



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

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Freedom of Information ACT

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 4 Apr 2023 .

(71) Ace VTOL Pty Ltd (21) 2023900919 (22) 31.03.2023 (54) AN ARC REACTION ENGINE AND METHOD OF USE	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2023900915 (22) 31.03.2023 (54) SENSING DEVICE FOR A GROSS POLLUTANT TRAP	(71) Engas Pty Ltd (21) 2023900948 (22) 03.04.2023 (54) Refrigerant Composition (M60)
(71) ALGOFORCE PTY LTD (21) 2023900934 (22) 01.04.2023 (54) METAL DETECTOR WITH AMBIENT SOUND CONTROL	(71) Crawlne Pty Ltd (21) 2023900904 (22) 31.03.2023 (54) SYSTEM FOR GENERATIVE ANIMATED SYNCHRONISED STORYTELLING	(71) Engas Pty Ltd (21) 2023900952 (22) 03.04.2023 (54) Refrigerant Composition (M45)
(71) Baker, A. (21) 2023900914 (22) 31.03.2023 (54) An infant sleepwear garment	(71) Cumpson, P. (21) 2023900935 (22) 02.04.2023 (54) Arrow Location Device	(71) Fire Worx Pty Ltd (21) 2023900942 (22) 03.04.2023 (54) Ducting Damper Box
(71) Barbaro, J. (21) 2023900900 (22) 30.03.2023 (54) Eyelash Protectors	(71) Cumpson, P. (21) 2023900936 (22) 02.04.2023 (54) Apparatus and Method for Improved Spatially-Resolved Analysis of Specimens	(71) G&T Service Company Pty Ltd (21) 2023900901 (22) 30.03.2023 (54) A COMPUTER IMPLEMENTED TOOL FOR FILTERING TABLE DATA WITHIN A WORD PROCESSING DOCUMENT
(71) Bolton, W.M. (21) 2023900912 (22) 31.03.2023 (54) Portable roof cavity platform	(71) Davidson, N. (21) 2023900939 (22) 03.04.2023 (54) COMBINATION BALLPOINT PEN AND MECHANICAL PENCIL	(71) Ghobadi, R. (21) 2023900950 (22) 03.04.2023 (54) A food product stacking machine
(71) Broadcast Virtual Pty Ltd (21) 2023900905 (22) 31.03.2023 (54) A System and Method for Target Advertising	(71) Diamond, T. (21) 2023900925 (22) 01.04.2023 (54) An apparatus for transporting goods up and down an incline	(71) Guillemin, G. (21) 2023900945 (22) 03.04.2023 (54) Combination therapeutic formulation
(71) Burke, G. (21) 2023900937 (22) 03.04.2023 (54) AN IMPROVED SYSTEM AND METHOD FOR CONDUCTING ON-LINE SURVEYS	(71) Eco System Limited (21) 2023900924 (22) 01.04.2023 (54) AN ADAPTER AND METHOD OF USE FOR ADAPTING A MORTICE LOCK	(71) GULLACI, J. (21) 2023900899 (22) 30.03.2023 (54) Access control lock arrangement
(71) ByBrick (21) 2023900958 (22) 03.04.2023 (54) Construction Site Set Out String Hurdle	(71) Engas Pty Ltd (21) 2023900946 (22) 03.04.2023 (54) Refrigerant Composition (M20)	(71) Gutmann, P. (21) 2023900932 (22) 01.04.2023 (54) CAST-IN SOFFIT CONNECTION RAIL
		(71) Hamilton, W. (21) 2023900909 (22) 31.03.2023 (54) A System for Video Multimedia Augmentation

Provisional Applications Filed - Name Index cont'd

(71) Hybrid Freezer Systems Pty Ltd
(21) 2023900938 (22) 03.04.2023
(54) Freezer Truck Power System

(71) Hydroxsys Holdings Limited
(21) 2023900903 (22) 31.03.2023
(54) MEMBRANES AND METHODS

(71) Integrated Plastics Pty Limited
(21) 2023900917 (22) 31.03.2023
(54) PREFORM PREHEATING IN A CONTINUOUSLY ROTATING STRETCH BLOW MOULDING MACHINE

(71) James Hardie Technology Limited
(21) 2023900920 (22) 31.03.2023
(54) Improved decorated article

(71) Kadelco Pty Ltd
(21) 2023900918 (22) 31.03.2023
(54) Mine Tank Cleaning System

(71) Kinatico Ltd
(21) 2023900907 (22) 31.03.2023
(54) A CREDENTIAL MANAGEMENT SYSTEM FOR COMPLIANCE MANAGEMENT

(71) King of the Ring Pty. Ltd
(21) 2023900916 (22) 31.03.2023
(54) Transforming Boxing Ring and Fighting Cage Platform

(71) Lee, S.
(21) 2023900954 (22) 03.04.2023
(54) Pasteurization system for treating product in bins

(71) Mason, J.
(21) 2023900956 (22) 03.04.2023
(54) Rejuvenating device and method for rejuvenating

(71) Minelab Electronics Pty. Limited
(21) 2023900922 (22) 31.03.2023
(54) AN IMPROVED METAL DETECTOR

(71) Moroz Technologies Pty Ltd
(21) 2023900908 (22) 31.03.2023
(54) IMPLANT DEVICE, SYSTEM AND METHOD FOR TREATING DISEASE

(71) NewSouth Innovations Pty Limited
(21) 2023900941 (22) 03.04.2023
(54) Ultrasensitive CRISPR biosensors assisted by circular mediators

(71) OCEAN DEGREE YACHT SERVICES PTY LTD
(21) 2023900898 (22) 30.03.2023
(54) AN ENCAPSULATING JOINER AND METHODS OF USE THEREOF

(71) Pagden, K.
(21) 2023900947 (22) 03.04.2023
(54) Solar Powered 12/24/48 Volt DC. Portable Electric Vehicle Charger

(71) Palmaya Pty Ltd
(21) 2023900943 (22) 03.04.2023
(54) Subcutaneous Delivery Method

(71) Palmaya Pty Ltd
(21) 2023900944 (22) 03.04.2023
(54) An Implantable Form of Penicillin

Poidevin, M. see Poidevin, M.
(21) 2023900953

(71) Poidevin, M.; Poidevin, M.
(21) 2023900953 (22) 03.04.2023
(54) EMERGENCY ALERT WARNING SYSTEM UTILISING SATELLITE COMMUNICATIONS

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2023900902

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2023900910

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2023900902 (22) 31.03.2023
(54) POSITIONING AND STABILISING STRUCTURE FOR A PATIENT INTERFACE

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2023900910 (22) 31.03.2023
(54) A Conduit For A Positioning and Stabilising Structure and Connector for Same

(71) Rollease Acmeda, Inc.
(21) 2023900940 (22) 03.04.2023
(54) Wand for a cord driven blind assembly

(71) Scolaro, A.
(21) 2023900955 (22) 03.04.2023
(54) A Power Drive

(71) Selby, D.
(21) 2023900911 (22) 31.03.2023
(54) Vessel lid bearing indicia

(71) Share Chain Pty Ltd
(21) 2023900949 (22) 03.04.2023
(54) Method and System for AI-Assisted Litigation Funding and Claims Assessment

(71) Small, I.
(21) 2023900951 (22) 03.04.2023
(54) Improved Gearbox

(71) Systems IP Pty Ltd
(21) 2023900926 (22) 01.04.2023
(54) Universal connector and tube forming

(71) Systems IP Pty Ltd
(21) 2023900927 (22) 01.04.2023
(54) Universal connector with bead rolling

(71) Systems IP Pty Ltd
(21) 2023900928 (22) 01.04.2023
(54) A playground apparatus with overpass

(71) Systems IP Pty Ltd
(21) 2023900929 (22) 01.04.2023
(54) Net poles

(71) Systems IP Pty Ltd
(21) 2023900930 (22) 01.04.2023
(54) A playground apparatus with cargo net

(71) Systems IP Pty Ltd
(21) 2023900931 (22) 01.04.2023
(54) A stable playground apparatus

The University of Sydney see Western Sydney Local Health Network
(21) 2023900906

(71) The University of Western Australia
(21) 2023900921 (22) 31.03.2023
(54) APPARATUS AND METHOD FOR GENERATING OR SUPPORTING AN ELECTROMAGNETIC WAVE WITH NON-ZERO HELICITY

(71) Western Sydney Local Health Network; The University of Sydney
(21) 2023900906 (22) 31.03.2023
(54) Method and system for monitoring lesion development in tissue during ablation treatment

(71) WHITELEY CORPORATION PTY LTD
(21) 2023900923 (22) 31.03.2023
(54) Chronic wound care and Urinary Tract Infection care formulations

Provisional Applications Filed - Name Index cont'd

(71) Xero Limited
(21) 2023900913 (22) 31.03.2023
(54) Methods and systems for updating a
graph data structure

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2023900902	ResMed Pty Ltd; ResMed Asia Pte. Ltd.
2023900903	Hydroxsys Holdings Limited
2023900904	Crawnel Pty Ltd
2023900905	Broadcast Virtual Pty Ltd
2023900906	Western Sydney Local Health Network; The University of Sydney
2023900907	Kinatico Ltd
2023900908	Moroz Technologies Pty Ltd
2023900909	Hamilton, W.
2023900910	ResMed Pty Ltd; ResMed Asia Pte. Ltd.
2023900911	Selby, D.
2023900912	Bolton, W.M.
2023900913	Xero Limited
2023900914	Baker, A.
2023900915	Commonwealth Scientific and Industrial Research Organisation
2023900916	King of the Ring Pty. Ltd
2023900917	Integrated Plastics Pty Limited
2023900918	Kadelco Pty Ltd
2023900919	Ace VTOL Pty Ltd
2023900920	James Hardie Technology Limited
2023900921	The University of Western Australia
2023900922	Minelab Electronics Pty. Limited
2023900923	WHITELEY CORPORATION PTY LTD
2023900924	Eco System Limited
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2023900926	Systems IP Pty Ltd
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2023900931	Systems IP Pty Ltd
2023900932	Gutmann, P.
2023900934	ALGOFORCE PTY LTD
2023900935	Cumpson, P.
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2023900958	ByBrick

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 4 Apr 2023 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) Aarhus Universitet (21) 2023201738 (22) 21.03.2023 (54) Nepenthesin-1 derived resistance to fungal pathogens in major crop plants (62) 2018335849</p> <hr/> <p>(71) Aesculap AG (21) 2023201801 (22) 22.03.2023 (54) Multipurpose measurement instrument for use in a knee-joint replacement operation (31) 102022203411.2 (32) 06.04.22 (33) DE</p> <hr/> <p>(71) Alfa Laval Corporate AB (21) 2023201783 (22) 22.03.2023 (54) Centrifugal separation system and method of operating a centrifugal separator (62) 2020334109</p> <hr/> <p>(71) Apple Inc. (21) 2023201799 (22) 22.03.2023 (54) Device, method, and graphical user interface for managing authentication credentials for user accounts (62) 2021250882</p> <hr/> <p>(71) Aronson, J. (21) 2023201761 (22) 21.03.2023 (54) A scalable configurable universal full spectrum cyber process that utilises measure points from sensor observation-derived representations or analytically rich sparse data sets for making cyber determinations regarding or utilising sensor observations or sensor observations subjects (62) 2018269380</p> <hr/> <p>(71) Autonomous Solutions, Inc.; CNH Industrial America LLC (21) 2023201794 (22) 22.03.2023 (54) Equipment library for command and control software (62) 2017260442</p> <hr/> <p>(71) BASF Plant Science GmbH (21) 2023201789 (22) 22.03.2023 (54) AHAS MUTANTS (62) 2020260573</p> <hr/>	<p>(71) Beam Therapeutics Inc. (21) 2023201773 (22) 22.03.2023 (54) Compositions and methods for treating Hemoglobinopathies (62) 2020223060</p> <hr/> <p>(71) Beijing Baidu Netcom Science and Technology Co., Ltd. (21) 2023201780 (22) 22.03.2023 (54) Method and apparatus for evaluating quantum gate in superconducting circuit, device and storage medium (62) 2021201794</p> <hr/> <p>(71) Berger Holding GmbH & Co. KG (21) 2023201806 (22) 22.03.2023 (54) Valve For Flow Regulation In A Heating And/Or Cooling System (31) 10 2022 108 365.9 (32) 07.04.22 (33) DE</p> <hr/> <p>(71) BlueScope Steel Limited (21) 2023201803 (22) 22.03.2023 (54) Method of producing metal-coated steel strip (62) 2020230266</p> <hr/> <p>(71) CareFusion 303, Inc. (21) 2023201790 (22) 22.03.2023 (54) Infusion device hub for intelligent operation of infusion accessories (31) 63/322,628 (32) 22.03.22 (33) US</p> <hr/> <p>CNH Industrial America LLC see Autonomous Solutions, Inc. (21) 2023201794</p> <hr/> <p>(71) Daifuku Co., Ltd. (21) 2023201798 (22) 22.03.2023 (54) Inter-container transfer apparatus and inter-container transfer method (31) 2022-063608 (32) 06.04.22 (33) JP</p> <hr/> <p>(71) Denali Therapeutics Inc. (21) 2023201775 (22) 22.03.2023 (54) Compounds, compositions and methods (62) 2018313850</p> <hr/> <p>(71) E. I. DU PONT DE NEMOURS AND COMPANY; PIONEER HI-BRED INTERNATIONAL, INC. (21) 2023201788 (22) 22.03.2023</p>	<p>(54) PLANT GENOME MODIFICATION USING GUIDE RNA/CAS ENDONUCLEASE SYSTEMS AND METHODS OF USE (62) 2020264325</p> <hr/> <p>(71) Everseen Limited (21) 2023201759 (22) 21.03.2023 (54) SYSTEM AND METHOD FOR PROCESS SHAPING (62) 2019386397</p> <hr/> <p>(71) Genfit (21) 2023201802 (22) 22.03.2023 (54) Non-invasive diagnostic of non-alcoholic steatohepatitis (62) 2017242818</p> <hr/> <p>(71) Genmab A/S (21) 2023201733 (22) 20.03.2023 (54) Humanized or chimeric CD3 antibodies (62) 2016293073</p> <hr/> <p>(71) Gen-Probe Incorporated (21) 2023201805 (22) 22.03.2023 (54) Blood cell lysis reagent (62) 2017257978</p> <hr/> <p>Gileno, L. see Gileno, D. (21) 2023201784</p> <hr/> <p>(71) Gileno, D.; Gileno, L. (21) 2023201784 (22) 22.03.2023 (54) A BUILDING THAT RISES WITH FLOOD WATERS (31) 2022900780 (32) 28.03.22 (33) AU</p> <hr/> <p>(71) Health Arx Technologies Pvt. Ltd. (21) 2023201782 (22) 22.03.2023 (54) SYSTEM AND METHOD FOR DETERMINING LIFESTYLE REGIME (62) 2020231185</p> <hr/> <p>(71) Insulet Corporation (21) 2023201793 (22) 22.03.2023 (54) Drug delivery insertion apparatuses and system (62) 2019308285</p> <hr/> <p>Kalliontzis, J. see Kalliontzis, G. (21) 2023201785</p>
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(71) Kalliontzis, G.; Kalliontzis, J.
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(71) LG Electronics Inc.
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(71) Melville Equipment Corp. Pty Ltd
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(71) MFTB Holdco, Inc.
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(71) MFTB Holdco, Inc.
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(71) Xero Limited
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Applications listed below were processed through the Patent Office Canberra during the period ending 4 Apr 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) American Express Travel Related Services Co., Inc.
(21) 2023100031 **(22)** 04.04.2023
(54) TRANSFERS USING CREDIT ACCOUNTS
(62) 2019361981

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2023100031 American Express Travel Related Services Co., Inc.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
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9	Application Lapsed Section 142(3)
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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
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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
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2018236706 (4A)	2018236711 (4B)	2018236714 (4B)			
2018236716 (4B)	2018236717 (4B)	2018236740 (4B)			
2018236743 (4B)	2018236789 (4B)	2018236790 (4B)			
2018236845 (4B)	2018236863 (4B)	2018236877 (4B)			
2018236884 (4B)	2018241082 (14)	2018269380 (5C)			
2018271327 (14)	2018281967 (5C)	2018283826 (5C)			
2018284333 (5C)	2018313719 (5C)	2018338653 (4C)			
2018341349 (4C)	2018341472 (4C)	2018341773 (4C)			
2018343244 (4C)	2018345595 (4C)	2018350139 (25D)			
2018351196 (4B)	2018358346 (5C)	2018442732 (4C)			
2018442789 (4C)	2018443159 (4A)	2018444285 (5C)			
2019			2023		
			2023200201 (7AN)		

Assignments before Grant, Section 113

2017

2017296362 Indian Institute Of Technology (IIT Madras) The application has been assigned to **Aerostrovilos Energy Pvt Ltd; Indian Institute Of Technology (IIT Madras)**

2017353427 EngMab Sàrl The application has been assigned to **Bristol-Myers Squibb Company**

Assignments before Grant, Section 113

2018

2018307756 Centripetal Networks, Inc. The application has been assigned to **Centripetal Limited**

2019

2019235626 PF Argentum IP Holdings LLC The application has been assigned to **Pfizer Inc.**

2019235627 PF Argentum IP Holdings LLC The application has been assigned to **Pfizer Inc.**

2019336345 PF Argentum IP Holdings LLC The application has been assigned to **Pfizer Inc.**

2019351847 Hitachi Zosen Inova Etogas GmbH The application has been assigned to **HITACHI ZOSEN INOVA AG**

2020

2020268212 Hughes-Brown, Benjamin; Lee, Richard; Day, Simon The application has been assigned to **Lee, Duane; Lee, Richard; Hughes-Brown, Benjamin**

2020273347 EngMab Sàrl The application has been assigned to **Bristol-Myers Squibb Company**

2020322240 Isagro S.p.A. The application has been assigned to **GOWAN CROP PROTECTION LIMITED**

2021

2021209277 Centripetal Networks, Inc. The application has been assigned to **Centripetal Limited**

2021221695 EngMab Sàrl The application has been assigned to **Bristol-Myers Squibb Company**

2021261886 PF Argentum IP Holdings LLC The application has been assigned to **Pfizer Inc.**

2021273563 Palo Alto Research Center Incorporated The application has been assigned to **Novity, Inc.**

2021288692 Nautilus Biotechnology, Inc. The application has been assigned to **NAUTILUS SUBSIDIARY, INC.**

2021313839 Inspirar Limited The application has been assigned to **Frontera Therapeutics, Inc.**

2021331195 CENTRIPETAL NETWORKS, LLC The application has been assigned to **Centripetal Limited**

2021353410 Centripetal Networks, Inc. The application has been assigned to **Centripetal Limited**

2022

2022202068 Centripetal Networks, Inc. The application has been assigned to **Centripetal Limited**

Assignments before Grant, Section 113

2022275518 PF Argentum IP Holdings LLC The application has been assigned to **Pfizer Inc.**

Extensions of Time, Section 223

Applications Received

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

2017

2017248507 **Pentair Water Pool And Spa, Inc.** An application to extend the time from 11 Mar 2022 to 11 Jan 2023 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018307577 **Molony, V.** An application to extend the time from 03 Jul 2022 to 03 Mar 2023 in which to request examination has been filed . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

Applications Allowed - Section 223(2)

2014

2014262372 **Tournicare Pty Ltd** The time in which to pay a renewal fee has been extended to 07 Dec 2022 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2015

2015201966 **Cherry, P.** The time in which to pay a renewal fee has been extended to 12 Dec 2022 . Address for service - mdp Patent and Trade Mark Attorneys PO Box 273 Collins Street West VIC 8007 AU

2015202510 **Dobbie, R.; Atieh, A.** The time in which to request examination and pay the continuation fee has been extended to 18 Jan 2023 . Address for service - Ross Norman Dobbie 392 Robinson Ave Cloverdale WA 6105 AU

2017

2017101600 **Sports Technology Solutions Pty Ltd** The time in which to pay a renewal fee has been extended to 14 Oct 2022 . Address for service - SPORTS TECHNOLOGY SOLUTIONS PTY LTD 1A Pitt St Ashburton VIC 3147 AU

2018

2018256433 **Philip Morris Products S.A.** The time in which to pay a continuation fee has been extended to 19 Dec 2022 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2018274176 **Orphazyme A/S; UCL Business PLC** The time in which to request examination has been extended to 01 Dec 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2018404213 **Petróleo Brasileiro S.A. - Petrobras; Universidade Tecnológica Federal do Paraná** The time in which to request examin-

Extensions of Time, Section 223

ation has been extended to 01 Apr 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021

2021203361 **Illumina, Inc.** The time in which to pay a continuation fee has been extended to 23 Nov 2022 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2021203995 **Janssen Biotech, Inc.** The time in which to pay a continuation fee has been extended to 07 Dec 2022 . Address for service - RnB IP Pty Ltd PO Box 9530 DEAKIN ACT 2600 AU

2021227084 **ACCU TARGET MEDIPHARMA (SHANGHAI) CO., LTD.** The time in which to enter the National Phase has been extended to 24 Nov 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2023

2023200074 **PRODUITS BIO SUN INC.** The time in which to make a further application for a divisional patent has been extended to 25 Jan 2023 . Address for service - O'Sullivan's Patent and Trade Mark Attorneys Pty Ltd PO Box 75 Wembley WA 6913 AU

Amendments

Applications for Amendment

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

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

2016

2016290987 Hydantoin containing deoxyuridine triphosphatase inhibitors **CV6 Therapeutics (NI) Limited** The nature of the amendment is as shown in the statement(s) filed 14 Mar 2023 . Address for service - HENRY HUGHES IP LTD PO Box 356 Wellington 6140 NZ

2017

2017351635 Devices, systems and/or methods for myopia control **Brien Holden Vision Institute Limited** The nature of the amendment is as shown in the statement(s) filed 03 Apr 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2018

2018241875 Induction coil arrangement **Nicoventures Trading Limited** The nature of the amendment is as shown in the statement(s) filed 09 Mar 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018326401 Method and system for use in performing localisation **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 03

Amendments

Apr 2023 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2020

2020219412 Novel frozen confection shaped bakery item compositions **Unilever IP Holdings B.V.** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2023 . Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

Amendments Made

2017

2017386122 **Ethicon LLC** The nature of the amendment is as shown in the statement(s) filed 02 Mar 2023

2018

2018286646 **Drone Sharks Pty Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102249

2019

2019284446 **Daifuku Co., Ltd.** The nature of the amendment is: Amend the invention title to read DIVERGING/MERGING DEVICE FOR CONVEYING EQUIPMENT

2019445032 **Reend Spółka Z Ograniczoną Odpowiedzialnością** The nature of the amendment is: Amend the name of the inventor to read LEWANDOWSKI, Dariusz and SOBECKI, Roman

2020

2020223701 **Cufone, M.** The nature of the amendment is: Amend the priority details to read add divisional 2020200830

2021

2021201926 **Depuy Ireland Unlimited Company** The nature of the amendment is: Amend the name of the inventor to read WAITE II, David W.; MATYAS, Aaron J.; YOUNG, Duncan G. and THOMAS, Scott M.

2021249123 **Walking Fish Therapeutics** The nature of the amendment is: Amend the priority details to read 63/003,120 31 Mar 2020 US and 63/073,799 02 Sep 2020 US

2021327622 **Kanaph Therapeutics Inc.; Korea Research Institute of Chemical Technology** The nature of the amendment is: Amend the name of the inventor to read Shin, Young Sook; Lim, Sang Kyun; Lee, Yeri; Kim, Donggeon; Han, Soo Bong; Yun, Chang Soo; Kim, Hyun Jin; Lee, Joo Youn; Lee, Hyuk and Seong, Sikwang

2021328179 **Panasonic Holdings Corporation; Sekisui House, Ltd.** The nature of the amendment is as shown in the statement(s) filed 22 Feb 2023

2021375031 **Sumitomo Metal Mining Co., Ltd.** The nature of the amendment is: Amend the invention title to read Bubble measurement device and bubble measurement method

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

Amendments**2009**

2009204661 Vale Inco Limited The name of the patentee has been altered to **Vale Canada Limited**

2012

2012214677 INTEGRATED BIOTHERAPEUTIC VACCINES, INC. The name of the patentee has been altered to **ABVACC, INC.**

2015

2015213577 Fred Hutchinson Cancer Research Center The name of the patentee has been altered to **Fred Hutchinson Cancer Center**

2019

2019242026 DDP Specialty Electronic Materials US, Inc. The name of the applicant has been altered to **DDP Specialty Electronic Materials US, LLC**

2020

2020239045 DDP Specialty Electronic Materials US, Inc. The name of the applicant has been altered to **DDP Specialty Electronic Materials US, LLC**

2022

2022202804 OSIsoft, LLC. The name of the applicant has been altered to **OSIsoft, LLC**

2022903452 NewSouth Innovations Pty Ltd The name of the applicant has been altered to **NewSouth Innovations Pty Limited**

2023

2023900515 NewSouth Innovations Pty Ltd The name of the applicant has been altered to **NewSouth Innovations Pty Limited**

2023900842 GNS Science; University of Canterbury; Leveneu, Jérôme; McArdle, Sophie; Marshall, Aaron The name of the applicant has been altered to **GNS Science; University of Canterbury; Leveneur, J.; McArdle, S.; Marshall, A.**

Applications Open to Public Inspection

Name Index

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

(71) Abu Seif, M.
 (11) AU-A-2022235587
 (21) 2022235587 (22) 21.09.2022
 (54) MODULAR SMART PLANTER BOX
 (51) Int. Cl.
A01G 9/02 (2018.01)
A01G 9/033 (2018.01)
A01G 9/24 (2006.01)
A01G 9/26 (2006.01)
A01G 27/02 (2006.01)
A01G 9/00 (2018.01)
A01G 27/00 (2006.01)
A01G 27/04 (2006.01)
 (31) 2021903201 (32) 06.10.21 (33) AU
 (43) 20.04.2023
 (72) Abu Seif, Majed
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Agate Integrated Engineering Sdn Bhd
 (11) AU-A-2021290400
 (21) 2021290400 (22) 27.12.2021
 (54) AN AUTOMATED INSPECTION APPARATUS FOR NON-DESTRUCTIVE INSPECTION OF WELDS ON PIPES FOR DETECTING ONE OR MORE ANOMALIES IN PIPES
 (51) Int. Cl.
G01N 27/82 (2006.01)
G01M 3/00 (2006.01)
G01N 17/00 (2006.01)
 (31) PI2021005912 (32) 01.10.21 (33) MY
 (43) 20.04.2023
 (72) Popov, Sergey Duardovich; Sultan Abdul Kadir, Naina Mohamed Bin
 (74) MOHAN MURALI KODIVEL

(71) AKS INDUSTRIES AUSTRALIA PTY LTD
 (11) AU-A-2023201722
 (21) 2023201722 (22) 20.03.2023
 (54) LIQUID MIXING APPARATUS
 (51) Int. Cl.
B01F 33/00 (2022.01)
 (43) 20.04.2023
 (62) 2017202060
 (72) MCKAY, Damien
 (74) Churchill Attorneys

(71) Alfa Laval Corporate AB
 (11) AU-A-2023201783
 (21) 2023201783 (22) 22.03.2023
 (54) Centrifugal separation system and method of operating a centrifugal separator
 (51) Int. Cl.
B04B 11/02 (2006.01)
B04B 1/14 (2006.01)
B04B 13/00 (2006.01)

(43) 20.04.2023
 (62) 2020334109
 (72) LARSSON, Per-Gustaf
 (74) FB Rice Pty Ltd

Allikian, K. see Syed, R.
 (21) 2023201749

(71) Angel Group Co., Ltd.
 (11) AU-A-2023201724
 (21) 2023201724 (22) 20.03.2023
 (54) System for counting number of game tokens
 (51) Int. Cl.
A63F 3/00 (2006.01)
A63F 13/80 (2014.01)
G06Q 50/10 (2012.01)
G07D 9/00 (2006.01)
 (43) 20.04.2023
 (62) 2018225928
 (72) SHIGETA, Yasushi
 (74) FB Rice Pty Ltd

(71) APT R&D PTY LTD
 (11) AU-A-2022246432
 (21) 2022246432 (22) 06.10.2022
 (54) SYSTEM AND METHOD FOR DISPLAY OF EVENT INFORMATION
 (51) Int. Cl.
H04L 65/1069 (2022.01)
G06F 3/14 (2006.01)
G06F 9/455 (2018.01)
H04L 67/14 (2022.01)
H04N 21/2187 (2011.01)
H04N 21/41 (2011.01)
H04N 21/61 (2011.01)
H04N 21/8547 (2011.01)
G06Q 10/06 (2012.01)
H04J 3/06 (2006.01)
H04L 67/02 (2022.01)
H04L 67/10 (2022.01)
H04N 21/258 (2011.01)
H04N 21/43 (2011.01)
H04N 21/81 (2011.01)
 (31) 2021903198 (32) 06.10.21 (33) AU
 (43) 20.04.2023
 (72) Rafizadeh, Darius Sean
 (74) Madderns Pty Ltd

(71) Aristocrat Technologies, Inc.
 (11) AU-A-2022246390
 (21) 2022246390 (22) 05.10.2022
 (54) Electronic Gaming Machine with Symbols Streaming Adjacent an Active Reel Matrix with Reel Expansion and Symbol Absorption Processes
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (31) 17/957,129 (32) 30.09.22 (33) US
 63/252,369 05.10.21 US

(43) 20.04.2023
 (72) BOESE, Eric; WILLIAMS, Ronald; YI, Jae
 (74) Griffith Hack

(71) AVA Risk Group Limited
 (11) AU-A-2021254552 (22) 19.10.2021
 (54) Improvements in Fibre Optic Distributed Acoustic Sensing
 (51) Int. Cl.
G01H 9/00 (2006.01)
G08B 29/18 (2006.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
 (31) 2021903174 (32) 05.10.21 (33) AU
 (43) 20.04.2023
 (72) Meehan, Alaster
 (74) Griffith Hack

(71) Baker Hughes Holdings LLC
 (11) AU-A-2023201758
 (21) 2023201758 (22) 21.03.2023
 (54) Systems and methods for backup communications
 (51) Int. Cl.
E21B 47/14 (2006.01)
H04B 3/54 (2006.01)
H04B 3/58 (2006.01)
H04B 11/00 (2006.01)
 (43) 20.04.2023
 (62) 2019340256
 (72) Freeman, James Joseph
 (74) FPA Patent Attorneys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2023201284
 (21) 2023201284 (22) 02.03.2023
 (54) COVER FOR TISSUE PENETRATING DEVICE WITH INTEGRATED MAGNETS AND MAGNETIC SHIELDING
 (51) Int. Cl.
A61B 5/05 (2021.01)
A61M 3/00 (2006.01)
A61M 5/158 (2006.01)
A61M 5/32 (2006.01)
A61M 5/46 (2006.01)
 (43) 20.04.2023
 (62) 2022200237
 (72) Ma, Yiping; Burkholz, Jonathan Karl; Harding, Weston; Isaacson, Ray S.; O'Bryan, Jeffrey C.
 (74) Dark IP

(71) Becton, Dickinson and Company
 (11) AU-A-2023201615
 (21) 2023201615 (22) 15.03.2023
 (54) Multiplex detection of vulvovaginal candidiasis, trichomoniasis and bacterial vaginosis

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.
C12P 19/34 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/50 (2006.01)

(43) 20.04.2023
(62) 2021286250
(72) PAQUETTE, Nancy; TREMBLAY, Marie-Helene; TREMBLAY, Simon; THERRIEN, Roseline; FORTIN, Marie-Christine; BELLEY-MONTFORT, Lucile; CANTIN, Dany; ROGER-DALBERT, Celine
(74) FB Rice Pty Ltd

(71) Beijing Baidu Netcom Science and Technology Co., Ltd.
(11) AU-A-2023201780
(21) 2023201780 (22) 22.03.2023
(54) Method and apparatus for evaluating quantum gate in superconducting circuit, device and storage medium
(51) Int. Cl.
G06N 10/00 (2022.01)
B82Y 10/00 (2011.01)
(43) 20.04.2023
(62) 2021201794
(72) JIN, Lijing; DUAN, Runyao
(74) Davies Collison Cave Pty Ltd

(71) Biomerica, Inc.
(11) AU-A-2023201768
(21) 2023201768 (22) 21.03.2023
(54) Compositions, devices, and methods of gastroesophageal reflux disease sensitivity testing
(51) Int. Cl.
A61B 5/00 (2006.01)
(43) 20.04.2023
(62) 2017283493
(72) Irani-Cohen, Zackary; Laderman, Elisabeth
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Block, Inc.
(11) AU-A-2023201736
(21) 2023201736 (22) 21.03.2023
(54) Point of sale (pos) systems and methods with dynamic kernel selection
(51) Int. Cl.
G06F 21/53 (2013.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
(43) 20.04.2023
(62) 2019405995
(72) CAT, Murat; AYDENIZ, Gokhan; TERRA, David
(74) FB Rice Pty Ltd

Brown, J.E. see Cognate 3 LLC
(21) 2023201743

Byrne, D. see DB Controls & HVAC Services Pty Ltd
(21) 2022201217

(71) Caterpillar Inc.
(11) AU-A-2023201740
(21) 2023201740 (22) 21.03.2023
(54) Modular manifold having at least two control modules for controlling operation of at least two hydraulic actuators of an earthmoving machine
(51) Int. Cl.
E02F 3/84 (2006.01)
E02F 9/22 (2006.01)
(43) 20.04.2023
(62) 2020236329
(72) Ferraz Jr., John; Jackson, Michael T.; O'Neill, William N.
(74) FPA Patent Attorneys Pty Ltd

(71) CFPH, LLC
(11) AU-A-2023201751
(21) 2023201751 (22) 21.03.2023
(54) Game broker
(51) Int. Cl.
G06Q 40/00 (2023.01)
G06Q 99/00 (2006.01)
(43) 20.04.2023
(62) 2021200358
(72) LUTNICK, Howard W.; GELMAN, Geoffrey M.
(74) Spruson & Ferguson

(71) CHINI GROUP PTY LTD
(11) AU-A-2021240318
(21) 2021240318 (22) 02.10.2021
(54) System and Method for Arranging Vehicles between two or more parties through the Use of Computing Devices
(51) Int. Cl.
G06Q 30/06 (2012.01)
G06Q 50/00 (2012.01)
G06Q 50/30 (2012.01)
G06Q 90/00 (2006.01)
(43) 20.04.2023
(72) Lama, Prem
(74) CHINI GROUP PTY LTD

(71) Cognate 3 LLC; Brown, J.E.; Roberts, S.J.
(11) AU-A-2023201743
(21) 2023201743 (22) 21.03.2023
(54) COMPOSITIONS AND METHODS FOR INDUCING APOPTOSIS IN ANAEROBIC CELLS AND RELATED CLINICAL METHODS FOR TREATING CANCER AND PATHOGENIC INFECTIONS
(51) Int. Cl.
C07H 19/24 (2006.01)
(43) 20.04.2023
(62) 2018313719
(72) Brown, Joe Ernest; Roberts, Suzannah Jane
(74) PHILLIPS ORMONDE FITZPATRICK

(71) COS IPT Pty Ltd
(11) AU-A-2023201192
(21) 2023201192 (22) 28.02.2023
(54) Apparatus for storing organic material
(51) Int. Cl.

A22B 5/00 (2006.01)
A22B 7/00 (2006.01)
F25D 3/00 (2006.01)
(43) 20.04.2023
(62) 2016345054
(72) Staughton, Simon
(74) mdp Patent and Trade Mark Attorneys

(71) Cripps Clark, J.
(11) AU-A-2023201021
(21) 2023201021 (22) 21.02.2023
(54) IntegTech is an extension to block chain processing (ie for consistent asynchronous, non-linear, localized, state-driven and/or condition-based procedurality in distributed systems (and enabling safer application of AI learning)) with further models and functionality for enabling collaboratively developed and enforced data standards in potentially spatially distributed systems of block chain capable devices (incl a CleanStaple tag) that can be updated across networks connected atleast intermittently and allowing legal delegations where needed. Also models for ordering, voting, public coords.

(51) Int. Cl.
G06F 16/215 (2019.01)
G06F 11/30 (2006.01)
G06F 21/50 (2013.01)
(31) 2022903460 (32) 17.11.22 (33) AU
2022903799 12.12.22 AU
(43) 20.04.2023
(61) 2021202215
(62) 2022201926,2022203235,2023200086
(72) Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark

(71) DATA ZOO PTY LIMITED
(11) AU-A-2023201493
(21) 2023201493 (22) 09.03.2023
(54) A method for electronic identity verification and management
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06F 21/32 (2013.01)
G06F 21/34 (2013.01)
G06Q 50/26 (2012.01)
G06V 40/16 (2022.01)
G06V 40/40 (2022.01)
(43) 20.04.2023
(62) PCT/AU2022/051052
(72) ANWAR, Memoona; FITZGIBBON, Antony
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) DB Controls & HVAC Services Pty Ltd; Byrne, D.
(11) AU-A-2022201217
(21) 2022201217 (22) 22.02.2022
(54) Integrated Platform for AR Control System.
(51) Int. Cl.
G02B 27/01 (2006.01)
G02C 11/00 (2006.01)
G06F 3/048 (2013.01)
G06F 3/16 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- (31) 2021903186 (32) 05.10.21 (33) AU (21) 2023201788 (22) 22.03.2023
 (43) 20.04.2023 (54) PLANT GENOME MODIFICATION USING GUIDE RNA/CAS ENDONUCLEASE SYSTEMS AND METHODS OF USE
 (72) Byrne, David
 (74) DB Controls & HVAC Services Pty Ltd
-
- (71) Denali Therapeutics Inc.
 (11) AU-A-2023201775
 (21) 2023201775 (22) 22.03.2023
 (54) Compounds, compositions and methods
 (51) Int. Cl.
C07C 211/38 (2006.01)
C07C 217/52 (2006.01)
C07C 233/05 (2006.01)
 (43) 20.04.2023
 (62) 2018313850
 (72) Craig II, Robert A.; Estrada, Anthony A.; Feng, Jianwen A.; Fox, Brian; Hale, Christopher R. H.; Lexa, Katrina W.; Osipov, Maksim; Remarchuk, Travis; Sweeney, Zachary K.; de Vicente Fidalgo, Javier
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) DE' LONGHI APPLIANCES S.r.l.
 (11) AU-A-2022246386
 (21) 2022246386 (22) 04.10.2022
 (54) DEVICE FOR EMULSIFYING AND/OR HEATING MILK
 (51) Int. Cl.
A47J 31/44 (2006.01)
A23C 9/152 (2006.01)
A47J 31/46 (2006.01)
 (31) 102021000025424 (32) 04.10.21 (33) IT
 (43) 20.04.2023
 (72) ALTOÈ, Edy; STECCA, Matteo; SARTOR, Alessandro; FORIN, Stefano; ROSSETTO, Giovanni
 (74) MINTER ELLISON
-
- (71) Disney Enterprises, Inc.; ETH Zürich (Eidgenössische Technische Hochschule Zürich)
 (11) AU-A-2022241513
 (21) 2022241513 (22) 28.09.2022
 (54) Transformer-based shape models
 (51) Int. Cl.
G06T 19/20 (2011.01)
G06F 30/27 (2020.01)
G06N 3/08 (2006.01)
G06N 20/00 (2019.01)
G06T 9/00 (2006.01)
G06T 13/00 (2011.01)
H03M 1/22 (2006.01)
H03M 7/00 (2006.01)
 (31) 63/251,483 (32) 01.10.21 (33) US
 17/675,713 18.02.22 US
 (43) 20.04.2023
 (72) Bradley, Derek Edward; Chandran, Prashanth; Fabiano Urnau Gotardo, Paulo; Zoss, Gaspard
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) E. I. DU PONT DE NEMOURS AND COMPANY; PIONEER HI-BRED INTERNATIONAL, INC.
 (11) AU-A-2023201788
 (21) 2023201788 (22) 22.03.2023
 (54) PLANT GENOME MODIFICATION USING GUIDE RNA/CAS ENDONUCLEASE SYSTEMS AND METHODS OF USE
 (51) Int. Cl.
C12N 15/82 (2006.01)
 (43) 20.04.2023
 (62) 2020264325
 (72) CIGAN, Andrew; FALCO, Saverio Carl; GAO, Huirong; LI, Zhongsen; LIU, Zhan-Bin; LYZNIK, L. Aleksander; SHI, Jinrui; SVITASHEV, Sergei; YOUNG, Joshua K.
 (74) Oxygene IP
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- (71) ENVISION VR PTY LTD
 (11) AU-A-2021240311
 (21) 2021240311 (22) 01.10.2021
 (54) TECHNOLOGY CONFIGURED TO FACILITATE CLIENT DEVICE ENGAGEMENT WITH THREE-DIMENSIONAL ARCHITECTURAL MODELS
 (51) Int. Cl.
G06T 19/00 (2011.01)
G06F 3/01 (2006.01)
G06Q 50/16 (2012.01)
 (43) 20.04.2023
 (72) Shaw, Michael
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- (71) ENVISION VR PTY LTD
 (11) AU-A-2021240312
 (21) 2021240312 (22) 01.10.2021
 (54) TECHNOLOGY CONFIGURED TO ENABLE SHARED EXPERIENCES WHEREBY MULTIPLE USERS ENGAGE WITH 2D AND/OR 3D ARCHITECTURAL ENVIRONMENTS WHILST IN A COMMON PHYSICAL LOCATION
 (51) Int. Cl.
G06T 19/00 (2011.01)
G06F 3/01 (2006.01)
G06T 7/73 (2017.01)
G06F 3/0484 (2013.01)
 (43) 20.04.2023
 (72) Shaw, Michael
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- (71) ENVISION VR PTY LTD
 (11) AU-A-2022241539
 (21) 2022241539 (22) 29.09.2022
 (54) TECHNOLOGY CONFIGURED TO FACILITATE CLIENT DEVICE ENGAGEMENT WITH THREE-DIMENSIONAL ARCHITECTURAL MODELS
 (51) Int. Cl.
G06T 19/00 (2011.01)
G06F 3/01 (2006.01)
G06Q 50/16 (2012.01)
 (43) 20.04.2023
 (62) 2021240311,2021240312
 (72) Shaw, Michael
 (74) FORWARD INTELLECTUAL PROPERTY PTY LTD
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- ETH Zürich (Eidgenössische Technische Hochschule Zürich) see Disney Enterprises, Inc.
 (21) 2022241513
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- (71) FG Innovation Company Limited; Sharp Kabushiki Kaisha
 (11) AU-A-2023201754
 (21) 2023201754 (22) 21.03.2023
 (54) Systems and methods for applying deblocking filters to reconstructed video data
 (51) Int. Cl.
H04N 19/86 (2014.01)
H04N 19/82 (2014.01)
 (43) 20.04.2023
 (62) 2019242247
 (72) ZHU, Weijia; MISRA, Kiran Mukesh; SEGALL, Christopher Andrew; COWAN, Philip
 (74) Davies Collison Cave Pty Ltd
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023201335
 (21) 2023201335 (22) 03.03.2023
 (54) RESPIRATORY EQUIPMENT PACKAGING AND A PACKAGING INSERT FOR RESPIRATORY EQUIPMENT
 (51) Int. Cl.
B65D 5/42 (2006.01)
B65D 77/24 (2006.01)
B65D 77/26 (2006.01)
 (43) 20.04.2023
 (62) 2017235840
 (72) Scheirlinck, Erik Robertus; Duthie, Neil Gray
 (74) AJ PARK
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- (71) Fisher & Paykel Healthcare Limited
 (11) AU-A-2023201752
 (21) 2023201752 (22) 21.03.2023
 (54) PRESSURE REGULATING VALVE
 (51) Int. Cl.
A61M 16/20 (2006.01)
 (43) 20.04.2023
 (62) 2017314186
 (72) Barnes, Thomas Heinrich; Massey, Shane Terry; Edwards, Taylor James; Kat, Arjen David; Gordon, James Alexander; Nelson, Grant Leigh; Corazza, Carsten Ma On Wong
 (74) AJ PARK
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- (71) Flexopack S.A.
 (11) AU-A-2022244083
 (21) 2022244083 (22) 04.10.2022
 (54) MULTILAYER MONOAXIALLY ORIENTED CROSSLINKED FILM AND PROCESS
 (51) Int. Cl.
B32B 27/32 (2006.01)
B32B 27/08 (2006.01)
 (31) 21200919.5 (32) 05.10.21 (33) EP
 (43) 20.04.2023
 (72) Gkinosatis, Dimitris
 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2022203229
 (21) 2022203229 (22) 13.05.2022
 (54) Cable Support System
 (51) Int. Cl.
B66F 3/36 (2006.01)
B60P 3/14 (2006.01)
B62D 33/02 (2006.01)
B66F 11/00 (2006.01)
B60P 1/54 (2006.01)
B66F 3/38 (2006.01)
B66F 3/46 (2006.01)
H02G 1/06 (2006.01)
H02G 3/38 (2006.01)

(31) 2021903155 (32) 01.10.21 (33) AU
 (43) 20.04.2023
 (72) Clark, Stewart; Graham, Phillip; McDonnell, Alex
 (74) Griffith Hack

Gao, Y. see Syed, R.

(21) 2023201749

(71) GAZTRANSPORT ET TECHNIGAZ

(11) AU-A-2022235548

(21) 2022235548 (22) 20.09.2022

(54) METHOD AND SYSTEM FOR COMPUTING A TRANSITION PARAMETER OF A LIQUEFIED GAS STORAGE MEDIUM

(51) Int. Cl.
G06Q 50/06 (2012.01)
F17C 1/00 (2006.01)
G06F 7/06 (2006.01)
G06Q 10/04 (2012.01)

(31) 2110369 (32) 30.09.21 (33) FR
 (43) 20.04.2023
 (72) Bonnissel, Marc
 (74) Cooper IP Pty Ltd

(71) Geddes, G.A.

(11) AU-A-2023201377

(21) 2023201377 (22) 06.03.2023

(54) A wall assembly

(51) Int. Cl.
E04F 13/08 (2006.01)
E04B 2/88 (2006.01)

(43) 20.04.2023
 (62) 2017296533
 (72) Geddes, Gordon Andrew
 (74) GLMR

(71) Global Esprit Inc.

(11) AU-A-2021245154

(21) 2021245154 (22) 06.10.2021

(54) A Head Strap Device

(51) Int. Cl.
A63B 33/00 (2006.01)

(43) 20.04.2023
 (72) Chiang, Herman; Wang, Tsai-Tung
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) H. Lundbeck A/S

(11) AU-A-2023201741

(21) 2023201741 (22) 21.03.2023

(54) New catecholamine prodrugs for use in the treatment of Parkinson's disease

(51) Int. Cl.
C07D 405/14 (2006.01)
A61K 31/473 (2006.01)
A61P 25/00 (2006.01)
C07D 405/12 (2006.01)

(43) 20.04.2023

(62) 2018371193

(72) JENSEN, Klaus Gjervig; KVÆRNØ, Lisbet; JUHL, Martin; JØRGENSEN, Morten

(74) Spruson & Ferguson

(71) Hanmi Pharm. Co., Ltd.

(11) AU-A-2023201118

(21) 2023201118 (22) 24.02.2023

(54) Glucagon derivative and a composition comprising a long acting conjugate of the same

(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 38/28 (2006.01)

(43) 20.04.2023

(62) 2016287209

(72) Kim, Jung Kuk; Park, Young Jin; Choi, In Young; Jung, Sung Youb

(74) FB Rice Pty Ltd

(71) Health Arx Technologies Pvt. Ltd.

(11) AU-A-2023201782

(21) 2023201782 (22) 22.03.2023

(54) SYSTEM AND METHOD FOR DETERMINING LIFESTYLE REGIME

(51) Int. Cl.
G06Q 10/06 (2023.01)
G06Q 50/26 (2012.01)
G16H 10/60 (2018.01)

(43) 20.04.2023

(62) 2020231185

(72) CHOPRA, Gautam; SEHGAL, Yash

(74) Collison & Co

(71) HITIQ LIMITED

(11) AU-A-2022241625

(21) 2022241625 (22) 01.10.2022

(54) PREDICTION OF HEAD IMPACT EVENT MECHANISM VIA INSTRUMENTED MOUTHGUARD DEVICES

(51) Int. Cl.
A61B 5/11 (2006.01)
A61B 5/00 (2006.01)
A63B 71/08 (2006.01)
G01P 15/18 (2013.01)
G01P 15/14 (2013.01)
G06T 13/40 (2011.01)

(31) 2021903145 (32) 01.10.21 (33) AU

(43) 20.04.2023

(72) Vegar, Mike; Erikson, David; Cuevas, Luis

(74) FORWARD INTELLECTUAL PROPERTY PTY LTD

(71) Huawei Technologies Co., Ltd.

(11) AU-A-2023201715

(21) 2023201715 (22) 20.03.2023

(54) DEVICE AND METHOD FOR INTRA-PREDICTION

(51) Int. Cl.
H04N 19/117 (2014.01)
H04N 19/157 (2014.01)
H04N 19/182 (2014.01)
H04N 19/82 (2014.01)

(43) 20.04.2023

(62) 2018429284

(72) Filippov, Alexey Konstantinovich; Ruffitskiy, Vasily Alexeevich

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Hussmann Corporation

(11) AU-A-2022241587

(21) 2022241587 (22) 30.09.2022

(54) Break-away door handle

(51) Int. Cl.
A47B 95/02 (2006.01)
A47F 3/04 (2006.01)
E05B 1/00 (2006.01)

(31) 63/251,352 (32) 01.10.21 (33) US

(43) 20.04.2023

(72) LaMONTAGNE, Rick M.; TIAN, Yi

(74) Griffith Hack

(71) Iconic Equestrian Pty Ltd

(11) AU-A-2021240328

(21) 2021240328 (22) 04.10.2021

(54) Multi layer Saddle Pad and Liner Pad

(51) Int. Cl.
B68C 1/12 (2006.01)

(43) 20.04.2023

(72) Whitelaw-Pinter, Alexandra; Pinter, Abby

(74) Iconic Equestrian Pty Ltd

(71) Integrant Pty Ltd

(11) AU-A-2021245111

(21) 2021245111 (22) 05.10.2021

(54) Hard Wire Locking System Orthopaedic Frame

(51) Int. Cl.
A61B 17/60 (2006.01)
A61B 17/68 (2006.01)
A61B 90/00 (2016.01)

(43) 20.04.2023

(72) Slater, Gordon; McPherson, Robert

(74) Integrant Pty Ltd

(71) J. Ray McDermott, S.A.

(11) AU-A-2023201897

(21) 2023201897 (22) 28.03.2023

(54) Systems and methods for pipe reeling and laying with mechanically lined pipe

(51) Int. Cl.
F16L 1/16 (2006.01)

(43) 20.04.2023

(62) 2019321562

(72) SHANG-KUAN, Chou Hu; PAUL, Eldho; GIACIC, Kristijan; NAIK, Harit; NGAI, Tommy Kai Ho

(74) Griffith Hack

(71) Jiangsu Shemar Electric Co., Ltd.

(11) AU-A-2023201739

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- (21) 2023201739 (22) 21.03.2023
 (54) CROSS ARM ASSEMBLY
 (51) Int. Cl.
E04H 12/24 (2006.01)
H02G 7/20 (2006.01)
- (43) 20.04.2023
 (62) 2019390461
 (72) MA, Bin; XU, Kang; LIU, Chao; YU, Jie; HUANG, Qing
 (74) James & Wells Intellectual Property
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- (71) Johnson & Johnson Consumer Inc.
 (11) AU-A-2022241566
 (21) 2022241566 (22) 29.09.2022
 (54) Method of quantifying product impact on human microbiome
 (51) Int. Cl.
C12Q 1/689 (2018.01)
C12Q 1/06 (2006.01)
C12Q 1/6869 (2018.01)
G16B 40/00 (2019.01)
G16H 50/00 (2018.01)
- (31) 17/948,837 (32) 20.09.22 (33) US
 63/252,818 06.10.21 US
 63/340,634 11.05.22 US
- (43) 20.04.2023
 (72) MIN, Kyungrok; FOURRE, Tara
 (74) Spruson & Ferguson
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- (71) JONES, P.
 (11) AU-A-2023201308
 (21) 2023201308 (22) 02.03.2023
 (54) INCONTINENCE AID
 (51) Int. Cl.
A61F 13/472 (2006.01)
- (43) 20.04.2023
 (62) 2017228555
 (72) JONES, Pauline
 (74) Baxter Patent Attorneys Pty Ltd
-
- (71) JST Performance, LLC
 (11) AU-A-2023201699
 (21) 2023201699 (22) 20.03.2023
 (54) Method and apparatus for vehicular light fixtures
 (51) Int. Cl.
B60K 35/00 (2006.01)
B60K 37/06 (2006.01)
B60Q 1/00 (2006.01)
B60R 16/02 (2006.01)
G06F 3/041 (2006.01)
G06F 3/048 (2013.01)
- (43) 20.04.2023
 (62) 2017269239
 (72) Madril, Edgar A.; Sibitzky, Pete D.; Lamarche, Bradley J.; Lokken, Eric G.; Boucher, Adam P.
 (74) LAMINAR IP PTY LTD
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- (71) KeychainX AG
 (11) AU-A-2023201756
 (21) 2023201756 (22) 21.03.2023
 (54) Biometric digital signature generation for identity verification
 (51) Int. Cl.
G06F 21/00 (2013.01)
G06F 21/32 (2013.01)
- (43) 20.04.2023
 (62) 2019439427
 (72) Cohen, Joel; Rhodin, Bartlomiej Robert
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Kite Pharma, Inc.
 (11) AU-A-2023201367
 (21) 2023201367 (22) 06.03.2023
 (54) Chimeric receptor T cell treatment using characteristics of the tumor microenvironment
 (51) Int. Cl.
C07K 14/725 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
C12Q 1/6886 (2018.01)
G01N 33/569 (2006.01)
- (43) 20.04.2023
 (62) 2019252944
 (72) Rossi, John M.; Bot, Adrian
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Lummus Technology Inc.
 (11) AU-A-2023201358
 (21) 2023201358 (22) 04.03.2023
 (54) HEAT EXCHANGER CLOSURE ASSEMBLIES AND METHODS OF USING AND INSTALLING THE SAME
 (51) Int. Cl.
F28F 9/02 (2006.01)
F16J 15/02 (2006.01)
F28D 7/16 (2006.01)
F28F 27/00 (2006.01)
- (43) 20.04.2023
 (62) 2019239983
 (72) JIBB, Richard; JAYE, Trevor; BOEKHOUDER, Henk; GROPPI, Robert; BRIGNONE, Vincenzo Marco; EBERLY, Randy; CREECH, David; MEACHAM, Elizabeth
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Magellan Home-Goods, Ltd.
 (11) AU-A-2021240308
 (21) 2021240308 (22) 01.10.2021
 (54) STEAM ENHANCED ROASTER
 (51) Int. Cl.
A47J 36/20 (2006.01)
A47J 27/04 (2006.01)
A47J 43/18 (2006.01)
- (43) 20.04.2023
 (72) Cloutier, Andre Dean; Sasken-Duff, Debra Lynne
 (74) Phillips Ormonde Fitzpatrick
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- (71) Metalvix Engenharia e Consultoria Ltda
 (11) AU-A-2022241622
 (21) 2022241622 (22) 30.09.2022
 (54) Windbreak supporting tower for reducing the speed of natural wind on open-air ore stacks, articulation structure used in a windbreak supporting tower, and, vertical tensile structural element
- (51) Int. Cl.
E04H 12/10 (2006.01)
E02D 27/42 (2006.01)
E04H 12/16 (2006.01)
E04H 12/20 (2006.01)
- (31) 102021019929-6 (32) 04.10.21 (33) BR
 (43) 20.04.2023
 (72) BRANDÃO, José Emílio; PINTO MONTENEGRO, Carlos Alberto
 (74) Spruson & Ferguson
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- (71) National University of Ireland Galway
 (11) AU-A-2023201779
 (21) 2023201779 (22) 22.03.2023
 (54) Devices for therapeutic nasal neuromodulation and associated methods and system
 (51) Int. Cl.
A61B 18/00 (2006.01)
A61B 18/02 (2006.01)
A61B 18/04 (2006.01)
A61B 18/18 (2006.01)
A61N 1/05 (2006.01)
A61N 1/18 (2006.01)
A61N 1/32 (2006.01)
A61N 1/36 (2006.01)
- (43) 20.04.2023
 (62) 2021200322
 (72) TOWNLEY, David; SHIELDS, Brian; KEOGH, Ivan; QI ZHAN, Michele; FARREL, Conor
 (74) FB Rice Pty Ltd
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- (71) Nevados Engineering, Inc.
 (11) AU-A-2023201765
 (21) 2023201765 (22) 21.03.2023
 (54) Articulating joint solar panel array
 (51) Int. Cl.
H02S 20/30 (2014.01)
H01L 31/042 (2014.01)
H01L 31/05 (2014.01)
H02S 30/00 (2014.01)
- (43) 20.04.2023
 (62) 2021232779
 (72) Taha, Yezin; Xiao, Norman
 (74) FB Rice Pty Ltd
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- (71) Nokia Technologies Oy
 (11) AU-A-2023201713
 (21) 2023201713 (22) 20.03.2023
 (54) Systems and method for security protection of NAS messages
 (51) Int. Cl.
H04W 12/08 (2021.01)
H04W 60/00 (2009.01)
- (43) 20.04.2023
 (62) 2019348793
 (72) LIU, Jennifer
 (74) Spruson & Ferguson
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- (71) Novocure GmbH
 (11) AU-A-2023201611
 (21) 2023201611 (22) 15.03.2023
 (54) ENHANCED-FLEXIBILITY TRANSDUCER ARRAYS FOR DELIVERING TTFIELDS (TUMOR TREATING FIELDS)

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- (51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/00 (2006.01)
A61N 1/04 (2006.01)
- (43) 20.04.2023
(62) 2019389903
(72) KIRSON, Eilon; WASSERMAN, Yoram; HALAVEE, Noa
(74) AJ PARK
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- (71) Panasonic Intellectual Property Corporation of America
(11) AU-A-2023201643
(21) 2023201643 (22) 15.03.2023
(54) ENCODER, DECODER, ENCODING METHOD, AND DECODING METHOD CROSS REFERENCE TO RELATED APPLICATIONS
- (51) Int. Cl.
H04N 19/52 (2014.01)
- (43) 20.04.2023
(62) 2019303651
(72) LI, Jing Ya; LIM, Chong Soon; SHASHIDHAR, Sugshosh Pavan; LIAO, Ru Ling; SUN, Hai Wei; TEO, Han Boon; ABE, Kiyofumi; TOMA, Tadama; NISHI, Takahiro
(74) Griffith Hack
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- (71) Paradigm BioPharmaceuticals Ltd
(11) AU-A-2023201746
(21) 2023201746 (22) 21.03.2023
(54) Treatment of acute respiratory disease syndrome (ARDS) with polysulfated polysaccharides
- (51) Int. Cl.
A61K 31/737 (2006.01)
A61P 11/00 (2006.01)
A61P 31/14 (2006.01)
- (43) 20.04.2023
(62) 2021252435
(72) RENNIE, Paul; KRISHNAN, Ravi
(74) FB Rice Pty Ltd
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- PIONEER HI-BRED INTERNATIONAL, INC. see E. I. DU PONT DE NEMOURS AND COMPANY**
(21) 2023201788
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- (71) Plae Co.
(11) AU-A-2023201744
(21) 2023201744 (22) 21.03.2023
(54) Interchangeable strap closure system for footwear
- (51) Int. Cl.
A43C 11/00 (2006.01)
- (43) 20.04.2023
(62) 2020277163
(72) RINGHOLZ, Ryan
(74) Spruson & Ferguson
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- (71) Polaris IP Pty Ltd
(11) AU-A-2023201764
(21) 2023201764 (22) 21.03.2023
(54) Hinge
(51) Int. Cl.
- E05D 11/10** (2006.01)
E05D 7/086 (2006.01)
- (43) 20.04.2023
(62) 2021201278
(72) STUART, Michael Christopher
(74) GLMR
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- (71) Q.E.D. Environmental Systems, Inc.
(11) AU-A-2022241585
(21) 2022241585 (22) 30.09.2022
(54) Soil sampler
- (51) Int. Cl.
G01N 1/14 (2006.01)
G01N 1/02 (2006.01)
G01N 1/08 (2006.01)
- (31) 63/251,561 (32) 01.10.21 (33) US
(43) 20.04.2023
(72) WEINBERGER, Mark T.; KAMINSKI, David B.; HAYES, Daniel O.; ANSTADT, Hunter C.
(74) Spruson & Ferguson
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- Roberts, S.J. see Cognate 3 LLC**
(21) 2023201743
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- (71) SAP SE
(11) AU-A-2022218627
(21) 2022218627 (22) 19.08.2022
(54) ISSUE DETECTION SYSTEM
- (51) Int. Cl.
G06Q 10/10 (2012.01)
G06F 11/30 (2006.01)
G06Q 50/10 (2012.01)
- (31) 17/491,807 (32) 01.10.21 (33) US
(43) 20.04.2023
(72) EBERLEIN, Peter; DRIESEN, Volker
(74) Griffith Hack
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- (71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2022241592
(21) 2022241592 (22) 30.09.2022
(54) Tomato hybrid SVTM9027 and parents thereof
- (51) Int. Cl.
A01H 6/82 (2018.01)
A01H 5/08 (2018.01)
- (31) 17/494,602 (32) 05.10.21 (33) US
(43) 20.04.2023
(72) KRAMER, Chad
(74) Davies Collison Cave Pty Ltd
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- (71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2022241599
(21) 2022241599 (22) 30.09.2022
(54) Tomato hybrid SVTM9028 and parents thereof
- (51) Int. Cl.
A01H 6/82 (2018.01)
A01H 5/08 (2018.01)
- (31) 17/494,613 (32) 05.10.21 (33) US
(43) 20.04.2023
(72) KRAMER, Chad
(74) Davies Collison Cave Pty Ltd
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- (71) Seminis Vegetable Seeds, Inc.
(11) AU-A-2022241610
(21) 2022241610 (22) 30.09.2022
(54) Tomato hybrid SVTM9030 and parents thereof
- (51) Int. Cl.
A01H 6/82 (2018.01)
A01H 5/08 (2018.01)
- (31) 17/494,623 (32) 05.10.21 (33) US
(43) 20.04.2023
(72) KRAMER, Chad
(74) Davies Collison Cave Pty Ltd
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- Sharp Kabushiki Kaisha see FG Innovation Company Limited**
(21) 2023201754
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- (71) Simple Strap LLC.
(11) AU-A-2023201717
(21) 2023201717 (22) 20.03.2023
(54) Securing device
- (51) Int. Cl.
A63B 21/00 (2006.01)
A61L 15/00 (2006.01)
A61L 15/50 (2006.01)
A61L 15/58 (2006.01)
A63B 21/02 (2006.01)
B29C 71/00 (2006.01)
- (43) 20.04.2023
(62) 2019380235
(72) Everest, Jonathan F.; Smith, Cameron; Komer, Benjamin
(74) FPA Patent Attorneys Pty Ltd
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- (71) Société des Produits Nestlé S.A.
(11) AU-A-2023201716
(21) 2023201716 (22) 20.03.2023
(54) Compositions and methods for improving hydration of individuals having dysphagia
- (51) Int. Cl.
A61K 31/16 (2006.01)
A23L 2/39 (2006.01)
A23L 2/68 (2006.01)
A61K 31/19 (2006.01)
A61P 11/00 (2006.01)
- (43) 20.04.2023
(62) 2017272808
(72) Labbe, David Philippe; Swanson, Julie Ann; Burbidge, Adam
(74) Spruson & Ferguson
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- (71) STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
(11) AU-A-2023201720
(21) 2023201720 (22) 20.03.2023
(54) Surgical sagittal blade cartridge with a reinforced guide bar
- (51) Int. Cl.
A61B 17/14 (2006.01)
B27B 19/00 (2006.01)
- (43) 20.04.2023
(62) 2020227103
(72) Mac An Tuile, Conor; Walen, James G.
(74) Davies Collison Cave Pty Ltd

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 (21) 2021240320 (22) 04.10.2021
 (54) BUBBLE GENERATING DEVICE
 (51) Int. Cl.
 B01F 23/232 (2022.01)
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 B01F 25/312 (2022.01)
 B01F 25/313 (2022.01)
 (43) 20.04.2023
 (72) Su, Wen-Tsu
 (74) AJ PARK

(71) Syed, R.; Allikian, K.; Gao, Y.
 (11) AU-A-2023201749
 (21) 2023201749 (22) 21.03.2023
 (54) ISOLATING INTRACELLULAR POLY-SACCHARIDES FROM FUNGI
 (51) Int. Cl.
 C12P 19/04 (2006.01)
 A01G 18/00 (2018.01)
 A61K 36/06 (2006.01)
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 (43) 20.04.2023
 (62) 2021338585
 (72) SYED, Rashad Ahmed; ALLIKIAN, Kat; GAO, Yihuai
 (74) Dentons Patent Attorneys Australasia Limited

(71) Syngenta Participations AG
 (11) AU-A-2023201444
 (21) 2023201444 (22) 08.03.2023
 (54) Pesticidally active thiophene derivatives
 (51) Int. Cl.
 C07D 409/04 (2006.01)
 A01N 53/00 (2006.01)
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 (72) GRIBKOV, Denis; EL QACEMI, Myriem; STOLLER, André; JEANGUENAT, André; BIGOT, Aurelien
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023201732
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 (54) Treatment of pain
 (51) Int. Cl.
 A61K 31/5025 (2006.01)
 A61K 31/166 (2006.01)
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 A61P 25/00 (2006.01)
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 (72) Bunnnett, Nigel
 (74) Davies Collison Cave Pty Ltd

(71) Taylor Commercial Foodservice, LLC
 (11) AU-A-2023201792
 (21) 2023201792 (22) 22.03.2023
 (54) Grill system and method for detecting movement when motor is "off"
 (51) Int. Cl.
 A47J 37/06 (2006.01)

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 (72) KELLY, Daniel L
 (74) FB Rice Pty Ltd

(71) Tencent America LLC
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 (21) 2023201737 (22) 21.03.2023
 (54) METHOD AND APPARATUS FOR VIDEO CODING
 (51) Int. Cl.
 H04N 19/543 (2014.01)

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 (51) Int. Cl.
 A61K 35/17 (2015.01)
 A61K 39/245 (2006.01)
 A61P 31/12 (2006.01)
 A61P 31/22 (2006.01)
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 C07K 14/045 (2006.01)
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 (72) Khanna, Rajiv; Smith, Corey
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 (54) Vessel Treatment Systems, Methods, And Kits
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 (74) Adams Pluck

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 (54) METHODS AND SYSTEMS FOR CYLINDER DIAGNOSIS
 (51) Int. Cl.
 F02D 41/22 (2006.01)
 B60W 20/50 (2016.01)

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 (51) Int. Cl.
 F16H 57/04 (2010.01)
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 (54) METHODS AND SYSTEMS FOR DIAGNOSING ENGINE CYLINDERS
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 F02D 41/22 (2006.01)

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 (54) SYSTEM AND METHOD FOR VEHICLE-BASED LOCALIZING OF OFFBOARD FEATURES
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G06V 20/58 (2022.01)
G01C 21/34 (2006.01)
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 (54) REAR AXLE MOVEMENT DEVICE FOR TRUCK WITH LOWERABLE BED

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(54) Method, apparatus and system for parking overstay detection
- (51) Int. Cl.
G08G 1/14 (2006.01)
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(72) Welch, Fraser John
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(54) GEL COMPOSITIONS FOR TRANSDERMAL DELIVERY TO MAXIMIZE DRUG CONCENTRATIONS IN THE STRATUM CORNEUM AND SERUM AND METHODS OF USE THEREOF
- (51) Int. Cl.
A61K 9/06 (2006.01)
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(72) Bologna, William; Larsen, Finn
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(54) Antibody molecules to APRIL and uses thereof
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(54) METHOD FOR GUARANTEEING DATA TRANSMISSION AND COMMUNICATIONS DEVICE
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(54) A PROCESS AND SYSTEM FOR PRODUCING HYDROGEN
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F17D 1/07 (2006.01)
- (43) 20.04.2023
(72) Banner, Tim
(74) WRAYS PTY LTD
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- (71) Xero Limited
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(54) Systems and methods of mobile banking reconciliation
- (51) Int. Cl.
G06Q 40/02 (2023.01)
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(72) ABERNETHY, Brock Stephen
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(11) AU-A-2021245138
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(54) ANIMAL FAT PRODUCT AND METHOD OF MANUFACTURE
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C11B 1/12 (2006.01)
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A23D 9/04 (2006.01)
A23J 1/02 (2006.01)
- (43) 20.04.2023
(72) PHILPOTT, Ted; PHILPOTT, Lynne
(74) Franke Hyland Pty Ltd
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- (71) zheng, m.
(11) AU-A-2021240331
(21) 2021240331 (22) 04.10.2021
(54) remote foot shape treatment
- (51) Int. Cl.
A43B 9/12 (2006.01)
A43B 13/28 (2006.01)
A43B 13/38 (2006.01)
A47K 11/06 (2006.01)
A43B 3/10 (2006.01)
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(11) AU-A-2023201694
- (21) 2023201694 (22) 20.03.2023
(54) Method of modifying macrophage differentiation and immunity
- (51) Int. Cl.
C12N 5/0786 (2010.01)
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(72) Zhu, Zhenglun
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 (21) 2023100030 (22) 30.03.2023
 (54) Aerator valve assembly
 (51) Int. Cl.
 B65D 88/70 (2006.01)
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 (45) 20.04.2023
 (62) 2018273326
 (72) Tiffany, Henry D.; Rose, Paul S.; Hall,
 Aaron G.; Smith, Daniel S.
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Downpipe vertical garden
 (51) Int. Cl.
 A01G 9/02 (2018.01)
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2023100028 Endersby, M.
2023100030 Control Concepts, Inc.

IPC Index

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PCT applications which have entered the National Phase

Name Index

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

<p>(71) 64-X, INC. (11) AU-A-2021338299 (21) 2021338299 (22) 01.09.2021 (54) Mammalian cells and methods for engineering the same (51) Int. Cl. C12N 15/10 (2006.01) C12N 15/861 (2006.01) C12N 15/90 (2006.01) (87) WO2022/051418 (31) 63/073,365 (32) 01.09.20 (33) US 63/111,238 09.11.20 US (43) 10.03.2022 (72) ROVNER, Alexis; CHAKRABARTI, Gaurab; THOMPSON, David; SIECZKIEWICZ, Gregory; HICKS, McKenna; BELLUCCI, Joseph (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) A2 Biotherapeutics, Inc. (11) AU-A-2021328478 (21) 2021328478 (22) 19.08.2021 (54) Compositions and methods for treating egfr positive cancers (51) Int. Cl. C07K 14/705 (2006.01) A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01) C12N 5/10 (2006.01) (87) WO2022/040444 (31) 63/068,249 (32) 20.08.20 (33) US 63/105,639 26.10.20 US 63/230,632 06.08.21 US (43) 24.02.2022 (72) OH, Julyun; XU, Han; KAMB, Carl Alexander (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) A2 Biotherapeutics, Inc. (11) AU-A-2021329371 (21) 2021329371 (22) 19.08.2021 (54) Compositions and methods for treating mesothelin positive cancers (51) Int. Cl. A61K 35/17 (2015.01) A61P 35/00 (2006.01) C07K 14/74 (2006.01) (87) WO2022/040454 (31) 63/068,245 (32) 20.08.20 (33) US 63/085,971 30.09.20 US (43) 24.02.2022 (72) KAMB, Carl Alexander; WARSHAVIAK, Dora Toledo; TOKATLIAN, Talar; HAMBURGER, Agnes (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) A2 Biotherapeutics, Inc. (11) AU-A-2021329375 (21) 2021329375 (22) 19.08.2021 (54) Compositions and methods for treating ceacam positive cancers (51) Int. Cl. G01N 33/68 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/28 (2006.01) C07K 16/42 (2006.01) (87) WO2022/040470 (31) 63/068,244 (32) 20.08.20 (33) US (43) 24.02.2022 (72) WANG, Xueyin; KAMB, Carl Alexander; XU, Han; SANDBERG, Mark L.; WARSHAVIAK, Dora Toledo (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) ACCENTURE GLOBAL SOLUTIONS LIMITED (11) AU-A-2021346779 (21) 2021346779 (22) 10.09.2021 (54) SYSTEMS AND METHODS FOR TRIAGING SOFTWARE VULNERABILITIES (51) Int. Cl. G06F 21/57 (2013.01) (87) WO2022/063612 (31) 17/035,375 (32) 28.09.20 (33) US (43) 31.03.2022 (72) TARRANT, Finbarr; SRIDHAR, Gopal Kavanadala; KIM, Jee Hyub; SHARMA, Navdeep; MULROONEY, Eanna; PLOTNIKOV, Anton; KOHOUT, Karel; LACROIX, Mário Lauande; LEVINE, Richard; OBANDO, Johnny (74) Murray Trento & Associates Pty Ltd</p> <hr/> <p>(71) ACCESS TO ADVANCED HEALTH INSTITUTE (11) AU-A-2021335334 (21) 2021335334 (22) 04.07.2021 (54) GENETICALLY-ADJUVANTED RNA VACCINES (51) Int. Cl. A61K 39/12 (2006.01) A61K 39/39 (2006.01) (87) WO2022/051024 (31) 63/075,014 (32) 04.09.20 (33) US (43) 10.03.2022 (72) VOIGT, Emily (74) AJ PARK</p> <hr/> <p>(71) ACCESS TO ADVANCED HEALTH INSTITUTE (11) AU-A-2021336217 (21) 2021336217 (22) 04.07.2021 (54) LIVE-ATTENUATED RNA HYBRID VACCINE TECHNOLOGY (51) Int. Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01)</p>	<p>A61P 31/14 (2006.01) (87) WO2022/051023 (31) 63/075,053 (32) 04.09.20 (33) US (43) 10.03.2022 (72) VOIGT, Emily; VAN HOEVEN, Neal (74) AJ PARK</p> <hr/> <p>(71) Acucela Inc. (11) AU-A-2021338916 (21) 2021338916 (22) 01.09.2021 (54) Artificial intelligence for evaluation of optical coherence tomography images (51) Int. Cl. G06T 7/00 (2017.01) (87) WO2022/056515 (31) 62/706,800 (32) 11.09.20 (33) US 17/444,806 10.08.21 US (43) 17.03.2022 (72) WYDER, Stephan; PFISTER, Matthias; STOLLER, Cyril; BUSCEMI, Philip M. (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) AdvanSix Resins & Chemicals LLC (11) AU-A-2021329364 (21) 2021329364 (22) 19.08.2021 (54) Compositions and articles comprising blends including branched polyamide (51) Int. Cl. C08L 77/02 (2006.01) C08G 69/14 (2006.01) C08G 69/34 (2006.01) C08G 69/36 (2006.01) C08L 23/06 (2006.01) (87) WO2022/040426 (31) 63/068,254 (32) 20.08.20 (33) US (43) 24.02.2022 (72) NELLIAPPAN, Veera; LOY, David J.; TALEBI, Farzaneh; PORTER, Simon J.; SCHOEB, Ann M. (74) Davies Collison Cave Pty Ltd</p> <hr/> <p>(71) Agriculture Victoria Services Pty Ltd (11) AU-A-2021329334 (21) 2021329334 (22) 06.08.2021 (54) System and method for image-based remote sensing of crop plants (51) Int. Cl. G06F 18/00 (2023.01) A01B 79/00 (2006.01) G06F 30/27 (2020.01) G06Q 50/02 (2012.01) G06T 7/62 (2017.01) (87) WO2022/032329 (31) 2020902903 (32) 14.08.20 (33) AU (43) 17.02.2022 (72) SPANGENBERG, German Carlos; BANERJEE, Bikram Pratap; KOH, Joshua Chee Oon; KANT, Surya (74) Davies Collison Cave Pty Ltd</p>
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(71) AIRBUS DEFENCE AND SPACE SAS;
COMAT
(11) AU-A-2021337809
(21) 2021337809 (22) 23.08.2021
(54) TELESCOPIC SPACE MAST
(51) Int. Cl.
B64G 1/22 (2006.01)
B64G 1/44 (2006.01)
E04H 12/18 (2006.01)
H02S 30/20 (2014.01)
(87) WO2022/049332
(31) 2009001 (32) 04.09.20 (33) FR
(43) 10.03.2022
(72) PUPILLE, Gilles; MORAINÉ, Adrien;
PIRES, Victor
(74) Griffith Hack

(71) Akzo Nobel Coatings International B.V.
(11) AU-A-2021351874
(21) 2021351874 (22) 29.09.2021
(54) Estimating biofilm biomass on objects
in an aquatic environment
(51) Int. Cl.
G01N 21/88 (2006.01)
G01N 17/00 (2006.01)
G01N 21/94 (2006.01)
(87) WO2022/069505
(31) 63/086,852 (32) 02.10.20 (33) US
20210887.4 01.12.20 EP
(43) 07.04.2022
(72) LONGYEAR, Jennifer Elise; STOOD-
LEY, Paul
(74) Spruson & Ferguson

(71) Aldevron, L.L.C.
(11) AU-A-2021342165
(21) 2021342165 (22) 10.09.2021
(54) Muscle-specific hybrid promoter
(51) Int. Cl.
C12N 15/86 (2006.01)
(87) WO2022/056291
(31) 63/077,339 (32) 11.09.20 (33) US
(43) 17.03.2022
(72) WILLIAMS, James A.
(74) Spruson & Ferguson

(71) ALL SKIN INC
(11) AU-A-2021327094
(21) 2021327094 (22) 03.08.2021
(54) METHOD AND SYSTEM FOR DE-
TECTING SKIN CONTACT REAC-
TIONS AND MAKING ASSOCIATED
SAFE PRODUCT RECOMMENDA-
TIONS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 10/00 (2006.01)
G16H 30/40 (2018.01)
(87) WO2022/036437
(31) 63/067,256 (32) 18.08.20 (33) US
(43) 24.02.2022
(72) LEWINSON, Ryan T.; VALLERAND,
Isabelle A.; HUGHES, John-Douglas
Matthew
(74) IP GATEWAY PATENT & TRADE
MARK ATTORNEYS PTY LTD

(71) ALTR FL TR Inc.
(11) AU-A-2021325852
(21) 2021325852 (22) 06.08.2021
(54) Separation of alcohol using a mem-
brane
(51) Int. Cl.
B01D 61/36 (2006.01)
B01D 1/28 (2006.01)
B01D 3/00 (2006.01)
(87) WO2022/035705
(31) 63/063,861 (32) 10.08.20 (33) US
(43) 17.02.2022
(72) SCHATZBERGER, Richard; BOC-
QUET, Lyderic; SIRIA, Alessandro;
ORR, Kathryn Maurine; CARVAJAL,
Javier Perez
(74) WRAYS PTY LTD

(71) Ambergen, Inc.
(11) AU-A-2021372349
(21) 2021372349 (22) 11.08.2021
(54) Novel photocleavable mass-tags for
multiplexed mass spectrometric ima-
ging of tissues using biomolecular
probes
(51) Int. Cl.
G01N 27/62 (2021.01)
G01N 33/68 (2006.01)
(87) WO2022/093357
(31) 63/106,990 (32) 29.10.20 (33) US
(43) 05.05.2022
(72) LIM, Marl, J.; YAGNIK, Gargey; ROTH-
SCHILD, Kenneth, J.
(74) FPA Patent Attorneys Pty Ltd

(71) Amgen Inc.
(11) AU-A-2021373586
(21) 2021373586 (22) 01.11.2021
(54) Drug delivery device assembly and ac-
cessory for drug delivery device
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/31 (2006.01)
(87) WO2022/098594
(31) 63/109,607 (32) 04.11.20 (33) US
(43) 12.05.2022
(72) BECH, Carsten; PEDERSEN, Jakob
Halkjaer; DUDMAN, Joshua Jay; VER-
SCHUREN, Adrianus Gerardus; DAN,
Chiushun
(74) Spruson & Ferguson

(71) Amgen Inc.
(11) AU-A-2021374583
(21) 2021374583 (22) 01.11.2021
(54) Drug delivery device assembly and ac-
cessory for drug delivery device
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/31 (2006.01)
A61M 5/42 (2006.01)
(87) WO2022/098593
(31) 63/109,603 (32) 04.11.20 (33) US
(43) 12.05.2022
(72) BECH, Carsten; PEDERSEN, Jakob
Halkjaer; DUDMAN, Joshua Jay; VER-

SCHUREN, Adrianus Gerardus; DAN,
Chiushun
(74) Spruson & Ferguson

(71) Amgen Inc.
(11) AU-A-2021376106
(21) 2021376106 (22) 01.11.2021
(54) Drug delivery device assembly and ac-
cessory for drug delivery device
(51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/32 (2006.01)
(87) WO2022/098592
(31) 63/109,632 (32) 04.11.20 (33) US
63/142,056 27.01.21 US
(43) 12.05.2022
(72) PEDERSEN, Jakob Halkjaer; DUD-
MAN, Joshua Jay
(74) Spruson & Ferguson

(71) AMGEN INC.
(11) AU-A-2021357815
(21) 2021357815 (22) 06.10.2021
(54) PROCESS FOR RACEMIZING
AND ISOLATING ATROPISOMERS
OF 7-CHLORO-6-FLUORO-1-
(2-ISOPROPYL-4-METHYL-
PYRIDIN-3-YL)PYRIDO[2,3-
D]PYRIMIDINE-2,4-(1H,3H)-DIONE
(51) Int. Cl.
C07D 471/04 (2006.01)
(87) WO2022/076623
(31) 63/088,848 (32) 07.10.20 (33) US
63/162,278 17.03.21 US
(43) 14.04.2022
(72) BEAVER, Matthew G.; CORBETT,
Michael T.; FANG, Yuanqing; FORD,
David D.; PARSONS, Andrew T.; ST-
PIERRE, Gabrielle; TELMESANI, Reem
(74) Spruson & Ferguson

(71) ASSA ABLOY INC.
(11) AU-A-2021343369
(21) 2021343369 (22) 14.09.2021
(54) MAGNETIC SENSOR FOR LOCK PO-
SITION
(51) Int. Cl.
E05B 47/00 (2006.01)
(87) WO2022/060704
(31) 63/079,864 (32) 17.09.20 (33) US
(43) 24.03.2022
(72) PETTY, Shannon; TREGGER, Aaron
(74) Pizzzeys Patent and Trade Mark Attor-
neys Pty Ltd

(71) ASSA ABLOY INC.
(11) AU-A-2021343401
(21) 2021343401 (22) 14.09.2021
(54) CLUTCH FOR DOOR LOCK
(51) Int. Cl.
E05B 47/00 (2006.01)
(87) WO2022/060708
(31) 63/079,974 (32) 17.09.20 (33) US
(43) 24.03.2022
(72) PETTY, Shannon; TREGGER, Aaron
(74) Pizzzeys Patent and Trade Mark Attor-
neys Pty Ltd

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

(71) Atea Pharmaceuticals, Inc.
 (11) AU-A-2021327241
 (21) 2021327241 (22) 19.08.2021
 (54) Stereoselective manufacture of selected purine phosphoramidates
 (51) Int. Cl.
C07F 9/6574 (2006.01)
C07H 19/10 (2006.01)
C07H 19/14 (2006.01)
 (87) WO2022/040473
 (31) 63/074,302 (32) 03.09.20 (33) US
 63/067,726 19.08.20 US
 63/094,759 21.10.20 US
 63/129,306 22.12.20 US
 (43) 24.02.2022
 (72) MOUSSA, Adel; CHAUDHURI, Narayan
 (74) Davies Collison Cave Pty Ltd

(71) Aulton New Energy Automotive Technology Group; Shanghai Dianba New Energy Technology Co., Ltd.
 (11) AU-A-2021324211
 (21) 2021324211 (22) 09.08.2021
 (54) Locking mechanism, battery bracket, electric vehicle, and method for locking and unlocking battery pack
 (51) Int. Cl.
B60K 1/04 (2019.01)
B60K 1/00 (2006.01)
B60K 1/02 (2006.01)
 (87) WO2022/033411
 (31) 202010794648.6 (32) 10.08.20 (33) CN
 (43) 17.02.2022
 (72) ZHANG, Jianping; HUANG, Chunhua
 (74) FB Rice Pty Ltd

(71) Access Global Sciences, LLC
 (11) AU-A-2021327408
 (21) 2021327408 (22) 14.09.2021
 (54) Beta-hydroxybutyric acid compositions and methods for oral delivery of ketone bodies
 (51) Int. Cl.
C07C 59/01 (2006.01)
A61K 31/19 (2006.01)
A61P 3/02 (2006.01)
C12P 7/42 (2006.01)
 (87) WO2022/040644
 (31) 16/996,509 (32) 18.08.20 (33) US
 17/210,646 24.03.21 US
 (43) 24.02.2022
 (72) MILLET, Gary
 (74) Davies Collison Cave Pty Ltd

(71) BASF SE
 (11) AU-A-2021323965
 (21) 2021323965 (22) 27.07.2021
 (54) Frothing agent for flotation of ores
 (51) Int. Cl.
B03D 1/004 (2006.01)
B03D 1/008 (2006.01)
 (87) WO2022/033868
 (31) 20190647.6 (32) 12.08.20 (33) EP

(43) 17.02.2022
 (72) STEWART, Graeme Levi; MICHAILOVSKI, Alexej; ZUK, Yoav
 (74) Davies Collison Cave Pty Ltd

(71) BASF SE
 (11) AU-A-2021346219
 (21) 2021346219 (22) 17.09.2021
 (54) Computer-implemented method for providing at least one migration risk index
 (51) Int. Cl.
A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
A01M 7/00 (2006.01)
 (87) WO2022/058535
 (31) 20196649.6 (32) 17.09.20 (33) EP
 (43) 24.03.2022
 (72) HAERING, Tim; MERTENS, Dietrich
 (74) Griffith Hack

(71) Bausch + Lomb Ireland Limited
 (11) AU-A-2021325693
 (21) 2021325693 (22) 09.08.2021
 (54) Packaging solutions
 (51) Int. Cl.
G02B 1/04 (2006.01)
 (87) WO2022/034010
 (31) 63/063,715 (32) 10.08.20 (33) US
 (43) 17.02.2022
 (72) BARNIAK, Vicki; SCHEUER, Catherine; JULIAN, Ruth; REINDEL, William T.; XIA, Erming
 (74) Spruson & Ferguson

(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
 (11) AU-A-2021347822
 (21) 2021347822 (22) 22.09.2021
 (54) CHRONIC KIDNEY DISEASE (CKD) MACHINE LEARNING PREDICTION SYSTEM, METHODS, AND APPARATUS
 (51) Int. Cl.
G16H 20/40 (2018.01)
A61B 5/00 (2006.01)
G06N 20/20 (2019.01)
G16H 50/20 (2018.01)
 (87) WO2022/066698
 (31) 63/082,017 (32) 23.09.20 (33) US
 (43) 31.03.2022
 (72) NOSHAY, Eric David; DANIELE, AnnaLisa; FLOREZ, Angela Sofia Rivera; CHEN, Yukun; SEEBER, Michael
 (74) K&L Gates

(71) Bayer Aktiengesellschaft
 (11) AU-A-2021343277
 (21) 2021343277 (22) 17.09.2021
 (54) Pyrethroid in-can adjuvanted suspension concentrates
 (51) Int. Cl.
A01N 53/00 (2006.01)
A01N 57/12 (2006.01)
A01P 7/00 (2006.01)
 (87) WO2022/058506
 (31) 20197058.9 (32) 18.09.20 (33) EP

(43) 24.03.2022
 (72) PERIS URQUIJO, Gorka; KARLE, Manuel; MALSAM, Olga; COMPANYS GARCIA, Veronica; MARMUGI, Alice
 (74) Davies Collison Cave Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2021324886
 (21) 2021324886 (22) 13.08.2021
 (54) Vascular catheter with an obturator
 (51) Int. Cl.
A61M 25/00 (2006.01)
A61M 25/01 (2006.01)
A61M 25/09 (2006.01)
 (87) WO2022/036168
 (31) 63/065,773 (32) 14.08.20 (33) US
 (43) 17.02.2022
 (72) ISAACSON, S. Ray; BURKHOLZ, Jonathan Karl; SCHERICH, Megan; BLANCHARD, Curtis H.; LACKEY, John; HOPWOOD, Benjamin
 (74) FB Rice Pty Ltd

(71) BECTON, DICKINSON AND COMPANY
 (11) AU-A-2021333571
 (21) 2021333571 (22) 23.08.2021
 (54) DRUG TRANSFER ADAPTER
 (51) Int. Cl.
A61J 1/20 (2006.01)
A61J 1/14 (2023.01)
A61M 5/31 (2006.01)
 (87) WO2022/046632
 (31) 17/002,299 (32) 25.08.20 (33) US
 (43) 03.03.2022
 (72) LEE, Frank
 (74) FB Rice Pty Ltd

(71) BIOHENG THERAPEUTICS LIMITED
 (11) AU-A-2021338819
 (21) 2021338819 (22) 09.09.2021
 (54) Chimeric antigen receptor comprising novel co-stimulatory domain and use thereof
 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 35/17 (2015.01)
C12N 5/10 (2006.01)
C12N 15/62 (2006.01)
 (87) WO2022/052981
 (31) 202010947407.0 (32) 10.09.20 (33) CN
 (43) 17.03.2022
 (72) ZHOU, Yali; CHEN, Gong; JIANG, Xiaoyan; REN, Jiangtao; HE, Xiaohong; WANG, Yanbin; HAN, Lu
 (74) James & Wells Intellectual Property

(71) Biond Biologics Ltd.
 (11) AU-A-2021325430
 (21) 2021325430 (22) 11.08.2021
 (54) Antibodies against ILT2 and use thereof
 (51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
 (87) WO2022/034524
 (31) 63/145,604 (32) 04.02.21 (33) US

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PCT/ 12.08.20 IL SIMMONS, Keenan
IL2020/050889
(43) 17.02.2022
(72) MANDEL, Ilana; PERETZ, Tsurii;
HAVES ZIV, Dana; GOLDSHTEIN,
Ilana; ALISHEKEVITZ, Dror; FRID-
MAN-DROR, Anna; HAKIM, Motti;
SHULMAN, Avidor; SAPIR, Yair; BEN-
MOSHE, Tehila
(74) Griffith Hack
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- (71) BioNTech US Inc.
(11) AU-A-2021325082
(21) 2021325082 (22) 12.08.2021
(54) RAS neoantigens and uses thereof
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 38/17 (2006.01)
C07K 14/47 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2022/036142
(31) 63/065,346 (32) 13.08.20 (33) US
(43) 17.02.2022
(72) JUNEJA, Vikram
(74) Spruson & Ferguson
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- (71) Blazing Brave Pty Ltd
(11) AU-A-2021340271
(21) 2021340271 (22) 25.08.2021
(54) A candle, method for assembling a
candle, a candle assembly apparatus,
and a fuel element
(51) Int. Cl.
C11C 5/02 (2006.01)
(87) WO2022/051799
(31) 2020903222 (32) 08.09.20 (33) AU
2020904187 13.11.20 AU
2021900261 04.02.21 AU
2021900404 17.02.21 AU
(43) 17.03.2022
(72) MAROUN, Dean; ANDREWS, Craig;
ZOCEK, Pavel
(74) FOUNDRY INTELLECTUAL PROP-
ERTY PTY LTD
-
- (71) BLOCK, INC.
(11) AU-A-2021341692
(21) 2021341692 (22) 30.08.2021
(54) Application integration for contactless
payments
(51) Int. Cl.
G06Q 20/10 (2012.01)
G06Q 20/20 (2012.01)
G06Q 20/22 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/36 (2012.01)
G06Q 20/40 (2012.01)
(87) WO2022/055739
(31) 63/076,768 (32) 10.09.20 (33) US
17/079,986 26.10.20 US
17/080,025 26.10.20 US
17/079,946 26.10.20 US
(43) 17.03.2022
(72) BODALIA, Pritesh; BEDI, Deepkarn;
SUKOVICH, Christopher; AU, Vinh;
BULLITT, Jessica; DOYLE, Evan;
BROWN, Mark; EDWARDS, Adam;
HEISEL, Christopher; MINCEY, Krystal;
-
- (74) FB Rice Pty Ltd
(71) Board of Trustees of Michigan State
University
(11) AU-A-2021324684
(21) 2021324684 (22) 10.08.2021
(54) Proteasome enhancers and uses there-
of
(51) Int. Cl.
A61K 31/4427 (2006.01)
A61K 31/445 (2006.01)
A61P 25/00 (2006.01)
C07D 401/12 (2006.01)
(87) WO2022/035898
(31) 63/064,262 (32) 11.08.20 (33) US
(43) 17.02.2022
(72) TEPE, Jetze J.; VANECEK, Allison
(74) FB Rice Pty Ltd
-
- (71) Board of Trustees of Michigan State
University
(11) AU-A-2021324687
(21) 2021324687 (22) 10.08.2021
(54) Proteasome enhancers and uses there-
of
(51) Int. Cl.
C07D 207/333 (2006.01)
C07D 209/08 (2006.01)
C07D 233/64 (2006.01)
(87) WO2022/035904
(31) 63/064,262 (32) 11.08.20 (33) US
(43) 17.02.2022
(72) TEPE, Jetze J.; STAERZ, Sophia
(74) FB Rice Pty Ltd
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- (71) BONDI BIO PTY LTD
(11) AU-A-2021348266
(21) 2021348266 (22) 24.09.2021
(54) STANDARDISED CYANOBACTERIAL
STRAIN ENGINEERING
(51) Int. Cl.
C12N 15/74 (2006.01)
C12N 15/11 (2006.01)
C12N 15/65 (2006.01)
(87) WO2022/061417
(31) 2020903460 (32) 25.09.20 (33) AU
(43) 31.03.2022
(72) BROWN, James; O'BRIEN, Cameron;
WLODARCZYK, Artur; KOPP, Dominik
(74) ALLENS PATENT & TRADE MARK
ATTORNEYS
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- (71) Bourgault Industries Ltd.
(11) AU-A-2021323988
(21) 2021323988 (22) 04.03.2021
(54) Optimizing relative placement of seeds
and fertilizers
(51) Int. Cl.
A01C 5/08 (2006.01)
A01C 5/06 (2006.01)
(87) WO2022/032374
(31) 3089919 (32) 11.08.20 (33) CA
(43) 17.02.2022
(72) CRESSWELL, Mark; LUNG, Devin
(74) FB Rice Pty Ltd
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- (71) BREVILLE PTY LIMITED
(11) AU-A-2021339467
(21) 2021339467 (22) 09.09.2021
(54) INLINE CAVITATION REDUCTION
FOR A BEVERAGE APPLIANCE
(51) Int. Cl.
F04D 29/66 (2006.01)
A47J 31/46 (2006.01)
A47J 31/52 (2006.01)
F04B 11/00 (2006.01)
(87) WO2022/051812
(31) 2020903258 (32) 10.09.20 (33) AU
(43) 17.03.2022
(72) TOFAILI, Ali; ZHENG, Luichang;
WONG, Michael Yui Ko; NG, Sing Wai;
XIAO, Kai
(74) GLMR
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- (71) BREVILLE PTY LIMITED
(11) AU-A-2021354326
(21) 2021354326 (22) 27.09.2021
(54) DOOR MECHANISM FOR A COOKING
APPLIANCE
(51) Int. Cl.
E05F 5/02 (2006.01)
A47J 37/06 (2006.01)
E05B 15/04 (2006.01)
E05F 3/04 (2006.01)
E05F 3/16 (2006.01)
E05F 5/06 (2006.01)
F24C 15/02 (2006.01)
H05B 6/64 (2006.01)
(87) WO2022/067378
(31) 2020903533 (32) 30.09.20 (33) AU
(43) 07.04.2022
(72) REID, Harrison Eugene Hamilton
(74) GLMR
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- (71) Bristol-Myers Squibb Company
(11) AU-A-2021331087
(21) 2021331087 (22) 25.08.2021
(54) Method of treating an autoimmune dis-
ease with antagonistic CD40 mono-
clonal antibodies
(51) Int. Cl.
A61P 37/02 (2006.01)
A61K 39/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/046942
(31) 63/070,209 (32) 25.08.20 (33) US
(43) 03.03.2022
(72) YE, Ying; ARAS, Urvi; SHARDA, Nidhi;
STRUTHERS, Mary; PRICE, Karen;
GIRGIS, Ihab; FURA, Aberra
(74) AJ PARK
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- (71) BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2021337602
(21) 2021337602 (22) 02.09.2021
(54) POLYMORPHS OF
BIS(FLUOROALKYL)-1,4-BENZO-
DIAZEPINONE COMPOUNDS AND
USES THEREOF
(51) Int. Cl.
A61K 31/19 (2006.01)

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A61K 31/417 (2006.01)
A61K 31/4245 (2006.01)
(87) WO2022/051442
(31) 63/074,024 **(32)** 03.09.20 **(33)** US
(43) 10.03.2022
(72) DABROS, Marta; ENGSTROM, Joshua;
 ROBERTS, Daniel Richard
(74) Griffith Hack
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- (71)** Cardiacbooster B.V.
(11) AU-A-2021360106
(21) 2021360106 **(22)** 14.10.2021
(54) Cardiac assist device
(51) Int. Cl.
A61M 60/174 (2021.01)
A61M 60/268 (2021.01)
A61M 60/295 (2021.01)
A61M 60/427 (2021.01)
A61M 60/497 (2021.01)
A61M 60/515 (2021.01)
A61M 60/837 (2021.01)
A61M 60/843 (2021.01)
A61M 60/896 (2021.01)
A61M 60/898 (2021.01)
(87) WO2022/081009
(31) 2026671 **(32)** 14.10.20 **(33)** NL
(43) 21.04.2022
(72) VAN DORT, Daniël Immanuel Michaël;
 LUDWIG, Florian Niklas
(74) Griffith Hack
-
- (71)** Carefusion 2200
(11) AU-A-2021330501
(21) 2021330501 **(22)** 13.08.2021
(54) Integrated time-indicating device during
 topical skin application
(51) Int. Cl.
A61M 35/00 (2006.01)
A61B 90/80 (2016.01)
A61F 13/38 (2006.01)
A61F 13/40 (2006.01)
A61L 2/26 (2006.01)
(87) WO2022/046437
(31) 63/071,129 **(32)** 27.08.20 **(33)** US
(43) 03.03.2022
(72) MCGINLEY, Christopher; ORTIZ,
 Moises; SENDLAK, Camille, A.; TOTH,
 Brandon; MENG, Richard; ZIMBLER,
 Dan
(74) Davies Collison Cave Pty Ltd
-
- (71)** CareFusion 2200, Inc.
(11) AU-A-2021329531
(21) 2021329531 **(22)** 20.08.2021
(54) Lavage fluid delivery device and sys-
 tems
(51) Int. Cl.
A61M 3/02 (2006.01)
A61H 35/00 (2006.01)
A61H 35/04 (2006.01)
(87) WO2022/040543
(31) 63/068,821 **(32)** 21.08.20 **(33)** US
(43) 24.02.2022
(72) KRUEGER, John; PLISHKA, Michael;
 MCGINLEY, Christopher; ZIMBLER,
 Daniel
(74) Davies Collison Cave Pty Ltd
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- (71)** CAREFUSION 2200, INC.
(11) AU-A-2021327753
(21) 2021327753 **(22)** 20.08.2021
(54) LAVAGE FLUID DELIVERY DEVICE
 AND SYSTEMS
(51) Int. Cl.
A61M 3/02 (2006.01)
A61H 35/00 (2006.01)
A61H 35/04 (2006.01)
(87) WO2022/040525
(31) 63/068,816 **(32)** 21.08.20 **(33)** US
(43) 24.02.2022
(72) KRUEGER, John; PLISHKA, Michael;
 MCGINLEY, Christopher; ZIMBLER,
 Daniel
(74) Davies Collison Cave Pty Ltd
-
- (71)** Carnival Corporation
(11) AU-A-2021358831
(21) 2021358831 **(22)** 15.01.2021
(54) Antenna device for a wireless guest
 engagement system and methods for
 making and using the same
(51) Int. Cl.
H04W 4/021 (2018.01)
G01S 5/04 (2006.01)
G07C 9/00 (2020.01)
G07C 9/27 (2020.01)
G07C 9/28 (2020.01)
H04B 1/034 (2006.01)
H04B 5/00 (2006.01)
H04W 4/02 (2018.01)
H04W 4/029 (2018.01)
H04W 4/30 (2018.01)
H04W 4/33 (2018.01)
H04W 4/80 (2018.01)
(87) WO2022/076021
(31) 17/067,468 **(32)** 09.10.20 **(33)** US
(43) 14.04.2022
(72) PADGETT, John; JUNGEN, Michael G.;
 STEELE, Douglas; PRESTENBACK,
 Kyle; CRIADO, Richard J.; BALL,
 Vince; LEONARDS, Adam; CURTIS,
 Glenn; VELLON, Manny; MENDIUK,
 Patrick; LAM, Sander
(74) Zone Patents Limited
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- (71)** Catalog Technologies, Inc.
(11) AU-A-2021347675
(21) 2021347675 **(22)** 21.09.2021
(54) Temperature-controlled fluidic reactions
 system
(51) Int. Cl.
B01L 3/00 (2006.01)
(87) WO2022/066637
(31) 63/081,666 **(32)** 22.09.20 **(33)** US
(43) 31.03.2022
(72) ROQUET, Nathaniel; MIHM, Sean
(74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd
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- (71)** CBN Nano Technologies Inc.
(11) AU-A-2021347156
(21) 2021347156 **(22)** 22.09.2021
(54) Efficient and manufacturable mechanic-
 al computing
-
- (51)** Int. Cl.
G06C 15/02 (2006.01)
G06D 3/00 (2006.01)
H03K 19/02 (2006.01)
H03K 19/20 (2006.01)
(87) WO2022/066680
(31) 63/083,265 **(32)** 25.09.20 **(33)** US
 63/083,276 25.09.20 US
(43) 31.03.2022
(72) RYLEY III, James F.; JOBES, Mark N.;
 SEMPREBON, Jeffrey E.
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** CBN Nano Technologies Inc.
(11) AU-A-2021349215
(21) 2021349215 **(22)** 22.09.2021
(54) Managing non-contact forces in mech-
 anisms
(51) Int. Cl.
G06C 15/02 (2006.01)
G06D 3/00 (2006.01)
H03K 19/20 (2006.01)
(87) WO2022/066681
(31) 63/083,265 **(32)** 25.09.20 **(33)** US
 63/083,276 25.09.20 US
(43) 31.03.2022
(72) RYLEY III, James F.; JOBES, Mark N.;
 MACARTHUR, James; SEMPREBON,
 Jeffrey E.
(74) PHILLIPS ORMONDE FITZPATRICK
-
- (71)** Centripetal Limited
(11) AU-A-2021331195
(21) 2021331195 **(22)** 26.08.2021
(54) Methods and systems for efficient virtu-
 alization of inline transparent computer
 networking devices
(51) Int. Cl.
G06F 9/455 (2018.01)
(87) WO2022/047019
(31) 63/071,174 **(32)** 27.08.20 **(33)** US
 17/395,120 05.08.21 US
(43) 03.03.2022
(72) GOODWIN, Richard; SPRAGUE, Paul;
 GEREMIA, Peter; MOORE, Sean
(74) Minter Ellison
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- (71)** China Mobile Communication Co., Ltd
 Research Institute; China Mobile Com-
 munications Group Co., Ltd.
(11) AU-A-2021332873
(21) 2021332873 **(22)** 26.08.2021
(54) Methods for inserting and extracting op-
 erations, administration, and mainten-
 ance of transmitting end, device, and
 medium
(51) Int. Cl.
H04W 24/02 (2009.01)
H04W 24/04 (2009.01)
(87) WO2022/042647
(31) 202010883893.4 **(32)** 28.08.20 **(33)** CN
(43) 03.03.2022
(72) LI, Han; CHENG, Weiqiang
(74) Adams Pluck
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- (71)** CJ CHEILJEDANG CORPORATION
(11) AU-A-2021325749

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(54) MICROORGANISM FOR PRODUCING PUTRESCINE AND PROCESS FOR PRODUCING PUTRESCINE BY USING SAME
(51) Int. Cl.
C12N 15/77 (2006.01)
C12N 9/10 (2006.01)
C12N 9/80 (2006.01)
C12P 13/00 (2006.01)
(87) WO2022/035011
(31) 10-2020-0101894 **(32)** 13.08.20 **(33)** KR
(43) 17.02.2022
(72) LEE, Jaehun; LEE, Kyoung Min; BAE, Hyun-jung
(74) Spruson & Ferguson
-
- (71)** Clean Train Propulsion
(11) AU-A-2021324921
(21) 2021324921 (22) 13.08.2021
(54) Dynamic wireless power transfer system controlling multiple transmitter coils
(51) Int. Cl.
B60L 13/06 (2006.01)
B60L 13/08 (2006.01)
B60L 13/10 (2006.01)
B60L 15/22 (2006.01)
B60L 15/28 (2006.01)
(87) WO2022/036244
(31) 63/065,256 **(32)** 13.08.20 **(33)** US
(43) 17.02.2022
(72) COOK, David
(74) K&L Gates
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- (71)** CONEX HEALTHCARE PTE. LTD.
(11) AU-A-2020464165
(21) 2020464165 (22) 18.08.2020
(54) Non-contact and non-intrusive continuous monitoring platform
(51) Int. Cl.
A61B 5/00 (2006.01)
G08B 21/02 (2006.01)
(87) WO2022/039663
(43) 24.02.2022
(72) TAN, Swee Yen; SHEN, Nansheng; ANSHU, -
(74) MINTER ELLISON
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- (71)** Crispr Therapeutics AG
(11) AU-A-2021347907
(21) 2021347907 (22) 23.09.2021
(54) Genetically engineered t cells with regnase-1 and/or tgfbr2i disruption have improved functionality and persistence
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
C12N 15/10 (2006.01)
C12N 15/85 (2006.01)
(87) WO2022/064428
(31) 63/082,357 **(32)** 23.09.20 **(33)** US
63/124,429 11.12.20 US
63/225,673 26.07.21 US
(43) 31.03.2022
(72) DEQUEANT, Mary-Lee; KALAITZIDIS, Demetrios; GHONIME, Mohammed
(74) RNB IP PTY LTD
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- (71)** Daewoong Pharmaceutical Co., Ltd.
(11) AU-A-2020467086
(21) 2020467086 (22) 10.09.2020
(54) Synthesis method for preparing SGLT inhibitor intermediate
(51) Int. Cl.
C07D 307/79 (2006.01)
(87) WO2022/051980
(43) 17.03.2022
(72) HUANG, Zhining; YE, Weiping; ZHOU, Zhangtao; WANG, Junjing; YOON, Heekyoon; CHOI, Ji-Soo
(74) WRAYS PTY LTD
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- (71)** Daewoong Pharmaceutical Co., Ltd.
(11) AU-A-2021331854
(21) 2021331854 (22) 25.08.2021
(54) Pharmaceutical composition of single dosage form for treating or preventing hypertension and hyperlipidemia
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 9/16 (2006.01)
A61K 9/28 (2006.01)
A61K 31/4164 (2006.01)
A61K 31/4422 (2006.01)
A61K 31/505 (2006.01)
(87) WO2022/045760
(31) 10-2020-0107083 **(32)** 25.08.20 **(33)** KR
(43) 03.03.2022
(72) KIM, Ji Yeon; KIM, Bo Hoon
(74) WRAYS PTY LTD
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- (71)** Daifuku Co., Ltd.
(11) AU-A-2021328182
(21) 2021328182 (22) 08.07.2021
(54) Baggage deposit machine
(51) Int. Cl.
B64F 1/36 (2017.01)
G06F 3/0346 (2013.01)
G06F 3/0481 (2022.01)
(87) WO2022/038918
(31) 2020-139525 **(32)** 20.08.20 **(33)** JP
(43) 24.02.2022
(72) TSUJIMOTO, Kazushi; ISOMURA, Takuya; OI, Takashi
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** DAIKIN INDUSTRIES, LTD.
(11) AU-A-2021347048
(21) 2021347048 (22) 09.09.2021
(54) HEAT EXCHANGER AND METHOD FOR MANUFACTURING HEAT EXCHANGER
(51) Int. Cl.
F28F 3/10 (2006.01)
F28D 9/02 (2006.01)
(87) WO2022/065046
(31) 2020-158900 **(32)** 23.09.20 **(33)** JP
(43) 31.03.2022
(72) KASAI Masaya; NAKAZAWA Takema; SUEOKA Takahisa
(74) Spruson & Ferguson
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- (71)** DEAKIN UNIVERSITY
(11) AU-A-2021345495
(21) 2021345495 (22) 02.09.2021
(54) PRODUCTION OF BORON NITRIDE NANOSHEETS
(51) Int. Cl.
C01B 21/064 (2006.01)
B02C 17/06 (2006.01)
B02C 17/08 (2006.01)
B02C 17/10 (2006.01)
B02C 17/20 (2006.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
(87) WO2022/056580
(31) 2020903381 **(32)** 21.09.20 **(33)** AU
(43) 24.03.2022
(72) LI, Luhua
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** DELFI DIAGNOSTICS, INC.
(11) AU-A-2021328551
(21) 2021328551 (22) 17.08.2021
(54) METHODS AND SYSTEMS FOR CELL-FREE DNA FRAGMENT SIZE DENSITIES TO ASSESS CANCER
(51) Int. Cl.
C12Q 1/68 (2018.01)
G16B 20/00 (2019.01)
G16B 20/10 (2019.01)
G16B 40/00 (2019.01)
G16B 40/20 (2019.01)
(87) WO2022/040163
(31) 63/067,244 **(32)** 18.08.20 **(33)** US
63/163,434 19.03.21 US
(43) 24.02.2022
(72) CAREY, Jacob; DRACOPOLI, Nicholas C.; JONES, Siân
(74) FB Rice Pty Ltd
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- (71)** Dickinson Corporation
(11) AU-A-2021344831
(21) 2021344831 (22) 07.09.2021
(54) Scalable synthesis of perimorphic carbons
(51) Int. Cl.
C01B 32/194 (2017.01)
C01B 32/05 (2017.01)
C01B 32/18 (2017.01)
C09C 1/44 (2006.01)
(87) WO2022/060588
(31) 63/075,918 **(32)** 09.09.20 **(33)** US
(43) 24.03.2022
(72) BISHOP, Matthew; BRILL, David; CARSTENS, Christopher; THOMAS, Abhay; WESTLE, Andrew
(74) Spruson & Ferguson
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- (71)** DYNAMICURE BIOTECHNOLOGY LLC
(11) AU-A-2021349280
(21) 2021349280 (22) 28.09.2021
(54) ANTI-CD93 CONSTRUCTS AND USES THEREOF
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/067262
(31) 63/084,474 **(32)** 28.09.20 **(33)** US
PCT/ 02.06.21 US
US2021/035542

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(71) DYNASCAN TECHNOLOGY CORP. (11) AU-A-2021346014 (21) 2021346014 (54) DISPLAY SYSTEM WITH FAN CON- TROL AND METHOD THEREOF (51) Int. Cl. G06F 1/20 (2006.01) (87) WO2022/057823 (31) 17/027,446 (43) 24.03.2022 (72) WANG, Tsun-I; WU, Ching-Chun; YANG, Chia-Liang (74) Davies Collison Cave Pty Ltd	15.09.2021 (32) 21.09.20 (33) US	(71) entX Limited (11) AU-A-2021339231 (21) 2021339231 (54) Devices and methods for generating electrical energy (51) Int. Cl. H10N 10/81 (2023.01) H10N 10/17 (2023.01) H10N 10/851 (2023.01) (87) WO2022/051809 (31) 2020903248 (43) 17.03.2022 (72) JONES, Bryn; KELLY, Julian Frederick (74) PHILLIPS ORMONDE FITZPATRICK	(32) 09.09.2021 (33) AU (32) 10.09.20 (33) AU (32) 03.12.20 (33) EP	
(71) EAST HAMPTON SHUCKER COM- PANY, INC. (11) AU-A-2021324877 (21) 2021324877 (54) OYSTER SHUCKING CLAMP APPAR- ATUS AND METHOD (51) Int. Cl. A22C 29/04 (2006.01) A22C 29/00 (2006.01) A47G 21/06 (2006.01) (87) WO2022/035589 (31) 17/366,300 63/064,211 (43) 17.02.2022 (72) NICHOLAS, John (74) Spruson & Ferguson	28.07.2021 (32) 02.07.21 (33) US 11.08.20 US	(71) EV Metals UK Limited (11) AU-A-2021326031 (21) 2021326031 (54) Cathode materials (51) Int. Cl. C01G 51/00 (2006.01) C01G 53/00 (2006.01) H01M 4/525 (2010.01) (87) WO2022/034330 (31) 2012628.0 (43) 17.02.2022 (72) MARIN FLORIDO, Carlos; HAMMER, Eva-Maria; POPURI, Srinivasarao (74) FB Rice Pty Ltd	(32) 12.08.2021 (33) GB (32) 13.08.20 (33) GB	
(71) Element Biosciences, Inc. (11) AU-A-2021331649 (21) 2021331649 (54) Selecting locations for base-calling (51) Int. Cl. G01N 15/14 (2006.01) C12Q 1/6874 (2018.01) G01N 15/10 (2006.01) G06T 7/136 (2017.01) G16B 30/00 (2019.01) G01N 21/05 (2006.01) (87) WO2022/047379 (31) 63/072,649 17/219,556 (43) 03.03.2022 (72) ZHOU, Chunhong; KRUGLYAK, Semy- on; GARCIA, Francisco; GUO, Ming- hao; WANG, Haosen; KELLY, Ryan (74) Spruson & Ferguson	31.08.2021 (32) 31.08.20 (33) US 31.03.21 US	(71) Ezyaid Pty Ltd (11) AU-A-2021323938 (21) 2021323938 (54) Apparatus for holding a tube and asso- ciated method of use (51) Int. Cl. A61M 16/06 (2006.01) A61M 25/02 (2006.01) (87) WO2022/032339 (31) 2020902829 (43) 17.02.2022 (72) GEOSITS, Adam Nicholas; HAY, Jes- sica Anne (74) GLMR	(22) 11.08.2021 (33) AU (32) 11.08.20 (33) AU	
(71) ENERSCALE GMBH (11) AU-A-2021349775 (21) 2021349775 (54) APPARATUS AND METHOD FOR CONVERTING THERMAL ENERGY (51) Int. Cl. F01K 7/32 (2006.01)	07.09.2021 (22) 07.09.2021	(71) F. Hoffmann-La Roche AG (11) AU-A-2021380807 (21) 2021380807 (54) Prevention or mitigation of T-cell enga- ging agent-related adverse effects (51) Int. Cl. A61K 39/00 (2006.01) A61K 31/00 (2006.01) A61K 31/436 (2006.01) A61K 31/519 (2006.01) A61K 35/17 (2015.01)	(22) 08.11.2021 (33) NO	
(71) Furukawa Electric Co.,Ltd. (11) AU-A-2021345164 (21) 2021345164 (54) Structure for attaching grating lid onto resin trough body; trough track; trough track forming method; and grating lid (51) Int. Cl. E03F 5/04 (2006.01) E03F 5/06 (2006.01) H02G 1/06 (2006.01) H02G 9/04 (2006.01) (87) WO2022/059657 (31) 2020-154918 (43) 24.03.2022 (72) MANABE, Hiroki; HORI, Takashi (74) Spruson & Ferguson	14.09.2021 (32) 15.09.20 (33) JP	(71) Gas 2 Feed AS; Mikalsen, T.; Johan- nessen, A. (11) AU-A-2021264040 (21) 2021264040 (54) System and process for recycling bio- genetic carbon dioxide (51) Int. Cl. A01K 63/04 (2006.01) (87) WO2021/220056 (31) 20200501 (43) 04.11.2021 (72) MIKALSEN, Terje Ernst; JOHAN- NESSEN, Arild (74) FB Rice Pty Ltd	(32) 28.04.2021 (33) NO (32) 28.04.20 (33) NO	

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(11) AU-A-2020467674
(21) 2020467674 (22) 14.09.2020
(54) METHOD FOR PREPARING STEM CELLS HAVING IMPROVED ENGRAFTMENT CAPABILITY
(51) Int. Cl.
C12N 5/0775 (2010.01)
A61K 35/28 (2015.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C07K 14/47 (2006.01)
(87) WO2022/054999
(43) 17.03.2022
(72) CHOI, Jin-Woo
(74) Spruson & Ferguson
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- (71) GENEROATH CO., LTD.
(11) AU-A-2021354996
(21) 2021354996 (22) 30.09.2021
(54) METHODS OF TREATING NEURONAL DISEASES USING AIMP2-DX2 AND OPTIONALLY A TARGET SEQUENCE FOR miR-142 AND COMPOSITIONS THEREOF
(51) Int. Cl.
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C07K 14/47 (2006.01)
C12N 15/113 (2010.01)
C12N 15/86 (2006.01)
(87) WO2022/070141
(31) 63/085,950 (32) 30.09.20 (33) US
(43) 07.04.2022
(72) CHOI, Jin Woo; BAEK, Kyunghwa
(74) Spruson & Ferguson
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- (71) Genetic Technologies Limited
(11) AU-A-2021366960
(21) 2021366960 (22) 19.10.2021
(54) Methods of assessing risk of developing a disease
(51) Int. Cl.
C12Q 1/68 (2018.01)
C12Q 1/6827 (2018.01)
C12Q 1/6883 (2018.01)
(87) WO2022/082261
(31) 2020903793 (32) 20.10.20 (33) AU
(43) 28.04.2022
(72) WONG, Kevin; MURPHY, Nick; DITE, Gillian; GAFNI, Aviv; ALLMAN, Richard
(74) FB Rice Pty Ltd
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- (71) Genmab A/S
(11) AU-A-2021351187
(21) 2021351187 (22) 01.10.2021
(54) Antibodies capable of binding to ROR2 and bispecific antibodies binding to ROR2 and CD3
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
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- (71) GlaxoSmithKline Biologicals SA
(11) AU-A-2021339930
(21) 2021339930 (22) 09.09.2021
(54) Outer membrane vesicles
(51) Int. Cl.
C07K 14/22 (2006.01)
A61K 35/74 (2015.01)
C12N 1/21 (2006.01)
C12N 9/10 (2006.01)
C12R 1/36 (2006.01)
(87) WO2022/053535
(31) 20195709.9 (32) 11.09.20 (33) EP
(43) 17.03.2022
(72) DELANY, Isabel; GIORDANO, Giulia; LEUZZI, Rosanna; MARGARIT Y ROS, Immaculada
(74) AJ PARK
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- (71) GLOBAL SPORTS & ENTERTAINMENT MARKETING, LLC
(11) AU-A-2021325061
(21) 2021325061 (22) 12.08.2021
(54) INTERACTIVE VIDEO OVERLAY
(51) Int. Cl.
H04N 21/431 (2011.01)
H04N 21/43 (2011.01)
H04N 21/478 (2011.01)
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(87) WO2022/036037
(31) 16/994,468 (32) 14.08.20 (33) US
(43) 17.02.2022
(72) BAXTER, Garrett; ABBASI, Taha Salah-Ud-Din
(74) Griffith Hack
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- (71) Goya Dental Pty Ltd
(11) AU-A-2021359592
(21) 2021359592 (22) 15.09.2021
(54) Electromagnetic radiation focusing device and applications thereof
(51) Int. Cl.
A61N 5/10 (2006.01)
A61B 6/08 (2006.01)
G21K 1/02 (2006.01)
(87) WO2022/077049
(31) 2020903715 (32) 13.10.20 (33) AU
(43) 21.04.2022
(72) MERVIN, Kyle Andrew
(74) Alder IP Pty Ltd
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- (71) GRIPPLE LIMITED
(11) AU-A-2021351932
(21) 2021351932 (22) 29.09.2021
(54) SUSPENSION ASSEMBLY
(51) Int. Cl.
F16B 2/10 (2006.01)
(87) WO2022/070055
(31) 2112488.8 (32) 02.09.21 (33) GB
2113824.3 28.09.21 GB
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- (43) 07.04.2022
(72) BARNES, Samuel
(74) Spruson & Ferguson
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- (71) Gumrukcu, S.
(11) AU-A-2021338354
(21) 2021338354 (22) 02.09.2021
(54) Expanded memory subsets of gamma delta T cells for immunotherapy
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 39/215 (2006.01)
A61P 11/00 (2006.01)
A61P 37/04 (2006.01)
(87) WO2022/051520
(31) 63/073,850 (32) 02.09.20 (33) US
(43) 10.03.2022
(72) GUMRUKCU, Serhat
(74) WRAYS PTY LTD
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- (71) H2 CLIPPER, INC.
(11) AU-A-2020464734
(21) 2020464734 (22) 28.08.2020
(54) Method and apparatus for lighter-than-air airship with improved structure and delivery system
(51) Int. Cl.
B64B 1/00 (2006.01)
B64B 1/08 (2006.01)
B64B 1/14 (2006.01)
B64B 1/18 (2006.01)
B64B 1/20 (2006.01)
B64B 1/22 (2006.01)
B64B 1/58 (2006.01)
B64B 1/66 (2006.01)
B64D 1/08 (2006.01)
B64D 5/00 (2006.01)
B64D 9/00 (2006.01)
B66F 11/04 (2006.01)
(87) WO2022/046064
(43) 03.03.2022
(72) BRUTOOCO, Rinaldo S.; SHELTON, Robert H.; MERRITT, Shawn
(74) FPA Patent Attorneys Pty Ltd
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- (71) HALLIBURTON ENERGY SERVICES, INC.
(11) AU-A-2021351718
(21) 2021351718 (22) 01.10.2021
(54) Method of using hydraulic activation chambers for anchoring downhole equipment
(51) Int. Cl.
E21B 23/01 (2006.01)
E21B 23/04 (2006.01)
E21B 33/1295 (2006.01)
(87) WO2022/072812
(31) 63/086,912 (32) 02.10.20 (33) US
17/491,956 01.10.21 US
(43) 07.04.2022
(72) DALH, Espen; FALNES, Morten; LAFERTY, Gavin
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) HELMHOLTZ ZENTRUM MÜNCHEN - DEUTSCHES FORSCHUNGSZEN-

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(11) AU-A-2021366278
(21) 2021366278 **(22)** 20.10.2021
(54) METHOD FOR MANUFACTURING HEK293 CELL LINE, METHOD FOR MANUFACTURING EB-VLPs AND COMPOSITION COMPRISING SAID EB-VLPs
(51) Int. Cl.
A61K 39/245 (2006.01)
C12N 7/04 (2006.01)
C12N 15/869 (2006.01)
(87) WO2022/084373
(31) LU102132 **(32)** 20.10.20 **(33)** LU
(43) 28.04.2022
(72) HAMMERSCHMIDT, Wolfgang; PICH, Dagmar
(74) Oxygene IP

(71) Hettich-ONI GmbH & Co. KG
(11) AU-A-2021351114
(21) 2021351114 **(22)** 06.09.2021
(54) Refrigerator
(51) Int. Cl.
F25D 23/02 (2006.01)
E05D 3/16 (2006.01)
(87) WO2022/069159
(31) 10 2020 125 600.0 **(32)** 30.09.20 **(33)** DE
(43) 07.04.2022
(72) SCHNEIDER, Mark; TOFALL, Ralf
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Hettich-ONI GmbH & Co. KG
(11) AU-A-2021354729
(21) 2021354729 **(22)** 06.09.2021
(54) Multi-joint hinge
(51) Int. Cl.
E05D 3/16 (2006.01)
E05F 5/02 (2006.01)
(87) WO2022/069158
(31) 10 2020 125 605.1 **(32)** 30.09.20 **(33)** DE
(43) 07.04.2022
(72) SCHNEIDER, Mark; TOFALL, Ralf
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Hettich-ONI GmbH & Co. KG
(11) AU-A-2021354862
(21) 2021354862 **(22)** 15.09.2021
(54) Refrigerator
(51) Int. Cl.
F25D 23/02 (2006.01)
(87) WO2022/069225
(31) 10 2020 125 604.3 **(32)** 30.09.20 **(33)** DE
(43) 07.04.2022
(72) SCHNEIDER, Mark; TOFALL, Ralf
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Hitachi, Ltd.
(11) AU-A-2021384046
(21) 2021384046 **(22)** 19.08.2021
(54) Information processing system, information processing method, and computer
(51) Int. Cl.

G06F 21/62 (2013.01)
G06F 16/735 (2019.01)
G06Q 10/00 (2012.01)
(87) WO2022/107406
(31) 2020-190785 **(32)** 17.11.20 **(33)** JP
(43) 27.05.2022
(72) KONOURA, Hiroaki; KINOSHITA, Masafumi; SHIRAI, Keisuke
(74) Davies Collison Cave Pty Ltd

(71) Huawei Technologies Co., Ltd.
(11) AU-A-2022251499
(21) 2022251499 **(22)** 28.03.2022
(54) Method for package extension, device, and storage medium
(51) Int. Cl.
H04L 1/00 (2006.01)
(87) WO2022/206686
(31) 202110343378.1 **(32)** 30.03.21 **(33)** CN
(43) 06.10.2022
(72) HU, Mengshi; YU, Jian; GAN, Ming
(74) PHILLIPS ORMONDE FITZPATRICK

(71) HUMAN MECHANICAL TECHNOLOGIES
(11) AU-A-2021338964
(21) 2021338964 **(22)** 07.09.2021
(54) EXOSKELETON COMPRISING AN ELASTIC ELEMENT
(51) Int. Cl.
B25J 9/00 (2006.01)
(87) WO2022/053447
(31) FR2009098 **(32)** 08.09.20 **(33)** FR
(43) 17.03.2022
(72) MASSONNIER, Simon
(74) Griffith Hack

(71) Hummingbird Diagnostics GmbH
(11) AU-A-2022327551
(21) 2022327551 **(22)** 05.08.2022
(54) Advanced dumbbell PCR for isomiR detection
(51) Int. Cl.
C12Q 1/6855 (2018.01)
(87) WO2023/016938
(31) 21190781.1 **(32)** 11.08.21 **(33)** EP
(43) 16.02.2023
(72) HOROS, Rastislav; STEINKRAUS, Bruno
(74) Spruson & Ferguson

(71) InnoTech Precision Medicine, Inc.
(11) AU-A-2021347357
(21) 2021347357 **(22)** 24.09.2021
(54) Systems, apparatus, and methods for detecting pathogens
(51) Int. Cl.
B01L 3/00 (2006.01)
C12Q 1/6816 (2018.01)
G01N 21/65 (2006.01)
G01N 33/543 (2006.01)
(87) WO2022/067079
(31) 63/082,694 **(32)** 24.09.20 **(33)** US
 63/143,690 29.01.21 US

(43) 31.03.2022
(72) KHOSRAVI-FAR, Roya; MOL-LAAGHABABA, Reza
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Insulet Corporation
(11) AU-A-2021331185
(21) 2021331185 **(22)** 26.08.2021
(54) Simplified wearable drug delivery device
(51) Int. Cl.
A61M 5/145 (2006.01)
A61M 5/142 (2006.01)
A61M 5/172 (2006.01)
(87) WO2022/046987
(31) 63/071,196 **(32)** 27.08.20 **(33)** US
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(43) 03.03.2022
(72) NAZZARO, David; O'CONNOR, Jason; MCLAUGHLIN, Ian; HILLDALE, Philip; LEE, Joon Bok; CHRISTENSEN, Bret; MCCAFFREY, Maureen; METZMAKER, Thomas
(74) Davies Collison Cave Pty Ltd

(71) Insulet Corporation
(11) AU-A-2021331186
(21) 2021331186 **(22)** 26.08.2021
(54) Systems and methods for activating drug delivery devices
(51) Int. Cl.
A61M 5/142 (2006.01)
(87) WO2022/046991
(31) 63/071,196 **(32)** 27.08.20 **(33)** US
(43) 03.03.2022
(72) NAZZARO, David; O'CONNOR, Jason; MCLAUGHLIN, Ian; LEE, Joon Bok; METZMAKER, Thomas; CHRISTENSEN, Bret; HILLDALE, Philip
(74) Davies Collison Cave Pty Ltd

(71) Insulet Corporation
(11) AU-A-2021333768
(21) 2021333768 **(22)** 26.08.2021
(54) Wearable micro-dosing drug delivery device
(51) Int. Cl.
A61M 5/142 (2006.01)
(87) WO2022/046995
(31) 63/071,196 **(32)** 27.08.20 **(33)** US
 63/150,871 18.02.21 US
(43) 03.03.2022
(72) O'CONNOR, Jason; ALLES, Matthew; SANZONE, Robert; BRODEUR, Craig; MELO, Joseph; WILLIAMS, Christopher; SCHAEFFER, Noel
(74) Davies Collison Cave Pty Ltd

(71) International Business Machines Corporation
(11) AU-A-2021359241
(21) 2021359241 **(22)** 24.09.2021
(54) Learning-based workload resource optimization for database management systems

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- (51) Int. Cl.
G06F 16/90 (2019.01)
- (87) WO2022/079529
- (31) 16/949,139 (32) 15.10.20 (33) US
(43) 21.04.2022
- (72) QUADER, Shaikh Shahriar; JARA-MILLO DURAN, Nicolas Andres; MUK-HOPADHYAY, Sumona; PAPANGELIS, Emmanouil; LITOIU, Marin; KALMUK, David; MIERZEJEWSKI, Peter
- (74) Spruson & Ferguson
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- (71) International Business Machines Corporation
- (11) AU-A-2021363719
- (21) 2021363719 (22) 08.10.2021
- (54) Generating and updating a performance report
- (51) Int. Cl.
G06F 11/34 (2006.01)
- (87) WO2022/084789
- (31) 17/075,961 (32) 21.10.20 (33) US
(43) 28.04.2022
- (72) REEVE, John Anthony; CONVERY, Robert; BAILEY, Matthew; HARRISON, Ashley Donald
- (74) Spruson & Ferguson
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- (71) International Business Machines Corporation
- (11) AU-A-2021366095
- (21) 2021366095 (22) 11.08.2021
- (54) Neural network processing
- (51) Int. Cl.
G06N 3/04 (2006.01)
G06N 3/063 (2006.01)
- (87) WO2022/083912
- (31) 17/076,287 (32) 21.10.20 (33) US
(43) 28.04.2022
- (72) CASSIDY, Andrew Stephen; AP-PUSWAMY, Rathinakumar; ARTHUR, John Vernon; SAWADA, Jun; MODHA, Dharmendra; DEBOLE, Michael Vincent; DATTA, Pallab; NAYAK, Tapan Kumar
- (74) Spruson & Ferguson
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- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION
- (11) AU-A-2021359236
- (21) 2021359236 (22) 16.09.2021
- (54) DISTRIBUTED RESOURCE-AWARE TRAINING OF MACHINE LEARNING PIPELINES
- (51) Int. Cl.
G06N 20/00 (2019.01)
- (87) WO2022/079517
- (31) 17/068,890 (32) 13.10.20 (33) US
(43) 21.04.2022
- (72) SATHE, Saket; BRAMBLE, Gregory; VU, Long; SALONIDIS, Theodoros
- (74) Spruson & Ferguson
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- (71) INTERNATIONAL BUSINESS MACHINES CORPORATION
- (11) AU-A-2021360289
- (21) 2021360289 (22) 06.10.2021
- (54) REMOTE SYSTEM UPDATE AND MONITORING
- (51) Int. Cl.
G06F 9/445 (2018.01)
- (87) WO2022/079548
- (31) 17/070,227 (32) 14.10.20 (33) US
(43) 21.04.2022
- (72) VALENTINE, Brian; EGGLESTON, John, Dale; BOISVERT, Brent; ALLEN, Michael; LUCKS, Michael; DREW, Brendon
- (74) Spruson & Ferguson
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- (71) ISTANBUL UNIVERSITESI REKT-ORLUGU
- (11) AU-A-2021326382
- (21) 2021326382 (22) 18.06.2021
- (54) USE OF A HEPARIN COMPOSITION IN THE TREATMENT OF VIRAL LUNG DISEASES, ACUTE AND/OR CHRONIC LUNG DISEASES BY SOFT MIST INHALER OR VIBRATION MESH TECHNOLOGY NEBULIZER THROUGH INHALATION ROUTE
- (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/72 (2006.01)
A61P 11/00 (2006.01)
- (87) WO2022/035397
- (31) 2020/12816 (32) 14.08.20 (33) TR
2021/00552 14.01.21 TR
(43) 17.02.2022
- (72) PEKOZ, Ayca Yildiz; ERELEL, Mustafa
- (74) CreatelP
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- (71) ISTANBUL UNIVERSITESI REKT-ORLUGU
- (11) AU-A-2021341483
- (21) 2021341483 (22) 14.07.2021
- (54) USE OF ACTIVE SUBSTANCES WITH ANTIVIRAL, ANTI MALARIAL, AND/OR MUCOLYTIC PROPERTIES IN THE TREATMENT OF VIRAL LUNG DISEASES INCLUDING COVID-19 BY SOFT MIST INHALER OR VIBRATION MESH TECHNOLOGY NEBULIZER THROUGH INHALATION ROUTE
- (51) Int. Cl.
A61P 11/00 (2006.01)
A61K 9/12 (2006.01)
A61K 31/4965 (2006.01)
A61K 31/519 (2006.01)
A61P 31/00 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61K 45/06 (2006.01)
- (87) WO2022/055449
- (31) 2020/14543 (32) 14.09.20 (33) TR
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(43) 17.03.2022
- (72) PEKOZ, Ayca Yildiz; ARAMAN, Ahmet Ogul; DAGISTAN, Ozlem Akbal
- (74) CreatelP
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- (71) Janssen Biotech, Inc.
- (11) AU-A-2021325670
- (21) 2021325670 (22) 09.08.2021
- (54) Materials and methods for producing bioengineered virus specific lymphocytes
- (51) Int. Cl.
A61K 35/17 (2015.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)
- (87) WO2022/035722
- (31) 63/063,801 (32) 10.08.20 (33) US
63/063,771 10.08.20 US
63/063,793 10.08.20 US
63/063,806 10.08.20 US
63/063,811 10.08.20 US
63/063,749 10.08.20 US
63/063,784 10.08.20 US
(43) 17.02.2022
- (72) GANESAN, Rajkumar; SINGH, Sanjaya; GREWAL, Iqbal, S.
- (74) Spruson & Ferguson
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- (71) JOHNSON OUTDOORS INC.
- (11) AU-A-2021358918
- (21) 2021358918 (22) 05.10.2021
- (54) COMPACT PACKABLE COOKING SYSTEM
- (51) Int. Cl.
A47J 36/26 (2006.01)
A47J 36/06 (2006.01)
A47J 36/34 (2006.01)
F24C 3/14 (2006.01)
F24C 15/08 (2006.01)
F24C 15/10 (2006.01)
- (87) WO2022/076414
- (31) 17/064,335 (32) 06.10.20 (33) US
(43) 14.04.2022
- (72) WILCOX, Adam Emery; HEBERT JR., Michael Edward; SIOPIIS, Michael Steven; CHARTIER, Ryan Paul
- (74) Dark IP
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- (71) Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
- (11) AU-A-2021356435
- (21) 2021356435 (22) 02.09.2021
- (54) GAS-TREATING DEVICE
- (51) Int. Cl.
B01D 53/14 (2006.01)
B01D 53/48 (2006.01)
B01D 53/50 (2006.01)
B01D 53/62 (2006.01)
B01D 53/78 (2006.01)
- (87) WO2022/074976
- (31) 2020-168357 (32) 05.10.20 (33) JP
(43) 14.04.2022
- (72) MAEDA, Norihide; KISHIMOTO, Akira; SHIGEHIISA, Takuo; NAKANISHI, Ken; SHIMIZU, Kunihiko
- (74) FB Rice Pty Ltd
-
- (71) Karl Leibinger Medizintechnik GmbH & Co. KG
- (11) AU-A-2021403493
- (21) 2021403493 (22) 13.12.2021
- (54) Maxilla repositioning implant without finger-type structures
- (51) Int. Cl.
A61B 17/80 (2006.01)
A61B 17/56 (2006.01)

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A61B 90/00 (2016.01)
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(31) 10.2020.134.246.2 **(32)** 18.12.20 **(33)** DE
(43) 23.06.2022
(72) REINAUER, Frank; GABELE, Lorenz
(74) Spruson & Ferguson

(71) KATCH IP PTY LIMITED
(11) AU-A-2021323937
(21) 2021323937 **(22)** 10.08.2021
(54) Tracking device and system
(51) Int. Cl.
G06K 7/10 (2006.01)
G01P 15/00 (2006.01)
G06Q 10/08 (2012.01)
G06Q 50/28 (2012.01)
(87) WO2022/032336
(31) 2020902818 **(32)** 10.08.20 **(33)** AU
(43) 17.02.2022
(72) TRIPPE-SMITH, Adam; HANRAHAN, Patrick; EGGINS, Marc; YONG, James
(74) Spruson & Ferguson

(71) KIMBERLY-CLARK WORDLWIDE, INC.
(11) AU-A-2020465974
(21) 2020465974 **(22)** 25.08.2020
(54) ABSORBENT STRUCTURES AND METHODS FOR MANUFACTURING ABSORBENT STRUCTURES
(51) Int. Cl.
A61F 13/531 (2006.01)
A61F 13/539 (2006.01)
(87) WO2022/046036
(43) 03.03.2022
(72) SCHOON, Bradley W.; LABASH, Daniel T.; BEITZ, Mark J.; BIGGS, David G.; BOWEN, Kate T.; GRAVERSON, Michelle L.; BAKER, Andrew T.
(74) Spruson & Ferguson

(71) KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2020464639
(21) 2020464639 **(22)** 25.08.2020
(54) ABSORBENT STRUCTURES AND METHODS FOR MANUFACTURING ABSORBENT STRUCTURES
(51) Int. Cl.
A61F 13/531 (2006.01)
A61F 13/539 (2006.01)
(87) WO2022/046032
(43) 03.03.2022
(72) SCHOON, Bradley, W.; LABASH, Daniel, T.; BEITZ, Mark, J.; BIGGS, David, G.; BOWEN, Kate, T.; GRAVERSON, Michelle, L.; BAKER, Andrew, T.
(74) Spruson & Ferguson

(71) KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2020465567
(21) 2020465567 **(22)** 25.08.2020
(54) ABSORBENT STRUCTURES AND METHODS FOR MANUFACTURING ABSORBENT STRUCTURES
(51) Int. Cl.

A61F 13/531 (2006.01)
A61F 13/539 (2006.01)
(87) WO2022/046030
(43) 03.03.2022
(72) SCHOON, Bradley, W.; VERCAUTEREN, Thomas; LABASH, Daniel, T.; BEITZ, Mark, J.; PETERS, Nicholas, M.; BAKER, Andrew, T.; BIGGS, David, G.
(74) Spruson & Ferguson

(71) KIMBERLY-CLARK WORLDWIDE, INC.
(11) AU-A-2020465973
(21) 2020465973 **(22)** 25.08.2020
(54) ABSORBENT STRUCTURES AND METHODS FOR MANUFACTURING ABSORBENT STRUCTURES
(51) Int. Cl.
A61F 13/531 (2006.01)
A61F 13/539 (2006.01)
(87) WO2022/046031
(43) 03.03.2022
(72) SCHOON, Bradley, W.; LABASH, Daniel, T.; BEITZ, Mark, J.; PETERS, Nicholas, M.; BAKER, Andrew, T.; BIGGS, David, G.; BOWEN, Kate, T.; GRAVERSON, Michelle, L.
(74) Spruson & Ferguson

(71) Kirkford Pty Ltd
(11) AU-A-2021354325
(21) 2021354325 **(22)** 23.06.2021
(54) Dewatering apparatus
(51) Int. Cl.
B30B 9/12 (2006.01)
B02C 19/00 (2006.01)
B09B 3/00 (2022.01)
C02F 11/12 (2019.01)
(87) WO2022/067371
(31) 2020903498 **(32)** 29.09.20 **(33)** AU
(43) 07.04.2022
(72) HUNGERFORD, Andrew Lloyd
(74) Spruson & Ferguson

(71) Kiwip Technologies SAS
(11) AU-A-2020466253
(21) 2020466253 **(22)** 16.11.2020
(54) Secure communication system with speaker recognition by voice biometrics for user groups such as family groups
(51) Int. Cl.
G10L 17/02 (2013.01)
G10L 17/16 (2013.01)
G10L 17/18 (2013.01)
G10L 17/22 (2013.01)
G10L 25/27 (2013.01)
(87) WO2022/048786
(31) FR2009058 **(32)** 07.09.20 **(33)** FR
(43) 10.03.2022
(72) LIM, Matthieu; BRAHMI, Ibtissam
(74) Griffith Hack

(71) KOMATSU LTD.
(11) AU-A-2021362379
(21) 2021362379 **(22)** 13.10.2021

(54) UNMANNED VEHICLE CONTROL SYSTEM, UNMANNED VEHICLE, AND UNMANNED VEHICLE CONTROL METHOD
(51) Int. Cl.
G05D 1/02 (2020.01)
(87) WO2022/080422
(31) 2020-173251 **(32)** 14.10.20 **(33)** JP
(43) 21.04.2022
(72) KADONO, Yosuke
(74) Spruson & Ferguson

(71) LANDOS BIOPHARMA, INC.
(11) AU-A-2021342568
(21) 2021342568 **(22)** 20.09.2021
(54) NLRX1 LIGANDS
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/498 (2006.01)
A61P 25/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
(87) WO2022/061224
(31) 63/081,016 **(32)** 21.09.20 **(33)** US
(43) 24.03.2022
(72) BASSAGANYA-RIERA, Josep; LEBER, Andrew; TUBAU-JUNI, Nuria; HONTECILLAS, Raquel
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) LEDAFLOW TECHNOLOGIES DA
(11) AU-A-2021339921
(21) 2021339921 **(22)** 08.09.2021
(54) Method and tool for planning and dimensioning subsea pipeline-based transport systems for multiphase flows
(51) Int. Cl.
G06F 30/28 (2020.01)
E21B 41/00 (2006.01)
G06F 111/10 (2020.01)
G06F 113/08 (2020.01)
G06F 113/14 (2020.01)
(87) WO2022/053490
(31) 20201002 **(32)** 11.09.20 **(33)** NO
(43) 17.03.2022
(72) MEESE, Ernst, A.; MORIN, Alexandre; BOUCHER, Alexandre
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Lemer Pax
(11) AU-A-2021339938
(21) 2021339938 **(22)** 09.09.2021
(54) Radiation protection screen, for providing radiation protection of an operator against ionising radiation
(51) Int. Cl.
A61B 6/10 (2006.01)
G01T 1/02 (2006.01)
G21F 3/00 (2006.01)
(87) WO2022/053575
(31) FR2009150 **(32)** 10.09.20 **(33)** FR
(43) 17.03.2022
(72) LEMER, Pierre-Marie
(74) Griffith Hack

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 (11) AU-A-2021326327
 (21) 2021326327 (22) 01.04.2021
 (54) Fan motor
 (51) Int. Cl.
H02K 9/06 (2006.01)
H02K 1/04 (2006.01)
H02K 5/16 (2006.01)
H02K 5/20 (2006.01)
H02K 7/00 (2006.01)
H02K 7/14 (2006.01)
 (87) WO2022/035015
 (31) 10-2020-0101319 (32) 12.08.20 (33) KR
 (43) 17.02.2022
 (72) HAN, Cheol; KIM, Yongdae; YANG, Giyeob
 (74) Dentons Patent Attorneys Australasia Limited
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- (71) Ligandal, Inc.
 (11) AU-A-2021327773
 (21) 2021327773 (22) 20.08.2021
 (54) Compositions and methods for nanoparticle seed substrates
 (51) Int. Cl.
B82B 3/00 (2006.01)
A61K 9/51 (2006.01)
B22F 1/00 (2022.01)
 (87) WO2022/040605
 (31) 63/068,931 (32) 21.08.20 (33) US
 (43) 24.02.2022
 (72) WATSON, Andre
 (74) Davies Collison Cave Pty Ltd
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- (71) Locus Robotics Corp.
 (11) AU-A-2021339659
 (21) 2021339659 (22) 09.09.2021
 (54) Robot navigation management between zones in an environment
 (51) Int. Cl.
G05D 1/02 (2020.01)
 (87) WO2022/056056
 (31) 17/017,801 (32) 11.09.20 (33) US
 (43) 17.03.2022
 (72) JAQUEZ, Luis; JOHNSON, Sean; JOHNSON, Michael Charles; ALCUTT, Andrew
 (74) Raven IP
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- (71) Locus Robotics Corp.
 (11) AU-A-2021339660
 (21) 2021339660 (22) 09.09.2021
 (54) Dynamic item putaway management using mobile robots
 (51) Int. Cl.
G06Q 10/08 (2012.01)
 (87) WO2022/056061
 (31) 17/017,766 (32) 11.09.20 (33) US
 (43) 17.03.2022
 (72) JOHNSON, Sean; JAQUEZ, Luis; JOHNSON, Michael Charles
 (74) Raven IP
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- (71) Locus Robotics Corp.
 (11) AU-A-2021341811
 (21) 2021341811 (22) 07.09.2021
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- (71) Presort system for executing robot-assisted putaway tasks
 (51) Int. Cl.
G06Q 10/00 (2012.01)
G06Q 10/08 (2012.01)
G06Q 50/28 (2012.01)
 (87) WO2022/055849
 (31) 17/017,833 (32) 11.09.20 (33) US
 (43) 17.03.2022
 (72) JOHNSON, Sean; JAQUEZ, Luis; JOHNSON, Michael Charles
 (74) Raven IP
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- (71) Locus Robotics Corp.
 (11) AU-A-2021341813
 (21) 2021341813 (22) 07.09.2021
 (54) Sequence adjustment for executing functions on items in an order
 (51) Int. Cl.
G06Q 10/00 (2012.01)
G06Q 10/06 (2012.01)
G06Q 10/08 (2012.01)
 (87) WO2022/055851
 (31) 17/017,758 (32) 11.09.20 (33) US
 (43) 17.03.2022
 (72) JOHNSON, Michael Charles; JOHNSON, Sean; FAULK, Rick
 (74) Raven IP
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- (71) LSI SOLUTIONS, INC.
 (11) AU-A-2021349934
 (21) 2021349934 (22) 24.09.2021
 (54) MINIMALLY INVASIVE OCCLUSION DEVICE AND METHODS THEREOF
 (51) Int. Cl.
A61B 17/12 (2006.01)
A61B 17/122 (2006.01)
A61B 17/128 (2006.01)
 (87) WO2022/066983
 (31) 17/030,568 (32) 24.09.20 (33) US
 (43) 31.03.2022
 (72) SAUER, Jude, S.
 (74) Halfords IP
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- (71) Lucca Ventures, Inc. DBA Voxsonix
 (11) AU-A-2021338366
 (21) 2021338366 (22) 03.09.2021
 (54) Modular communication device
 (51) Int. Cl.
A61M 16/06 (2006.01)
A61B 18/08 (2006.01)
 (87) WO2022/051580
 (31) 63/074,144 (32) 03.09.20 (33) US
 (43) 10.03.2022
 (72) RICCIO, Lucca; RICCIO, Michael; BRIERE, Daniel Dean; REPP, Timothy Corcoran
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) MARLIN AS
 (11) AU-A-2020472610
 (21) 2020472610 (22) 15.10.2020
 (54) PUMP WITH RING MOTOR
 (51) Int. Cl.
F04D 13/06 (2006.01)
F04D 29/18 (2006.01)
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- (87) WO2022/081016
 (43) 21.04.2022
 (72) ERIKSEN, Egil; DALE, John
 (74) Michael Buck IP
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- (71) MEDICANE RESEARCH & DEVELOPMENT LTD
 (11) AU-A-2021337234
 (21) 2021337234 (22) 05.09.2021
 (54) Composition comprising cannabinoids, and/or terpens, and methods of using same
 (51) Int. Cl.
A61K 31/352 (2006.01)
A61K 9/00 (2006.01)
A61K 31/573 (2006.01)
A61K 36/185 (2006.01)
A61P 11/02 (2006.01)
A61P 37/00 (2006.01)
 (87) WO2022/049581
 (31) 63/075,163 (32) 06.09.20 (33) US
 (43) 10.03.2022
 (72) LANGIER, Sheila; RIMMERMAN, Neta
 (74) Collison & Co
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- (71) Merck Sharp & Dohme LLC
 (11) AU-A-2021345096
 (21) 2021345096 (22) 15.09.2021
 (54) Dosing regimens of anti-ILT4 antibody or its combination with anti-PD-1 antibody for treating cancer
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
 (87) WO2022/060767
 (31) 63/079,976 (32) 17.09.20 (33) US
 (43) 24.03.2022
 (72) ABRAHAM, Anson A.; ALTURA, Rachel A.; WILSON, Douglas C.
 (74) Spruson & Ferguson
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- (71) Meso Scale Technologies, LLC
 (11) AU-A-2021338303
 (21) 2021338303 (22) 02.09.2021
 (54) Kits for detecting one or more target analytes in a sample and methods of making and using the same
 (51) Int. Cl.
C12Q 1/682 (2018.01)
 (87) WO2022/051485
 (31) 63/073,635 (32) 02.09.20 (33) US
 (43) 10.03.2022
 (72) KENTEN, John; NIKOLENKO, Galina; HARKINS, Seth B.; BREAK, Timothy J.
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Metal Drilling Pty Ltd
 (11) AU-A-2021327037
 (21) 2021327037 (22) 18.08.2021
 (54) Copper recovery method and apparatus
 (51) Int. Cl.
C22B 15/00 (2006.01)
F27B 9/00 (2006.01)
F27D 11/06 (2006.01)
F27D 11/12 (2006.01)
F27D 19/00 (2006.01)

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 (31) 2020902936 (32) 18.08.20 (33) AU
 (43) 24.02.2022
 (72) HALLETT, Michael
 (74) mdp Patent and Trade Mark Attorneys
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- (71) METSO OUTOTEC FINLAND OY
 (11) AU-A-2021347740
 (21) 2021347740 (22) 20.09.2021
 (54) SCREEN ATTACHMENT SYSTEM
 (51) Int. Cl.
 B02C 21/02 (2006.01)
 B07B 1/00 (2006.01)
 (87) WO2022/064102
 (31) 20205915 (32) 22.09.20 (33) FI
 (43) 31.03.2022
 (72) JUUTINEN, Tuomas
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71) Microwave Solutions GmbH
 (11) AU-A-2021346203
 (21) 2021346203 (22) 16.09.2021
 (54) Pyrolysis and depolymerization of tire material
 (51) Int. Cl.
 C10B 53/07 (2006.01)
 C08J 11/06 (2006.01)
 (87) WO2022/058455
 (31) 01184/20 (32) 18.09.20 (33) CH
 (43) 24.03.2022
 (72) STAPELA, Annelie; ROSSOUW, Mathys Johannes
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
-
- (71) Microwave Solutions GmbH
 (11) AU-A-2021346281
 (21) 2021346281 (22) 16.09.2021
 (54) Pyrolysis of carbon based material
 (51) Int. Cl.
 C10B 53/07 (2006.01)
 C08J 11/06 (2006.01)
 (87) WO2022/058457
 (31) 01182/20 (32) 18.09.20 (33) CH
 (43) 24.03.2022
 (72) STAPELA, Annelie; ROSSOUW, Mathys Johannes
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) Milwaukee Electric Tool Corporation
 (11) AU-A-2021339827
 (21) 2021339827 (22) 13.09.2021
 (54) Handle
 (51) Int. Cl.
 H01M 50/256 (2021.01)
 (87) WO2022/056364
 (31) 63/078,231 (32) 14.09.20 (33) US
 (43) 17.03.2022
 (72) SILHA, Wyatt, R.; MEYER, Zachary; MARX, John G.
 (74) Griffith Hack
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- (71) MiTek Holdings, Inc.
 (11) AU-A-2021343472
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- (71) Neste Oyj
 (11) AU-A-2021353043
 (21) 2021353043 (22) 29.09.2021
 (54) Method for producing renewable fuel
 (51) Int. Cl.
 C10G 3/00 (2006.01)
 C10G 45/02 (2006.01)
 C10G 65/04 (2006.01)
 (87) WO2022/069601
 (31) 20205953 (32) 30.09.20 (33) FI
 20205954 30.09.20 FI
 (43) 07.04.2022
 (72) SUNTIO, Ville; VISURI, Olli; LINDQVIST, Petri
 (74) Spruson & Ferguson
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 (11) AU-A-2021353986
 (21) 2021353986 (22) 29.09.2021
 (54) Method for producing renewable fuel
 (51) Int. Cl.
 C10G 3/00 (2006.01)
 C10G 45/02 (2006.01)
 C10G 65/04 (2006.01)
 (87) WO2022/069600
 (31) 20205953 (32) 30.09.20 (33) FI
 20205954 30.09.20 FI
 (43) 07.04.2022
 (72) SUNTIO, Ville; VISURI, Olli; LINDQVIST, Petri
 (74) Spruson & Ferguson
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- (71) MiTek Holdings, Inc.
 (11) AU-A-2021372448
 (21) 2021372448 (22) 26.10.2021
 (54) Floor system
 (51) Int. Cl.
 E04B 9/18 (2006.01)
 E04B 1/26 (2006.01)
 E04C 3/02 (2006.01)
 E04C 3/16 (2006.01)
 E04C 3/18 (2006.01)
 E04C 3/29 (2006.01)
 (87) WO2022/093834
 (31) 2051250-5 (32) 27.10.20 (33) SE
 (43) 05.05.2022
 (72) KARLSSON, Per Ove; ÅSBERG, Stefan; STARBY, Bo; KOSKI, Peter
 (74) Spruson & Ferguson
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- (71) MiTek Holdings, Inc.
 (11) AU-A-2021372448
 (21) 2021372448 (22) 26.10.2021
 (54) Floor system
 (51) Int. Cl.
 E04B 9/18 (2006.01)
 E04B 1/26 (2006.01)
 E04C 3/02 (2006.01)
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 E04C 3/29 (2006.01)
 (87) WO2022/093834
 (31) 2051250-5 (32) 27.10.20 (33) SE
 (43) 05.05.2022
 (72) KARLSSON, Per Ove; ÅSBERG, Stefan; STARBY, Bo; KOSKI, Peter
 (74) Spruson & Ferguson
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- (71) Mondi AG
 (11) AU-A-2021345372
 (21) 2021345372 (22) 15.09.2021
 (54) Pallet outer packaging paper
 (51) Int. Cl.
 D21H 15/02 (2006.01)
 D21H 17/28 (2006.01)
 D21H 21/18 (2006.01)
 D21H 27/02 (2006.01)
 D21H 27/10 (2006.01)
 (87) WO2022/056567
 (31) A50785/2020 (32) 16.09.20 (33) AT
 (43) 24.03.2022
 (72) BERGLUND, Lars Göran; SCHWAI-GER, Elisabeth
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Neste Oyj
 (11) AU-A-2021353043
 (21) 2021353043 (22) 29.09.2021
 (54) Method for producing renewable fuel
 (51) Int. Cl.
 C10G 3/00 (2006.01)
 C10G 45/02 (2006.01)
 C10G 65/04 (2006.01)
 (87) WO2022/069601
 (31) 20205953 (32) 30.09.20 (33) FI
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 (43) 07.04.2022
 (72) SUNTIO, Ville; VISURI, Olli; LINDQVIST, Petri
 (74) Spruson & Ferguson
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- (71) Netflix, Inc.
 (11) AU-A-2021343451
 (21) 2021343451 (22) 15.09.2021
 (54) Configurable access-based cache policy control
 (51) Int. Cl.
 H04L 67/568 (2022.01)
 (87) WO2022/060862
 (31) 17/023,261 (32) 16.09.20 (33) US
 (43) 24.03.2022
 (72) NEWTON, Christopher
 (74) FPA Patent Attorneys Pty Ltd
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- (71) NEWAVE PHARMACEUTICAL INC.; GUANGZHOU LUPENG PHARMACEUTICAL COMPANY LTD.
 (11) AU-A-2021326530
 (21) 2021326530 (22) 13.08.2021
 (54) DOSAGE FORM COMPOSITIONS COMPRISING AN INHIBITOR OF BTK AND MUTANTS THEREOF
 (51) Int. Cl.
 A61K 31/4985 (2006.01)
 A61P 35/00 (2006.01)
 C07D 487/04 (2006.01)
 C07D 495/04 (2006.01)
 (87) WO2022/036171
 (31) 63/066,105 (32) 14.08.20 (33) US
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 (43) 17.02.2022
 (72) CHEN, Yi
 (74) FB Rice Pty Ltd
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- (71) NGUYEN, N.H.
 (11) AU-A-2021333870
 (21) 2021333870 (22) 24.08.2021
 (54) CLAMPING DEVICE FOR LIFTING AND TRANSFER OBJECTS
 (51) Int. Cl.
 B66C 1/44 (2006.01)
 B66C 1/66 (2006.01)
 (87) WO2022/043876
 (31) 63/069,276 (32) 24.08.20 (33) US
 (43) 03.03.2022
 (72) NGUYEN, Nhon Hoa
 (74) Admiral Trademarks & Patents Services
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- (71) Niacet Corporation
 (11) AU-A-2021343253

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 (54) Direct conversion of esters to carboxylates
 (51) Int. Cl.
C07C 53/122 (2006.01)
C07C 53/10 (2006.01)
C07C 53/124 (2006.01)
 (87) WO2022/058401
 (31) 63/079,683 (32) 17.09.20 (33) US
 (43) 24.03.2022
 (72) BRANNEN, Kelly A.; HARRIGAN, David J.; TUNKS, Donal S.; SOJKA, Stanley A.
 (74) WRAYS PTY LTD
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- (71) Nippon Telegraph and Telephone Corporation
 (11) AU-A-2020468530
 (21) 2020468530 (22) 18.09.2020
 (54) Assessment device, assessment method, and assessment program
 (51) Int. Cl.
G06N 20/00 (2019.01)
 (87) WO2022/059207
 (43) 24.03.2022
 (72) YAMANAKA, Yuki; FUJIKI, Naoto; SHINOHARA, Masanori
 (74) Davies Collison Cave Pty Ltd
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- (71) Nokia Technologies Oy
 (11) AU-A-2021266391
 (21) 2021266391 (22) 05.05.2021
 (54) Method of providing access for reduced capability devices, user equipment, and base station thereof
 (51) Int. Cl.
H04W 48/12 (2009.01)
 (87) WO2021/224318
 (31) 63/021,819 (32) 08.05.20 (33) US
 (43) 11.11.2021
 (72) KOSKINEN, Jussi-Pekka; TURPINEN, Samuli Heikki; KAIKKONEN, Jorma Johannes
 (74) Spruson & Ferguson
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- (71) Nokia Technologies Oy
 (11) AU-A-2021270820
 (21) 2021270820 (22) 06.05.2021
 (54) Selection mechanism and use of multiple UL transmission schemes
 (51) Int. Cl.
H04W 72/04 (2009.01)
H04W 74/08 (2009.01)
 (87) WO2021/228676
 (31) 63/023,326 (32) 12.05.20 (33) US
 (43) 18.11.2021
 (72) KOSKINEN, Jussi-Pekka; TURPINEN, Samuli Heikki
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- (71) Novartis AG
 (11) AU-A-2021329404
 (21) 2021329404 (22) 20.08.2021
 (54) Compositions and methods for in vivo generation of car expressing cells
 (51) Int. Cl.
A61K 39/00 (2006.01)
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A61K 38/18 (2006.01)
A61K 47/59 (2017.01)
A61K 47/61 (2017.01)
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A61P 35/00 (2006.01)
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A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
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A23C 9/13 (2006.01)
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C07K 14/47 (2006.01)
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A23L 2/38 (2021.01)
A23L 2/52 (2006.01)
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F02C 1/04 (2006.01)
F02G 1/04 (2006.01)
F02K 7/08 (2006.01)
F25B 9/06 (2006.01)
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B60L 50/60 (2019.01)
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C01B 3/00 (2006.01)
C07C 209/50 (2006.01)
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 (54) FIBER ASSISTED RE-CROSSLINKABLE POLYMER GEL AND PREFORMED PARTICLE GELS FOR FLUID LOSS AND CONFORMANCE CONTROL
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C09K 8/42 (2006.01)
C08J 3/075 (2006.01)
C08J 5/04 (2006.01)
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G09F 23/00 (2006.01)
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A61P 3/00 (2006.01)
A61P 3/08 (2006.01)
A61P 3/10 (2006.01)
G01N 33/50 (2006.01)
G01N 33/68 (2006.01)
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A61K 31/47 (2006.01)
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C07D 215/16 (2006.01)
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A61K 31/4439 (2006.01)
A61K 47/34 (2017.01)
A61P 35/00 (2006.01)
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A61K 48/00 (2006.01)
A61P 25/00 (2006.01)
C12N 15/86 (2006.01)
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H02P 13/12 (2006.01)
G05F 5/00 (2006.01)
H02M 1/12 (2006.01)
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B60L 50/70 (2019.01)
B64D 27/00 (2006.01)
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 (51) Int. Cl.
A61K 35/28 (2015.01)
A61K 38/39 (2006.01)
A61P 17/02 (2006.01)
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C11C 3/08 (2006.01)
A23D 7/00 (2006.01)
A23D 7/015 (2006.01)

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C07B 37/10 (2006.01)
A61K 39/00 (2006.01)
A61K 39/02 (2006.01)
A61K 39/09 (2006.01)
A61K 39/385 (2006.01)
A61K 47/61 (2017.01)
A61K 47/62 (2017.01)
A61K 47/64 (2017.01)
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C07K 1/107 (2006.01)
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C08B 37/00 (2006.01)
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 (54) Ampule crush tool
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A61M 35/00 (2006.01)
B67B 7/92 (2006.01)
A61J 1/06 (2006.01)
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G06Q 30/02 (2023.01)
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C11D 3/39 (2006.01)
C11D 3/22 (2006.01)
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C11D 11/00 (2006.01)
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E05B 47/00 (2006.01)
G05B 19/048 (2006.01)
H04W 88/16 (2009.01)
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 35/04 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
C12N 5/00 (2006.01)
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 (54) Systems, devices and methods for treating lung tumors with a robotically delivered catheter
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A61B 18/14 (2006.01)
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 (51) Int. Cl.

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G06Q 50/16 (2012.01)**G06F 16/215** (2019.01)**G06F 16/9035** (2019.01)**G06F 16/909** (2019.01)**G06F 16/951** (2019.01)**G06F 17/18** (2006.01)**G06Q 10/10** (2023.01)**G06Q 30/02** (2023.01)**(87)** WO2022/047011**(31)** 63/070,420 **(32)** 26.08.20 **(33)** US

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(43) 03.03.2022**(72)** FAGNAN, David; GILL, Emily; WELCH, Evan; ANDERSON, Jamie; MEYER, Jordan; BURDEN, Angela; FIX, Matthew; ZHAO, Sinan; MARTIN, Andrew**(74)** Spruson & Ferguson**(71)** Ziropa, Inc.; Waugh, J.**(11)** AU-A-2021462201**(21)** 2021462201 **(22)** 10.08.2021**(54)** Compositions and methods for topical delivery**(51)** Int. Cl.**A61K 9/14** (2006.01)**A61K 45/08** (2006.01)**A61K 47/00** (2006.01)**(87)** WO2023/048748**(31)** 63/063,766 **(32)** 10.08.20 **(33)** US**(43)** 30.03.2023**(72)** WAUGH, Jacob**(74)** FPA Patent Attorneys Pty Ltd**(71)** Zoll Medical Corporation**(11)** AU-A-2021358731**(21)** 2021358731 **(22)** 05.10.2021**(54)** Respiratory distress management apparatus, system and method**(51)** Int. Cl.**G16H 20/40** (2018.01)**A61M 16/00** (2006.01)**G16H 40/63** (2018.01)**(87)** WO2022/076407**(31)** 63/198,234 **(32)** 05.10.20 **(33)** US

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(43) 14.04.2022**(72)** BECK, George; HARVEY, Brian P; EIZADKHAH, Denise R; LECROY, Dorian; FREEMAN, Gary**(74)** Spruson & Ferguson**(71)** ZTE CORPORATION**(11)** AU-A-2021356421**(21)** 2021356421 **(22)** 13.07.2021**(54)** INFORMATION FEEDBACK METHOD AND APPARATUS, INFORMATION RECEIVING METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM**(51)** Int. Cl.**H04W 24/10** (2009.01)**(87)** WO2022/073369**(31)** 202011078401.0 **(32)** 10.10.20 **(33)** CN**(43)** 14.04.2022**(72)** WANG, Xiyu; LU, Zhaohua; GAO, Bo; HU, Liujun**(74)** Pizeys Patent and Trade Mark Attorneys Pty Ltd

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F01K 23/10 (2006.01)
F02C 3/28 (2006.01)
F02C 3/34 (2006.01)
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F42C 19/12 (2006.01)
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C07H 1/00 (2006.01)
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C07H 21/04 (2006.01)
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A61K 31/713 (2006.01)
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C04B 24/00 (2006.01)
C04B 28/10 (2006.01)
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H01L 23/373 (2006.01)
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A61P 35/00 (2006.01)
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A63B 57/00 (2015.01)
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A61N 1/05 (2006.01)
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B67C 9/00 (2006.01)
B67D 3/00 (2006.01)
B67D 7/04 (2010.01)
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E02F 9/26 (2006.01)
G05D 1/02 (2006.01)
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F23N 5/20 (2006.01)
F24B 1/02 (2006.01)
F24B 1/187 (2006.01)
F24C 3/12 (2006.01)

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C08F 210/16 (2006.01)
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H04W 24/08 (2009.01)
H04B 17/336 (2015.01)
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A01N 1/02 (2006.01)
C12N 5/0775 (2010.01)
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C07K 7/00 (2006.01)
C07H 21/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/00 (2006.01)
C07K 17/00 (2006.01)
G01N 33/53 (2006.01)
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B60L 1/02 (2006.01)
B61C 7/04 (2006.01)
B61C 17/02 (2006.01)
B61C 17/12 (2006.01)
F02D 19/06 (2006.01)
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A61P 35/00 (2006.01)
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G08C 17/02 (2006.01)
B60L 1/00 (2006.01)
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B32B 27/00 (2006.01)
B29C 59/02 (2006.01)
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C07D 207/24 (2006.01)
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B01D 65/02 (2006.01)
B09C 1/02 (2006.01)
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B64C 39/00 (2006.01)
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B65D 65/46 (2006.01)
C08L 67/03 (2006.01)
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C12N 5/0783 (2010.01)

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C12N 15/09 (2006.01)

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H04W 88/02 (2009.01)

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G05B 11/32 (2006.01)
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2017370549	CNGmotive Inc.	2019218476	MATISA Materiel Industriel SA
2017371231	Somfy Activites SA	2019222583	BNNT, LLC
2017371714	Kinephonics IP Pty Limited	2019228527	Edwards Lifesciences Corporation
2017374075	Veisto Oy	2019233633	Omega Energy Systems, LLC
2017375409	Donaldson Company, Inc.	2019235368	Schunk Transit Systems GmbH
2017375886	Société des Produits Nestlé S.A.	2019236841	Huawei Technologies Co., Ltd.
2017377010	FLSmith A/S	2019240769	Breville Pty Limited
2017379366	Monash University		

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2019245349	Northstar Medical Radioisotopes LLC	2020326641	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.
2019251096	Eisai R&D Management Co., Ltd.	2020327892	Lantech.com, LLC
2019262990	Zodiac Pool Care Europe	2020334786	Warby Parker Inc.
2019263741	Chevron U.S.A. Inc.	2020334965	Dallmeier Electronic GmbH & Co. KG
2019272608	NantKwest, Inc.	2020343519	Overair S.R.L.
2019276357	Yatzz Limited	2020343788	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Ji-angsu Yangnong Chemical Co., Ltd.
2019279969	RAEEN, B.	2020348209	Luminex Corporation
2019284795	Electrolux Appliances Aktiebolag	2020348730	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
2019303651	Panasonic Intellectual Property Corporation of America	2020360000	Kainos Medicine, Inc.
2019308493	Huawei Technologies Co., Ltd.	2020362928	Amadeus S.A.S.
2019335193	Yield10 Bioscience, Inc.	2020364511	KL Building Resources Sdn. Bhd.
2019335454	Huawei Technologies Co., Ltd.	2020368900	S. C. Johnson & Son, Inc.
2019341538	Citospin, S.L.; Universidad de Valladolid	2020386847	Bit Discovery, Inc.
2019351641	Vinventions USA, LLC	2020389130	Lineage Logistics, LLC
2019352426	LG Electronics Inc.	2020394561	Biowair Total Systems, S.L.
2019355673	LG Electronics Inc.	2020399417	LG Electronics Inc.
2019355698	LG Electronics Inc.	2020405482	ShenZhen Rhegen Biotechnology Co., Ltd.
2019361359	Suven Life Sciences Limited	2020449439	Shenzhen Greenjoy Technology Co., Ltd.
2019373240	Gilead Sciences, Inc.	2021200060	Agios Pharmaceuticals, Inc.
2019382854	NEC Corporation	2021200171	Totes Isotoner Corporation
2019383717	Sentec Ltd	2021200363	Abiomed, Inc.
2019387477	Schlage Lock Company LLC	2021200399	City of Hope
2019403411	Bushnell Inc.	2021200688	Oxidien Pharmaceuticals, LLC
2019412448	Dr. Rolf Lambert Pharma-Consulting GmbH	2021200924	Telefonaktiebolaget LM Ericsson (PUBL)
2019415665	LG Electronics Inc.	2021200980	Translate Bio, Inc.; Massachusetts Institute of Technology
2019439711	Chen, W.	2021201026	Agrivida, Inc.
2019444375	Jiangxi Caishi Pharmaceutical Technology Co., Ltd.	2021201087	LG ELECTRONICS INC.
2019445954	Halliburton Energy Services, Inc.	2021201263	DANISCO US INC.
2019455635	Nippon Telegraph and Telephone Corporation	2021201579	Xactware Solutions, Inc.
2019462206	Micro Motion, Inc.	2021201926	Depuy Ireland Unlimited Company
2019464433	Nippon Telegraph and Telephone Corporation	2021202269	Oren Technologies, LLC
2019465533	Micro Motion, Inc.	2021202273	IdentiFlight International, LLC
2019474273	Biocorp Production S.A.	2021202430	Westire Technology Limited
2020201760	FluGen, Inc.	2021202477	Bind-X GmbH
2020202573	Novo Nordisk A/S	2021202854	LG Electronics Inc.
2020203365	Seagen Inc.	2021202978	Telefonaktiebolaget LM Ericsson (publ)
2020203537	VRM International Pty Ltd	2021203380	Baxter Corporation Englewood
2020211581	Ranpak Corp.	2021203484	Dolby International AB
2020216277	ExxonMobil Technology and Engineering Company	2021203624	Vermeer Manufacturing Company
2020223007	Telefonaktiebolaget LM Ericsson (publ)	2021203660	The Coca-Cola Company
2020223370	Metagenomi, Inc.	2021203933	LG Electronics Inc.
2020227014	Memorial Sloan-Kettering Cancer Center; Evive Biotechnology (Shanghai) Ltd	2021203966	Deere & Company
2020230309	MedImmune Limited	2021204054	The Regents of the University of California
2020231934	GlaxoSmithKline Intellectual Property (No.2) Limited; ViiV Healthcare Company	2021204239	Harris Research, Inc.
2020234097	University of the Witwatersrand, Johannesburg; Johannes Gutenberg University	2021204691	Medizinische Universität Innsbruck
2020239750	Mindera Corporation; The Scripps Research Institute	2021204968	NuVasive Specialized Orthopedics, Inc.
2020244533	Emory University; Children's Healthcare of Atlanta, Inc.	2021206823	NuVasive Specialized Orthopedics, Inc.
2020244576	Martin, I.	2021207540	Hill, J.
2020244585	Life Technologies AS	2021209146	Crown Equipment Corporation
2020245350	Gilead Sciences, Inc.	2021209149	Gilead Apollo, LLC
2020245606	Nbot Systems LLC	2021209288	Dexcom, Inc.
2020251379	Dai Nippon Printing Co., Ltd.	2021212104	Alcon Inc.
2020259249	Apple Inc.	2021215143	Smile Fast Ltd
2020261408	LSI Solutions, Inc.	2021216616	The Chinese University of Hong Kong
2020266898	Xinjiang Goldwind Science & Technology Co., Ltd.	2021218094	Intervet International B.V.
2020266966	BSH Hausgeräte GmbH	2021219571	Telefonaktiebolaget LM Ericsson (publ)
2020272424	LG Electronics Inc.	2021219955	Fronius International GmbH
2020273103	LG Electronics Inc.	2021225136	George Androustos
2020273506	Unilever IP Holdings B.V.	2021225216	Case Western Reserve University
2020273972	Howmedica Osteonics Corp.	2021232787	BEYOND AIR LTD
2020275069	Unilever IP Holdings B.V.	2021232791	Inspire Medical Systems, Inc.
2020279821	Metrotech Corporation	2021236469	Nextracker LLC
2020282922	Samsung Electronics Co., Ltd.	2021240126	Mayo Foundation for Medical Education and Research
2020283880	Q2 Software, Inc.	2021253779	International Business Machines Corporation
2020284469	PlanBlue GmbH	2021258024	Angel Group Co., Ltd.
2020287769	iXs Co., Ltd.	2021266221	Decibullz LLC
2020296878	Kite Pharma, Inc.	2021266283	Sony Corporation
2020320245	LG Electronics Inc.	2021270526	Research Institute at Nationwide Children's Hospital
2020323953	Remacro Technology Co., Ltd.		

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2021270731	Motorola Solutions, Inc.
2021286367	The NOCO Company
2021290321	Rite-Hite Holding Corporation
2021307464	Chevron Phillips Chemical Company LP
2021319371	Scott Airway Management Pty Ltd.
2021330320	Intuit Inc.
2021342842	Bourke, J.
2021345042	ELC Management LLC
2021355605	SPORTS-NET Co., Ltd.
2021414579	Shandong Chambroad Holding Group Co., Ltd.; Shan- dong Chambroad Equipment Manufacture Installation Co., Ltd.
2022200103	PhysiOL S.A.
2022200538	Ricoh Company, Ltd.
2022200846	Gavrieli Brands, LLC
2022201846	Zhongshan TLC Electronics Co., Ltd.
2022201859	FCX Solar LLC
2022202260	Stryker Corporation
2022203396	METROMAX AMERICA CORPORATION
2022203636	Intuit Inc.
2022203638	Intuit Inc.
2022211811	Rolapal Limited
2022246369	Lashify, Inc.
2022279431	B3 CORP PTY LTD
2023200785	Amarin Pharmaceuticals Ireland Limited
2023200838	Aurora Operations, Inc.
2023201551	Apple Inc.

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2021203966	2016415011	2020399417	2016363114	<u>A61K 47 /-</u>	<u>A61P 1 /-</u>
<u>A01D 46 /-</u>	<u>A43B 13 /-</u>	<u>A61B 1 /-</u>	2017288331	2016318114	2016312870
2017311695	2021200171	2021319371	2017302660	2017336250	<u>A61P 17 /-</u>
2017311696	2022200846	<u>A61B 10 /-</u>	2017364964	2017357961	2020234097
<u>A01F 12 /-</u>	<u>A43B 3 /-</u>	2018231811	2018205285	2018223980	<u>A61P 19 /-</u>
2021203966	2017267419	<u>A61B 17 /-</u>	2018285927	2019205329	2017336250
<u>A01H 5 /-</u>	2022200846	2020261408	2018366270	2020405482	<u>A61P 21 /-</u>
2017232723	<u>A43B 9 /-</u>	2020273972	2018369787	2023200785	201270526
2019335193	2021200171	2021200363	2018386222	<u>A61K 48 /-</u>	<u>A61P 25 /-</u>
<u>A01K 67 /-</u>	2022200846	2021201926	2018392816	2020405482	2017364964
2017289879	<u>A44C 21 /-</u>	2021204968	2019205329	2021200980	2019361359
<u>A01M 1 /-</u>	2021258024	2021206823	2019251096	2021204054	<u>A61P 27 /-</u>
2020368900	<u>A45C 9 /-</u>	2022202260	2019361359	2021207540	2021207540
<u>A01N 1 /-</u>	2018239457	<u>A61B 18 /-</u>	2019373240	<u>A61K 8 /-</u>	2017364964
2019341538	<u>A45D 26 /-</u>	2021240126	2019444375	2019439711	2019205329
<u>A01N 43 /-</u>	2022246369	2022201846	2020231934	<u>A61K 9 /-</u>	2019361359
2020343788	<u>A47C 17 /-</u>	<u>A61B 34 /-</u>	2020234097	2016369519	<u>A61P 29 /-</u>
<u>A23L 2 /-</u>	2020323953	2020273972	2020245350	2017334289	2017364964
2021200688	<u>A47C 27 /-</u>	<u>A61B 5 /-</u>	2020360000	2017334290	2019373240
<u>A23L 29 /-</u>	2022211811	2021209288	2021200060	2017357961	<u>A61P 3 /-</u>
2021200688	<u>A47C 7 /-</u>	2021232791	2021209149	2018223980	2020202573
<u>A23L 33 /-</u>	2017354745	<u>A61B 90 /-</u>	2023200785	2018285927	2021209149
2019439711	<u>A47G 1 /-</u>	2020273972	<u>A61K 35 /-</u>	2019205329	<u>A61P 31 /-</u>
2021200688	2018210691	<u>A61C 13 /-</u>	2016312870	2019412448	2017206051
<u>A23N 5 /-</u>	<u>A47J 27 /-</u>	2021215143	2016318114	<u>A61L 2 /-</u>	2018386222
2018322439	2019240769	<u>A61C 5 /-</u>	2016369519	2018200617	2019444375
<u>A23N 7 /-</u>	<u>A47J 31 /-</u>	2021215143	2017206051	<u>A61L 9 /-</u>	2020231934
2018322439	2017269407	<u>A61F 2 /-</u>	2017289879	2020394561	2020245350
<u>A24B 15 /-</u>	2017333872	2017386549	2018270156	<u>A61M 16 /-</u>	<u>A61P 35 /-</u>
2019276357	<u>A47J 36 /-</u>	2019228527	2019272608	2017386549	2016363114
<u>A41G 5 /-</u>	2019240769	2022200103	2020296878	2021200363	2016369519
2022246369	<u>A47J 43 /-</u>	<u>A61F 9 /-</u>	2021200688	<u>A61M 25 /-</u>	2017302660
<u>A42B 1 /-</u>	2017375886	2017397834	2021204691	2018241246	2017364964
2016415011	<u>A47L 11 /-</u>	2021212104	<u>A61K 39 /-</u>	2021232787	2018270156
<u>A42B 3 /-</u>	2020320245	<u>A61J 1 /-</u>	2016318097	2021319371	2018366270
2017267419	<u>A47L 5 /-</u>	2018210831	2016363114	<u>A61M 37 /-</u>	2018386222
2021355605	2020399417	<u>A61J 3 /-</u>	2016369519	2020239750	2018392816
		2021203380	2017206051	<u>A61M 39 /-</u>	2019251096
		<u>A61J 7 /-</u>	2017289879	2018210831	2020230309
		2021203380	2018325899	2021200363	2020360000
			2018337686	<u>A61M 5 /-</u>	<u>A61P 37 /-</u>
			2020201760	2017259085	2016363114
			2020203365	2018231107	2017364964
			2020230309	2019474273	2020360000
			2020244533	2021200363	<u>A61P 43 /-</u>
			2021218094	<u>A61N 1 /-</u>	2017336250
			<u>A61K 45 /-</u>		
			2016318097		
			2020227014		

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2017336250 2020202573	<u>B02C 17 /-</u>	2020251379	<u>B64F 1 /-</u>	2019222583	<u>C07D 403 /-</u>
<u>A61P 7 /-</u>	2017377010	<u>B41J 3 /-</u>	2017258810	<u>C02F 1 /-</u>	2020360000
2017336250	<u>B07B 4 /-</u>	2019351641	<u>B65B 1 /-</u>	2017388564 2018210292 2019245349	<u>C07D 405 /-</u>
<u>A61P 9 /-</u>	2021202269	<u>B60L 1 /-</u>	2021202269	<u>C04B 24 /-</u>	2019373240
2016318097 2018369787	<u>B07B 7 /-</u>	2017370549 2021209146	<u>B65B 11 /-</u>	<u>C04B 24 /-</u>	<u>C07D 407 /-</u>
<u>A61Q 1 /-</u>	2021202269	<u>B60L 5 /-</u>	2020327892	2021202477	2019251096
2021207540	<u>B08B 15 /-</u>	2019235368	<u>B65B 57 /-</u>	<u>C04B 28 /-</u>	<u>C07D 409 /-</u>
<u>A61Q 19 /-</u>	2021202269	<u>B60L 53 /-</u>	2020327892	2021202477	2019373240
2019439711	<u>B08B 5 /-</u>	2019235368	<u>B65D 43 /-</u>	<u>C05F 11 /-</u>	<u>C07D 413 /-</u>
<u>A61Q 3 /-</u>	2018246785	<u>B60M 1 /-</u>	2021345042	2020203537	2019373240 2020360000
2018223980	<u>B09C 1 /-</u>	2019235368	<u>B65D 51 /-</u>	<u>C05F 17 /-</u>	<u>C07D 417 /-</u>
<u>A63B 21 /-</u>	2018210292 2020203537	<u>B60N 2 /-</u>	2021345042	2020203537	2018392816 2019373240
2018340863 2019214909	<u>B23Q 17 /-</u>	2017354745	<u>B65D 65 /-</u>	<u>C05G 5 /-</u>	<u>C07D 471 /-</u>
<u>A63B 57 /-</u>	2017374075	<u>B61C 17 /-</u>	2021203660	2020203537	2018392816 2019373240 2020245350
2019403411	<u>B25B 9 /-</u>	2017370549	<u>B65D 77 /-</u>	<u>C07C 11 /-</u>	<u>C07D 475 /-</u>
<u>B01D 19 /-</u>	2022246369	<u>B61C 7 /-</u>	2017323233	2018333572	2019373240 2020245350
2017388564	<u>B25J 11 /-</u>	2017370549	<u>B65D 81 /-</u>	<u>C07C 5 /-</u>	<u>C07D 491 /-</u>
<u>B01D 24 /-</u>	2020320245	<u>B61L 15 /-</u>	2017281845 2021345042	2018333572	2018392816 2019373240 2020245350
2018210292	<u>B25J 9 /-</u>	2019218476	<u>B65G 13 /-</u>	<u>C07C 7 /-</u>	<u>C07D 495 /-</u>
<u>B01D 45 /-</u>	2020320245	<u>B61L 23 /-</u>	2017258810	2018333572	2018392816 2019373240 2020245350
2021202269	<u>B27B 31 /-</u>	2019218476	<u>B65G 19 /-</u>	<u>C07D 207 /-</u>	<u>C07D 499 /-</u>
<u>B01D 46 /-</u>	2017374075	<u>B62D 13 /-</u>	2017258810	2018392816	2021209149
2017375409 2018225103	<u>B27B 5 /-</u>	2017353749	<u>B65G 3 /-</u>	<u>C07D 213 /-</u>	<u>C07D 498 /-</u>
<u>B01D 53 /-</u>	2017390000	<u>B63B 17 /-</u>	2021202269	2018366270 2018392816	2018392816 2019444375
2020216277	<u>B28B 7 /-</u>	2017313626	<u>B65G 67 /-</u>	<u>C07D 215 /-</u>	<u>C07D 515 /-</u>
<u>B01D 61 /-</u>	2020343519	<u>B63B 27 /-</u>	2017258810	2019373240 2021200060	2018392816
2017379366 2018210292	<u>B29C 33 /-</u>	2017313626	<u>B65G 69 /-</u>	<u>C07D 251 /-</u>	2018392816
<u>B01D 65 /-</u>	2021266221	<u>B63B 35 /-</u>	2021202269	2020234097	<u>C07D 519 /-</u>
2018210292	<u>B29C 43 /-</u>	2018210292	<u>B65H 54 /-</u>	<u>C07D 309 /-</u>	2018392816
<u>B01D 69 /-</u>	2021266221	<u>B64C 1 /-</u>	2020211581	2020234097	<u>C07F 5 /-</u>
2020251379	<u>B29C 59 /-</u>	2017258810	<u>B67C 9 /-</u>	<u>C07D 313 /-</u>	2018369787 2018392816
2017379366	2020251379	<u>B64C 39 /-</u>	2017281845	2019251096	<u>C07H 1 /-</u>
<u>B01F 23 /-</u>	2020211581	<u>B31D 5 /-</u>	2017311696 2018222879	<u>C07D 317 /-</u>	2018338781
2020245606 2021203624	<u>B32B 27 /-</u>	<u>B64C 99 /-</u>	2017281845	2018285927 2020343788	<u>C07H 19 /-</u>
<u>B02B 3 /-</u>	2020251379	<u>B64D 11 /-</u>	2017281845 2020244576	<u>C07D 401 /-</u>	2020231934

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2018338781	2019222583		2020273103		
2018386222		<u>C12N 9 /-</u>	2021202854	2019387477	<u>F02D 19 /-</u>
2021200399	<u>C09K 8 /-</u>	2018255266		<u>E05D 11 /-</u>	2017370549
	2017413976	2020223370	<u>D06F 39 /-</u>		
<u>C07K 1 /-</u>		2021200688	2020272424	2018262244	<u>F02N 11 /-</u>
2020227014	<u>C10G 1 /-</u>	2021201026	2020273103	2021203933	
	2018246974	2021201263	2021201087	<u>E05D 7 /-</u>	2021286367
<u>C07K 14 /-</u>			2021202854		
2017232723	<u>C10G 17 /-</u>	<u>C12P 19 /-</u>	<u>D21C 1 /-</u>	2018262244	<u>F04B 47 /-</u>
2018270156	2018246974	2018255266		<u>E05F 1 /-</u>	2021225136
2018325899		2018379384	2018379384		<u>F04B 49 /-</u>
2018337686	<u>C10G 31 /-</u>			2018262244	2021225136
2019272608	2018246974	<u>C12P 3 /-</u>	<u>D21C 3 /-</u>		
2019335193		2021202477	2018379384	<u>E06B 9 /-</u>	<u>F04D 13 /-</u>
2020227014	<u>C10J 3 /-</u>	<u>C12P 7 /-</u>	<u>D21H 11 /-</u>	2017371231	2021225136
2020296878	2017356668	2021201263	2018379384	<u>E21B 33 /-</u>	<u>F04D 15 /-</u>
2021200399				2017306653	2021225136
2021201026	<u>C11D 11 /-</u>	<u>C12Q 1 /-</u>	<u>D21H 17 /-</u>	<u>E21B 34 /-</u>	<u>F04D 17 /-</u>
2021204054	2021204239	2017211236	2018379384	2017436084	2021290321
2021270526		2017254347		<u>E21B 43 /-</u>	<u>F16B 5 /-</u>
	<u>C11D 17 /-</u>	2017285351	<u>E01B 29 /-</u>		2017371231
<u>C07K 16 /-</u>	2021204239	2017288331	2020343519	2017436084	<u>F16C 11 /-</u>
2017285351		2017297781	<u>E02D 17 /-</u>	<u>E21B 49 /-</u>	2017292913
2019272608	<u>C11D 3 /-</u>	2017309821	2021414579	2019445954	<u>F16D 1 /-</u>
2020230309	2021204239	2017318669	<u>E02D 29 /-</u>		2019415665
2021200399		2017366813	2022279431	<u>E21B 7 /-</u>	<u>F16L 1 /-</u>
2021204054	<u>C12N 1 /-</u>	2018255266		2017301983	<u>F16L 11 /-</u>
2021218094	2016312870	2018338781	<u>E02F 3 /-</u>	<u>E21C 37 /-</u>	2017306653
	2017206051	2021216616	2017301983	2017320337	<u>F16L 15 /-</u>
<u>C07K 17 /-</u>		<u>C12R 1 /-</u>	<u>E02F 9 /-</u>		<u>F16L 17 /-</u>
2021200399	<u>C12N 15 /-</u>	2016312870	2017301983	<u>E21C 41 /-</u>	<u>F16L 37 /-</u>
	2017212500	<u>C22B 11 /-</u>	2017382930	2020364511	<u>F16M 13 /-</u>
<u>C07K 5 /-</u>	2017232723	2017354754		<u>E21D 11 /-</u>	2017320337
2020405482	2017249365		<u>E02F 9 /-</u>	2017390056	<u>F16L 17 /-</u>
	2017249663	<u>C22B 26 /-</u>	2017301983	<u>E21F 16 /-</u>	2017273138
<u>C07K 7 /-</u>	2017266932	2017353194	2017382930		<u>F16L 37 /-</u>
2021200399	2017285351	<u>C22B 3 /-</u>	<u>E03C 1 /-</u>	<u>F01K 13 /-</u>	2017320337
2021204691	2017288331	2017354754	2017411393	2017356668	<u>F16M 13 /-</u>
	2017364964		<u>E04B 1 /-</u>		2018210691
<u>C08F 210 /-</u>	2018270156	<u>C22B 5 /-</u>	2017203921	<u>F01K 23 /-</u>	2021236469
2021307464	2018325899	2017385010	<u>E04C 2 /-</u>	2017356668	<u>F17C 1 /-</u>
	2019335193	<u>C22B 7 /-</u>	2017203921	<u>F01M 1 /-</u>	2021414579
<u>C08G 63 /-</u>	2020201760	2017353194	<u>E04C 2 /-</u>	2016266104	<u>F17C 13 /-</u>
2021203660	2020223370		2017203921	<u>F02C 3 /-</u>	2021414579
	2020244533	<u>C22B 7 /-</u>	<u>E04F 13 /-</u>		<u>F21K 99 /-</u>
<u>C08L 101 /-</u>	2020405482	2017353194	2020251379	2017356668	2018375417
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<u>C08L 67 /-</u>	2021207540		<u>E04G 21 /-</u>		
2021203660	2021270526	<u>D01F 6 /-</u>	2017272254	<u>F02C 3 /-</u>	
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<u>C09D 123 /-</u>	<u>C12N 5 /-</u>	<u>D06F 33 /-</u>			
2019204492	2017232723	2020273103	<u>E04H 4 /-</u>		
	2017289879				
<u>C09D 5 /-</u>	2018270156				
2019204492	2019272608				
	2019341538				
<u>C09K 3 /-</u>	2020244585				
2021202477	2021204054				

Applications Accepted - IPC Index cont'd

F21S 2 /-	2020216277	G01C 3 /-	2020279821	G06F 21 /-	G08B 15 /-
2018323003	F25C 1 /-	2019403411	G01R 31 /-	2019455635	2021202273
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2018375417	2019355698	G01F 23 /-	G01S 17 /-	2021200924	2018323003
F21S 8 /-	F25C 5 /-	G01F 23 /-	2023200838	2021253779	
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F21S 9 /-	2019355698	2020284469	G01V 1 /-	2020259249	G08G 1 /-
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2022203396	2019355698	G01L 5 /-	2019263741	2020362928	2017371714
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2022203396	2020326641	G01N 11 /-	2021202273	2020348209	2017371714
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F21V 3 /-	2019355673	2019445954	2018353008	G06N 7 /-	G10L 15 /-
2022203396	2019355698	G01N 21 /-	G02C 5 /-	2018222991	2020283880
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2021290321	2019352426	2020287769	G02F 1 /-	2020386847	2019382854
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F24B 1 /-	F25J 1 /-	G01N 33 /-	2020284469	2021203380	2019214503
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F24C 15 /-	F42B 3 /-	2017254347	2022200538	G06T 1 /-	H01H 71 /-
2020266966	2017311046	2017294549	G05B 11 /-	2018295212	H01L 23 /-
F24C 3 /-	F42B 5 /-	2019465533	2022201846	G06T 7 /-	2019222583
2017321701	2017311046	2021200399	G05D 1 /-	2020348209	H01L 31 /-
F24F 13 /-	F42C 19 /-	G01N 5 /-	2017382930	G06V 10 /-	2019233633
2020394561	2017311046	2019445954	2018222879	2020348209	H01M 10 /-
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2020394561	F42D 3 /-	2019465533	2018210691	2019387477	2018301223
F24F 7 /-	2017320337	G01P 3 /-	G06F 13 /-	2020362928	2018326447
2017388564	G01B 11 /-	2021202273	2020386847	2021270731	
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2017269407	G01C 19 /-	2019383717	2021258024	G08B 13 /-	2018326447
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		G01R 29 /-		2021202430	

Applications Accepted - IPC Index cont'd

<u>H02B 1 /-</u>	<u>H04L 41 /-</u>	<u>H04W 36 /-</u>
2019202745	2018449796 2020386847	2021219571
<u>H02G 3 /-</u>	<u>H04L 45 /-</u>	<u>H04W 40 /-</u>
2018306118	2019236841	2019236841
<u>H02H 7 /-</u>	<u>H04L 5 /-</u>	<u>H04W 48 /-</u>
2019214503	2020223007	2021200924
<u>H02J 5 /-</u>	<u>H04L 65 /-</u>	<u>H04W 52 /-</u>
2022201846	2020386847	2021202978
<u>H02J 7 /-</u>	<u>H04L 67 /-</u>	<u>H04W 72 /-</u>
2020399417 2021286367	2019236841	2018328285 2020282922
<u>H02K 21 /-</u>	<u>H04L 9 /-</u>	<u>H04W 74 /-</u>
2019279969	2020386847 2021253779	2021266283
<u>H02K 9 /-</u>	<u>H04N 13 /-</u>	<u>H04W 76 /-</u>
2020266898	2021201579	2021219571
<u>H02M 1 /-</u>	<u>H04N 19 /-</u>	<u>H04W 88 /-</u>
2021219955	2018291135 2019303651 2019308493 2019335454	2018210691
<u>H02M 7 /-</u>	<u>H04N 21 /-</u>	<u>H05B 39 /-</u>
2021219955	2021330320 2022203638	2021202430
<u>H02S 20 /-</u>	<u>H04N 7 /-</u>	<u>H05B 6 /-</u>
2021236469 2022201859	2021202430	2019284795
<u>H02S 30 /-</u>	<u>H04R 1 /-</u>	<u>H05K 5 /-</u>
2021236469	2018353008 2021266221	2021203933
<u>H04B 1 /-</u>	<u>H04R 25 /-</u>	<u>H10N 69 /-</u>
2018210691 2021202978	2021266221	2019214503
<u>H04B 17 /-</u>	<u>H04S 3 /-</u>	
2020348730	2021203484	
<u>H04B 3 /-</u>	<u>H04W 12 /-</u>	
2019236841	2021200924 2021219571	
<u>H04H 20 /-</u>	<u>H04W 16 /-</u>	
2018251605	2020282922 2021266283	
<u>H04H 60 /-</u>	<u>H04W 24 /-</u>	
2018251605	2019236841 2020282922 2020348730	
<u>H04L 1 /-</u>		
2021219571		
<u>H04L 25 /-</u>		
2020223007		

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2020300922 **Kumiai Chemical Industry Co., Ltd.** (Epiphany Law)

Opposition Withdrawn - Proceed to Grant

2019395549 **Chong Kun Dang Pharmaceutical Corp.** (Wrays Solutions Pty Ltd)

Patents Granted

Standard Patents

2016262715	2016291199	2016293073	2016315266
2016315268	2016322919	2016344038	2016353064
2016359685	2016361488	2016402843	2016404266
2016405231	2016409305	2016413952	2016433286
2017202720	2017203525	2017206250	2017216585
2017219109	2017219137	2017219878	2017225902
2017227713	2017229214	2017234787	2017239150
2017247783	2017247922	2017248495	2017250002
2017250005	2017250017	2017256081	2017256611
2017257978	2017263558	2017268114	2017274076
2017275023	2017277005	2017277102	2017280083
2017280087	2017283493	2017285331	2017285373
2017285724	2017286627	2017290686	2017291680
2017293781	2017294353	2017294637	2017297822
2017299219	2017305321	2017309774	2017312404
2017312737	2017313372	2017317557	2017320467
2017320643	2017325102	2017325871	2017326707
2017332825	2017333493	2017333723	2017340350
2017343671	2017345907	2017353259	2017358122
2017363299	2017363967	2017365114	2017367533
2017368918	2017368931	2017371514	2017371916
2017372671	2017373537	2017375395	2017376139
2017380470	2017381013	2017381270	2017385761
2017391591	2017417561	2017417771	2017421655
2017428304	2017433231	2018202722	2018205150
2018207180	2018208526	2018208527	2018210488
2018213856	2018216930	2018218175	2018218823
2018219456	2018219890	2018221311	2018223210
2018254542	2018254576	2018254761	2018262868
2018264004	2018264741	2018269790	2018274844
2018285541	2018287258	2018290188	2018291816
2018292422	2018294351	2018299050	2018302312
2018307477	2018308943	2018311589	2018313320
2018313850	2018314063	2018334370	2018338318
2018346994	2018350592	2018363719	2018367622
2018371193	2018374615	2018391801	2018400162
2018420613	2018430802	2018436780	2018453979
2018454693	2019200539	2019206580	2019207808
2019212170	2019213275	2019216462	2019220624
2019223785	2019232829	2019242247	2019248382
2019250687	2019265526	2019295637	2019299933
2019303419	2019308231	2019308285	2019312393
2019318543	2019333270	2019336062	2019337807
2019338306	2019340677	2019348094	2019351179
2019366084	2019370968	2019378514	2019386968
2019390461	2019395566	2019399232	2019404250
2019405995	2019412231	2019413517	2019416736
2019423049	2019434220	2019437867	2019440603
2019443716	2019444038	2019444470	2019444713
2019448286	2019449032	2019449503	2019458604
2020202152	2020202688	2020203536	2020205371
2020205424	2020209403	2020209998	2020213420
2020215437	2020218439	2020219741	2020224035
2020225225	2020225452	2020226980	2020227103

Patents Granted

Standard Patents

2020227212	2020230266	2020235775	2020237237
2020240048	2020245531	2020250118	2020255626
2020256432	2020256437	2020257953	2020260372
2020260526	2020261438	2020261772	2020261812
2020263862	2020264364	2020266835	2020268815
2020268933	2020272417	2020276334	2020276755
2020277128	2020277163	2020277224	2020280921
2020281057	2020281061	2020281075	2020281617
2020284207	2020288834	2020289832	2020289860
2020295358	2020306352	2020311876	2020314835
2020316917	2020321373	2020323705	2020326407
2020348402	2020350697	2020352513	2020360307
2020360865	2020367793	2020373407	2020397281
2020464392	2021200038	2021200322	2021200608
2021200720	2021201111	2021201177	2021201284
2021201357	2021201364	2021201492	2021201642
2021201671	2021201836	2021201941	2021202490
2021202921	2021203293	2021203315	2021203466
2021203490	2021203782	2021203937	2021204076
2021204405	2021204707	2021204792	2021206879
2021206882	2021209351	2021215258	2021218128
2021218169	2021221523	2021232213	2021240219
2021257998	2021266262	2021271276	2021273626
2021277427	2021277639	2021286421	2021288251
2021300809	2021370613	2022200290	2022201118
2022204357	2022204459	2022206718	2022224847
2022263511			

Innovation Patents

2023100028 2023100030

Assignments Registered

2007265746	SWEDISH NEUTRAL AB	The patent has been assigned to Winter Brothers AB
2009335226	Isagro S.p.A.	The patent has been assigned to GOW-AN CROP PROTECTION LIMITED
2010297968	Centripetal Networks, Inc.	The patent has been assigned to Centripetal Limited
2010317253	ZTE Corporation	The patent has been assigned to Advanced Standard Communication LLC
2012358130	Continental Automotive GmbH	The patent has been assigned to Vitesco Technologies GmbH
2013335255	Centripetal Networks, Inc.	The patent has been assigned to Centripetal Limited
2013362789	PF Argentum IP Holdings LLC	The patent has been assigned to Pfizer Inc.
2013372879	Centripetal Networks, Inc.	The patent has been assigned to Centripetal Limited
2013382069	The New Zealand Institute for Plant and Food Research Limited	The patent has been assigned to Precision Seafood Harvesting Limited
2014228257	Centripetal Networks, Inc.	The patent has been assigned to Centripetal Limited
2014249055	Centripetal Networks, Inc.	The patent has been assigned to Centripetal Limited
2014256609	ZTE Corporation	The patent has been assigned to Advanced Standard Communication LLC

Assignments Registered

- 2014315109 Roviand Sciences GmbH The patent has been assigned to **ALTAVANT SCIENCES GMBH**
- 2015248067 Centripetal Networks, Inc. The patent has been assigned to **Centripetal Limited**
- 2015299101 EngMab Sàrl The patent has been assigned to **Bristol-Myers Squibb Company**
- 2015357122 EngMab Sàrl The patent has been assigned to **Bristol-Myers Squibb Company**
- 2015382393 Centripetal Networks, Inc. The patent has been assigned to **Centripetal Limited**
- 2016206211 Columbia Steel Casting Co., Inc. The patent has been assigned to **2MT Mining Products Pty Ltd**
- 2016259542 Akabotics, LLC The patent has been assigned to **Coolfish Robotics LLC**
- 2016302881 EngMab Sàrl The patent has been assigned to **Bristol-Myers Squibb Company**
- 2016341081 Kreisel Electric GmbH & Co KG The patent has been assigned to **John Deere Electric Powertrain LLC**
- 2016379156 Centripetal Networks, Inc. The patent has been assigned to **Centripetal Limited**
- 2016384755 Centripetal Networks, Inc. The patent has been assigned to **Centripetal Limited**
- 2017202774 Columbia Steel Casting Co., Inc. The patent has been assigned to **2MT Mining Products Pty Ltd**
- 2017250029 PF Argentum IP Holdings LLC The patent has been assigned to **Pfizer Inc.**
- 2018301781 Centripetal Networks, Inc. The patent has been assigned to **Centripetal Limited**
- 2018333072 The Board of Trustees of the Leland Stanford Junior University; Chan Zuckerberg Biohub, Inc. The patent has been assigned to **The Board of Trustees of the Leland Stanford Junior University; CZ Biohub SF, LLC**
- 2019101799 Zhejiang University The patent has been assigned to **CellOrigin Biotech (Hangzhou) Co., Ltd.**
- 2019200244 Columbia Steel Casting Co., Inc. The patent has been assigned to **2MT Mining Products Pty Ltd**
- 2020202119 PF Argentum IP Holdings LLC The patent has been assigned to **Pfizer Inc.**
- 2020202724 Centripetal Networks, Inc. The patent has been assigned to **Centripetal Limited**
- 2021203586 Hanwha Defense Co., Ltd. The patent has been assigned to **Hanwha Aerospace Co., Ltd.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

- 2015249072 **Anylam Pharmaceuticals, Inc.**
The earliest first regulatory approval date provided by the patentee 21 Nov 2022
For the goods ONPATTRO patisiran
Address for service : Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU
- 2016205435 **Eli Lilly and Company**
The earliest first regulatory approval date provided by the patentee 23 Dec 2022
For the goods MOUNJARO tirzepatide
Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU
- 2020203056 **Bristol-Myers Squibb Company**
The earliest first regulatory approval date provided by the patentee 07 Oct 2022
For the goods OPDUALAG nivolumab and relatlimab
Address for service : AJ PARK GPO Box 2513 Sydney NSW 2001 AU

Corrigenda

In Vol 57 , No 11 , Page(s) 1659 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Beijing Tiandi-Marco Electro-Hydraulic Control System Co., Ltd.; CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd., Application No. 2021311976, under INID (71) correct the applicant names and order to CCTEG Beijing Tianma Intelligent Control Technology Co., Ltd.; Beijing CCRI-Tianma Automation Technology Co., Ltd.

In Vol 57 , No 13 , Page(s) 1905 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names Regeneron Pharmaceuticals, Inc.; Bayer Healthcare LLC, Application No. 2022275786, under INID (72) add co-inventors Eissing, Thomas Kirschbaum; Rittenhouse, Kay D.

In Vol 57 , No 14 , Page(s) 2032 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Alibaby B.V., Application No. 2021338529, under INID (72) correct the co-inventor to BOUALI, Ali

In Vol 57 , No 14 , Page(s) 2036 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name CAELUM BIOSCIENCES, Application No.2021339851, under INID (71) correct the applicant name to Caelum Biosciences, Inc.

In Vol 57 , No 14 , Page(s) 2050 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Qingdao Haier Refrigerator Co., Ltd, Application No. 2021260530, under INID (71) add co-applicant Haier Smart Home Co., Ltd.

Specifications Republished

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

- 2018289646 **Tokuyama Corporation**
2021338482 **Enapter S.r.l.**