u>C12N 13 /-</u>	<u>C12Q 1 /-</u>				
2022226284	2021411520				
	2022208321				
<u>C12N 15 /-</u>					
2021410089					
2021411520					

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<u>F28D 1 /-</u>	2022215002	<u>G03B 37 /-</u>	2022211051 2022212018	<u>G08B 21 /-</u>	<u>G21C 3 /-</u>
2022207489	<u>G01N 23 /-</u>	2021408089		2021418915 2022214519	2022209428
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A61P 9/00 (2006.01)
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C08G 75/23 (2006.01)
C02F 103/08 (2006.01)
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A61P 35/00 (2006.01)
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F02M 37/00 (2006.01)
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F17D 1/20 (2006.01)
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B65B 13/02 (2006.01)

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C12Q 1/04 (2006.01)

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A61K 31/505 (2006.01)

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C03C 17/00 (2006.01)

E04C 2/54 (2006.01)

E04F 13/14 (2006.01)

H01L 31/0236 (2006.01)

H01L 31/048 (2014.01)

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B05D 7/06 (2006.01)

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B27K 3/02 (2006.01)

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F16K 23/00 (2006.01)

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B32B 27/06 (2006.01)

B32B 27/08 (2006.01)

B32B 27/32 (2006.01)

B32B 27/36 (2006.01)

B42D 25/305 (2014.01)

B42D 25/373 (2014.01)

B42D 25/41 (2014.01)

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B65D 25/14 (2006.01)
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F24F 1/0033 (2019.01)
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G01C 22/00 (2006.01)
B60G 7/02 (2006.01)
B60W 30/09 (2012.01)
B62D 6/04 (2006.01)
G01S 15/88 (2006.01)
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G01R 19/255 (2006.01)
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C08G 18/76 (2006.01)
C08J 9/12 (2006.01)
C08L 75/08 (2006.01)
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H01G 11/86 (2013.01)
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H01M 10/36 (2006.01)
H01M 10/42 (2006.01)
H01M 16/00 (2006.01)
H01G 11/10 (2013.01)
H01G 11/36 (2013.01)
H01G 11/46 (2013.01)

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F01N 5/02 (2006.01)
F02B 7/06 (2006.01)
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E06B 7/086 (2006.01)
H02K 5/22 (2006.01)
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H02K 7/06 (2006.01)
H02K 7/08 (2006.01)
H02K 7/116 (2006.01)
H02K 9/19 (2006.01)
H02K 11/21 (2016.01)
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F02C 7/14 (2006.01)
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C02F 3/00 (2006.01)
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F02C 6/16 (2006.01)
F17C 1/00 (2006.01)
F17C 5/06 (2006.01)
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G07C 9/28 (2020.01)
H04W 4/029 (2018.01)
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G01V 3/165 (2006.01)
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C10B 57/04 (2006.01)
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H01L 23/544 (2006.01)
H01L 31/0236 (2006.01)
H01L 31/054 (2014.01)
H01L 31/18 (2006.01)
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A47K 13/24 (2006.01)
A47K 13/28 (2006.01)
A61G 5/14 (2006.01)
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B04C 9/00 (2006.01)
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C07K 7/06 (2006.01)
C07K 14/18 (2006.01)
C07K 16/00 (2006.01)
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C12P 21/02 (2006.01)
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A61K 38/00 (2006.01)
C12N 1/21 (2006.01)
C12N 15/11 (2006.01)
C12N 15/31 (2006.01)
C12N 15/62 (2006.01)
C12N 15/77 (2006.01)
C12P 21/00 (2006.01)

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2017219415	Enlivex Therapeutics RDO Ltd	2018273454	Nautilus Subsea AS
2017230792	The Johns Hopkins University; Trustees of Boston University	2018273928	Dakota Biotech, LLC
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2017272608	MorphoSys AG	2018299800	Owens-Brockway Glass Container Inc.
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2017385796	Shiny Works, S.L.	2018392197	Fonterra Co-operative Group Limited
2017404183	Grifols Engineering, S.A.	2018408340	Halliburton Energy Services, Inc.
2017432625	ViaSat, Inc.	2018436495	Ocean Infinity (Portugal), S.A.
2017434772	Raytheon Canada Limited	2019201710	ASM TECHNOLOGY PTY LTD
2017438169	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019211931	Medshine Discovery Inc.
2018201869	LG Electronics Inc.	2019213045	The Regents of the University of California
2018202896	The Boeing Company	2019215172	Genentech, Inc.
2018204641	Schneider Electric (Australia) Pty Limited	2019216955	Board of Regents, The University of Texas System; Virginia Tech Intellectual Properties, Inc.
2018204743	Schneider Electric (Australia) Pty Limited	2019222773	Qualcomm Incorporated
2018204841	Medtronic Ardian Luxembourg S.a.r.l.	2019225242	Cynosure, LLC
2018204888	Medtronic Ardian Luxembourg S.a.r.l.	2019236882	Beijing Tide Pharmaceutical Co., Ltd.
2018205529	MORNINGSIDE VENTURE INVESTMENTS LIMITED	2019246968	Qualcomm Incorporated
2018205724	Schlumberger Technology B.V.	2019251016	Shanghai Cellular Biopharmaceutical Group Ltd.
2018214448	University of Wollongong	2019253510	Cancer Research Technology Limited; The Institute of Cancer Research: Royal Cancer Hospital
2018216673	The Brigham and Women's Hospital, Inc.	2019255317	Wanner Engineering, Inc.
2018217134	Rife, R.; Vining, L.	2019257366	Healey, R.
2018217298	Dometic (Zhuhai) Technology Co., Ltd.; Dometic Sweden AB	2019260635	PPG Industries Ohio, Inc.
2018220785	IPCO 2021 LIMITED	2019260636	PPG Industries Ohio, Inc.
2018220982	Koya Medical, Inc.	2019302632	Electrolux Appliances Aktiebolag
2018222325	BASF SE	2019302674	Abilene Christian University
2018225819	SmileSonica Inc.	2019309265	Electrolux Appliances Aktiebolag
2018225820	VanadiumCorp Resources Inc.		

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2019311817	LEX Diagnostics Ltd	2020388219	Phoenix Contact GmbH & Co. KG
2019328089	Stemlab Inc.	2020393924	Equinix, Inc.
2019337530	Eli Lilly and Company	2020395741	Henan Zhiwei Biomedicine Co., Ltd.
2019344667	Qualcomm Incorporated	2020397798	Beyonder AS
2019346562	Ab Initio Technology LLC	2020402165	Nicoventures Trading Limited
2019349011	Hangzhou Youngsun Intelligent Equipment Co., Ltd.	2020412071	KPC Pharmaceuticals, Inc
2019352606	Outlier Solutions, LLC	2020421315	JFE Steel Corporation
2019356526	Kakadu R & D Pty Ltd	2020432893	Lanshen Group Corp., Ltd.
2019361871	Genentech, Inc.	2020445198	Koyo Giken Inc.
2019367448	Huawei Digital Power Technologies Co., Ltd.	2020467778	Shen Yun Collections, Inc.
2019426480	Angel Group Co., Ltd.	2021202063	ImmunoGen, Inc.
2019427962	Kim, J.	2021202363	The Toro Company
2019431639	Park, S.; Hi-Co., Ltd.; Gunwoo DPSOL Co., Ltd.	2021202717	The Second Affiliated Hospital and Yuying Children's Hospital of Wenzhou Medical University
2019457782	Nippon Telegraph and Telephone Corporation	2021203226	Royal Bank of Canada
2019460092	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2021203270	Baker Hughes Holdings, LLC
2019469487	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shizhen Information Technology Co., Ltd.	2021203309	The General Hospital Corporation
2019475453	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.	2021203520	BP Corporation North America Inc.
2019476316	ExxonMobil Technology and Engineering Company; FuelCell Energy, Inc.	2021203831	See-Out Pty Ltd.
2020202761	Cheng, Y.N.	2021203853	Todd, R.
2020206028	Repligen Corporation	2021204168	Friedrich Seiz GmbH
2020210555	Hegla GmbH & Co. KG	2021204261	The Regents of the University of California
2020213299	Transportation IP Holdings, LLC	2021204282	Inspire Medical Systems, Inc.
2020216392	Locus Robotics Corp.	2021204403	China Wonderland Nurserygoods Co., Ltd.
2020216396	CPI Card Group - Colorado, INC.	2021204406	Pronova BioPharma Norge AS
2020227568	LG Electronics Inc.	2021204435	Garrett Thermal Systems Limited
2020227818	Dantherm Cooling Inc.	2021204515	Epizyme, Inc.; Health Research, Inc.
2020227820	The Fynder Group, Inc.	2021204565	SHANGHAI PAN-CHINA FASTENING SYSTEMS CO, LTD.
2020228953	LG Electronics Inc.	2021204654	VELOX-PUREDIGITAL LTD.
2020231570	Nippon Telegraph and Telephone Corporation	2021204710	S.C. Johnson & Son, Inc.
2020234676	Avery Dennison Retail Information Services LLC	2021208834	Komatsu Ltd.; National University Corporation Yokohama National University
2020237599	Inventio AG	2021209313	LG ELECTRONICS INC.; EPTech Co., Ltd.
2020241627	Case Western Reserve University	2021210807	Calibre Enterprises Limited
2020244321	Generoath Co., Ltd.	2021212005	Apple Inc.
2020250026	Novartis AG	2021214309	Asahi Group Holdings, Ltd.
2020250181	Fisher & Paykel Healthcare Limited	2021214487	CNBM Research Institute for Advanced Glass Materials Group Co., Ltd
2020253014	LG Electronics Inc.	2021215120	Electrolux Appliances Aktiebolag
2020253878	IonQ, Inc.	2021215183	Houghton Leisure Products Pty Ltd
2020257053	Y-Biologics Inc.	2021215219	ViaSat, Inc.
2020259830	International Business Machines Corporation	2021218061	Westinghouse Air Brake Technologies Corporation
2020263909	Inventio AG	2021218100	Climate LLC
2020264460	Cricut, Inc.	2021220242	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG
2020267318	Korea Institute Of Energy Research	2021221761	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2020267793	Einhell Germany AG	2021221862	BL Technologies, Inc.
2020271780	Team Conveyor Intellectual Properties, LLC	2021221906	FISHER & PAYKEL HEALTHCARE LIMITED
2020284507	Stryker European Operations Limited	2021224835	ATLAS ELEKTRONIK GmbH; thyssenkrupp AG
2020286068	Asahi Kasei Kabushiki Kaisha	2021229391	Baker Hughes Oilfield Operations LLC
2020288876	Barrick Gold Corporation	2021230446	ResMed Sensor Technologies Limited
2020289851	University of Iowa Research Foundation	2021232690	Hainan Unican Science and Technology Innovation Institute Co.Ltd.
2020294855	International Business Machines Corporation	2021240214	Howmedica Osteonics Corp.
2020297336	Eli Lilly and Company	2021240264	Huawei Technologies Co., Ltd.
2020297857	International Business Machines Corporation	2021245117	Google LLC
2020299142	Newworld.Energy LLC	2021245123	Typhon Technology Solutions, LLC
2020307394	Veolia Water Solutions & Technologies Support	2021245232	Rovi Guides, Inc.
2020309495	Baker Hughes Oilfield Operations LLC	2021257127	Leomo, Inc.
2020311816	Vomaris Innovations, Inc.	2021261925	Westinghouse Air Brake Technologies Corporation
2020320527	Daikin Industries, Ltd.	2021261963	Bluescope Steel Limited
2020322881	China Resources Pharmaceutical Holdings Company Limited	2021263005	Shenzhen Shokz Co., Ltd.
2020323522	Google LLC	2021266218	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2020324941	Ralco Nutrition, Inc.	2021266270	Qingdao Haier Joint Stock Co., Ltd
2020329611	Schenck Process Europe GmbH	2021266331	Hussmann Corporation
2020333250	3M Innovative Properties Company	2021281270	Google LLC
2020333960	Rite-Hite Holding Corporation	2021286422	PINDROP SECURITY, INC.
2020350294	Daikin Industries, Ltd.	2021308188	Powell, S.
2020357456	Allied Bioscience, Inc.	2021314277	Beijing Bytedance Network Technology Co., Ltd.
2020358853	Lashify, Inc.	2021338587	State Grid Shanghai Municipal Electric Power Company; Shanghai International Superconduction Technology Co., Ltd.
2020364223	Zebra Technologies Corporation		
2020370599	Netflix, Inc.		
2020381197	Verte Technologies, LLC		
2020382734	Caterpillar Inc.		

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2021340822 Hitachi Zosen Inova Schmack GmbH
2021355609 Ansteel Group Mining Corporation Limited
2021358290 Bam AG; Progress Maschinen & Automation AG
2021358918 JOHNSON OUTDOORS INC.
2021409904 THEON TECHNOLOGY LLC
2022200032 Qualcomm Incorporated
2022200064 Angel Group Co., Ltd.
2022200299 MFTB Holdco, Inc.
2022200991 Hendrickson USA, L.L.C.
2022201231 ZTE Corporation
2022201478 Changzhou Anbo Photovoltaic Technology Co.,Ltd
2022201541 Hydrostor Inc.
2022201542 Dematic Corp.
2022201663 Ishida Co., Ltd.
2022202433 General Electric Company
2022202445 Imeasureu Limited
2022202573 GE Video Compression, LLC
2022202854 Memorial Sloan-Kettering Cancer Center
2022203014 Rovi Guides, Inc.
2022203293 Becton, Dickinson and Company
2022203479 Ultima Genomics, Inc.
2022203749 RAGT 2n
2022204059 INNERCO SP. Z O.O.
2022204568 Apple Inc.
2022206099 OXFORD BIODYNAMICS PLC
2022206793 Apple Inc.
2022206801 JINKO SOLAR (HAINING) CO., LTD.
2022218527 Magic Leap, Inc.
2022221582 Apple Inc.
2022224751 BlueScope Steel Limited
2022263516 Huawei Technologies Co., Ltd.
2022268356 LINEAGE LOGISTICS, LLC
2022291436 NEC Platforms, Ltd.
2023200568 Arbutus Biopharma Corporation
2023200573 Nexwriter Limited
2023203456 Hunan Vegetable Research Institute
2023203812 COPPER CARE WOOD PRESERVATIVES, INC.
2023203816 Netflix, Inc.

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2021202363	2021214309	2017320579	2018361867	2018327265	2019337530
<u>A01B 63 /-</u>	<u>A23L 29 /-</u>	<u>A61B 18 /-</u>	2019215172	<u>A61K 8 /-</u>	<u>A61P 19 /-</u>
2021202363	2018392197	2018204888	2019236882	2017315222	2020250026
<u>A01H 1 /-</u>	<u>A23L 33 /-</u>	<u>A61B 5 /-</u>	2019253510	<u>A61K 9 /-</u>	<u>A61P 21 /-</u>
2016265967	2016356324	2018204888	2019361871	2017310263	2017318536
<u>A01K 3 /-</u>	<u>A23L 5 /-</u>	2018313008	2020250026	2017350499	<u>A61P 25 /-</u>
2017385796	2020286068	2020231570	2020322881	2018225819	2016338851
<u>A01M 29 /-</u>	<u>A23L 9 /-</u>	2021257127	2020395741	2018273105	2019236882
2017359142	2018392197	2022202445	2020412071	2018273928	2019328089
<u>A01N 25 /-</u>	<u>A24F 40 /-</u>	2022203293	2021204261	<u>A61L 2 /-</u>	2020244321
2018222325	2020402165	<u>A61F 13 /-</u>	2021204406	2017404183	2020250026
2020357456	<u>A41D 13 /-</u>	2020311816	2021204515	<u>A61L 9 /-</u>	<u>A61P 29 /-</u>
<u>A01N 33 /-</u>	2021308188	<u>A61F 2 /-</u>	2023200568	2017315222	2018216673
2020357456	<u>A41D 19 /-</u>	2017320579	<u>A61K 33 /-</u>	<u>A61M 1 /-</u>	2018265211
<u>A01N 37 /-</u>	2021204168	2021240214	2018225819	2018257528	2019211931
2020324941	<u>A41G 5 /-</u>	<u>A61G 5 /-</u>	2018273105	2018273105	2020395741
<u>A01N 43 /-</u>	2020358853	2018217134	2017295886	<u>A61M 16 /-</u>	<u>A61P 3 /-</u>
2018222325	<u>A42B 1 /-</u>	<u>A61G 7 /-</u>	2018226871	2020250181	2016338851
<u>A01N 59 /-</u>	2021308188	2018217134	2018273928	2021221906	2020250026
2017356288	<u>A47F 3 /-</u>	2018357089	2018279627	2021230446	<u>A61P 31 /-</u>
2020324941	2021266331	<u>A61H 1 /-</u>	2019251016	<u>A61M 25 /-</u>	2016336150
<u>A01N 63 /-</u>	<u>A47J 31 /-</u>	<u>A61H 11 /-</u>	2019328089	2018257528	2019361871
2022202854	2018276338	2018220982	<u>A61K 36 /-</u>	<u>A61M 27 /-</u>	<u>A61P 35 /-</u>
2022203749	<u>A47J 36 /-</u>	<u>A61H 11 /-</u>	2017291374	2018257528	2016330807
<u>A01P 21 /-</u>	2021358918	<u>A61H 23 /-</u>	<u>A61K 38 /-</u>	<u>A61M 29 /-</u>	2016335860
2022203749	<u>A47J 37 /-</u>	2018220982	2016335860	2018257528	2017219415
<u>A23C 13 /-</u>	2019257366	<u>A61H 31 /-</u>	2017230792	<u>A61M 39 /-</u>	2017308158
2018392197	<u>A47K 11 /-</u>	<u>A61H 7 /-</u>	2017257191	2018257528	2017308159
<u>A23C 9 /-</u>	2018217134	<u>A61J 1 /-</u>	2018279627	<u>A61M 5 /-</u>	2017350499
2018392197	<u>A47K 13 /-</u>	<u>A61K 45 /-</u>	<u>A61K 39 /-</u>	2018205529	2018226871
2020227820	2018217134	2017308158	2016336150	<u>A61N 1 /-</u>	2019251016
<u>A23G 9 /-</u>	<u>A47L 15 /-</u>	2017308159	2016338851	2018204841	2019253510
2020227820	2021215120	<u>A61K 47 /-</u>	2016350717	2018204888	2019361871
<u>A23J 3 /-</u>	2018217134	2018225819	2018279627	2020311816	2020250026
2020227820	<u>A47L 9 /-</u>	2023200568	2019337530	2021204282	2020257053
<u>A23K 3 /-</u>	2020253014	<u>A61K 48 /-</u>	2019361871	<u>A61P 1 /-</u>	2020322881
2020227820	2018265211	2017308158	2020257053	2018204841	2020395741
		2017308159	2020257053	2018204888	2020412071
				2020311816	2021204515
				2021204282	<u>A61P 37 /-</u>
				<u>A61P 11 /-</u>	2016336150
				2018225819	2017310263
				2018265211	2018361867
				2021204406	2020250026
				<u>A61P 13 /-</u>	2020395741
				2020250026	<u>A61P 7 /-</u>
					2018273105
					<u>A61P 9 /-</u>
					2017330099

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<u>A61Q 15 /-</u>	2018310680	2022204059	2018289672 2018295788 2020216396	2022201542	2022201541
2017315222	<u>B01J 33 /-</u>	<u>B22F 1 /-</u>		<u>B63B 1 /-</u>	<u>B65F 1 /-</u>
<u>A63B 69 /-</u>	2020267318	2022204059	<u>B60B 27 /-</u>	2018268156	2017251836
2021257127	<u>B01J 37 /-</u>	<u>B23K 11 /-</u>	2022200991	<u>B63B 39 /-</u>	<u>B65G 1 /-</u>
<u>A63B 71 /-</u>	2020267318	2020445198	<u>B60B 35 /-</u>	2018268156	2020271780
2021257127	<u>B01J 8 /-</u>	<u>B23K 26 /-</u>	2022200991	<u>B63C 13 /-</u>	<u>B65G 47 /-</u>
<u>A63F 1 /-</u>	2020267318	2020210555	<u>B60G 7 /-</u>	2018250897	2020271780
2019426480 2022200064	<u>B01L 3 /-</u>	<u>B25D 11 /-</u>	2022201542	<u>B64F 1 /-</u>	<u>B65G 5 /-</u>
<u>A63F 3 /-</u>	2019311817	2017320579	<u>B60H 1 /-</u>	2021210807	2022201541
2019426480	<u>B01L 7 /-</u>	<u>B25F 5 /-</u>	2021215183	<u>B65B 11 /-</u>	<u>B65G 53 /-</u>
<u>A63F 9 /-</u>	2019311817	2017378360	<u>B60K 31 /-</u>	2019349011	2020329611
2019426480 2022200064	<u>B02C 4 /-</u>	<u>B25J 11 /-</u>	2021266218	<u>B65B 13 /-</u>	<u>B65G 60 /-</u>
<u>A63J 5 /-</u>	2021220242	2020253014	<u>B60K 7 /-</u>	2022201478	2022268356
2020467778	<u>B02C 7 /-</u>	<u>B25J 19 /-</u>	2018303472	<u>B65B 25 /-</u>	<u>B65G 63 /-</u>
<u>B01D 11 /-</u>	2017365706	2020253014	<u>B60L 53 /-</u>	2017356288	2022268356
2020288876	<u>B04C 9 /-</u>	<u>B25J 9 /-</u>	2020267793	<u>B65B 31 /-</u>	<u>B65G 67 /-</u>
<u>B01D 29 /-</u>	2020329611	2020241627 2020253014 2022268356	<u>B60P 7 /-</u>	2022201663	2022268356
2020206028 2020382734	<u>B05C 5 /-</u>	<u>B27K 3 /-</u>	2022201478	<u>B65B 43 /-</u>	<u>B66C 19 /-</u>
<u>B01D 35 /-</u>	2023203812	2023203812	<u>B60T 11 /-</u>	2022201663	2022268356
2020206028	<u>B05D 1 /-</u>	2023203812	2021261925	<u>B65B 55 /-</u>	<u>B66F 17 /-</u>
<u>B01D 37 /-</u>	2023203812	<u>B32B 15 /-</u>	<u>B60T 15 /-</u>	2017356288	2021266218
2020206028	<u>B05D 7 /-</u>	2020216396	2021261925	<u>B65B 9 /-</u>	<u>B66F 9 /-</u>
<u>B01D 61 /-</u>	2023203812	<u>B32B 17 /-</u>	<u>B60T 17 /-</u>	2022201663	2021266218
2020206028	<u>B07B 1 /-</u>	2020210555 2021214487	2021261925	<u>B65D 25 /-</u>	<u>B82Y 10 /-</u>
<u>B01D 63 /-</u>	2020329611	<u>B32B 27 /-</u>	<u>B60W 30 /-</u>	2017356288	2020259830
2020206028 2020286068	<u>B07B 4 /-</u>	2020216396 2020333250	2021266218 2022201542	<u>B65D 33 /-</u>	<u>C01B 3 /-</u>
<u>B01D 69 /-</u>	2020329611	<u>B32B 29 /-</u>	<u>B61L 15 /-</u>	2021204710	2020267318
2020286068	<u>B07B 9 /-</u>	2019352606	2021218061	<u>B65D 43 /-</u>	<u>C01B 33 /-</u>
<u>B01D 71 /-</u>	2020329611	<u>B32B 37 /-</u>	<u>B61L 25 /-</u>	2017251836	2018225820
2020286068	<u>B08B 3 /-</u>	2020333250	2021218061	<u>B65D 5 /-</u>	<u>C01G 23 /-</u>
<u>B01F 27 /-</u>	2017376816	2020333250	<u>B61L 27 /-</u>	2017336687	2018225820
2019216955 2020286068	<u>B21F 15 /-</u>	<u>B32B 43 /-</u>	2021218061	<u>B65D 50 /-</u>	<u>C01G 3 /-</u>
<u>B01F 35 /-</u>	2021358290	2020210555	<u>B62B 7 /-</u>	2018240850	2018310680
2019201710	<u>B21F 27 /-</u>	<u>B32B 7 /-</u>	2021204403	<u>B65D 65 /-</u>	<u>C01G 31 /-</u>
<u>B01F 35 /-</u>	2021358290	2020333250	<u>B62B 9 /-</u>	2019352606	2018225820
2019201710	<u>B21H 3 /-</u>	<u>B41M 3 /-</u>	2021204403	<u>B65D 85 /-</u>	<u>C01G 41 /-</u>
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2020307394		2018301918 2020381197	2021340822	<u>E04C 2 /-</u>	2021203270
<u>C02F 103 /-</u>	<u>C07D 513 /-</u>		<u>C12Q 1 /-</u>	2021214487	<u>E21B 33 /-</u>
2019216955	2019253510	<u>C08L 83 /-</u>	2020202761 2022203479 2022206099	<u>E04C 3 /-</u>	2018255513
<u>C02F 3 /-</u>	<u>C07H 13 /-</u>	2020381197		2021261963	<u>E21B 34 /-</u>
2020307394 2020432893 2021221862 2021340822	2018361867	<u>C09D 11 /-</u>	<u>C12R 1 /-</u>	<u>E04D 13 /-</u>	2020309495
	<u>C07K 1 /-</u>	2018289672 2021204654	2017230792 2022203749 2023203456	2022224751	<u>E21B 41 /-</u>
<u>C02F 7 /-</u>	<u>C07K 14 /-</u>	<u>C09D 183 /-</u>		<u>E04D 3 /-</u>	2016434682
2020432893	2016336150	2020357456	<u>C22B 11 /-</u>	2021261963	<u>E21B 43 /-</u>
<u>C03C 10 /-</u>	<u>C07K 16 /-</u>	<u>C09J 7 /-</u>	2020288876	<u>E04F 10 /-</u>	2018205724 2018255513 2018273454 2020309495
2018299800	2016330807 2016336150 2016338851 2016350717	2019431639	<u>C22B 3 /-</u>	2018303472	
<u>C03C 17 /-</u>	2019213045 2019361871 2020257053	<u>C10B 57 /-</u>	2018225820 2020288876	<u>E04F 11 /-</u>	<u>E21B 47 /-</u>
2021214487		2020421315	<u>C22B 34 /-</u>	2021210807	2016434682 2018408340
<u>C03C 3 /-</u>		<u>C12M 1 /-</u>	2018225820	<u>E04F 13 /-</u>	
2018299800	<u>C07K 17 /-</u>	2017362475 2020206028 2021340822 2022203479	<u>C22B 7 /-</u>	2021214487	<u>E21B 7 /-</u>
<u>C05D 9 /-</u>	2021202063		2018225820	<u>E05B 47 /-</u>	2018276939
2020324941	<u>C07K 19 /-</u>	<u>C12M 3 /-</u>	<u>D06F 39 /-</u>	2018305775	<u>E21C 35 /-</u>
<u>C07C 57 /-</u>	2016336150 2019251016	2017362475	2017264979	<u>E05B 63 /-</u>	2017254937
2018216673	<u>C07K 7 /-</u>	<u>C12N 1 /-</u>	<u>D06F 58 /-</u>	2018305775	<u>E21C 41 /-</u>
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<u>C07D 263 /-</u>	<u>C08G 77 /-</u>		2020333960	<u>E05F 15 /-</u>	2018250745
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(This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) Apple Inc.
(11) AU-B-2022100184
(21) 2022100184 (22) 08.12.2022
(54) System for and method of authenticating a component of an electronic device
(51) Int. Cl.
G06F 21/44 (2013.01)
G06F 21/62 (2013.01)
G06F 21/64 (2013.01)
G06F 21/71 (2013.01)
H04L 9/32 (2006.01)
(45) 10.08.2023
(62) 2022203908
(72) Ollivier, Julien
(74) FPA Patent Attorneys Pty Ltd

(71) Sakr, O.J.
(11) AU-B-2015101398
(21) 2015101398 (22) 25.09.2015
(54) Apparatus for turf retention and presentation for pet toiletry
(51) Int. Cl.
A01K 1/015 (2006.01)
A01K 23/00 (2006.01)
(45) 10.08.2023
(72) Sakr, Otra Julia
(74) Michael Buck IP

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2015101398 Sakr, O.J.
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2016406360	2016412933	2016428997	2016432713
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Innovation Patents

2019101846	2023100059	2023100064
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Offer to Surrender

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2010212371 dated 07.04.2011 for an invention titled ' Pirfenidone Treatment for Patients with Atypical Liver Function' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. c/o Genentech, Inc., Legal Department 1 DNA Way , South San Francisco CA 94080-4990** , the Patentee of Patent 2010256693 dated 07.01.2016 for an invention titled ' Improved method for synthesizing pirfenidone' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Offer to Surrender

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005-1021** , the Patentee of Patent 2011201520 dated 25.07.2013 for an invention titled ' Capsule Formulation Of Pirfenidone And Pharmaceutically Acceptable Excipients' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2012205256 dated 10.09.2015 for an invention titled ' Pirfenidone Treatment for Patients with Atypical Liver Function' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005-1021** , the Patentee of Patent 2013201986 dated 20.11.2014 for an invention titled ' Capsule Formulation Of Pirfenidone And Pharmaceutically Acceptable Excipients' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2013203397 dated 12.03.2015 for an invention titled ' Pirfenidone Therapy and Inducers of Cytochrome P450' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005-1021** , the Patentee of Patent 2013308489 dated 03.08.2017 for an invention titled ' Methods of administering pirfenidone therapy' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane California 94005-1021** , the Patentee of Patent 2014240300 dated 10.03.2016 for an invention titled ' Capsule Formulation of Pirfenidone and Pharmaceutically Acceptable Excipients' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **F.Hoffmann-La Roche AG Grenzachstrasse 124 , 4070 Basel** , the Patentee of Patent 2017241530 dated 30.03.2023 for an invention titled ' Granulate formulation of 5-methyl-1-phenyl-2(1H)-pyridone and method of making the same' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2005200586 Ethicon, Inc. The patent has been assigned to **ASP Global Manufacturing GmbH**

2009244130 Hutchison MediPharma Enterprises Limited The patent has been assigned to **HUTCHMED Limited**

2009355359 Obschestvo S Ogranichennoi Otvetstvennostyu "Mitotekh" The patent has been assigned to **Mitotech S.A.**

2010240551 Pierre Fabre Dermatologie The patent has been assigned to **PIERRE FABRE MEDICAMENT**

2010280362 Schlosser, Michael The patent has been assigned to **Erika B-Cure Laser Ltd**

Assignments Registered

2010310164 Rapparini, Gino The patent has been assigned to **Aroma System S.r.l.**

2011362905 Industrial Technology Research Institute The patent has been assigned to **BELX BIO-PHARMACEUTICAL (TAIWAN) CORPORATION**

2012247480 BIOM'UP France SAS The patent has been assigned to **DILON TECHNOLOGIES INC.**

2013205321 Stryker Corporation The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2013205322 Stryker Corporation The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2013205461 Stryker Corporation The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2013302262 CGG DATA SERVICES AG The patent has been assigned to **XCalibur MPH Switzerland SA**

2014264774 3M Innovative Properties Company The patent has been assigned to **DINAC**

2014336638 Ruprecht-Karls-Universitat Heidelberg; Deutsches Krebsforschungszentrum The patent has been assigned to **NO-VARTIS AG**

2015200963 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2015201655 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2015207977 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2015246625 Northern Sydney Local Health District The patent has been assigned to **Sujon Pty Ltd**

2015249548 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2015260938 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2015268581 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2015299059 Berlin Cures Holding AG The patent has been assigned to **Berlin Cures GmbH**

2016203396 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**

2016238942 Stryker Corporation The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**

2016245924 BIOM'UP France SAS The patent has been assigned to **DILON TECHNOLOGIES INC.**

2016277573 BIOM'UP France SAS The patent has been assigned to **DILON TECHNOLOGIES INC.**

2016420899 Japan Blue Energy Co., Ltd.; Tokyo University of Science Foundation The patent has been assigned to **Tokyo University of Science Foundation; JBEC Co., Ltd.**

2017239616 Ethicon, Incorporated The patent has been assigned to **ASP Global Manufacturing GmbH**

Assignments Registered

- 2017275411 J.M. Sales Associates, Inc. The patent has been assigned to **Xerxes Corporation**
- 2017301101 Y Bell Group Pty Ltd The patent has been assigned to **JFXD TRX ACQ LLC.**
- 2017302225 Obshchestvo S Ogranichennoj Otvetstvennostyu "avianovatsii" The patent has been assigned to **ELAVIA PTE. LTD.**
- 2017310470 BIOM'UP France SAS The patent has been assigned to **DILON TECHNOLOGIES INC.**
- 2018200419 Deutsches Krebsforschungszentrum; Ruprecht-Karls-Universität Heidelberg The patent has been assigned to **NOVARTIS AG**
- 2018274924 BIOM'UP France SAS The patent has been assigned to **DILON TECHNOLOGIES INC.**
- 2019203873 Stryker Corporation The patent has been assigned to **STRYKER EUROPEAN OPERATIONS HOLDINGS LLC**
- 2020101246 China University of Mining and Technology The patent has been assigned to **Anhui Leiming Explosives engineering Co.,Ltd**
- 2020201086 Deutsches Krebsforschungszentrum; Ruprecht-Karls-Universität Heidelberg The patent has been assigned to **NOVARTIS AG**
- 2020202351 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**
- 2020267292 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**
- 2020277204 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**
- 2020286263 CGG Services SA The patent has been assigned to **XCalibur MPH Switzerland SA**
- 2021106728 Buzzworks Pty Ltd The patent has been assigned to **Buzzworks Think Tank Pty Ltd**
- 2021106738 Buzzworks Pty Ltd The patent has been assigned to **Buzzworks Think Tank Pty Ltd**
- 2021106739 Buzzworks Pty Ltd The patent has been assigned to **Buzzworks Think Tank Pty Ltd**
- 2021106748 Buzzworks Pty Ltd The patent has been assigned to **Buzzworks Think Tank Pty Ltd**
- 2021106810 Buzzworks Pty Ltd The patent has been assigned to **Buzzworks Think Tank Pty Ltd**
- 2021293076 Deosan New Zealand Limited The patent has been assigned to **AGORA NZ LIMITED**

Licences Registered - Section 187, Reg. 19

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

- 2011307087 Shionogi & Co., Ltd. (Hoffman-La Roche Inc.; F. Hoffman-La Roche Ltd)
- 2016256125 Shionogi and Co., Ltd. (Hoffman-La Roche Inc.; F. Hoffman-La Roche Ltd)
- 2017282305 Shionogi & Co., Ltd. (Hoffman-La Roche Inc.; F. Hoffman-La Roche Ltd)
- 2018369241 Shionogi & Co., Ltd. (Hoffman-La Roche Inc.; F. Hoffman-La Roche Ltd)

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.

2020277123 **Acerta Pharma B.V.**

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

For the goods CALQUENCE acalabrutinib (as maleate)

Extension of Term of patent pursuant to Section 77 expires on 13 Oct 2037

Corrigenda

In Vol 36 , No 29 , Page(s) 4142 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Protagonist Therapeutics, Inc.; Suneel Kumar Gupta; Nishit Bachulal Modi, Application No. 2021205415, under INID (71) remove co-applicants Suneel Kumar Gupta; Nishit Bachulal Modi

In Vol 36 , No 45 , Page(s) 6165 under the heading **Change of Names(s) of Applicant(s), Section 104 - 2015** Under the name Regeneron Pharmaceuticals, Inc., Application No. 2015374385, under INID (71) correct the applicant name to Checkmate Pharmaceuticals, Inc.

In Vol 57 , No 19 , Page(s) 2648 under the heading **Amendments - Application for Amendments** Under the name Crane & Co., Inc, Application No. 2020279477 correct the date of the statements filed to read 18 Nov 2022 and 22 Feb 2023

In Vol 57 , No 29 , Page(s) 4331 under the heading **Applications Accepted - Name Index** Delete all reference to 2020293843.

In Vol 57 , No 30 , Page(s) 4383 under the heading **Amendments - Application for Amendments** Under the name Face International Corporation, Application No. 2017407989 correct the date of the statements filed to read 12 May 2023 and 23 June 2023

In Vol 57 , No 30 , Page(s) 4451 under the heading **Applications Accepted - Name Index** Delete all reference to 2022200830.