



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

NOTE: When ordering any patent document from us, whether accepted or not, please quote the application/patent number preceded by the appropriate prefix.

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

1. 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 applications filed - Name Index	
The <u>name</u> of the applicant	(71)	The <u>name</u> of the applicant	(71)
The <u>number</u> assigned to the application	(21)	The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)	The <u>date</u> of filing	(22)
The <u>title</u> of the invention	(54)	<u>Title</u> of the invention	(54)
		<u>Number</u> of priority document(s) if any	(31)
		<u>Date(s)</u> of filing of priority documents	(32)
		<u>Country</u> of which priority documents filed	(33)
		PCT application <u>number</u>	(86)

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

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

2. 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.
- (44) 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.
- (45) 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.

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 7 July 2022

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Boehringer Ingelheim Animal Health USA Inc. v Zoetis Services LLC [2022] APO 42

Patent Application: 2017203965

Title: Methods of vaccine administration

Patent Applicant: Zoetis Services LLC

Opponent: Boehringer Ingelheim Animal Health USA Inc.

Delegate: Damian Triffett

Decision Date: 23 June 2022

Hearing Date: 1 September 2021, by Video Conference

Catchwords: **PATENTS** - section 59 opposition to the grant of a patent – method for oral canine vaccination – grounds of novelty, inventive step, clear enough and complete enough disclosure, support and utility considered – opposition successful – description is not clear enough and complete enough with respect to the CPI, CCV, *B. bronchiseptica* and *Leptispora* antigens - claims not supported with respect to the CPI, CCV, *B. bronchiseptica* and *Leptispora* antigens – grounds of novelty, inventive step and utility not established - opportunity to amend – costs awarded against applicant

Representation: Counsel for the applicant: Mr Patrick Flynn
Counsel for the opponent: Ms Clare Cunliffe, Mr Christian Dimitriadis and Dr Tom Kowalski (US)
Patent attorney for the applicant: Dr Tony Shaw from Allens Patent & Trade Mark Attorneys
Patent attorney for the opponent: Dr Karin Innes and Dr Jenny Petering from FB Rice

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 7 July 2022

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Dr David Sly v Nura Holdings Pty Ltd [2022] APO 43

Patent Application: 2016316840

Title: Personalization of auditory stimulus

Patent Applicant: Nura Holdings Pty Ltd

Requestor: Dr David Sly

Delegate: Dr Leslie F. McCaffery

Decision Date: 28 June 2022

Hearing Date: 1 March 2022 by video conference

Catchwords: **PATENTS** – section 36 – inventorship – the application for a direction under section 36 is unsuccessful – costs awarded.

Representation: Counsel for the applicant: Ben Fitzpatrick
Patent attorney for the applicant: Pizzeys Patent and Trade Mark Attorneys Pty Ltd
Counsel for the requestor: Claire Cunliffe
Patent attorney for the requestor: Walker IP

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 21 Jun 2022 .

(71) 420 Tech Pty Ltd (21) 2022901776 (22) 27.06.2022 (54) Handheld Apparatus for Cutting	Attwood, G. see Fonterra Co-operative Group Limited (21) 2022901719	(71) Bionomics Limited (21) 2022901708 (22) 22.06.2022 (54) Antibody-Drug-Conjugates And Uses Thereof For The Treatment of Cancer
(71) Aervision Technologies Pty Ltd (21) 2022901705 (22) 22.06.2022 (54) A DEVICE FOR GENERATING FOOD DEPTH MAP INFORMATION	(71) AUS INTERCAR PTY LTD (21) 2022901703 (22) 22.06.2022 (54) Novel Colour Management Software	(71) Bluebay Group (21) 2022901726 (22) 23.06.2022 (54) Quick-release Golf Sand Bottle
AgResearch Limited see Fonterra Co-operative Group Limited (21) 2022901718	(71) AUSTRALIAN DROID & ROBOT PTY LTD (21) 2022901771 (22) 26.06.2022 (54) BOREHOLE AND CAVITY SCANNING DEVICE	(71) BLUEGREEN POWER TECHNOLOGIES PTY. LTD. (21) 2022901755 (22) 24.06.2022 (54) A HYDRAULIC DRIVEN DRIVE SHAFT ARRANGEMENT
AgResearch Limited see Fonterra Co-operative Group Limited (21) 2022901719	(71) Barbulescu, D. (21) 2022901696 (22) 21.06.2022 (54) Floating energy storage and hydrogen generation integrated with desalination and carbon dioxide removal	Booth, J. see BOOTH, M. (21) 2022901756
(71) Agrico Produce Pty Ltd; D.J. & P.A. Hopkins Pty. Ltd. (21) 2022901741 (22) 23.06.2022 (54) Decortication method and system	Bassett, S. see Fonterra Co-operative Group Limited (21) 2022901718	(71) BOOTH, M.; Booth, J. (21) 2022901756 (22) 24.06.2022 (54) Energy Cube
(71) Agriculture Victoria Services Pty Ltd (21) 2022901754 (22) 24.06.2022 (54) TAXONOMIC PROFILING	Bassett, S. see Fonterra Co-operative Group Limited (21) 2022901719	(71) Bull, A. (21) 2022901730 (22) 23.06.2022 (54) A physical therapy calf stretching exercise and a device therefor
(71) Agriculture Victoria Services Pty Ltd (21) 2022901766 (22) 24.06.2022 (54) MICROORGANISMS PROVIDING GROWTH PROMOTION PHENOTYPES TO PLANTS	(71) Battersea Ventures Pty Ltd (21) 2022901786 (22) 27.06.2022 (54) Soy milk treatment	(71) Campbell, J. (21) 2022901704 (22) 22.06.2022 (54) A zip alarm system
(71) Angel Air Environmental Solutions Pty Ltd (21) 2022901712 (22) 22.06.2022 (54) Surface sanitising apparatus	(71) Bio-Gene Technology Limited (21) 2022901767 (22) 24.06.2022 (54) IMPROVED PESTICIDAL COMPOSITIONS AND PEST CONTROL METHODS	(71) Chen, Y. (21) 2022901747 (22) 24.06.2022 (54) Highchair Food Catcher
Attwood, G. see Fonterra Co-operative Group Limited (21) 2022901718		(71) Christie, J. (21) 2022901706 (22) 22.06.2022 (54) A RAILWAY COMMUNICATIONS SYSTEM

Provisional Applications Filed - Name Index cont'd

(71) Chung, D.
(21) 2022901787 (22) 27.06.2022
(54) Compute Ecosystem Modules and Methods

(71) CLEAN CARBON PTY LTD
(21) 2022901784 (22) 27.06.2022
(54) PROCESSING END-OF-LIFE TYRES AND PLASTICS

(71) ClerVue Technologies Limited
(21) 2022901699 (22) 21.06.2022
(54) A window for a building or structure

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2022901753 (22) 24.06.2022
(54) Clock synchronisation

(71) Conexion Pty Ltd
(21) 2022901698 (22) 21.06.2022
(54) Modular energy storage and dispensing system

(71) Crispe, L.
(21) 2022901725 (22) 23.06.2022
(54) A TEMPERATURE-CONTROLLED BEAUTY DEVICE

Crouzet, L. see Fonterra Co-operative Group Limited
(21) 2022901718

Crouzet, L. see Fonterra Co-operative Group Limited
(21) 2022901719

D.J. & P.A. Hopkins Pty. Ltd. see Agrico Produce Pty Ltd
(21) 2022901741

(71) Davies, K.
(21) 2022901722 (22) 22.06.2022
(54) Big BESS

Dekker, J. see Fonterra Co-operative Group Limited
(21) 2022901718

Dekker, J. see Fonterra Co-operative Group Limited
(21) 2022901719

(71) Digga Australia Pty Ltd
(21) 2022901731 (22) 23.06.2022
(54) Mechanical lock nut retainment system

(71) Energy Tap Pty Ltd
(21) 2022901749 (22) 24.06.2022
(54) Energy conversion system

(71) Energy Tap Pty Ltd
(21) 2022901750 (22) 24.06.2022
(54) Energy conversion system

(71) Ex Planta Pty Ltd
(21) 2022901760 (22) 24.06.2022
(54) Biosynthesis of Isoflavonoids

(71) FJD Aviation Pty Ltd
(21) 2022901759 (22) 24.06.2022
(54) AN IRRIGATION DEVICE

(71) Fonterra Co-operative Group Limited; AgResearch Limited; Attwood, G.; Crouzet, L.; Bassett, S.; Dekker, J.; Hill, J.
(21) 2022901718 (22) 22.06.2022
(54) USE OF LACTIC ACID BACTERIA TO IMPROVE BODY WEIGHT, BODY COMPOSITION, OR MILK PRODUCTION

(71) Fonterra Co-operative Group Limited; AgResearch Limited; Attwood, G.; Crouzet, L.; Bassett, S.; Dekker, J.; Hill, J.
(21) 2022901719 (22) 22.06.2022
(54) USE OF LACTIC ACID BACTERIA TO IMPROVE BODY WEIGHT OR BODY COMPOSITION

(71) Form 700 Pty Ltd
(21) 2022901717 (22) 22.06.2022
(54) A PORTABLE PLATFORM FOR USE IN PILING AND COLUMN WORKS

(71) Garvan Institute of Medical Research
(21) 2022901697 (22) 21.06.2022
(54) Detection of cell damage

(71) GeneSeq Pty Ltd
(21) 2022901775 (22) 27.06.2022
(54) Method of diagnosis and treatment of ovarian cancer

(71) Grenof Pty Ltd
(21) 2022901772 (22) 26.06.2022
(54) Remediation of Water Pipelines

(71) Griffith University; Swiss Tropical and Public Health Institute; Universität Basel
(21) 2022901757 (22) 24.06.2022
(54) Entry-Modulating Agents and Uses Therefor

(71) Harrington, C.
(21) 2022901773 (22) 26.06.2022
(54) Butyrylcholinesterase supplementation as a treatment for low levels of butyrylcholinesterase in the neonate

(71) Hendry, C.
(21) 2022901761 (22) 24.06.2022
(54) Improved electric motor and transformer

Hill, J. see Fonterra Co-operative Group Limited
(21) 2022901718

Hill, J. see Fonterra Co-operative Group Limited
(21) 2022901719

(71) InfraBuild Wire Pty Limited
(21) 2022901711 (22) 22.06.2022
(54) Rail Clamp

(71) IQInvestments Corporation Pty Ltd
(21) 2022901758 (22) 24.06.2022
(54) Method and apparatus for the treatment of human conditions

(71) John Hadad, M.
(21) 2022901778 (22) 27.06.2022
(54) JAMB ASSEMBLIES AND METHODS FOR INSTALLING JAMB ASSEMBLIES

(71) Jukes, T.
(21) 2022901723 (22) 23.06.2022
(54) AUTOMATED BED BORING ASSEMBLY

(71) Killara I.P. Pty Ltd
(21) 2022901769 (22) 25.06.2022
(54) Laparoscope Coupling and Drape

(71) Kisimul Holdings Pty Ltd
(21) 2022901740 (22) 23.06.2022
(54) An Automated Weather Based System for Agricultural Management

(71) Kreutzmann, N.
(21) 2022901709 (22) 22.06.2022
(54) A Display Shield

(71) Lampard, R.
(21) 2022901724 (22) 22.06.2022
(54) SONIC PLASMA ENHANCED COMBUSTION CYCLE

Provisional Applications Filed - Name Index cont'd

(71) Lampard, R.
(21) 2022901744 (22) 23.06.2022
(54) TITLE - SONIC PLASMA ENHANCED COMBUSTION CYCLE MODIFICATIONS TO SUIT OPERATION ON HYDROGEN

(71) Lampard, R.
(21) 2022901746 (22) 23.06.2022
(54) SONIC PLASMA ENHANCED COMBUSTION CYCLE MODIFICATIONS TO SUIT OPERATION ON AMMONIA

(71) Macdonald, J.
(21) 2022901737 (22) 23.06.2022
(54) An apparatus for vessel drag reduction and planetary cooling

(71) McMurrich, D.
(21) 2022901752 (22) 24.06.2022
(54) Treatment of C4 photosynthesising plants

(71) Monash University
(21) 2022901733 (22) 23.06.2022
(54) Sulfur cathodes

(71) Monash University
(21) 2022901785 (22) 27.06.2022
(54) Permselective interlayer

(71) MORSE MICRO PTY. LTD.
(21) 2022901788 (22) 27.06.2022
(54) A method for managing interference on a wireless channel

(71) Neurotech International Ltd
(21) 2022901710 (22) 22.06.2022
(54) Compositions and methods for treating neurological disorders

(71) Neurotech International Ltd
(21) 2022901714 (22) 22.06.2022
(54) Compositions and methods for treating neurological disorders with combination products

(71) NewSouth Innovations Pty Limited
(21) 2022901738 (22) 23.06.2022
(54) Magnetic field sensor

(71) NewSouth Innovations Pty Limited
(21) 2022901751 (22) 24.06.2022
(54) Solar cell apparatus

(71) O2Systems Pty Ltd
(21) 2022901727 (22) 23.06.2022
(54) Wall System

(71) Paris, M.
(21) 2022901701 (22) 21.06.2022
(54) Peristaltic Lung Pump

(71) Philomaths Pty Limited
(21) 2022901716 (22) 22.06.2022
(54) IMPROVED METHOD AND SYSTEM FOR HANDICAPPING COMPETITORS IN A COMPETITION

(71) Power, R.
(21) 2022901634 (22) 15.06.2022
(54) Suspension bridge

(71) Purdue, B.
(21) 2022901707 (22) 22.06.2022
(54) Device for Squeezing a Tube

(71) Race Oncology
(21) 2022901702 (22) 22.06.2022
(54) TREATMENT OF MELANOMA

(71) Real Tenure Pty Ltd
(21) 2022901765 (22) 24.06.2022
(54) COMMERCIAL PROPERTY MANAGEMENT SYSTEM AND METHOD

(71) REECOIL PTY. LTD
(21) 2022901713 (22) 22.06.2022
(54) Harness

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2022901728

ResMed Corp. see ResMed Pty Ltd
(21) 2022901728

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.; ResMed Corp.
(21) 2022901728 (22) 23.06.2022
(54) PATIENT INTERFACE AND MANUFACTURING METHOD

(71) ResMed Pty Ltd
(21) 2022901734 (22) 23.06.2022
(54) EYEWEAR AND INTERFACING STRUCTURE FOR SAME

(71) RIGGING CONCEPTS LIMITED
(21) 2022901732 (22) 23.06.2022
(54) A SHACKLE

(71) RMIT University
(21) 2022901762 (22) 24.06.2022
(54) Antimicrobial gels

(71) RMIT University
(21) 2022901763 (22) 24.06.2022
(54) Antimicrobial gels

(71) RMIT University
(21) 2022901764 (22) 24.06.2022
(54) Antimicrobial gels

(71) RYAN NT INTERNATIONAL PTY LTD
(21) 2022901742 (22) 23.06.2022
(54) PRESS WHEEL

(71) Silicon Quantum Computing Pty Limited
(21) 2022901715 (22) 22.06.2022
(54) Methods and systems for analogue quantum computing

(71) slennett-roberts, t.
(21) 2022901739 (22) 23.06.2022
(54) RGV: Reversed Grid charging electrical vehicle station. (RGV)

(71) Staness Pty Ltd
(21) 2022901743 (22) 24.06.2022
(54) Rodent Trap

(71) Sule, S.
(21) 2022901748 (22) 24.06.2022
(54) Cable repair vulcanising apparatus

Swiss Tropical and Public Health Institute see Griffith University
(21) 2022901757

The Royal Women's Hospital see The University of Melbourne
(21) 2022901700

(71) The Trustee for WTST Family Trust
(21) 2022901777 (22) 27.06.2022
(54) Mandibular Jaw Tracking Clamp

(71) The University of Melbourne; The Royal Women's Hospital
(21) 2022901700 (22) 21.06.2022
(54) Methods for determining menstrual cycle time point

(71) The University of Sydney
(21) 2022901774 (22) 27.06.2022
(54) Blood pressure monitoring device, system and method

(71) Ticking Heart Pty Ltd
(21) 2022901768 (22) 24.06.2022
(54) A PHONOCARDIOGRAM SENSOR

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(71) Trofimiuk, Z.
(21) 2022901720 (22) 22.06.2022
(54) Graverre technique

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(71) VAST Bioscience Pty Ltd
(21) 2022901688 (22) 21.06.2022
(54) Pyran compounds and their use in the
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(71) VAST Bioscience Pty Ltd
(21) 2022901694 (22) 21.06.2022
(54) Pyran compounds and their use in the
treatment of pain

(71) Vimbal Enterprises Pty Ltd
(21) 2022901721 (22) 22.06.2022
(54) METHODS AND APPRATUS FOR EN-
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(71) White Graphene Limited
(21) 2022901735 (22) 23.06.2022
(54) SHEAR MILLING APPARATUS AND
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(71) White Graphene Limited
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(54) PRODUCTION OF TWO-DIMENSION-
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(71) Wilks, W.
(21) 2022901729 (22) 23.06.2022
(54) An augmented visual display system al-
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Applications listed below were processed through the Patent Office Canberra during the period ending 21 Jun 2022 .

. (*) Title not in Roman characters

. (**) Title not given

<p>(71) A & I Coatings Group Pty Ltd (21) 2022204302 (22) 20.06.2022 (54) A HIGH PERFORMANCE ISOCY- ANATE FREE POLYURETHANE RES- IN COATING (62) 2021218019</p>	<p>(71) Air Products and Chemicals, Inc. (21) 2022204410 (22) 23.06.2022 (54) PRODUCING LNG FROM METHANE CONTAINING SYNTHETIC GAS (31) 17/360,031 (32) 28.06.21 (33) US</p>	<p>(71) BEANGO PTY LTD (21) 2022204404 (22) 22.06.2022 (54) Processing and Creating Biomass Cof- fee Starch Logs</p>
<p>(71) Abbott Diabetes Care Inc. (21) 2022204236 (22) 17.06.2022 (54) Focused sterilization and sterilized sub- assemblies for analyte monitoring sys- tems (62) 2019282729</p>	<p>(71) Apple Inc. (21) 2022204256 (22) 17.06.2022 (54) Intelligent presentation of documents (62) 2020202915</p>	<p>(71) Beckman Coulter, Inc. (21) 2022204237 (22) 17.06.2022 (54) Flow based assays for therapeutics (62) 2018333062</p>
<p>(71) Able AI, Inc. (21) 2022204258 (22) 17.06.2022 (54) TRANSACTION PROCESSING COM- PUTER SYSTEM WITH MULTI-CHAN- NEL COMMUNICATION CONTROL AND DECISION SUPPORT (31) 63/216,955 (32) 30.06.21 (33) US 17/725,217 20.04.22 US</p>	<p>(71) Apple Inc. (21) 2022204422 (22) 23.06.2022 (54) User interfaces for messages (62) 2020239810</p>	<p>(71) Beijing Geekplus Technology Co., Ltd. (21) 2022204398 (22) 22.06.2022 (54) Cargo sorting system and method (62) 2019268423</p>
<p>(71) Accenture Global Solutions Limited (21) 2022204241 (22) 17.06.2022 (54) MACHINE LEARNING CLASSIFICA- TION AND PREDICTION SYSTEM (62) 2020202909</p>	<p>(71) Applied Medical Resources Corporation (21) 2022204273 (22) 17.06.2022 (54) Surgical stapler having actuation mech- anism with rotatable shaft (62) 2020264274</p>	<p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2022204335 (22) 21.06.2022 (54) Data communication method, commu- nication system and computer-readable storage medium (31) 202110704954.0 (32) 24.06.21 (33) CN</p>
<p>(71) Acorn Engineering Company (21) 2022204308 (22) 20.06.2022 (54) Accumulator assembly (31) 63/212,382 (32) 18.06.21 (33) US</p>	<p>(71) Applied Medical Resources Corporation (21) 2022204403 (22) 22.06.2022 (54) Surgical stapler having articulation mechanism (62) 2017250184</p>	<p>(71) Beijing Tusen Zhitu Technology Co., Ltd. (21) 2022204336 (22) 21.06.2022 (54) Communication method and related communication apparatus and storage medium (31) 202110703273.2 (32) 24.06.21 (33) CN</p>
<p>Agilent Technologies, Inc. see The Board of Trustees of the Leland Stanford Junior University (21) 2022204254</p>	<p>(71) Aqua-Aerobic Systems, Inc. (21) 2022204233 (22) 17.06.2022 (54) System and method of solids condition- ing in a filtration system (62) 2019274444</p>	<p>(71) Bharat Biotech International Limited (21) 2022204267 (22) 17.06.2022 (54) Vaccine compositions (62) 2016291836</p>
<p>(71) Agrigenetics, Inc. (21) 2022204244 (22) 17.06.2022 (54) Canola germplasm exhibiting seed compositional attributes that deliver en- hanced canola meal nutritional value having omega-9 traits (62) 2019222884</p>	<p>(71) Aristocrat Technologies, Inc. (21) 2022204249 (22) 17.06.2022 (54) ELECTRONIC GAMING MACHINE WITH DISPLAY HAVING COMPON- ENT PASSTHROUGH (31) 17/263,394 (32) 21.04.22 (33) US 63/211,915 17.06.21 US</p>	<p>(71) BIOSIGHT LTD. (21) 2022204373 (22) 22.06.2022 (54) CYTARABINE CONJUGATES FOR CANCER THERAPY (62) 2016362830</p>
<p>AHS Hospital Corp. see TScan Therapeut- ics, Inc. (21) 2022204350</p>	<p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022204372 (22) 22.06.2022 (54) GAMING DEVICE WITH ICON SELEC- TION FEATURE</p>	<p>(71) BNSF Railway Company (21) 2022204351 (22) 21.06.2022 (54) Systems and methods for locating ob- jects (62) 2020329106</p>
		<p>(71) Bonac Corporation (21) 2022204391 (22) 22.06.2022</p>

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<p>(54) Composition containing nucleic acid molecule stably (62) 2015373071</p> <hr/> <p>Boston Medical Center Corporation see Pfizer Inc. (21) 2022204368</p> <hr/> <p>(71) Brandt Industries Canada Ltd. (21) 2022204408 (22) 23.06.2022 (54) Tillage gang adjustment (62) 2020201388</p> <hr/> <p>(71) Brandt Industries Canada Ltd. (21) 2022204409 (22) 23.06.2022 (54) Tillage disc arm drift control (62) 2020201388</p> <hr/> <p>(71) Buffalo Filter LLC (21) 2022204356 (22) 21.06.2022 (54) Method and apparatus for attachment and evacuation (62) 2020260420</p> <hr/> <p>California Institute of Technology see The Rockefeller University (21) 2022204340</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2022204353 (22) 21.06.2022 (54) Method, apparatus and system for encoding and decoding a block of video samples (62) 2019232801</p> <hr/> <p>(71) Canva Pty Ltd (21) 2022204345 (22) 21.06.2022 (54) Systems and methods for creating digital animations (62) 2020260420</p> <hr/> <p>(71) CarbonX IP 3 B.V. (21) 2022204309 (22) 20.06.2022 (54) Production of crystalline carbon structure networks (62) 2017289220</p> <hr/> <p>(71) CareFusion 303, Inc. (21) 2022204234 (22) 17.06.2022 (54) System and method for detecting a faulty occluder valve (31) 63/212,441 (32) 18.06.21 (33) US</p> <hr/> <p>(71) CareFusion 303, Inc. (21) 2022204307 (22) 20.06.2022 (54) Tamper-resistant cap (62) 2021203652</p> <hr/> <p>(71) Caterpillar Inc. (21) 2022204400 (22) 22.06.2022 (54) Wear member retention system for an implement (62) 2017280012</p>	<p>(71) Centurion Medical Products Corporation (21) 2022204394 (22) 22.06.2022 (54) Methods for manufacturing non-glass prefilled containers (62) 2017273335</p> <hr/> <p>(71) Chadra Laboratories LLC (21) 2022204250 (22) 17.06.2022 (54) Multi-interface transponder device (62) 2020201388</p> <hr/> <p>(71) Clinicomp International, Inc. (21) 2022204388 (22) 22.06.2022 (54) Method and system for adapting programs for interoperability and adapters therefor (62) 2020331323</p> <hr/> <p>(71) CMR Surgical Limited (21) 2022204385 (22) 22.06.2022 (54) Interfacing a surgical robotic arm and instrument (62) 2019214500</p> <hr/> <p>(71) CNH Industrial America LLC (21) 2022204374 (22) 22.06.2022 (54) System and method for controlling boom assembly position of an agricultural sprayer (31) 17/355,669 (32) 23.06.21 (33) US</p> <hr/> <p>(71) CommScope Technologies LLC (21) 2022204338 (22) 21.06.2022 (54) Scheduling the same resource in radio access networks (62) 2021201369</p> <hr/> <p>(71) Conduit Space Recovery Systems, LLC (21) 2022204366 (22) 22.06.2022 (54) Strings for a tennis racket (62) 2020201388</p> <hr/> <p>(71) Craig, D.; McKeown, D. (21) 2022204352 (22) 21.06.2022 (54) PET processing system and method (62) 2018379815</p> <hr/> <p>(71) CTEK Sweden AB (21) 2022204413 (22) 23.06.2022 (54) Cable handling arrangement (31) 2150824-7 (32) 28.06.21 (33) SE 2151106-8 03.09.21 SE</p> <hr/> <p>(71) DD Innovations B.V. (21) 2022204303 (22) 20.06.2022 (54) Disc for a medicine unit delivery device, medicine unit delivery device comprising such disc, and method for configuring a medicine unit delivery device (31) NL2028489 (32) 20.06.21 (33) NL</p>	<p>(71) DD Innovations B.V. (21) 2022204304 (22) 20.06.2022 (54) Device for filling a medicine-unit container for use in a medicine unit dispensing device, medicine-unit container, assembly of such device and a container and method for cleaning such device (31) NL 2028490 (32) 20.06.21 (33) NL NL 2028491 20.06.21 NL NL 2028765 16.07.21 NL</p> <hr/> <p>(71) DD Innovations B.V. (21) 2022204305 (22) 20.06.2022 (54) Medicine unit container for use in a medicine unit (31) NL2028766 (32) 16.07.21 (33) NL</p> <hr/> <p>(71) DD Innovations B.V. (21) 2022204306 (22) 20.06.2022 (54) Device for packaging of medicine-units (31) NL 2028767 (32) 16.07.21 (33) NL</p> <hr/> <p>(71) Deere & Company (21) 2022204331 (22) 21.06.2022 (54) SAW APPARATUS WITH HYDRAULIC TENSIONING (31) 777066 (32) 21.06.21 (33) NZ</p> <hr/> <p>(71) Deere & Company (21) 2022204346 (22) 21.06.2022 (54) IMPROVEMENTS TO TIMBER-WORKING DEVICES (31) 777065 (32) 21.06.21 (33) NZ</p> <hr/> <p>(71) Deka Products Limited Partnership (21) 2022204330 (22) 21.06.2022 (54) Medical Pump (62) 2019321669</p> <hr/> <p>(71) Dexcom, Inc. (21) 2022204412 (22) 23.06.2022 (54) System and method for factory calibration or reduced calibration of an indwelling sensor based on sensitivity profile (62) 2020270496</p> <hr/> <p>(71) Dolby International AB (21) 2022204314 (22) 20.06.2022 (54) Method and apparatus for generating from a coefficient domain representation of HOA signals a mixed spatial/coefficient domain representation of said HOA signals (62) 2020204222</p> <hr/> <p>(71) Dolby Laboratories Licensing Corporation (21) 2022204397 (22) 22.06.2022</p>
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<p>(54) Adaptive Processing with Multiple Media Processing Nodes (62) 2020200861</p> <hr/> <p>(71) Dolby Laboratories Licensing Corporation (21) 2022204421 (22) 23.06.2022 (54) Device and method of improving the perceptual luminance nonlinearity-based image data exchange across different display capabilities (62) 2021201806</p> <hr/> <p>(71) Drinks Holdings, Inc. (21) 2022204363 (22) 22.06.2022 (54) Wine label affinity system and method (62) 2016335855</p> <hr/> <p>(71) DUNCAN, D. (21) 2022204277 (22) 19.06.2022 (54) ELECTRIC BAGPIPE AND ELECTRIC BAGPIPE COMPONENTS (31) 63/216,646 (32) 30.06.21 (33) US</p> <hr/> <p>(71) Eagle Pharmaceuticals, Inc. (21) 2022204245 (22) 17.06.2022 (54) PEMETREXED FORMULATIONS</p> <hr/> <p>(71) Elanco New Zealand (21) 2022204326 (22) 21.06.2022 (54) ANTI-INFECTION FORMULATION AND METHODS OF USE (62) 2019246759</p> <hr/> <p>(71) Element Biosciences, Inc. (21) 2022204320 (22) 20.06.2022 (54) High performance fluorescence imaging module for genomic testing assay (62) 2021254575</p> <hr/> <p>(71) Equinox Ophthalmic, Inc. (21) 2022204389 (22) 22.06.2022 (54) Therapeutic eye treatment with gases (62) 2020202299</p> <hr/> <p>(71) ERX Pharmaceuticals Inc (21) 2022204238 (22) 17.06.2022 (54) Analogs of celastrol (62) 2016342375</p> <hr/> <p>(71) ESCO Group LLC (21) 2022204364 (22) 22.06.2022 (54) Monitoring ground-engaging products for earth working equipment (62) 2020233769</p> <hr/> <p>(71) ETA Green Power Limited (21) 2022204414 (22) 23.06.2022</p>	<p>(54) ROTOR FOR AN ELECTRIC MACHINE (31) 2109110.3 (32) 24.06.21 (33) GB 2109107.9 24.06.21 GB</p> <hr/> <p>(71) ETA Green Power Limited (21) 2022204415 (22) 23.06.2022 (54) STATOR FOR AN ELECTRIC MACHINE (31) 2109104.6 (32) 24.06.21 (33) GB</p> <hr/> <p>(71) Evolva SA (21) 2022204430 (22) 23.06.2022 (54) Methods and materials for biosynthesis of mogroside compounds (62) 2019250137</p> <hr/> <p>(71) Fisher & Paykel Healthcare Limited (21) 2022204370 (22) 22.06.2022 (54) PATIENT INTERFACE AND COMPONENT PARTS (62) 2020203827</p> <hr/> <p>(71) Fisher & Paykel Healthcare Limited (21) 2022204375 (22) 22.06.2022 (54) Respiratory Mask System (62) 2017235839</p> <hr/> <p>(71) Fisher & Paykel Healthcare Limited (21) 2022204387 (22) 22.06.2022 (54) Respiratory support system and blower for respiratory support system (62) 2017260744</p> <hr/> <p>(71) FST INNOVATION PTY LTD (21) 2022204325 (22) 20.06.2022 (54) TAMPER SWITCH, TAMPER RESISTANT VALVE AND VALVE MONITOR (31) 2021903552 (32) 05.11.21 (33) AU</p> <hr/> <p>(71) FTG BIO LLC (21) 2022204427 (22) 23.06.2022 (54) Salt Forms Of Amino Pyrazine Purine Based Selective Kinase Inhibitor (62) 2018244011</p> <hr/> <p>(71) Fujitsu Limited (21) 2022204328 (22) 21.06.2022 (54) Abnormality detection program, abnormality detection device and abnormality detection method (31) 2021-160279 (32) 30.09.21 (33) JP</p> <hr/> <p>(71) Games Global Works Limited (21) 2022204371 (22) 22.06.2022 (54) Probabilistic real-time control system with mid-transaction inputs and proportional output (31) 2110492.2 (32) 21.07.21 (33) GB</p> <hr/> <p>(71) Games Lab Pty Limited (21) 2022204431 (22) 23.06.2022 (54) GAMING APPARATUS AND SYSTEMS</p> <hr/> <p>(71) Gen-Probe Incorporated (21) 2022204316 (22) 20.06.2022 (54) Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde (62) 2021254645</p> <hr/> <p>(71) Genzyme Corporation (21) 2022204274 (22) 17.06.2022 (54) Variant RNAi (62) 2016219396</p> <hr/> <p>(71) Gilead Sciences, Inc. (21) 2022204390 (22) 22.06.2022 (54) Modulators of pharmacokinetic properties of therapeutics (62) 2020203321</p> <hr/> <p>(71) Gilead Sciences, Inc. (21) 2022204399 (22) 22.06.2022 (54) Pyrrolo[1,2-B]pyridazine derivatives as IRAK4 inhibitors (62) 2019321424</p> <hr/> <p>(71) Globaltech Corporation Pty Ltd (21) 2022204321 (22) 20.06.2022 (54) Core Sample Orientation System, Device and Method (62) 2020233780</p> <hr/> <p>(71) Gretals Australia Pty Ltd (21) 2022204464 (22) 24.06.2022 (54) METHODS FOR THE PRODUCTION OF PINOCEMBRIIN AND METHYLATED FORMS THEREOF (31) 2021901843 (32) 18.06.21 (33) AU</p> <hr/> <p>(71) Haemograph Pty Ltd (21) 2022204406 (22) 23.06.2022 (54) Rheometer and method for the use thereof (62) 2017361981</p> <hr/> <p>(71) Hasan, S.K. (21) 2022204239 (22) 17.06.2022 (54) System of perpetual giving (62) 2016322785</p> <hr/> <p>(71) HONEYWELL INTERNATIONAL INC. (21) 2022204337 (22) 21.06.2022 (54) RUN-TIME RELIABILITY REPORTING FOR ELECTRICAL HARDWARE SYSTEMS (31) 17/365,973 (32) 01.07.21 (33) US</p> <hr/> <p>(71) Huawei Technologies Co., Ltd. (21) 2022204263 (22) 17.06.2022</p>
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(62) 2019250928

(71) Hubbell Incorporated

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(54) Whip and loop interrupter combination

(62) 2017260247

(71) Hudswell, C.

(21) 2022204329 (22) 21.06.2022

(54) Training or Exercise Apparatus

(31) 2021901900 (32) 24.06.21 (33) AU

(71) Idemia Identity & Security France

(21) 2022204429 (22) 23.06.2022

(54) METHODS FOR COMPARING CONFIDENTIAL BIOMETRIC DATABASES

(31) 2107334 (32) 07.07.21 (33) FR

(71) Illumina, Inc.

(21) 2022204365 (22) 22.06.2022

(54) Preserving genomic connectivity information in fragmented genomic DNA samples

(62) 2020205215

(71) INGURAN, LLC

(21) 2022204360 (22) 22.06.2022

(54) DEVICES AND METHODS FOR ARTIFICIAL INSEMINATION

(62) 2019333169

(71) Intuit Inc.

(21) 2022204425 (22) 23.06.2022

(54) Extracting key value pairs using positional coordinates

(31) 17/504,339 (32) 18.10.21 (33) US

(71) Janssen Pharmaceutica NV

(21) 2022204240 (22) 17.06.2022

(54) Small molecule inhibitors of the JAK family of kinases

(62) 2020257068

(71) Janssen Pharmaceutica NV

(21) 2022204343 (22) 21.06.2022

(54) System and method for assessing cognitive and mood states of a real world user as a function of virtual world activity

(62) 2017269386

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(21) 2022204349

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(21) 2022204357

(71) JPMorgan Chase Bank, N.A.

(21) 2022204259 (22) 17.06.2022

(54) Security design and architecture for a multi-tenant Hadoop cluster

(62) 2017272079

(71) KABUSHIKI KAISHA TOYOTA

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(21) 2022204301 (22) 20.06.2022

(54) Directional control valve

(31) 2021-111282 (32) 05.07.21 (33) JP

(71) Kao, H.

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(54) Sensing Chip with Fluidic Device

(31) 110122708 (32) 22.06.21 (33) TW
111109041 11.03.22 TW

(71) Kite Pharma, Inc.

(21) 2022204423 (22) 23.06.2022

(54) Chimeric antigen and T cell receptors and methods of use

(62) 2017240667

(71) Komatsu Ltd.

(21) 2022204332 (22) 21.06.2022

(54) Information management device of work machine, information management method, and information management system

(62) 2019245096

(71) Labanie, F.

(21) 2022204248 (22) 17.06.2022

(54) Photovoltaic Electricity Generation Apparatus

(62) 2021202165

(71) Lamb Weston, Inc.

(21) 2022204416 (22) 23.06.2022

(54) Food article defect removal apparatus

(62) 2017254462

(71) LG ELECTRONICS INC.

(21) 2022204266 (22) 17.06.2022

(54) LAUNDRY TREATING APPARATUS

(62) 2019249761

(71) LG ELECTRONICS INC.

(21) 2022204319 (22) 20.06.2022

(54) Vacuum adiabatic body, refrigerating or warming apparatus, fabrication method for the vacuum adiabatic body

(62) 2018309541

(71) LINEAGE LOGISTICS, LLC

(21) 2022204344 (22) 21.06.2022

(54) AUTOMATIC TRANSPORTATION OF PALLETS OF GOODS

(62) 2020271069

(71) Magic Leap, Inc.

(21) 2022204426 (22) 23.06.2022

(54) AUGMENTED REALITY SYSTEMS AND METHODS FOR USER HEALTH ANALYSIS

(62) 2017264695

McKeown, D. see Craig, D.

(21) 2022204352

(71) Medline Industries, LP

(21) 2022204268 (22) 17.06.2022

(54) Sensor for absorbent article

(62) 2017286817

(71) Microport Orthopedics Holdings Inc.

(21) 2022204396 (22) 22.06.2022

(54) SYSTEMS AND METHODS OF USING THREE-DIMENSIONAL IMAGE RECONSTRUCTION TO AID IN ASSESSING BONE OR SOFT TISSUE ABERRATIONS FOR ORTHOPEDIC SURGERY

(31) 17/835,894 (32) 08.06.22 (33) US
63/217,567 01.07.21 US

(71) Molecular Insight Pharmaceuticals, Inc.

(21) 2022204262 (22) 17.06.2022

(54) Preparations of meta-iodobenzylguanidine and precursors thereof

(62) 2020204062

(71) Nalto Marketing Ltd.

(21) 2022204299 (22) 20.06.2022

(54) SHIPPING APPARATUS

(31) 63/213,255 (32) 22.06.21 (33) US

(71) NANOGRIID LIMITED. (HK)

(21) 2022204317 (22) 20.06.2022

(54) SYSTEMS AND METHODS FOR CONNECTING AND CONTROLLING CONFIGURABLE LIGHTING UNITS

(62) 2017254789

(71) NAVICO HOLDING AS

(21) 2022204376 (22) 22.06.2022

(54) BEAMFORMING SONAR SYSTEM WITH IMPROVED SONAR IMAGE FUNCTIONALITY, AND ASSOCIATED METHODS

(62) 2021205104

(71) NevRO COrp.

(21) 2022204272 (22) 17.06.2022

(54) Systems And Methods For Identifying And Treating Patients With High-Frequency Electrical Signals

(62) 2017202068

Complete Applications Filed - Name Index cont'd

(71) NNAK Pty Ltd
 (21) 2022204402 (22) 22.06.2022
 (54) Systems and methods for interacting with a user interface of an electronic device
 (31) 2021902017 (32) 02.07.21 (33) AU

(71) NORITZ CORPORATION
 (21) 2022204334 (22) 21.06.2022
 (54) COLLECTIVE EXHAUST SYSTEM
 (31) 2021-103863 (32) 23.06.21 (33) JP

(71) NORITZ CORPORATION
 (21) 2022204342 (22) 21.06.2022
 (54) EXHAUST ADAPTER
 (31) 2021-103864 (32) 23.06.21 (33) JP

(71) Northrop Grumman Systems Corporation
 (21) 2022204417 (22) 23.06.2022
 (54) Optical proximity system
 (31) 17/379,492 (32) 19.07.21 (33) US

(71) Norton (Waterford) Limited
 (21) 2022204311 (22) 20.06.2022
 (54) Inhalation monitoring system and method
 (62) 2021200443

(71) Nuseed Nutritional Australia Pty Ltd
 (21) 2022204359 (22) 22.06.2022
 (54) INBRED TRANSGENIC CANOLA LINE NS-B50027-4 AND SEEDS THEREOF
 (62) 2017283710

(71) NVIDIA Corporation
 (21) 2022204378 (22) 22.06.2022
 (54) 5G-NR multi-cell software framework
 (31) 17/359,061 (32) 25.06.21 (33) US

(71) Orthopediatrics Corp.
 (21) 2022204411 (22) 23.06.2022
 (54) Bottom loaded pedicle screw
 (62) 2020204098

(71) Paladin Safety Technologies Pty Ltd
 (21) 2022204341 (22) 21.06.2022
 (54) Vehicle Safety Device
 (31) 2021901857 (32) 21.06.21 (33) AU

(71) PepsiCo, Inc.
 (21) 2022204424 (22) 23.06.2022
 (54) Carbonated beverage makers, methods, and systems
 (62) 2017359300

(71) PepsiCo, Inc.
 (21) 2022204428 (22) 23.06.2022
 (54) Refrigerated merchandise display system
 (62) 2017225672

(71) Peptilogics, Inc.
 (21) 2022204354 (22) 21.06.2022
 (54) Engineered antimicrobial amphiphilic peptides and methods of use
 (62) 2018227569

(71) Pfizer Inc.; Boston Medical Center Corporation
 (21) 2022204368 (22) 22.06.2022
 (54) Recombinant ROBO2 proteins, compositions, methods and uses thereof
 (62) 2018278809

(71) PGG Wrightson Seeds Limited
 (21) 2022204361 (22) 22.06.2022
 (54) NITROGEN UTILISATION MODULATION
 (62) 2016339720

(71) Pioneer Hi-Bred International, Inc.
 (21) 2022204260 (22) 17.06.2022
 (54) QTLS ASSOCIATED WITH AND METHODS FOR IDENTIFYING WHOLE PLANT FIELD RESISTANCE TO SCLEROTINIA
 (62) 2019246847

(71) President and Fellows of Harvard College
 (21) 2022204298 (22) 20.06.2022
 (54) NUCLEOBASE EDITORS AND USES THEREOF
 (62) 2016342380

(71) Pride Mobility Products Corporation
 (21) 2022204310 (22) 20.06.2022
 (54) Seat positioning system for a wheelchair
 (62) 2020202663

(71) Qualcomm Incorporated
 (21) 2022204271 (22) 17.06.2022
 (54) TRANSMISSION SCHEME MANAGEMENT FOR COMMON CHANNELS IN NR
 (62) 2017322204

(71) Raccords et Plastiques Nicoll
 (21) 2022204377 (22) 22.06.2022
 (54) FITTING ASSEMBLY COMPRISING A SOCKET AND AN INTERCHANGEABLE RING
 (31) 21/07155 (32) 01.07.21 (33) FR

(71) REBIOTIX, INC.
 (21) 2022204369 (22) 22.06.2022
 (54) Microbiota restoration therapy (MRT), compositions and methods of manufacture
 (62) 2020202691

(71) REHAU Pty.Ltd.
 (21) 2022204418 (22) 23.06.2022
 (54) Drainage shaft, in particular for a drainage pipe system of a building
 (31) DE (32) 08.07.21 (33) DE
 202021002325.9

(71) REHAU Pty.Ltd.
 (21) 2022204419 (22) 23.06.2022
 (54) Systems, methods and devices for replacement of the temporomandibular joint
 (31) 17/356,477 (32) 23.06.21 (33) US

(71) Revolution Medicines, Inc.
 (21) 2022204275 (22) 17.06.2022
 (54) Bicyclic compounds as allosteric SHP2 inhibitors
 (62) 2018210770

(71) Rhino Rack Australia Pty Limited
 (21) 2022204323 (22) 20.06.2022
 (54) Fixing device
 (31) 2021901841 (32) 18.06.21 (33) AU

(71) Riddle & Code GmbH
 (21) 2022204264 (22) 17.06.2022
 (54) Protection device and dongle and method for using the same
 (62) 2017285278

(71) Rust-Oleum Corporation
 (21) 2022204247 (22) 17.06.2022
 (54) Propellantless aerosol system
 (62) 2020204511

(71) RxSafe LLC
 (21) 2022204232 (22) 17.06.2022
 (54) Verification system for a pharmacy packaging system
 (62) 2017221799

(71) S.A. LHOIST RECHERCHE ET DÉVELOPPEMENT
 (21) 2022204322 (22) 20.06.2022
 (54) ALKALINE OXIDATION PROCESS AND DEVICE FOR TREATING REFRACTORY SULFIDE ORE, IN PARTICULAR REFRACTORY GOLD ORE
 (62) 2021309568

(71) Sedana Medical Limited
 (21) 2022204261 (22) 17.06.2022
 (54) A Sedation Device
 (62) 2017281329

(71) Selecta Biosciences, Inc.
 (21) 2022204381 (22) 22.06.2022
 (54) TOLEROGENIC SYNTHETIC NANOCARRIERS FOR ALLERGY THERAPY
 (62) 2019232938

Complete Applications Filed - Name Index cont'd

(71) Selecta Biosciences, Inc.
 (21) 2022204392 (22) 22.06.2022
 (54) TOLEROGENIC SYNTHETIC NANO-CARRIERS TO REDUCE CYTOTOXIC T LYMPHOCYTE RESPONSES
 (62) 2019232935

(71) Selecta Biosciences, Inc.
 (21) 2022204395 (22) 22.06.2022
 (54) TOLEROGENIC SYNTHETIC NANO-CARRIERS FOR ANTIGEN-SPECIFIC DELETION OF T EFFECTOR CELLS
 (62) 2019232928

(71) SEMINIS VEGETABLE SEEDS, INC.
 (21) 2022204242 (22) 17.06.2022
 (54) BROCCOLI HYBRID SVBL0308
 (31) 17/549,365 (32) 13.12.21 (33) US
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(71) SharkNinja Operating LLC
 (21) 2022204276 (22) 18.06.2022
 (54) SURFACE CLEANING HEAD FOR VACUUM CLEANER
 (62) 2021201452

(71) Siemens Gamesa Renewable Energy A/S
 (21) 2022204270 (22) 17.06.2022
 (54) Wind turbine with a safety system having a plurality of gas outlets
 (31) EP21186313 (32) 19.07.21 (33) EP

(71) Snap-on Incorporated
 (21) 2022204420 (22) 23.06.2022
 (54) Machine press adaptor
 (31) 17/373,026 (32) 12.07.21 (33) US

(71) Synthro Inc.
 (21) 2022204382 (22) 22.06.2022
 (54) SYSTEMS AND TECHNIQUES FOR AGGREGATION, DISPLAY, AND SHARING OF DATA
 (62) 2016316125

(71) Tancream Limited
 (21) 2022204433 (22) 23.06.2022
 (54) SUN PROTECTIVE COMPOSITIONS
 (62) 2016355084

(71) TECHNIP FRANCE; Technip UK Ltd
 (21) 2022204243 (22) 17.06.2022
 (54) Direct tie-in method
 (62) 2016379022

Technip UK Ltd see TECHNIP FRANCE
 (21) 2022204243

(71) Techtronic Cordless GP
 (21) 2022204312 (22) 20.06.2022

(54) Power equipment with detachable accessory assembly
 (31) 63/215,103 (32) 25.06.21 (33) US

(71) Techtronic Floor Care Technology Limited
 (21) 2022204401 (22) 22.06.2022
 (54) Portable extractor
 (62) 2019343966

(71) Tendyne Holdings, Inc.
 (21) 2022204333 (22) 21.06.2022
 (54) IMPROVEMENTS FOR PROSTHETIC VALVES AND RELATED INVENTIONS
 (62) 2022201357

(71) Terra CO2 Technology Holdings, Inc.
 (21) 2022204367 (22) 22.06.2022
 (54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF
 (62) 2020303728

(71) Thales Holdings UK Plc
 (21) 2022204313 (22) 20.06.2022
 (54) A CASING FOR A TOWABLE SONAR APPARATUS AND A METHOD OF MANUFACTURING A CASING FOR A TOWABLE SONAR APPARATUS
 (31) 2108892.7 (32) 21.06.21 (33) GB

(71) The Banktech Group Pty Ltd
 (21) 2022204347 (22) 21.06.2022
 (54) METHODS AND SYSTEMS FOR OPERATING A DIGITAL WALLET FOR GAMING

(71) The Banktech Group Pty Ltd
 (21) 2022204348 (22) 21.06.2022
 (54) METHODS AND SYSTEMS FOR LINKING AND OPERATING DIGITAL WALLETS AND VENUE ACCOUNTS

(71) The Board of Trustees of the Leland Stanford Junior University; Agilent Technologies, Inc.
 (21) 2022204254 (22) 17.06.2022
 (54) CHEMICALLY MODIFIED GUIDE RNAs FOR CRISPR/CAS-MEDIATED GENE REGULATION
 (62) 2016246450

(71) The Children's Hospital of Philadelphia
 (21) 2022204324 (22) 20.06.2022
 (54) Methods of diagnosing and treating Tourette syndrome
 (62) 2016318780

(71) The Children's Hospital of Philadelphia
 (21) 2022204355 (22) 21.06.2022

(54) Methods of diagnosing and treating anxiety disorder
 (62) 2016318786

(71) The Provost, Fellows, Scholars and Other Members of Board of Trinity College Dublin
 (21) 2022204455 (22) 23.06.2022
 (54) A METHOD OF PRODUCING A LOW-LACTOSE MILK PROTEIN ISOLATE
 (31) 21166124.4 (32) 31.03.21 (33) EP

(71) The Rockefeller University; California Institute of Technology
 (21) 2022204340 (22) 21.06.2022
 (54) HUMAN IMMUNODEFICIENCY VIRUS NEUTRALISING ANTIBODIES AND METHODS OF USE THEREOF
 (62) 2020201993

The University of Birmingham see University of Virginia Patent Foundation
 (21) 2022204339

(71) The University of Queensland
 (21) 2022204362 (22) 22.06.2022
 (54) DIFFERENTIATION OF PLURIPOTENT STEM CELLS TO FORM RENAL ORGANOID
 (62) 2014277667

(71) Thomson Reuters Enterprise Centre GmbH
 (21) 2022204257 (22) 17.06.2022
 (54) IMPROVED DOCKET SEARCH AND ANALYTICS ENGINE
 (62) 2016219616

(71) Transportation IP Holdings, LLC
 (21) 2022204327 (22) 21.06.2022
 (54) CONTROL SYSTEM AND METHOD FOR A VEHICLE SYSTEM
 (62) 2020289780

(71) TScan Therapeutics, Inc.; AHS Hospital Corp.
 (21) 2022204350 (22) 21.06.2022
 (54) SARS-CoV-2 immunodominant peptide constructs and uses thereof
 (62) 2021323389

(71) University of Florida Research Foundation, Inc.
 (21) 2022204246 (22) 17.06.2022
 (54) CAPSID-MODIFIED, RAAV3 VECTOR COMPOSITIONS AND USES IN GENE THERAPY OF HUMAN LIVER CANCER
 (62) 2020200041

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(71) University of Virginia Patent Founda-
tion; The University of Birmingham
(21) 2022204339 (22) 21.06.2022
(54) Target peptides for colorectal cancer
therapy and diagnostics
(62) 2020202110

(71) VIALASE, INC.
(21) 2022204252 (22) 17.06.2022
(54) NON-INVASIVE AND MINIMALLY IN-
VASIVE LASER SURGERY FOR THE
REDUCTION OF INTRAOCULAR
PRESSURE IN THE EYE
(62) 2019336593

(71) Vifor (International) AG
(21) 2022204380 (22) 22.06.2022
(54) Pharmaceutical composition, compris-
ing phosphate binder particles
(62) 2020217386

(71) Vorwerk & Co. Interholding GmbH
(21) 2022204386 (22) 22.06.2022
(54) Potato peeling disc, food processor and
method
(31) 21186949.0 (32) 21.07.21 (33) EM
22158305.7 23.02.22 EM

(71) Westra van Holthe, J.
(21) 2022204300 (22) 20.06.2022
(54) Plant Leaf thickness through the optim-
ization of Plant Characteristics using
Mutation in Brassica rapa
(31) 2021901883 (32) 23.06.21 (33) AU

(71) Williams, J.
(21) 2022204315 (22) 20.06.2022
(54) Universal Easy Clean Light Switch Sur-
round

(71) Wirebutter Pty Ltd
(21) 2022204318 (22) 20.06.2022
(54) SYSTEM AND METHOD OF CON-
TROLLING SUPPLY OF ELECTRICAL
POWER
(62) 2020203483

(71) Yoda Pharmaceuticals Inc.
(21) 2022204432 (22) 23.06.2022
(54) Benzimidazole derivatives for treatment
and/or prevention of diseases and dis-
orders mediated by NLRP3
(31) 63/213,943 (32) 23.06.21 (33) US

(71) Zeus Company Inc.
(21) 2022204383 (22) 22.06.2022
(54) PEELABLE HEAT-SHRINKING
TUBING
(62) 2020201813

(71) ZHEJIANG JINKO SOLAR CO., LTD.;
JINKO SOLAR CO., LTD.
(21) 2022204349 (22) 21.06.2022
(54) SOLAR CELL AND PRODUCTION
METHOD THEREOF, PHOTOVOLTAIC
MODULE
(31) CN (32) 26.05.22 (33) CN
202210590274.5

(71) ZHEJIANG JINKO SOLAR CO., LTD.;
JINKO SOLAR CO., LTD.
(21) 2022204357 (22) 21.06.2022
(54) SOLAR CELL, PHOTOVOLTAIC MOD-
ULE, AND METHOD FOR PREPARING
THE SOLAR CELL
(31) CN (32) 11.04.22 (33) CN
202210377277.0

(71) ZONKE SENO TECHNOLOGY CO.,
LTD.
(21) 2022204407 (22) 23.06.2022
(54) A porous free-standing flexible thick
electrode sheet and its preparation
method
(31) 202210160505.9 (32) 22.02.22 (33) CN

(71) ZTE Corporation
(21) 2022204379 (22) 22.06.2022
(54) Transmission method and apparatus
(62) 2019248665

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2022204232	RxSafe LLC	2022204323	Rhino Rack Australia Pty Limited
2022204233	Aqua-Aerobic Systems, Inc.	2022204324	The Children's Hospital of Philadelphia
2022204234	CareFusion 303, Inc.	2022204325	FST INNOVATION PTY LTD
2022204236	Abbott Diabetes Care Inc.	2022204326	Elanco New Zealand
2022204237	Beckman Coulter, Inc.	2022204327	Transportation IP Holdings, LLC
2022204238	ERX Pharmaceuticals Inc	2022204328	Fujitsu Limited
2022204239	Hasan, S.K.	2022204329	Hudswell, C.
2022204240	Janssen Pharmaceutica NV	2022204330	Deka Products Limited Partnership
2022204241	Accenture Global Solutions Limited	2022204331	Deere & Company
2022204242	SEMINIS VEGETABLE SEEDS, INC.	2022204332	Komatsu Ltd.
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2022204245	Eagle Pharmaceuticals, Inc.	2022204335	Beijing Tusen Zhitu Technology Co., Ltd.
2022204246	University of Florida Research Foundation, Inc.	2022204336	Beijing Tusen Zhitu Technology Co., Ltd.
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2022204248	Labanie, F.	2022204338	CommScope Technologies LLC
2022204249	Aristocrat Technologies, Inc.	2022204339	University of Virginia Patent Foundation; The University of Birmingham
2022204250	Chadra Laboratories LLC	2022204340	The Rockefeller University; California Institute of Technology
2022204252	VIALASE, INC.	2022204341	Paladin Safety Technologies Pty Ltd
2022204254	The Board of Trustees of the Leland Stanford Junior University; Agilent Technologies, Inc.	2022204342	NORITZ CORPORATION
2022204256	Apple Inc.	2022204343	Janssen Pharmaceutica NV
2022204257	Thomson Reuters Enterprise Centre GmbH	2022204344	LINEAGE LOGISTICS, LLC
2022204258	Able AI, Inc.	2022204345	Canva Pty Ltd
2022204259	JPMorgan Chase Bank, N.A.	2022204346	Deere & Company
2022204260	Pioneer Hi-Bred International, Inc.	2022204347	The Banktech Group Pty Ltd
2022204261	Sedana Medical Limited	2022204348	The Banktech Group Pty Ltd
2022204262	Molecular Insight Pharmaceuticals, Inc.	2022204349	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022204263	Huawei Technologies Co., Ltd.	2022204350	TScan Therapeutics, Inc.; AHS Hospital Corp.
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2022204265	Kao, H.	2022204352	Craig, D.; McKeown, D.
2022204266	LG ELECTRONICS INC.	2022204353	Canon Kabushiki Kaisha
2022204267	Bharat Biotech International Limited	2022204354	Peptilogics, Inc.
2022204268	Medline Industries, LP	2022204355	The Children's Hospital of Philadelphia
2022204269	Hubbell Incorporated	2022204356	Buffalo Filter LLC
2022204270	Siemens Gamesa Renewable Energy A/S	2022204357	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022204271	Qualcomm Incorporated	2022204359	Nuseed Nutritional Australia Pty Ltd
2022204272	NevRO COrp.	2022204360	INGURAN, LLC
2022204273	Applied Medical Resources Corporation	2022204361	PGG Wrightson Seeds Limited
2022204274	Genzyme Corporation	2022204362	The University of Queensland
2022204275	Revolution Medicines, Inc.	2022204363	Drinks Holdings, Inc.
2022204276	SharkNinja Operating LLC	2022204364	ESCO Group LLC
2022204277	DUNCAN, D.	2022204365	Illumina, Inc.
2022204298	President and Fellows of Harvard College	2022204366	Conduit Space Recovery Systems, LLC
2022204299	Nalto Marketing Ltd.	2022204367	Terra CO2 Technology Holdings, Inc.
2022204300	Westra van Holthe, J.	2022204368	Pfizer Inc.; Boston Medical Center Corporation
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2022204302	A & I Coatings Group Pty Ltd	2022204370	Fisher & Paykel Healthcare Limited
2022204303	DD Innovations B.V.	2022204371	Games Global Works Limited
2022204304	DD Innovations B.V.	2022204372	Aristocrat Technologies Australia Pty Limited
2022204305	DD Innovations B.V.	2022204373	BIOSIGHT LTD.
2022204306	DD Innovations B.V.	2022204374	CNH Industrial America LLC
2022204307	CareFusion 303, Inc.	2022204375	Fisher & Paykel Healthcare Limited
2022204308	Acorn Engineering Company	2022204376	NAVICO HOLDING AS
2022204309	CarbonX IP 3 B.V.	2022204377	Raccords et Plastiques Nicoll
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2022204313	Thales Holdings UK Plc	2022204381	Selecta Biosciences, Inc.
2022204314	Dolby International AB	2022204382	Synthro Inc.
2022204315	Williams, J.	2022204383	Zeus Company Inc.
2022204316	Gen-Probe Incorporated	2022204384	Applied Medical Resources Corporation
2022204317	NANOGRID LIMITED. (HK)	2022204385	CMR Surgical Limited
2022204318	Wirebutter Pty Ltd	2022204386	Vorwerk & Co. Interholding GmbH
2022204319	LG ELECTRONICS INC.	2022204387	Fisher & Paykel Healthcare Limited
2022204320	Element Biosciences, Inc.		
2022204321	Globaltech Corporation Pty Ltd		
2022204322	S.A. LHOIST RECHERCHE ET DÉVELOPPEMENT		

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2022204388 Clinicom International, Inc.
2022204389 Equinox Ophthalmic, Inc.
2022204390 Gilead Sciences, Inc.
2022204391 Bonac Corporation
2022204392 Selecta Biosciences, Inc.
2022204394 Centurion Medical Products Corporation
2022204395 Selecta Biosciences, Inc.
2022204396 Microport Orthopedics Holdings Inc.
2022204397 Dolby Laboratories Licensing Corporation
2022204398 Beijing Geekplus Technology Co., Ltd.
2022204399 Gilead Sciences, Inc.
2022204400 Caterpillar Inc.
2022204401 Techtronic Floor Care Technology Limited
2022204402 NNAK Pty Ltd
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2022204408 Brandt Industries Canada Ltd.
2022204409 Brandt Industries Canada Ltd.
2022204410 Air Products and Chemicals, Inc.
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2022204413 CTEK Sweden AB
2022204414 ETA Green Power Limited
2022204415 ETA Green Power Limited
2022204416 Lamb Weston, Inc.
2022204417 Northrop Grumman Systems Corporation
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2022204419 REHAU Pty.Ltd.
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2022204421 Dolby Laboratories Licensing Corporation
2022204422 Apple Inc.
2022204423 Kite Pharma, Inc.
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2022204429 Idemia Identity & Security France
2022204430 Evolva SA
2022204431 Games Lab Pty Limited
2022204432 Yoda Pharmaceuticals Inc.
2022204433 Tancream Limited
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2022204464 Gretals Australia Pty Ltd

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Applications listed below were processed through the Patent Office Canberra during the period ending 21 Jun 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) HCSL Pty Ltd
(21) 2022100084 (22) 21.06.2022
(54) Building Panel
(62) 2019338428

(71) Xceed Mining Services Pte. Ltd.
(21) 2022100083 (22) 21.06.2022
(54) BLAST HOLE DRILLING
(62) 2019100881

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2022100083 Xceed Mining Services Pte. Ltd.

2022100084 HCSL Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2002

2002048818 (14) 2002048819 (14) 2002048824 (14)
 2002048853 (14) 2002048875 (14) 2002048878 (14)
 2002048894 (14) 2002048901 (14) 2002048902 (14)
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 2019396544 (25D)

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2021

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 2021901971 (12AN)

2022

2022201818 (1B) 2022202207 (1B) 2022204227 (12AN)
 2022900970 (17AN)

Assignments before Grant, Section 113

2016

2016332565 ConocoPhillips Company The application has been assigned to **Shearwater GeoServices Software Inc.**

Assignments before Grant, Section 113

2016361426 Cellerant Therapeutics, Inc. The application has been assigned to **ONK Therapeutics Limited**

2016419450 Enzymotec Ltd. The application has been assigned to **Frutarom Limited**

2017

2017330796 LG Chem, Ltd. The application has been assigned to **LG Energy Solution, LTD**

2017354166 ConocoPhillips Company The application has been assigned to **Shearwater GeoServices Software Inc.**

2017360396 LG Chem, Ltd. The application has been assigned to **LG Energy Solution, LTD**

2017376766 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2017414765 ConocoPhillips Company The application has been assigned to **Shearwater GeoServices Software Inc.**

2018

2018285734 River Stone Biotech ApS The application has been assigned to **River Stone Biotech Inc.**

2018289351 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2018289354 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2018308076 LG Chem, Ltd. The application has been assigned to **LG Energy Solution, LTD**

2018310053 LG Chem, Ltd. The application has been assigned to **LG Energy Solution, LTD**

2018316256 Ohio State Innovation Foundation; Caligiuri, Michael; Yu, Jianhua; Xu, Bo The application has been assigned to **Ohio State Innovation Foundation**

2018354364 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2018368796 ConocoPhillips Company The application has been assigned to **Shearwater GeoServices Software Inc.**

2018386218 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2019

2019206509 SUN, Lindong; PRICE, Charles; WANG, Yi; LIU, Liu; ZHANG, Ruiliang; HAN, Xiaoling; TuSimple, Inc. The application has been assigned to **TuSimple, Inc.**

2019239955 Knopp Biosciences LLC The application has been assigned to **Biohaven Therapeutics Ltd.**

Assignments before Grant, Section 113

2019249160 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2019249161 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2019277656 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2019309335 Cardomon International Limited The application has been assigned to **DS Services of America, Inc.; Crystal Mountain International Limited**

2019346601 ConocoPhillips Company The application has been assigned to **Shearwater GeoServices Software Inc.**

2019377959 NewSouth Innovations Pty Ltd The application has been assigned to **Diraq Pty Ltd**

2019383351 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2019384104 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2019384692 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2020

2020216064 NewSouth Innovations Pty Limited The application has been assigned to **Diraq Pty Ltd**

2020253385 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2020274979 DryShield, LLC The application has been assigned to **Solmetex, LLC**

2020277232 Asana Biosciences, LLC The application has been assigned to **ABS Development 1, Inc.**

2020304019 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2020307561 Tarveda Therapeutics, Inc. The application has been assigned to **TVA (ABC), LLC**

2020319898 Aquantis, Inc. The application has been assigned to **Dehlsen Associates, LLC**

2020350614 Knopp Biosciences LLC The application has been assigned to **Biohaven Therapeutics Ltd.**

2020391223 Andrews, Michael; Tiger Tool International Incorporated The application has been assigned to **Tiger Tool International Incorporated**

Assignments before Grant, Section 113**2021**

2021200670 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2021201238 ConocoPhillips Company The application has been assigned to **Shearwater GeoServices Software Inc.**

2021204425 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2021209171 Norway Grange Pty Ltd The application has been assigned to **DCL Plumbing Services Pty Ltd**

2021212022 Area-I Inc. The application has been assigned to **Anduril Industries, Inc.**

2021269743 GetSignature Holdings Pty Ltd The application has been assigned to **GetSignature IP Pty Ltd**

2021901442 SPEEDPILE PTY LTD The application has been assigned to **Andersen, Craig**

2021901835 Bionic Products Pty Ltd The application has been assigned to **Bionic IP Pty Ltd**

2021901917 Welman, Alan; DSM New Business Development B.V.; Fonterra Co-Operative Group Limited; Sagt, Cees; Nelisse, Pieter; Hill, Jeremy; Los, Alrik; Hewitt, Sheelagh; Anema, Skelte The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2021901923 NewSouth Innovations Pty Limited The application has been assigned to **Diraq Pty Ltd**

2021902356 Silicon Quantum Computing Pty Limited; NewSouth Innovations Pty Limited The application has been assigned to **Diraq Pty Ltd**

2021903589 Fonterra Co-operative Group Limited; Nelisse, Pieter; DSM IP Assets B.V.; Los, Alrik; Sagt, Cees; Anema, Skelte; Hill, Jeremy; Welman, Alan; Hewitt, Sheelagh; Meijrink, Bernard; Van Der Hoeven, Robertus The application has been assigned to **FONTERRA CO-OPERATIVE GROUP LIMITED**

2021903802 Bionic Products Pty Ltd The application has been assigned to **Bionic IP Pty Ltd**

2022

2022200195 Hunt Perovskite Technologies, L.L.C. The application has been assigned to **CubicPV Inc.**

2022201298 Solar Choice Pty Ltd The application has been assigned to **Solar Choice 1 Pty Ltd**

2022203205 Shanghai Yinshun Trading Co., Ltd. The application has been assigned to **Shanghai Linghuo Trading Co., Ltd.**

2022203206 Shanghai Yinshun Trading Co., Ltd. The application has been assigned to **Shanghai Linghuo Trading Co., Ltd.**

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

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

2021

2021201642 **ParaNetics, Inc.** An application to extend the time from 07 Nov 2021 to 07 Jun 2022 in which to pay a continuation fee has been filed . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd Brisbane Club Tower L 15 241 Adelaide St Brisbane City QLD 4000 AU

Applications Allowed - Section 223(2)**2015**

2015295349 **Collectis** The time in which to pay a renewal fee has been extended to 28 Feb 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017

2017268658 **Elsen Stone Pty Ltd** The time in which to request examination has been extended to 22 Jun 2022 . Address for service - EM-MERSON LEGAL AND ACCOUNTING PTY LTD PO Box 77 GATTON QLD 4343 AU

2022

2022202372 **Denali Therapeutics Inc.** The time in which to make a further application for a divisional patent has been extended to 04 May 2022 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2022204095 **EL-Sallam, A.** The time in which to associate with a complete application has been extended to 12 Jun 2022 . Address for service - Amar EL-Sallam 48 Gillon St Karawara WA 6152 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

2016365400 Piperidinyl nociceptin receptor compounds **Astraea Therapeutics, LLC** The nature of the amendment is: Remove the names of co-inventors Journigan, V. Blair and Yasuda, Dennis . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2016371779 Modified capsid proteins for enhanced delivery of parvovirus vectors **The University of North Carolina at Chapel Hill** The nature of the amendment is as shown in the statement(s) filed 20

Amendments

Jun 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016373576 Tri-molecular complex of natural compounds **Parachur, V.** The nature of the amendment is: Amend the name of the inventor by adding NIRVANASHETTY, Somashekara . Address for service - Acumen Intellectual Property PO Box 140 Berridale NSW 2628 AU

2017

2017202369 Patterned Film for Forming Fluid-Filled Blister, Microfluidic Blister, and Kit and Method of Forming **NATIONAL RESEARCH COUNCIL OF CANADA** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2022 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2017319500 Inhibitors of cellular metabolic processes **Les Laboratoires Servier** The nature of the amendment is as shown in the statement(s) filed 21 Apr 2022 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2017429631 Fabricating a device using a multilayer stack **Google LLC** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2019

2019249849 BRM targeting compounds and associated methods of use **Arvinas Operations, Inc. ; Genentech, Inc.** The nature of the amendment is as shown in the statement(s) filed 08 Jun 2022 . Address for service - MINTER ELLISON Level 40 1 Farrer Place Sydney NSW 2000 AU

2019250928 INFORMATION SENDING METHOD, KEY GENERATION METHOD, AND APPARATUS **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2022 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2020

2020222080 Hydroxypyridoxazepines as Nrf2 activators **GlaxoSmithKline Intellectual Property Development Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2020233773 STILBENE DERIVATIVE AND METHOD FOR PREPARING SAME **NANORMICS INCORPORATION CO., LTD.** The nature of the amendment is: Correct the name of the applicant to read OZCHELA INC. . Address for service - Collison & Co GPO Box 2556 Adelaide SA 5001 AU

2020279102 Cap and container for carbonated drinks **PepsiCo, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jun 2022 . Address for service - Allens Patent & Trade Mark Attorneys Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

Amendments Made

Amendments**2009**

2009233658 **Allegion (Australia) Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2022

2014

2014260826 **Sony Corporation** The nature of the amendment is as shown in the statement filed 08 Feb 2022

2016

2016301315 **Sumitomo Pharma Oncology, Inc.** The nature of the amendment is as shown in the statement filed 11 Mar 2022

2016378925 **Edinburgh Biosciences Limited** The nature of the amendment is: Amend the name of the inventor to read Smith, Desmond and Kerr, Alan

2017

2017274416 **Finch Therapeutics Holdings LLC** The nature of the amendment is as shown in the statement filed 24 Mar 2022

2018

2018211256 **Hot Stuff Packaging Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2018102241

2018301829 **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is: Add the name of co-inventor MCGREGOR, Tracey L.

2019

2019315778 **Novartis AG** The nature of the amendment is as shown in the statement filed 21 Mar 2022

2019327091 **Asahi Kasei Kabushiki Kaisha** The nature of the amendment is: Amend the patent request to add patent of addition 2017364461

2019390331 **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2022

2019475299 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read USER EQUIPMENT LOCATION INFORMATION REPORTING METHOD, USER EQUIPMENT, AND NETWORK DEVICE

2020

2020201598 **Seres Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 29 Mar 2022

2020202779 **Google LLC** The nature of the amendment is as shown in the statement(s) filed 31 Mar 2022

2020227759 **Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.** The nature of the amendment is: Amend the invention title to read Refrigerator preventing air supply duct from falling down

Amendments

2020245334 **Tirth Agro Technology Pvt. Ltd.** The nature of the amendment is: Amend the name of the inventor to read DAMANI, Kaushik Anilbhai and GOHIL, Hasmukh Gatorbhai

2020245407 **Tirth Agro Technology Pvt. Ltd.** The nature of the amendment is: Amend the name of the inventor to read DAMANI, Kaushik Anilbhai and GOHIL, Hasmukh Gatorbhai

2020247625 **Tirth Agro Technology Pvt. Ltd.** The nature of the amendment is: Amend the name of the inventor to read DAMANI, Kaushik Anilbhai and GOHIL, Hasmukh Gatorbhai

2020250174 **Tirth Agro Technology Pvt. Ltd.** The nature of the amendment is: Amend the name of the inventor to read DAMANI, Kaushik Anilbhai and GOHIL, Hasmukh Gatorbhai

2020250175 **Tirth Agro Technology Pvt. Ltd.** The nature of the amendment is: Amend the name of the inventor to read DAMANI, Kaushik Anilbhai and GOHIL, Hasmukh Gatorbhai

2020251526 **Tirth Agro Technology Pvt. Ltd.** The nature of the amendment is: Amend the name of the inventor to read DAMANI, Kaushik Anilbhai and GOHIL, Hasmukh Gatorbhai

2020253522 **Dow AgroSciences LLC** The nature of the amendment is: Amend the name of the inventor to read SPOMER, Neil A.; HANSON, Michael K.; BRUNE, Douglas K.; WELCH, Nathaniel; BEISTLE, Edward G.; BAXTER Jr., Richard V. and NAGLE, Jeffrey D.

2020386428 **United States Government as Represented by the Department of Veterans Affairs; Trustees of the University of Pennsylvania** The nature of the amendment is: Amend the name of the inventor to read GULLBRAND, Sarah E.; MAUCK, Robert L. and SMITH, Harvey E.

2020388648 **MacDougall, F.** The nature of the amendment is: Amend the name of the inventor to read MACDOUGALL, Frederick William

2020394993 **Astellas Pharma Inc.; Riken** The nature of the amendment is: Amend the invention title to read NY-ESO-1-CONTAINING ARTIFICIAL ADJUVANT VECTOR CELL FOR USE IN TREATMENT OF CANCER

2020398783 **Astellas Pharma Inc.; Riken** The nature of the amendment is: Amend the invention title to read METHOD FOR TREATING CANCER USING ARTIFICIAL ADJUVANT CELL (aAVC)

2020414631 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Work machine control system, work machine, and work machine control method

2021

2021217260 **Fujikura Ltd.** The nature of the amendment is: Amend the invention title to read Optical fiber cable and method of manufacturing optical fiber cable

2021223406 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read Work machine and remote operation system for work machine

Amendments

2021243136 **Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.** The nature of the amendment is: Amend the invention title to read Management Apparatus

2022

2022203599 **BASF Agrochemical Products B.V.** The nature of the amendment is: Amend the name of the inventor to read Sikuljak, Tatjana; Gewehr, Markus and Menon, Anil

2022203684 **The Babcock & Wilcox Company** The nature of the amendment is as shown in the statement filed 30 May 2022

2022203948 **Fochon Pharmaceuticals, Ltd.** The nature of the amendment is: Amend the name of the inventor to read Liu, Hongbin; Rong, Yue; Zhang, Huajie; Chen, Zhifang; Tan, Rui; He, Chengxi; Li, Zhifu; Zhou, Zuwen; Tan, Haohan; Tan, Kai; Wang, Xianlong; Zou, Zongyao; Jiang, Lihua; Liu, Yanxin; Zhao, Xingdong; Wang, Weibo and Fu, Jiemin

2022901653 **The Trustee for TESIP Discretionary Trust** The nature of the amendment is: To amend the applicant name to read The Trustee for TESIP Discretionary Trust

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

2009

2009241755 **Acceleron Pharma, Inc. ; Ludwig Institute for Cancer Research Ltd.** The name of the patentee has been altered to **Ludwig Institute for Cancer Research Ltd.; Acceleron Pharma Inc.**

2010

2010299895 **GEMoAB GmbH** The name of the patentee has been altered to **AvenCell Europe GmbH**

2011

2011287549 **GEMoAB GmbH** The name of the patentee has been altered to **AvenCell Europe GmbH**

2012

2012277784 **GEMoAB GmbH** The name of the patentee has been altered to **AvenCell Europe GmbH**

2012358267 **Neena Summers; Kimberly Delaney; Juan Pedro Humberto Arhancet; Kathleen B. Hall; Juan P. Arhancet ; Apse, LLC** The name of the patentee has been altered to **Apse, LLC**

2014

2014261788 **Universite de Nantes ; OGD2 Pharma** The name of the patentee has been altered to **Nantes Université; OGD2 Pharma**

2014345942 **Universite de Nantes ; OGD2 Pharma** The name of the patentee has been altered to **OGD2 Pharma; Nantes Université**

2015

2015308499 **GEMoAB GmbH** The name of the patentee has been altered to **AvenCell Europe GmbH**

Amendments

2016

2016318762 **Universite de Nantes ; INSERM (Institut National de la Sante et de la Recherche Medicale); Centre Hospitalier Universitaire de Nantes** The name of the applicant has been altered to **Nantes Université; INSERM (Institut National de la Sante et de la Recherche Medicale); Centre Hospitalier Universitaire de Nantes**

2016342348 **Gary Sharp Innovations, LLC** The name of the patentee has been altered to **Gary Sharp Innovations, Inc.**

2017

2017242900 **UCB Biopharma Sprl** The name of the applicant has been altered to **UCB Biopharma SRL**

2017246493 **CMBlu Projekt AG** The name of the applicant has been altered to **CMBlu Energy AG**

2017246494 **CMBlu Projekt AG** The name of the applicant has been altered to **CMBlu Energy AG**

2017267943 **The Regents of The Univesity of Michigan** The name of the applicant has been altered to **The Regents of The University of Michigan**

2017293023 **Shanghai Clear Fluid Biomedical Science Co., Ltd.** The name of the patentee has been altered to **Shanghai Clear Fluid Biomedical Science & Technology Co., Ltd.**

2017305103 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2017307643 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2017307644 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2017346940 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018

2018100837 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018100920 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018100921 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018100923 **Zelda Therapeutics Operations Pty Ltd** The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

Amendments

2018100924 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018100925 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018100928 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018101357 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018200237 Acceleron Pharma, Inc. ; Ludwig Institute for Cancer Research Ltd. The name of the patentee has been altered to **Ludwig Institute for Cancer Research Ltd.; Acceleron Pharma Inc.**

2018230767 Gary Sharp Innovations, LLC The name of the applicant has been altered to **Gary Sharp Innovations, Inc.**

2018280856 GEMoaB GmbH The name of the applicant has been altered to **AvenCell Europe GmbH**

2018286647 Zelda Therapeutics Operations Pty Ltd The name of the applicant has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018304186 Gary Sharp Innovations, LLC The name of the applicant has been altered to **Gary Sharp Innovations, Inc.**

2018333282 Zelda Therapeutics Operations Pty Ltd The name of the applicant has been altered to **Zelira Therapeutics Operations Pty Ltd**

2018368783 Gary Sharp Innovations, LLC The name of the applicant has been altered to **Gary Sharp Innovations, Inc.**

2018369528 Brightstar Corp. The name of the applicant has been altered to **Likewise Corp.**

2019

2019203529 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2019208177 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2019211465 Southern Eye Equipment The name of the applicant has been altered to **Southern Eye Equipment Pty Ltd**

2019211498 Gary Sharp Innovations, LLC The name of the applicant has been altered to **Gary Sharp Innovations, Inc.**

2019220363 CMBlu Projekt AG The name of the applicant has been altered to **CMBlu Energy AG**

Amendments

2019220364 CMBlu Projekt AG The name of the applicant has been altered to **CMBlu Energy AG**

2019232838 Acceleron Pharma, Inc. ; Ludwig Institute for Cancer Research Ltd. The name of the patentee has been altered to **Acceleron Pharma Inc.; Ludwig Institute for Cancer Research Ltd.**

2019235221 KIST Europe Forschungsgesellschaft mbH; CMBlu Projekt AG The name of the applicant has been altered to **KIST Europe Forschungsgesellschaft mbH; CMBlu Energy AG**

2019253841 Zelda Therapeutics Operations Pty Ltd The name of the patentee has been altered to **Zelira Therapeutics Operations Pty Ltd**

2019286554 GEMoaB GmbH The name of the applicant has been altered to **AvenCell Europe GmbH**

2019358207 Gary Sharp Innovations, LLC The name of the applicant has been altered to **Gary Sharp Innovations, Inc.**

2019363213 River Stone Biotech LLC The name of the applicant has been altered to **River Stone Biotech, Inc.**

2019372438 Gary Sharp Innovations, LLC The name of the applicant has been altered to **Gary Sharp Innovations, Inc.**

2020

2020200751 GEMoaB GmbH The name of the patentee has been altered to **AvenCell Europe GmbH**

2020233647 Shanghai Clear Fluid Biomedical Science Co., Ltd. The name of the applicant has been altered to **Shanghai Clear Fluid Biomedical Science & Technology Co., Ltd.**

2020359005 Vytelle, LLC The name of the applicant has been altered to **VYTELLE LLC**

2020381525 The UAB Research Foundation; Children's of Alabama The name of the applicant has been altered to **The UAB Research Foundation; The Children's Hospital of Alabama**

2020388648 MacDougall, Fredrick The name of the applicant has been altered to **MacDougall, F.**

2021

2021201355 Fidelta D.O.O. The name of the applicant has been altered to **Selvita d.o.o.**

2021205115 Zelda Therapeutics Operations Pty Ltd The name of the applicant has been altered to **Zelira Therapeutics Operations Pty Ltd**

2021240296 Zelda Therapeutics Operations Pty Ltd The name of the applicant has been altered to **Zelira Therapeutics Operations Pty Ltd**

Amendments

2021240297 Zelda Therapeutics Operations Pty Ltd The name of the applicant has been altered to **Zelira Therapeutics Operations Pty Ltd**

2021286240 Acceleron Pharma, Inc. ; Ludwig Institute for Cancer Research Ltd. The name of the applicant has been altered to **Ludwig Institute for Cancer Research Ltd.; Acceleron Pharma Inc.**

2021901966 Axiom Holographics Holdings Limited The name of the applicant has been altered to **Axiom Holographics Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) AAC Building Products Pty Ltd
 (11) AU-A-2021221510
 (21) 2021221510 (22) 24.08.2021
 (54) A system and method for moving objects between vertically and/or horizontally spaced-apart locations on a building or like structure
 (51) Int. Cl.
B66C 21/02 (2006.01)
B66D 3/18 (2006.01)
E04G 21/16 (2006.01)
 (31) 2020904822 (32) 23.12.20 (33) AU
 (43) 07.07.2022
 (72) Garrubba, Michael; Sekuloski, Alex
 (74) FPA Patent Attorneys Pty Ltd

(71) AbSci, LLC
 (11) AU-A-2022204192
 (21) 2022204192 (22) 16.06.2022
 (54) Inducible coexpression system
 (51) Int. Cl.
C12N 15/70 (2006.01)
 (43) 07.07.2022
 (62) 2019202844
 (72) McClain, Sean; Valasek, Marks
 (74) Griffith Hack

(71) Accenture Global Solutions Limited
 (11) AU-A-2021282447
 (21) 2021282447 (22) 08.12.2021
 (54) EXTENDED REALITY ENVIRONMENT GENERATION
 (51) Int. Cl.
G06T 19/00 (2011.01)
G06K 9/00 (2006.01)
G06Q 50/08 (2012.01)
G06T 3/40 (2006.01)
G06T 15/00 (2011.01)
G06T 17/00 (2006.01)
 (31) 17/131,283 (32) 22.12.20 (33) US
 (43) 07.07.2022
 (72) MACAGNANO, Dario; BOURDEAU, Christophe; COUTINHO, Reuben; DONALDSON, Lia; LE, Sing; HE, Shan
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2022204241
 (21) 2022204241 (22) 17.06.2022
 (54) MACHINE LEARNING CLASSIFICATION AND PREDICTION SYSTEM
 (51) Int. Cl.
G06Q 40/00 (2012.01)
G06N 7/00 (2006.01)
G06Q 10/04 (2012.01)
 (43) 07.07.2022
 (62) 2020202909
 (72) NANDAN, Priyank; CORK, Gareth; CHOUDHRY, Sherif Aurangzeb Saeed;

AYDINLI, Ali Yagmur; HODGE, Andrew; MCGINTY, David James
 (74) Murray Trento & Associates Pty Ltd

(71) Agamalis, P.
 (11) AU-A-2021290364
 (21) 2021290364 (22) 23.12.2021
 (54) REMOVABLE ROAD VEHICLE COVERS AND MOULDINGS FOR DENT AND SCRATCH PROTECTION
 (51) Int. Cl.
B60R 19/42 (2006.01)
B60J 11/06 (2006.01)
B60R 13/04 (2006.01)
B60R 19/22 (2006.01)
 (31) 2020904834 (32) 23.12.20 (33) AU
 (43) 07.07.2022
 (72) Agamalis, Peter
 (74) Krouzer IP

Agilent Technologies, Inc. see The Board of Trustees of the Leland Stanford Junior University
 (21) 2022204254

(71) Agrigenetics, Inc.
 (11) AU-A-2022204244
 (21) 2022204244 (22) 17.06.2022
 (54) Canola germplasm exhibiting seed compositional attributes that deliver enhanced canola meal nutritional value having omega-9 traits
 (51) Int. Cl.
A01H 4/00 (2006.01)
A01H 1/06 (2006.01)
C12N 15/00 (2006.01)
 (43) 07.07.2022
 (62) 2019222884
 (72) Kubik, Thomas James; Gingera, Gregory R.; Ripley, Van Leonard; Beaith, Michelle E.; Patterson, Thomas G.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022204256
 (21) 2022204256 (22) 17.06.2022
 (54) Intelligent presentation of documents
 (51) Int. Cl.
G06F 17/00 (2019.01)
G06F 17/27 (2006.01)
 (43) 07.07.2022
 (62) 2020202915
 (72) KARUNAMUNI, Chanaka G.; VAN OS, Marcel; HERZ, Scott; BLOCK, Eliza; STEELE, Glen W.; FERRY, Ken; LAURENS, Peter
 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2022204273
 (21) 2022204273 (22) 17.06.2022
 (54) Surgical stapler having actuation mechanism with rotatable shaft
 (51) Int. Cl.
A61B 17/068 (2006.01)
 (43) 07.07.2022
 (62) 2020264274
 (72) Patel, Atal; Covach, Jonathan; Reed, Christina N.; Johnson, Gary M.; Berra, Matthew M.
 (74) Griffith Hack

(71) Aqua-Aerobic Systems, Inc.
 (11) AU-A-2022204233
 (21) 2022204233 (22) 17.06.2022
 (54) System and method of solids conditioning in a filtration system
 (51) Int. Cl.
B05B 1/34 (2006.01)
B08B 3/02 (2006.01)
C02F 3/12 (2006.01)
 (43) 07.07.2022
 (62) 2019274444
 (72) REID, Terence K.
 (74) Spruson & Ferguson

(71) Bartec Benke GmbH
 (11) AU-A-2021286363
 (21) 2021286363 (22) 16.12.2021
 (54) Apparatus for Conveying a Medium, Preferably Milk
 (51) Int. Cl.
B67D 7/78 (2010.01)
B08B 9/032 (2006.01)
B67D 7/02 (2010.01)
B67D 7/58 (2010.01)
 (31) 10202007971.7 (32) 23.12.20 (33) DE
 (43) 07.07.2022
 (72) Suss, Alois; Lerach, Dieter; Kappl, Gerhard; Nagl, Martin
 (74) Collison & Co

(71) Beckman Coulter, Inc.
 (11) AU-A-2022204237
 (21) 2022204237 (22) 17.06.2022
 (54) Flow based assays for therapeutics
 (51) Int. Cl.
G01N 33/50 (2006.01)
 (43) 07.07.2022
 (62) 2018333062
 (72) BUSNEL, Jean-Marc; MILOUD, Tewfik
 (74) Spruson & Ferguson

(71) BeiGene Switzerland GmbH
 (11) AU-A-2022204171
 (21) 2022204171 (22) 15.06.2022
 (54) Anti-PD1 antibodies and their use as therapeutics and diagnostics

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- (51) Int. Cl.
C07K 16/28 (2006.01)
A61P 35/00 (2006.01)
- (43) 07.07.2022
(62) 2020201069
(72) SONG, Jing; LI, Kang; ZHANG, Tong; XU, Lanlan; LIU, Qi; PENG, Hao
(74) Griffith Hack
-
- (71) Beijing Baidu Netcom Science and Technology Co., Ltd.
(11) AU-A-2021204543
(21) 2021204543 (22) 30.06.2021
(54) Digital signature method, signature information verification method, related apparatus and electronic device
(51) Int. Cl.
H04L 9/08 (2006.01)
G06F 21/64 (2013.01)
(31) 202011493443.0 (32) 17.12.20 (33) CN
(43) 07.07.2022
(72) Chen, Yuao; Duan, Runyao; Jin, Lijing
(74) Spruson & Ferguson
-
- (71) Berry Film Products Company, Inc.
(11) AU-A-2022204207
(21) 2022204207 (22) 16.06.2022
(54) Breathable and microporous thin thermoplastic film
(51) Int. Cl.
B32B 27/20 (2006.01)
B32B 27/12 (2006.01)
B32B 27/32 (2006.01)
C08J 5/18 (2006.01)
(43) 07.07.2022
(62) 2019213370
(72) Cancio, Leopoldo V.; Eschenbacher, Frank; Ford, Jerry
(74) Davies Collison Cave Pty Ltd
-
- (71) BGI Genomics Co., Ltd; BGI Health (HK) Company Limited
(11) AU-A-2021286435
(21) 2021286435 (22) 21.01.2021
(54) Method and device for determining a degree of gene association
(51) Int. Cl.
G16B 20/00 (2019.01)
(31) 202011535972.2 (32) 23.12.20 (33) CN
(43) 07.07.2022
(72) ZHOU, Jian; KONG, LingXiang; WANG, Jinan; HE, Zengquan
(74) Davies Collison Cave Pty Ltd
-
- BGI Health (HK) Company Limited see BGI Genomics Co., Ltd**
(21) 2021286435
-
- (71) Bharat Biotech International Limited
(11) AU-A-2022204267
(21) 2022204267 (22) 17.06.2022
(54) Vaccine compositions
(51) Int. Cl.
A61K 39/12 (2006.01)
C12N 7/06 (2006.01)
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- (43) 07.07.2022
(62) 2016291836
(72) SUMATHY, Kandaswamy; ELLA, Krishna Murthy
(74) Spruson & Ferguson
-
- (71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2022204176
(21) 2022204176 (22) 15.06.2022
(54) Spinal cord stimulation system modeling relationships between stimulation parameters for automatic customization of sub-perception therapy
(51) Int. Cl.
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
A61N 1/372 (2006.01)
(43) 07.07.2022
(62) 2019299446
(72) HUERTAS FERNANDEZ, Ismael; DOAN, Que T.
(74) Spruson & Ferguson
-
- (71) Breville Pty Limited
(11) AU-A-2021221718
(21) 2021221718 (22) 25.08.2021
(54) Coffee compacting assembly and tamper
(51) Int. Cl.
A47J 31/42 (2006.01)
A47J 31/06 (2006.01)
A47J 31/44 (2006.01)
A47J 42/40 (2006.01)
A47J 42/44 (2006.01)
A47J 42/50 (2006.01)
(31) 2020904817 (32) 23.12.20 (33) AU
(43) 07.07.2022
(72) Kong, Tae-Kyung; Gossling, Bryce James; Oliveria, Norman; Hardy, Christopher Peter Hamilton; Lee, Kenneth; Baez, Giovanni; Holloway, Mark; Hoare, Richard; Ladewig, Anthony; Butter, Steve; Ren, Xiang
(74) GLMR
-
- (71) Canva Pty Ltd
(11) AU-A-2020294177
(21) 2020294177 (22) 22.12.2020
(54) Automatic print bleed correction systems and methods
(51) Int. Cl.
G06F 3/12 (2006.01)
G06K 15/02 (2006.01)
(43) 07.07.2022
(72) Seeto, Michelle Munn Wai
(74) FPA Patent Attorneys Pty Ltd
-
- (71) CarbonX IP 3 B.V.
(11) AU-A-2022204309
(21) 2022204309 (22) 20.06.2022
(54) Production of crystalline carbon structure networks
(51) Int. Cl.
C09C 1/50 (2006.01)
C01B 32/05 (2017.01)
C01B 32/152 (2017.01)
-
- C01B 32/158** (2017.01)
C01B 32/182 (2017.01)
- (43) 07.07.2022
(62) 2017289220
(72) VAN RAALTEN, Rutger Alexander David; SORDI, Daniela
(74) Griffith Hack
-
- (71) CareFusion 303, Inc.
(11) AU-A-2022204307
(21) 2022204307 (22) 20.06.2022
(54) Tamper-resistant cap
(51) Int. Cl.
A61M 39/20 (2006.01)
A61M 5/50 (2006.01)
(43) 07.07.2022
(62) 2021203652
(72) Yeh, Jonathan; Cheng, Marco
(74) FB Rice Pty Ltd
-
- (71) Caterpillar Inc.
(11) AU-A-2021273646
(21) 2021273646 (22) 26.11.2021
(54) SYSTEMS, METHODS, AND APPARATUS FOR MACHINE CONTROL AT WORKSITE BASED ON NOISE LEVEL
(51) Int. Cl.
G10K 11/16 (2006.01)
G05B 23/02 (2006.01)
G05D 1/02 (2020.01)
(31) 17/124,699 (32) 17.12.20 (33) US
(43) 07.07.2022
(72) RANDLEMAN, Sean A.
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Chadra Laboratories LLC
(11) AU-A-2022204250
(21) 2022204250 (22) 17.06.2022
(54) Multi-interface transponder device
(51) Int. Cl.
H04W 52/02 (2009.01)
H04W 76/15 (2018.01)
(43) 07.07.2022
(62) 2020201388
(72) FOSTER, James H.; NILSEN, Marlene; PUSKARICH, Paul
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Clearview Property Management Pty Ltd
(11) AU-A-2022204230
(21) 2022204230 (22) 16.06.2022
(54) APPARATUS FOR MOVING AN ITEM
(51) Int. Cl.
B66F 7/06 (2006.01)
B66F 7/28 (2006.01)
B60R 11/00 (2006.01)
B66F 7/08 (2006.01)
(43) 07.07.2022
(62) 2021203078
(72) Cowan, Michael; Cincotta, Bernard; Chapman, Graeme
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
-

Applications Open to Public Inspection - Name Index cont'd

(71) Coldicott, G.
 (11) AU-A-2021286416
 (21) 2021286416 (22) 17.12.2021
 (54) ROTATABLE GUTTER SYSTEM
 (51) Int. Cl.
E04D 13/076 (2006.01)
E04D 13/064 (2006.01)
E04D 13/072 (2006.01)
 (31) 2020904708 (32) 17.12.20 (33) AU
 (43) 07.07.2022
 (72) Coldicott, Graham
 (74) Franke Hyland Pty Ltd

(71) Commonwealth Scientific and Industrial Research Organisation
 (11) AU-A-2021232767
 (21) 2021232767 (22) 16.09.2021
 (54) Vehicle navigation
 (51) Int. Cl.
G01C 21/16 (2006.01)
G01C 21/00 (2006.01)
G01S 7/00 (2006.01)
G01S 17/04 (2020.01)
G01S 17/42 (2006.01)
G01S 17/89 (2020.01)
G01S 17/931 (2020.01)
G05D 1/02 (2020.01)
G06T 7/521 (2017.01)
G06T 7/579 (2017.01)
G06T 7/70 (2017.01)
G06T 17/05 (2011.01)
G06V 20/58 (2022.01)
G08G 9/02 (2006.01)
B60W 40/076 (2012.01)
B60W 60/00 (2020.01)
G06T 15/06 (2011.01)
 (31) 2020904756 (32) 21.12.20 (33) AU
 (43) 07.07.2022
 (72) Hines, Thomas; Stepanas, Kazys; Talbot, Fletcher; Sa, Inkyu; Hernandez, Emili; Kottege, Navinda; Lewis, Jake
 (74) Davies Collison Cave Pty Ltd

(71) Continental Global Material Handling LLC
 (11) AU-A-2021290211
 (21) 2021290211 (22) 20.12.2021
 (54) Conveyor belt maintenance system
 (51) Int. Cl.
B65G 39/12 (2006.01)
B65G 15/30 (2006.01)
 (31) 63/128,657 (32) 21.12.20 (33) US
 (43) 07.07.2022
 (72) VALE, Shane; HUBBLE, Ryan
 (74) Griffith Hack

(71) Contoleon, G.A.
 (11) AU-A-2021376722
 (21) 2021376722 (22) 15.11.2021
 (54) SECTIONED LENGTHS OF NATURAL WOODS PROCESSED FOR JOINING AND RE-ASSEMBLY AND RESIN BAKED STRENGTHENED FIBRE AND RE-INFORCED LARGE ASSEMBLIES
 (51) Int. Cl.
B27N 7/00 (2006.01)
 (31) 2020904195 (32) 13.11.20 (33) AU

(43) 07.07.2022
 (72) Contoleon, George Anthony
 (74) GEORGE ANTHONY CONTOLEON

(71) Corvex Connected Safety Inc.
 (11) AU-A-2022204169
 (21) 2022204169 (22) 15.06.2022
 (54) Worn personal protective equipment compliance system
 (51) Int. Cl.
G08B 1/00 (2006.01)
 (43) 07.07.2022
 (62) 2016370746
 (72) O'BRIEN, Joe
 (74) Griffith Hack

(71) Craig, D.; McKeown, D.
 (11) AU-A-2022204352
 (21) 2022204352 (22) 21.06.2022
 (54) PET processing system and method
 (51) Int. Cl.
B29K 67/00 (2006.01)
B29C 45/18 (2006.01)
B29C 45/76 (2006.01)
 (43) 07.07.2022
 (62) 2018379815
 (72) Craig, Douglas; McKeown, Dave
 (74) FB Rice Pty Ltd

(71) Crayola LLC
 (11) AU-A-2021290238
 (21) 2021290238 (22) 21.12.2021
 (54) MARKER PIXEL WICKING APPARATUS
 (51) Int. Cl.
B43L 1/00 (2006.01)
 (31) 63/128,427 (32) 21.12.20 (33) US
 63/185,627 07.05.21 US
 (43) 07.07.2022
 (72) Monzo, Anthony P.; Skinner, Craig
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Cytrellis Biosystems, Inc.
 (11) AU-A-2022204200
 (21) 2022204200 (22) 16.06.2022
 (54) Devices and methods for cosmetic skin resurfacing
 (51) Int. Cl.
A61B 17/20 (2006.01)
A61B 17/00 (2006.01)
 (43) 07.07.2022
 (62) 2017245174
 (72) LEVINSON, Douglas; GINGGEN, Alec; DIMATTEO, Kristian; BRIK, Robert; LIZARDI, Jose; ANDERSON, Nick; BROCKMEIER, Oivind
 (74) Griffith Hack

(71) Deere & Company
 (11) AU-A-2021269408
 (21) 2021269408 (22) 18.11.2021
 (54) Agricultural sprayer with real-time, on-machine target sensor
 (51) Int. Cl.
A01C 23/00 (2006.01)

A01M 7/00 (2006.01)
B05B 1/20 (2006.01)
B05B 12/12 (2006.01)
G06K 9/00 (2006.01)
G06T 3/00 (2006.01)
G06T 7/11 (2017.01)
 (31) 17/172,305 (32) 10.02.21 (33) US
 63/128,435 21.12.20 US
 (43) 07.07.2022
 (72) Humpal, Richard A.; Rees, Steven; Boydell, Broughton C.; Loukili, Tarik; Davis, Travis J.; Pickett, Terence D.; Buse, Scott M.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2021269410
 (21) 2021269410 (22) 18.11.2021
 (54) Agricultural sprayer with real-time, on-machine target sensor
 (51) Int. Cl.
A01C 23/00 (2006.01)
A01M 7/00 (2006.01)
B05B 1/20 (2006.01)
B05B 12/12 (2006.01)
G06K 9/00 (2006.01)
G06T 3/00 (2006.01)
G06T 7/11 (2017.01)
 (31) 17/172,294 (32) 10.02.21 (33) US
 63/128,435 21.12.20 US
 (43) 07.07.2022

(72) Mizushima, Akira; Schlax, Michael P.; Schoff, Tucker J.; Rees, Steven; Humpal, Richard A.
 (74) Davies Collison Cave Pty Ltd

(71) Deere & Company
 (11) AU-A-2021273511
 (21) 2021273511 (22) 22.11.2021
 (54) Agricultural sprayer with real-time, on-machine target sensor
 (51) Int. Cl.
A01C 23/00 (2006.01)
A01M 7/00 (2006.01)
B05B 1/30 (2006.01)
B05B 1/32 (2006.01)
G06K 9/00 (2006.01)
G06T 3/00 (2006.01)
G06T 7/11 (2017.01)

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 (74) Davies Collison Cave Pty Ltd

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 (21) 2022204225 (22) 16.06.2022
 (54) Compositions Comprising Reversibly Modified Oligonucleotides And Uses Thereof
 (51) Int. Cl.
C07H 21/00 (2006.01)
A01N 43/04 (2006.01)
A61K 9/107 (2006.01)
A61K 31/712 (2006.01)

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(72) Wang, Weimin; Krishnamurthy, Venkata
(74) WRAYS PTY LTD
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(21) 2022204314 (22) 20.06.2022
(54) Method and apparatus for generating from a coefficient domain representation of HOA signals a mixed spatial/coefficient domain representation of said HOA signals
(51) Int. Cl.
G10L 19/008 (2013.01)
H04S 3/00 (2006.01)
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(74) Spruson & Ferguson
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- (71) Doona Holdings Ltd.
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(21) 2022204178 (22) 15.06.2022
(54) Foldable personal vehicle
(51) Int. Cl.
B62B 7/12 (2006.01)
B62K 13/00 (2006.01)
(43) 07.07.2022
(62) 2017276154
(72) MAZAR, Shabtai Yoav; HOLTZMAN, Maxim
(74) Spruson & Ferguson
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(21) 2022204179 (22) 15.06.2022
(54) Foldable personal vehicle
(51) Int. Cl.
B62B 7/12 (2006.01)
B62K 13/00 (2006.01)
(43) 07.07.2022
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(72) MAZAR, Shabtai Yoav; HOLTZMAN, Maxim
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- (71) Drake, O.
(11) AU-A-2021229243
(21) 2021229243 (22) 10.09.2021
(54) Dual Mode Vehicle that Operates on Both Guided Rails and Unguided Roadways
(51) Int. Cl.
B60F 1/02 (2006.01)
B60L 50/60 (2019.01)
B61C 3/02 (2006.01)
B62D 24/04 (2006.01)
(31) 17/125,259 (32) 17.12.20 (33) US
(43) 07.07.2022
(72) Drake, Owen
(74) A.P.T. Patent and Trade Mark Attorneys
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(11) AU-A-2022204191
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(51) Int. Cl.
G06F 21/60 (2013.01)
G06F 16/248 (2019.01)
G06F 21/62 (2013.01)
H04L 9/08 (2006.01)
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(72) Tang, Zilong; Chen, James F.; Qian, Chen
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- East China Electric Power Test Research Institute Co., Ltd. see State Grid Shanghai Municipal Electric Power Company**
(21) 2021323387
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- (71) Element Biosciences, Inc.
(11) AU-A-2022204320
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(54) High performance fluorescence imaging module for genomic testing assay
(51) Int. Cl.
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6869 (2018.01)
(43) 07.07.2022
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(72) CHEN, Steven Xiangling; GUO, Minghao; PREVITE, Michael; ZHOU, Chunhong; FULLER, Derek
(74) FB Rice Pty Ltd
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- (71) ERX Pharmaceuticals Inc
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(54) Analogs of celestrol
(51) Int. Cl.
A61K 31/015 (2006.01)
A61K 31/56 (2006.01)
A61K 45/06 (2006.01)
C07J 63/00 (2006.01)
(43) 07.07.2022
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(72) Mazitschek, Ralph; Ding, Yanbing; Shen, Kaisheng
(74) FPA Patent Attorneys Pty Ltd
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- (71) Evonik Operations GmbH
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C10N 40/04 (2006.01)
C10N 40/08 (2006.01)
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(74) AJ PARK
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- (71) FirstBuild Limited
(11) AU-A-2021290276
(21) 2021290276 (22) 22.12.2021
(54) Modular building system
(51) Int. Cl.
E04B 1/19 (2006.01)
E04B 1/41 (2006.01)
E04B 1/26 (2006.01)
E04B 1/343 (2006.01)
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(31) 771456 (32) 22.12.20 (33) NZ
(43) 07.07.2022
(72) RUDELLE, Logan
(74) Origin Patent and Trade Mark Attorneys
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(21) 2022204183 (22) 15.06.2022
(54) ACTIVE SMOKE FILTRATION FOR INSUFFLATION
(51) Int. Cl.
A61M 13/00 (2006.01)
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(11) AU-A-2022204190
(21) 2022204190 (22) 16.06.2022
(54) Breathing apparatus
(51) Int. Cl.
A61M 16/06 (2006.01)
A44B 11/28 (2006.01)
(43) 07.07.2022
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(72) Huang, Wen Dong; Gardiola, Arvin San Jose; Stephenson, Matthew Roger; Lim, Toong Chuo; Walls, Bruce Michael; Young, Jeremy Owen
(74) AJ PARK
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(54) TUBE AND/OR PATIENT INTERFACE FOR DELIVERY OF GAS
(51) Int. Cl.

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(21) 2022204194 **(22)** 16.06.2022
(54) SURGICAL HUMIDIFIER CONTROL
(51) Int. Cl.
A61F 7/12 (2006.01)
A61M 13/00 (2006.01)
A61M 16/16 (2006.01)
(43) 07.07.2022
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(74) AJ PARK

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(11) AU-A-2021201215
(21) 2021201215 **(22)** 25.02.2021
(54) THIN FILM FOR WASTE PACKING CASSETTES
(51) Int. Cl.
B32B 27/32 (2006.01)
B32B 27/34 (2006.01)
B32B 27/36 (2006.01)
(31) 20215130.4 **(32)** 17.12.20 **(33)** EP
(43) 07.07.2022
(72) Ginosatis, Dimitris
(74) Phillips Ormonde Fitzpatrick

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(21) 2021282530 **(22)** 10.12.2021
(54) Insulated Holder for a Beverage Container
(51) Int. Cl.
A47G 23/02 (2006.01)
A47G 23/04 (2006.01)
A47J 41/00 (2006.01)
B65D 81/38 (2006.01)
B67B 7/16 (2006.01)
(31) 17/124,882 **(32)** 17.12.20 **(33)** US
(43) 07.07.2022
(72) Frankcomb, Rose
(74) Pipers Intellectual Property

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(21) 2020471211

(71) Gen-Probe Incorporated
(11) AU-A-2022204316
(21) 2022204316 **(22)** 20.06.2022
(54) Method of isolating nucleic acid from specimens in liquid-based cytology preservatives containing formaldehyde
(51) Int. Cl.

C12P 19/34 (2006.01)
C07H 21/04 (2006.01)
(43) 07.07.2022
(62) 2021254645
(72) WILSON, Timothy Joseph; KIRKCONNELL, Brett Wolfe; JENSEN, Deborah Christine
(74) FB Rice Pty Ltd

(71) Genzyme Corporation
(11) AU-A-2022204199
(21) 2022204199 **(22)** 16.06.2022
(54) Gene editing of deep intronic mutations
(51) Int. Cl.
A61P 3/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
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C12N 9/22 (2006.01)
C12N 15/00 (2006.01)
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(62) 2016265255
(72) RUAN, Guoxiang; SCARIA, Abraham
(74) Griffith Hack

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(54) Variant RNAi
(51) Int. Cl.
A61P 25/28 (2006.01)
C12N 15/113 (2010.01)
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(62) 2016219396
(72) Stanek, Lisa M.; Palermo, Adam; Richards, Brenda; Sardi, Sergio Pablo; O'Riordan, Catherine; Song, Antonius
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(11) AU-A-2022204321
(21) 2022204321 **(22)** 20.06.2022
(54) Core Sample Orientation System, Device and Method
(51) Int. Cl.
E21B 25/16 (2006.01)
E21B 47/02 (2006.01)
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(74) Griffith Hack

(71) Globeride, Inc.
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(54) DUAL-BEARING REEL
(51) Int. Cl.
A01K 89/00 (2006.01)
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(74) K&L Gates

(71) Google LLC
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(54) QUANTUM COMPUTATION THROUGH REINFORCEMENT LEARNING
(51) Int. Cl.
G06N 99/00 (2019.01)
G06N 3/00 (2006.01)
G06N 3/04 (2006.01)
G06N 3/08 (2006.01)
(43) 07.07.2022
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(72) Neven, Hartmut; Smelyanskiy, Vadim; Castrillo, Sergio Boixo; Niu, Yuezhen
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Greyscan Pty Ltd
(11) AU-A-2022204219
(21) 2022204219 **(22)** 16.06.2022
(54) Elution and detection
(51) Int. Cl.
G01N 27/447 (2006.01)
B01D 57/02 (2006.01)
G01N 27/26 (2006.01)
G01N 33/487 (2006.01)
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(74) Davies Collision Cave Pty Ltd

(71) Guangdong Feipeng Pharmaceutical Co., Ltd.
(11) AU-A-2021380853
(21) 2021380853 **(22)** 22.12.2021
(54) Antibody targeting CD47 and application thereof
(51) Int. Cl.
C07K 16/28 (2006.01)
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(43) 07.07.2022
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(74) James & Wells Intellectual Property

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(51) Int. Cl.
F24F 1/00 (2019.01)
F24F 13/00 (2006.01)
(87) WO2022/120947
(31) 202011443398.8 **(32)** 11.12.20 **(33)** CN
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(74) Dark IP

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 (54) Load transport system for transporting a load in a working space
 (51) Int. Cl.
H02G 3/00 (2006.01)
B66C 13/04 (2006.01)
B66C 23/18 (2006.01)
B66D 3/04 (2006.01)
 (31) A282/2020 (32) 23.12.20 (33) AT
 (43) 07.07.2022
 (72) KLAPPER, Georg; LANG, Robert; EBERHARTER, Johannes Karl; BEER, Roman
 (74) FB Rice Pty Ltd

Harris, K.S. see Harris, J.G.
 (21) 2021282484

(71) Harris, J.G.; Harris, K.S.
 (11) AU-A-2021282484
 (21) 2021282484 (22) 09.12.2021
 (54) DUST SUPPRESSION METHOD AND COMPOSITION
 (51) Int. Cl.
C09K 3/22 (2006.01)
C08L 97/00 (2006.01)
E01H 3/00 (2006.01)
E21F 5/06 (2006.01)
C08K 3/16 (2006.01)
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 (43) 07.07.2022
 (72) Harris, James Gordon; Harris, Kenneth Stuart
 (74) Michael Buck IP

(71) Hasan, S.K.
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 (21) 2022204239 (22) 17.06.2022
 (54) System of perpetual giving
 (51) Int. Cl.
G06Q 40/04 (2012.01)
G06Q 40/06 (2012.01)
 (43) 07.07.2022
 (62) 2016322785
 (72) HASAN, Syed Kamran
 (74) Spruson & Ferguson

(71) Henke-Sass, Wolf GmbH
 (11) AU-A-2021286334
 (21) 2021286334 (22) 15.12.2021
 (54) Device for applying a fluid
 (51) Int. Cl.
A61M 5/307 (2006.01)
A61D 7/00 (2006.01)
A61M 5/145 (2006.01)
A61M 5/20 (2006.01)
 (31) 10 2020 134 181.4 (32) 18.12.20 (33) DE
 (43) 07.07.2022
 (72) Altermann, Frank; Seeh, Daniel
 (74) Davies Collison Cave Pty Ltd

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2022204212
 (21) 2022204212 (22) 16.06.2022
 (54) Filter flags for subpicture deblocking
 (51) Int. Cl.
H04N 19/134 (2014.01)
G06V 10/44 (2022.01)
H04N 19/117 (2014.01)
H04N 19/52 (2014.01)
H04N 19/55 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)
 (43) 07.07.2022
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 (72) HENDRY, Fnu; WANG, Ye-Kui; CHEN, Jianle
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(71) Huawei Technologies Co., Ltd.
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 (21) 2022204213 (22) 16.06.2022
 (54) Filter flags for subpicture deblocking
 (51) Int. Cl.
H04N 19/134 (2014.01)
G06V 10/44 (2022.01)
H04N 19/117 (2014.01)
H04N 19/52 (2014.01)
H04N 19/55 (2014.01)
H04N 19/70 (2014.01)
H04N 19/82 (2014.01)
 (43) 07.07.2022
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 (72) HENDRY, Fnu; WANG, Ye-Kui; CHEN, Jianle
 (74) Spruson & Ferguson

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 (11) AU-A-2022204263
 (21) 2022204263 (22) 17.06.2022
 (54) INFORMATION SENDING METHOD, KEY GENERATION METHOD, AND APPARATUS
 (51) Int. Cl.
H04W 12/02 (2009.01)
 (43) 07.07.2022
 (62) 2019250928
 (72) Li, He; Chen, Jing
 (74) Phillips Ormonde Fitzpatrick

(71) Hubbell Incorporated
 (11) AU-A-2022204269
 (21) 2022204269 (22) 17.06.2022
 (54) Whip and loop interrupter combination
 (51) Int. Cl.
H01H 31/26 (2006.01)
H01H 3/32 (2006.01)
H01H 31/02 (2006.01)
H01H 33/04 (2006.01)
H01H 33/59 (2006.01)
H01H 33/66 (2006.01)
 (43) 07.07.2022
 (62) 2017260247
 (72) RHEIN, David; LOUCKS, Nathan Scot
 (74) Griffith Hack

(71) Hwang, Y.
 (11) AU-A-2020294180

(21) 2020294180 (22) 22.12.2020
 (54) Cap and method for forming the same
 (51) Int. Cl.
A42B 1/019 (2021.01)
A42B 1/0182 (2021.01)
A42B 1/22 (2006.01)
A42C 1/04 (2006.01)
A42C 1/08 (2006.01)
 (43) 07.07.2022
 (72) HWANG, Ya-Chang
 (74) Spruson & Ferguson

(71) IGT
 (11) AU-A-2021277667
 (21) 2021277667 (22) 01.12.2021
 (54) COORDINATING FUND TRANSFERS BETWEEN A GAMING DEVICE AND A GAMING ESTABLISHMENT ACCOUNT UTILIZING A MOBILE DEVICE
 (51) Int. Cl.
G07F 7/10 (2006.01)
G06Q 20/32 (2012.01)
G06Q 50/34 (2012.01)
G07F 9/02 (2006.01)
 (31) 17/125.414 (32) 17.12.20 (33) US
 (43) 07.07.2022
 (72) Shepherd, Jeffery; Higgins, Kevin
 (74) Phillips Ormonde Fitzpatrick

(71) IGT
 (11) AU-A-2021282412
 (21) 2021282412 (22) 07.12.2021
 (54) Settling Gaming Establishment Retail Purchases
 (51) Int. Cl.
G06Q 20/04 (2012.01)
G06Q 20/06 (2012.01)
G06Q 20/14 (2012.01)
G06Q 50/12 (2012.01)
G07F 17/40 (2006.01)
 (31) 17/125.382 (32) 17.12.20 (33) US
 (43) 07.07.2022
 (72) Higgins, Kevin; Shepherd, Jeffery
 (74) Clark Intellectual Property Pty Ltd

(71) IGT
 (11) AU-A-2021282527
 (21) 2021282527 (22) 10.12.2021
 (54) SETTTLING OUTSTANDING LINE OF CREDIT LIABILITY WITH GAMING ESTABLISHMENT CREDIT SYSTEM
 (51) Int. Cl.
G06Q 20/20 (2012.01)
G06Q 50/12 (2012.01)
 (31) 17/125.333 (32) 17.12.20 (33) US
 (43) 07.07.2022
 (72) Higgins, Kevin; Nelson, Dwayne R.
 (74) Phillips Ormonde Fitzpatrick

(71) IGT
 (11) AU-A-2021282528
 (21) 2021282528 (22) 10.12.2021
 (54) CONTROLLING GAMING ESTABLISHMENT CREDIT SYSTEM ISSUED LINE OF CREDIT ACTIVATIONS BASED ON SPEND
 (51) Int. Cl.

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G06Q 50/34 (2012.01)
(31) 17/125,455 **(32)** 17.12.20 **(33)** US
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(72) Shepherd, Jeffery; Higgins, Kevin
(74) Phillips Ormonde Fitzpatrick

(71) Insitu, Inc.
(11) AU-A-2021286323
(21) 2021286323 **(22)** 15.12.2021
(54) Jet pump spool valve
(51) Int. Cl.
F02M 63/00 (2006.01)
F02M 37/00 (2006.01)
(31) 63/127,796 **(32)** 18.12.20 **(33)** US
 17/521,492 08.11.21 US
(43) 07.07.2022
(72) SAUER, Robert
(74) FB Rice Pty Ltd

Institute for Basic Science see ToolGen Incorporated
(21) 2022204172

(71) Intuit Inc.
(11) AU-A-2021390061
(21) 2021390061 **(22)** 16.12.2021
(54) Expert matching through workload intelligence
(51) Int. Cl.
G06Q 10/06 (2012.01)
(31) 63/128,410 **(32)** 21.12.20 **(33)** US
 17/189,812 02.03.21 US
(43) 07.07.2022
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(74) Davies Collison Cave Pty Ltd

(71) Ionis Pharmaceuticals, Inc.
(11) AU-A-2022204221
(21) 2022204221 **(22)** 16.06.2022
(54) Modulating apolipoprotein (a) expression
(51) Int. Cl.
A61K 31/00 (2006.01)
C12N 15/00 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
(43) 07.07.2022
(62) 2016349625
(72) VINEY, Nicholas, J.; GEARY, Richard S.; WANG, Yanfeng; YU, Zhengrong; GUNAWAN, Rudy
(74) Davies Collison Cave Pty Ltd

(71) Itron, Inc.
(11) AU-A-2021250852
(21) 2021250852 **(22)** 12.10.2021
(54) Disaggregation of gas load to determine gas appliance performance
(51) Int. Cl.
G01F 1/00 (2006.01)
(31) 17/127,678 **(32)** 18.12.20 **(33)** US

(43) 07.07.2022
(72) CORNWALL, Mark K.; KANN, James Lee; CLEVINGER, Peter
(74) FPA Patent Attorneys Pty Ltd

(71) Itron, Inc.
(11) AU-A-2021250853
(21) 2021250853 **(22)** 12.10.2021
(54) Disaggregation of gas load to determine meter or service under-sizing
(51) Int. Cl.
G01D 4/00 (2006.01)
G01F 15/06 (2006.01)
(31) 17/127,713 **(32)** 18.12.20 **(33)** US
(43) 07.07.2022
(72) Cornwall, Mark K.; Kann, James Lee; Clevenger, Peter
(74) FPA Patent Attorneys Pty Ltd

(71) Itron, Inc.
(11) AU-A-2021250855
(21) 2021250855 **(22)** 12.10.2021
(54) Detection of low gas pressure without pressure sensors
(51) Int. Cl.
G01F 15/06 (2006.01)
G01D 4/00 (2006.01)
G01F 15/02 (2006.01)
G08B 21/00 (2006.01)
(31) 17/127,809 **(32)** 18.12.20 **(33)** US
(43) 07.07.2022
(72) Cornwall, Mark K.; Kann, James Lee; Clevenger, Peter
(74) FPA Patent Attorneys Pty Ltd

(71) Itron, Inc.
(11) AU-A-2021250859
(21) 2021250859 **(22)** 12.10.2021
(54) Gas regulator pressure-relief monitor
(51) Int. Cl.
F17D 5/00 (2006.01)
(31) 17/127,880 **(32)** 18.12.20 **(33)** US
(43) 07.07.2022
(72) Cornwall, Mark K.; Kann, James Lee; Clevenger, Peter
(74) FPA Patent Attorneys Pty Ltd

(71) Itron, Inc.
(11) AU-A-2021286291
(21) 2021286291 **(22)** 14.12.2021
(54) Message broadcasting based on trust levels and resource limitations in a mesh network
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H04L 9/28 (2006.01)
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(21) 2021286406 **(22)** 17.12.2021

(54) Preserving battery life in poor signal conditions using RF link analysis
(51) Int. Cl.
H04W 52/02 (2009.01)
H04W 4/30 (2018.01)
H04W 28/02 (2009.01)
(31) 17/127,485 **(32)** 18.12.20 **(33)** US
(43) 07.07.2022
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(51) Int. Cl.
H04W 52/02 (2009.01)
H04B 7/06 (2006.01)
H04B 17/14 (2015.01)
H04W 24/02 (2009.01)
H04W 28/12 (2009.01)
(31) 17/127,463 **(32)** 18.12.20 **(33)** US
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(54) A CARRIAGE ASSEMBLY
(51) Int. Cl.
B66F 9/12 (2006.01)
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(21) 2022204240 **(22)** 17.06.2022
(54) Small molecule inhibitors of the JAK family of kinases
(51) Int. Cl.
C07D 471/14 (2006.01)
A61K 31/437 (2006.01)
A61P 29/00 (2006.01)
(43) 07.07.2022
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B21C 45/00 (2006.01)
B21C 47/24 (2006.01)
B65H 19/12 (2006.01)
B65H 19/22 (2006.01)
B65H 19/30 (2006.01)
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F25J 1/00 (2006.01)
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H04R 29/00 (2006.01)
G08B 29/12 (2006.01)
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C07D 471/04 (2006.01)
A61K 8/49 (2006.01)
A61K 31/437 (2006.01)
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(74) FB Rice Pty Ltd
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(54) Photovoltaic Electricity Generation Apparatus
(51) Int. Cl.
H02S 10/30 (2014.01)
B60L 8/00 (2006.01)
H02J 1/08 (2006.01)
H02J 1/10 (2006.01)
H02J 1/16 (2006.01)
H02K 47/14 (2006.01)
H02K 53/00 (2006.01)
H02M 7/54 (2006.01)
H02S 40/22 (2014.01)
H02S 40/42 (2014.01)
(43) 07.07.2022
(62) 2021202165
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(21) 2022204180 **(22)** 15.06.2022
(54) Chimeric antigen receptors based on single-domain antibodies and methods of use thereof
(51) Int. Cl.
C07K 19/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
C07K 16/30 (2006.01)
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C12N 15/62 (2006.01)
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(54) Compositions and methods for treating cancer with anti-mesothelin immunotherapy
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C07K 14/725 (2006.01)
C07K 14/705 (2006.01)
C07K 16/30 (2006.01)
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C12N 5/0783 (2010.01)
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D06F 33/30 (2020.01)
D06F 39/08 (2006.01)
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(51) Int. Cl.
D06F 58/10 (2006.01)
D06F 35/00 (2006.01)
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D06F 58/26 (2006.01)
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B27J 1/00 (2006.01)
(31) 2020114953944 **(32)** 17.12.20 **(33)** CN
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 (54) SYSTEMS AND METHODS FOR PROCESSING EVENT TIMING IMAGES
 (51) Int. Cl.
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G06T 7/00 (2017.01)
H04N 5/232 (2006.01)
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G06T 19/00 (2011.01)
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 (54) Carrier-antibody compositions and methods of making and using the same
 (51) Int. Cl.
C07K 16/22 (2006.01)
A61P 35/00 (2006.01)
B82Y 5/00 (2011.01)
C07K 16/28 (2006.01)
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A61B 5/0522 (2021.01)
A61B 6/03 (2006.01)
A61B 17/70 (2006.01)
A61B 17/88 (2006.01)
A61B 34/20 (2016.01)
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A61F 13/49 (2006.01)
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A61B 17/32 (2006.01)
A61B 17/16 (2006.01)
B25F 3/00 (2006.01)
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 (54) Chimeric antigen receptors targeting B-cell maturation antigen and uses thereof
 (51) Int. Cl.
C12N 5/07 (2010.01)
C07H 21/04 (2006.01)
C12P 21/08 (2006.01)
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 (54) Assay apparatuses, methods and reagents
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B01L 99/00 (2010.01)
C12M 3/00 (2006.01)
G01N 33/00 (2006.01)
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A47B 96/06 (2006.01)
A47B 96/02 (2006.01)
A47G 7/02 (2006.01)
F16M 13/02 (2006.01)
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F21S 2/00 (2016.01)
F21V 17/00 (2006.01)
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G01C 21/20 (2006.01)
B63B 35/66 (2006.01)
B63B 79/40 (2020.01)
G08G 3/00 (2006.01)
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A61N 1/00 (2006.01)
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 (54) Inhalation monitoring system and meth-
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A01H 5/08 (2018.01)
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A01H 1/04 (2006.01)
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A01H 4/00 (2006.01)
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 methods of use
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C07D 235/26 (2006.01)
A61K 31/381 (2006.01)
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C07D 495/04 (2006.01)
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 (54) Stuffing box with pressurized fluid
 chamber and related methods
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C22B 3/28 (2006.01)
C22B 60/02 (2006.01)
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 images for digital pathology
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G06T 7/00 (2017.01)
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 B65D 17/42 (2006.01)
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 A47C 1/02 (2006.01)
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 A47C 1/032 (2006.01)
 A47C 1/035 (2006.01)
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 A61G 5/00 (2006.01)
 A61G 5/10 (2006.01)
 A61G 5/12 (2006.01)
 A61G 7/057 (2006.01)
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 C08K 3/013 (2018.01)
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B23C 1/025 (2006.01)
B23B 51/06 (2006.01)
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A61K 31/437 (2006.01)
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A61P 35/00 (2006.01)
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E05B 15/02 (2006.01)
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B02C 17/00 (2006.01)
C22B 3/02 (2006.01)
C22B 11/00 (2006.01)
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A61B 1/00 (2006.01)
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B66C 23/04 (2006.01)
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B66D 3/00 (2006.01)
B66D 3/26 (2006.01)
E04G 3/32 (2006.01)
E04G 3/34 (2006.01)
E04G 5/00 (2006.01)
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B01J 8/10 (2006.01)
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C10J 3/00 (2006.01)
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E04D 3/363 (2006.01)
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E04H 12/22 (2006.01)
F24S 25/617 (2018.01)
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F24S 25/634 (2018.01)
H02S 20/10 (2014.01)
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F16K 27/02 (2006.01)
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G05D 16/06 (2006.01)
- (31) 202011529399.4 (32) 22.12.20 (33) CN
(43) 07.07.2022
- (72) Hsiao, Michael
- (74) Madderns Pty Ltd
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- (71) TBS (Aust) Pty Ltd
(11) AU-A-2021290247
(21) 2021290247 (22) 21.12.2021
(54) CURTAIN INSTALLATION SYSTEM
- (51) Int. Cl.
A47H 15/04 (2006.01)
A47H 15/00 (2006.01)
- (31) 2020904797 (32) 22.12.20 (33) AU
(43) 07.07.2022
- (72) FOSTER, CRAIG
- (74) Griffith Hack
-
- (71) TECHNIP FRANCE; Technip UK Ltd
(11) AU-A-2022204243
(21) 2022204243 (22) 17.06.2022
(54) Direct tie-in method
- (51) Int. Cl.
E21B 43/01 (2006.01)
E21B 43/013 (2006.01)
F16L 1/16 (2006.01)
F16L 1/23 (2006.01)
F16L 1/26 (2006.01)
- (43) 07.07.2022
- (62) 2016379022
- (72) MESSIAS, Nicolas; JANSEN, Richard; BOUBLI, Michael; RASMUSSEN, Stein Rune; DAVANTURE, Eric; BAUKNIGHT, Danone Ryan; HELLAND, Torgeir
- (74) Davies Collison Cave Pty Ltd
-
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(21) 2022204243
-
- (71) Techtronic Cordless GP
(11) AU-A-2021277607
(21) 2021277607 (22) 29.11.2021
(54) Shredding device
- (51) Int. Cl.
B02C 18/00 (2006.01)
A01G 3/00 (2006.01)
A01G 20/00 (2018.01)
B02C 23/00 (2006.01)
B02C 25/00 (2006.01)
- (31) 202023102169.8 (32) 21.12.20 (33) CN
202110306249.5 23.03.21 CN
(43) 07.07.2022
- (72) LEE, Wai Chung; CHUNG, Koon For; WU, Kun Hao; LAN, Xiao Di; WANG, Yan Jia
- (74) Spruson & Ferguson
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- (71) Techtronic Cordless GP
(11) AU-A-2021277624
(21) 2021277624 (22) 30.11.2021

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(54) Shredding mechanism, shredding device and control system and method thereof
 (51) Int. Cl.
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A01G 3/00 (2006.01)
A01G 20/00 (2018.01)
B02C 23/00 (2006.01)
B02C 25/00 (2006.01)
G05B 19/02 (2006.01)
 (31) 202011522710.2 (32) 21.12.20 (33) CN
 (43) 07.07.2022
 (72) LEE, Wai Chung; CHUNG, Koon For; WU, Kun Hao; LAN, Xiao Di
 (74) Spruson & Ferguson

(71) The Board of Trustees of the Leland Stanford Junior University; Agilent Technologies, Inc.
 (11) AU-A-2022204254
 (21) 2022204254 (22) 17.06.2022
 (54) CHEMICALLY MODIFIED GUIDE RNAS FOR CRISPR/CAS-MEDIATED GENE REGULATION
 (51) Int. Cl.
C12N 15/10 (2006.01)
C12N 15/11 (2006.01)
 (43) 07.07.2022
 (62) 2016246450
 (72) Porteus, Matthew H.; Hendel, Ayal; Clark, Joe; Bak, Rasmus O.; Ryan, Daniel E.; Dellinger, Douglas J.; Kaiser, Robert; Myerson, Joel
 (74) Phillips Ormonde Fitzpatrick

(71) The Boeing Company
 (11) AU-A-2021269362
 (21) 2021269362 (22) 17.11.2021
 (54) Systems and methods for real-time network traffic analysis
 (51) Int. Cl.
H04L 43/08 (2022.01)
H04W 24/04 (2009.01)
H04W 28/02 (2009.01)
 (31) 63/127,844 (32) 18.12.20 (33) US
 (43) 07.07.2022
 (72) NOBAKHT, Ramin; SACKMAN, Ronald Ward; SULLIVAN, Scott Charles
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2021269370
 (21) 2021269370 (22) 17.11.2021
 (54) Systems and methods for context aware cybersecurity
 (51) Int. Cl.
G06F 21/54 (2013.01)
G06F 21/55 (2013.01)
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H04W 12/12 (2021.01)
 (31) 63/127,785 (32) 18.12.20 (33) US
 (43) 07.07.2022
 (72) SULLIVAN, Scott Charles; SACKMAN, Ronald Ward; NOBAKHT, Ramin
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2021273575
 (21) 2021273575 (22) 24.11.2021
 (54) Satellite thermal enclosure
 (51) Int. Cl.
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 (31) 63/126,535 (32) 17.12.20 (33) US
 (43) 07.07.2022
 (72) ASTON, Richard W.; WOODS, Emily Colleen; ZILZ, Rachel Elizabeth; LANG-MACK, Michael John; HASTINGS, Nicole Marie
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2021273577
 (21) 2021273577 (22) 24.11.2021
 (54) Stacked satellite assemblies and related methods
 (51) Int. Cl.
B64G 1/64 (2006.01)
B64G 1/10 (2006.01)
H04Q 1/02 (2006.01)
 (31) 63/126,529 (32) 17.12.20 (33) US
 (43) 07.07.2022
 (72) ASTON, Richard W.; WOODS, Emily Colleen; ZILZ, Rachel Elizabeth; LANG-MACK, Michael John; HASTINGS, Nicole Marie
 (74) Spruson & Ferguson

(71) The Boeing Company
 (11) AU-A-2021286321
 (21) 2021286321 (22) 15.12.2021
 (54) Shape memory alloy control elements for hydraulic valves
 (51) Int. Cl.
F16K 15/02 (2006.01)
F03G 7/06 (2006.01)
 (31) 63/127,679 (32) 18.12.20 (33) US
 17/485,690 27.09.21 US
 (43) 07.07.2022
 (72) LaBRECQUE, Thomas; CALKINS, Frederick T.
 (74) FB Rice Pty Ltd

(71) The Boeing Company
 (11) AU-A-2021290201
 (21) 2021290201 (22) 20.12.2021
 (54) Compositions and methods thereof
 (51) Int. Cl.
C08L 83/04 (2006.01)
C08L 79/02 (2006.01)
C09D 179/02 (2006.01)
C09D 183/04 (2006.01)
H01B 1/12 (2006.01)
 (31) 63/128,633 (32) 21.12.20 (33) US
 (43) 07.07.2022
 (72) KINLEN, Patrick J.
 (74) FB Rice Pty Ltd

(71) The Children's Hospital of Philadelphia
 (11) AU-A-2022204324
 (21) 2022204324 (22) 20.06.2022
 (54) Methods of diagnosing and treating Tourette syndrome
 (51) Int. Cl.

A61K 31/454 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
 (43) 07.07.2022
 (62) 2016318780
 (72) HAKONARSON, Hakon; KAO, Charly
 (74) Griffith Hack

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 (21) 2022204193

(71) The Institute of Cancer Research: Royal Cancer Hospital
 (11) AU-A-2022204205
 (21) 2022204205 (22) 16.06.2022
 (54) X-ray micro-beam production and high brilliance x-ray production
 (51) Int. Cl.
H01J 35/26 (2006.01)
 (43) 07.07.2022
 (62) 2017286618
 (72) Bartzsch, Stefan; Oelfke, Uwe
 (74) Cotters Patent & Trade Mark Attorneys

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 (21) 2022204182

The United States Government as represented by The Department of Veteran Affairs see Virginia Commonwealth University
 (21) 2022204217

(71) Thomson Reuters Enterprise Centre GmbH
 (11) AU-A-2022204257
 (21) 2022204257 (22) 17.06.2022
 (54) IMPROVED DOCKET SEARCH AND ANALYTICS ENGINE
 (51) Int. Cl.
G06Q 50/18 (2012.01)
 (43) 07.07.2022
 (62) 2016219616
 (72) Vacek, Thomas; Salas, Daniel F.; Schilder, Frank
 (74) AJ PARK

(71) ToolGen Incorporated; SEOUL NATIONAL UNIVERSITY R&DB FOUNDATION; Seoul National University Hospital; Institute for Basic Science
 (11) AU-A-2022204172
 (21) 2022204172 (22) 15.06.2022
 (54) Artificially engineered angiogenesis regulatory system
 (51) Int. Cl.
C12N 15/12 (2006.01)
A61K 48/00 (2006.01)
C07K 14/47 (2006.01)
C07K 14/475 (2006.01)
C07K 14/515 (2006.01)

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C12N 15/86 (2006.01)
C12N 15/90 (2006.01)
(43) 07.07.2022
(62) 2017313616
(72) Kim, Jeong Hun; Park, Sung Wook;
 Kim, Seokjoong; Song, Dong Woo
(74) Griffith Hack
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- (71)** Transportation IP Holdings, LLC
(11) AU-A-2021273611
(21) 2021273611 **(22)** 25.11.2021
(54) SYSTEMS AND METHODS FOR
 EQUIPMENT INSPECTION
(51) Int. Cl.
G06T 7/00 (2017.01)
G06N 20/00 (2019.01)
G06Q 10/00 (2012.01)
G07C 3/00 (2006.01)
(31) 63/130,085 **(32)** 23.12.20 **(33)** US
 17/523,343 10.11.21 US
(43) 07.07.2022
(72) Karunaratne, Milan; North, Nathan
 Thomas
(74) Phillips Ormonde Fitzpatrick
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- (71)** Ventete Limited
(11) AU-A-2021286424
(21) 2021286424 **(22)** 17.12.2021
(54) Inflatable helmet
(51) Int. Cl.
A42B 3/32 (2006.01)
A42B 3/12 (2006.01)
(31) 2020491.3 **(32)** 23.12.20 **(33)** GB
(43) 07.07.2022
(72) HERPERGER, Colin
(74) BOSH IP Pty Ltd
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- (71)** Virginia Commonwealth University;
 Durect Corporation; The United States
 Government as represented by The De-
 partment of Veteran Affairs
(11) AU-A-2022204217
(21) 2022204217 **(22)** 16.06.2022
(54) Compositions comprising 5-cho-
 lesten-3, 25-diol, 3-sulfate (25hc3s) or
 pharmaceutically acceptable salt there-
 of and at least one cyclic oligosacchar-
 ide
(51) Int. Cl.
C07J 31/00 (2006.01)
C07C 401/00 (2006.01)
(43) 07.07.2022
(62) 2017305239
(72) REN, Shunlin; XU, Leyuan; NING,
 Yanxia; KIM, Jin Koung; LIN, Weiqi;
 KIM, Meej; MIKSZTAL, Andrew R.; WU,
 Hongwei; LEE, Min L.; TAMRAZ, Wilma
(74) FB Rice Pty Ltd
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- (71)** Willowtree Holdings Pty Ltd
(11) AU-A-2021290216
(21) 2021290216 **(22)** 20.12.2021
(54) WHEELED BOX
(51) Int. Cl.
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- B62B 1/04** (2006.01)
B62B 5/00 (2006.01)
B65D 5/02 (2006.01)
B65D 5/06 (2006.01)
B65D 85/64 (2006.01)
B62B 1/12 (2006.01)
B65D 5/46 (2006.01)
(31) 2020904725 **(32)** 18.12.20 **(33)** AU
(43) 07.07.2022
(72) Joyce, Karl
(74) Phillips Ormonde Fitzpatrick
-
- (71)** Wirebutter Pty Ltd
(11) AU-A-2022204318
(21) 2022204318 **(22)** 20.06.2022
(54) SYSTEM AND METHOD OF CON-
 TROLLING SUPPLY OF ELECTRICAL
 POWER
(51) Int. Cl.
G06Q 50/06 (2012.01)
H01H 9/00 (2006.01)
(43) 07.07.2022
(62) 2020203483
(72) SALERNO, Anthony
(74) Murray Trento & Associates Pty Ltd
-
- (71)** Wittur Holding GmbH
(11) AU-A-2021266322
(21) 2021266322 **(22)** 12.11.2021
(54) Safety switch actuation device
(51) Int. Cl.
B66B 5/02 (2006.01)
H01H 3/02 (2006.01)
H01H 3/16 (2006.01)
H01H 13/56 (2006.01)
H01H 17/08 (2006.01)
H01H 89/00 (2006.01)
(31) 202020107417.2 **(32)** 18.12.20 **(33)** DE
(43) 07.07.2022
(72) Latschbacher, Leopold; Russwurm,
 Christoph; Holzer, René; Schwaiger-
 lehner, Lukas
(74) Alder IP Pty Ltd

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

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(21) 2022100077**

(71) Vehicle Scanning Systems Pty Ltd;
Vehicle Scanning Systems Pty Ltd

(11) AU-A-2022100077

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(54) Vehicle inspection system

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and food products containing such
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positions
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location for virtualized cable data plane
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H04L 12/28 (2006.01)
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A61K 47/56 (2017.01)
A61P 19/02 (2006.01)
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B32B 27/06 (2006.01)
F16L 59/02 (2006.01)
H01M 10/613 (2014.01)
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A01P 1/00 (2006.01)
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A61K 31/60 (2006.01)
A61K 33/40 (2006.01)
A61P 31/00 (2006.01)
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A61K 31/19 (2006.01)
A61K 31/075 (2006.01)
A61K 31/20 (2006.01)
A61K 31/202 (2006.01)
A61K 31/56 (2006.01)
A61K 31/75 (2006.01)
A61K 36/02 (2006.01)
A61K 36/16 (2006.01)
A61K 36/48 (2006.01)
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A61P 25/28 (2006.01)
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A61K 31/05 (2006.01)
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G01N 33/543 (2006.01)
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C12Q 1/6806 (2018.01)
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C07F 15/02 (2006.01)
A61K 49/10 (2006.01)
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B02C 17/22 (2006.01)
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G01B 7/06 (2006.01)
G01H 1/00 (2006.01)
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C07D 401/12 (2006.01)
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A47J 31/44 (2006.01)
A47J 31/36 (2006.01)
B65D 85/804 (2006.01)

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 (74) Patent Attorney Services
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A47J 31/44 (2006.01)
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B65D 85/804 (2006.01)
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 (74) Patent Attorney Services
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 (51) Int. Cl.
A61N 1/04 (2006.01)
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A61F 7/03 (2006.01)
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G06F 16/955 (2019.01)
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 (21) 2019481371 (22) 31.12.2019
 (54) Systems and processes for transmitting interactive content
 (51) Int. Cl.
G01S 5/02 (2010.01)
G06F 3/0346 (2013.01)
G06F 3/0488 (2013.01)
G06Q 30/02 (2012.01)
G11C 7/10 (2006.01)
H04N 21/422 (2011.01)
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 (21) 2020404994 (22) 16.12.2020
 (54) Modular power and connectivity system for infusion devices
 (51) Int. Cl.
A61M 5/14 (2006.01)
A61M 5/142 (2006.01)
A61M 5/168 (2006.01)
A61M 5/48 (2006.01)
G16H 20/17 (2018.01)
G16H 40/67 (2018.01)
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 (72) ZACHEK, Matthew
 (74) FB Rice Pty Ltd
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 (11) AU-A-2020409875
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 (54) Production of fructose from oligo- and/or polysaccharides
 (51) Int. Cl.
C12P 19/02 (2006.01)
C12N 9/10 (2006.01)
C12N 9/16 (2006.01)
C12P 19/18 (2006.01)
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 (31) 19218550.2 (32) 20.12.19 (33) EP
 (43) 24.06.2021
 (72) PICK, André
 (74) Griffith Hack
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- (71) Cella Therapeutics, LLC
 (11) AU-A-2020407072
 (21) 2020407072 (22) 16.12.2020
 (54) Drug delivery systems comprising a neurotrophic agent, an apoptosis signaling fragment inhibitor (FAS) or FAS ligand (FASL) inhibitor, a tumor necrosis factor- α (TNF- α) or TNF receptor inhibitor, a mitochondrial peptide, an oligonucleotide, a chemokine inhibitor, or a cysteine-aspartic protease inhibitor
 (51) Int. Cl.
A61K 38/08 (2019.01)
A61K 9/00 (2006.01)
A61K 31/36 (2006.01)
A61K 38/07 (2006.01)
A61K 38/16 (2006.01)
A61P 25/28 (2006.01)
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 (31) 62/949,773 (32) 18.12.19 (33) US
 (43) 24.06.2021
 (72) SCHIFFMAN, Rhett M.; SCHEIBLER, Lukas
 (74) FB Rice Pty Ltd
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- (71) Cella Therapeutics, LLC
 (11) AU-A-2020408029
 (21) 2020408029 (22) 17.12.2020
 (54) Drug delivery systems comprising an intraocular pressure lowering agent, a neurotrophic agent, a C-type Natriuretic Peptide, a Natriuretic Peptide Receptor-B, an apoptosis signaling fragment inhibitor or a FAS-ligand inhibitor for treating glaucoma or ocular hypertension
 (51) Int. Cl.
A61K 38/08 (2019.01)
A61K 31/192 (2006.01)
A61K 38/07 (2006.01)
A61P 27/06 (2006.01)
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 (31) 16/719,703 (32) 18.12.19 (33) US
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 (72) SCHIFFMAN, Rhett M.; SCHEIBLER, Lukas
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 (21) 2020397031 (22) 03.12.2020
 (54) Method and apparatus for adjacent channel interference mitigation
 (51) Int. Cl.
H04B 17/00 (2015.01)
H04W 72/00 (2009.01)
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 (31) 16/703,560 (32) 04.12.19 (33) US
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 (72) YAVUZ, Mehmet; MAHALINGAM, Nagi
 (74) FB Rice Pty Ltd
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 (21) 2020412324 (22) 26.12.2020
 (54) Combination of a proteasome inhibitor and a HDAC inhibitor and its use for the treatment of genetic diseases linked to a protein conformational disorder
 (51) Int. Cl.
A61K 31/4965 (2006.01)
A61K 31/16 (2006.01)
A61K 31/165 (2006.01)
A61K 31/18 (2006.01)

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 RICHARD, Isabelle
(74) Dennemeyer & Associates

(71) Classys Inc.
(11) AU-A-2020405892
(21) 2020405892 **(22)** 14.12.2020
(54) Therapeutic ultrasound generation
 device, and handpiece for ultrasound
 treatment including same
(51) Int. Cl.
A61N 7/02 (2006.01)
A61N 7/00 (2006.01)
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(31) 10-2019-0167873 **(32)** 16.12.19 **(33)** KR
(43) 24.06.2021
(72) PARK, Si Hyung; CHOI, Joon Hyun
(74) WRAYS PTY LTD

(71) Clean Planet Inc.
(11) AU-A-2020389304
(21) 2020389304 **(22)** 18.11.2020
(54) Heat generation device, heat utilization
 system and film-like heat generation
 element
(51) Int. Cl.
C01B 3/00 (2006.01)
C09K 5/16 (2006.01)
F28D 20/00 (2006.01)
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(31) 2019-208483 **(32)** 19.11.19 **(33)** JP
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(72) KOBAYASHI, Atsushi; IWAMURA, Yasu-
 uhiro; ITO, Takehiko; KASAGI, Jirota;
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(74) Spruson & Ferguson

(71) Climate LLC
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(54) Highly responsive farming systems with
 extraordinary in-season optimization
(51) Int. Cl.
B64C 39/02 (2006.01)
A01B 79/00 (2006.01)
A01C 15/00 (2006.01)
A01C 21/00 (2006.01)
B64D 1/16 (2006.01)
G06N 5/04 (2006.01)
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(31) 62/946,806 **(32)** 11.12.19 **(33)** US
(43) 17.06.2021
(72) NISSING, Nick
(74) Davies Collison Cave Pty Ltd

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 ments Michelin
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 proved elastomeric joint body
(51) Int. Cl.
B60C 7/18 (2006.01)

B60C 7/24 (2006.01)
(87) WO2021/126145
(43) 24.06.2021
(72) MILES, Kevin Corbett; CRON, Steven
 M.
(74) Griffith Hack

(71) Compagnie Generale des Etablisse-
 ments Michelin
(11) AU-A-2019479101
(21) 2019479101 **(22)** 16.12.2019
(54) Non-pneumatic tire spoke with im-
 proved elastomeric joint body
(51) Int. Cl.
B60C 7/18 (2006.01)
(87) WO2021/126144
(43) 24.06.2021
(72) MILES, Kevin Corbett; CRON, Steven
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(71) Crinetics Pharmaceuticals, Inc.
(11) AU-A-2020407016
(21) 2020407016 **(22)** 11.12.2020
(54) GEM-disubstituted piperidine melano-
 cortin subtype-2 receptor (MC2R) ant-
 agonists and uses thereof
(51) Int. Cl.
C07D 401/10 (2006.01)
A61K 31/444 (2006.01)
A61K 31/497 (2006.01)
A61K 31/501 (2006.01)
A61K 31/506 (2006.01)
A61P 3/04 (2006.01)
A61P 5/38 (2006.01)
C07D 401/14 (2006.01)
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(72) HAN, Sangdon; KIM, Sun Hee; ZHU,
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(74) FB Rice Pty Ltd

(71) CSL Innovation Pty Ltd
(11) AU-A-2020396054
(21) 2020396054 **(22)** 03.12.2020
(54) Use of an anti-Factor XII antibody for
 the treatment or prevention of heredit-
 ary angioedema
(51) Int. Cl.
C07K 16/36 (2006.01)
A61K 39/395 (2006.01)
A61P 7/10 (2006.01)
(87) WO2021/108862
(31) 62/943,117 **(32)** 03.12.19 **(33)** US
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(72) PRAGST, Ingo; PAWASKAR, Dipti;
 YURASZECK, Theresa; ZHANG, Ying
(74) FB Rice Pty Ltd

(71) Cugene Inc.
(11) AU-A-2020402097
(21) 2020402097 **(22)** 11.12.2020
(54) Novel interleukin-15 (IL-15) fusion pro-
 teins and uses thereof
(51) Int. Cl.

A61K 45/06 (2006.01)
A61P 31/12 (2006.01)
C07K 19/00 (2006.01)
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(74) Spruson & Ferguson

(71) CytomX Therapeutics, Inc.
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(21) 2021206218 **(22)** 06.01.2021
(54) Auristatin-related compounds, conjug-
 ated auristatin-related compounds, and
 methods of use thereof
(51) Int. Cl.
C07K 5/02 (2006.01)
A61K 47/68 (2017.01)
C07K 16/00 (2006.01)
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(74) WRAYS PTY LTD

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(11) AU-A-2020421659
(21) 2020421659 **(22)** 10.03.2020
(54) Peptide-containing composition for use
 for treating neoplastic lesions
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 9/08 (2006.01)
A61K 9/10 (2006.01)
A61K 47/10 (2017.01)
A61K 47/14 (2017.01)
A61K 47/24 (2006.01)
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(31) 2000167.3 **(32)** 07.01.20 **(33)** GB
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(72) EVANS, Charles; STEVENSON,
 Cameron; EDMUNDS, Suzanne
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Daikin Industries, Ltd.; Fairy Devices
 Inc.
(11) AU-A-2020385740
(21) 2020385740 **(22)** 30.09.2020
(54) Remote work support system
(51) Int. Cl.
H04N 7/18 (2006.01)
G06F 3/16 (2006.01)
G06Q 10/00 (2012.01)
G09G 5/00 (2006.01)
G09G 5/22 (2006.01)
G10L 15/00 (2013.01)
H04M 3/42 (2006.01)
H04M 3/56 (2006.01)
H04N 7/15 (2006.01)
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- (71) Daikin Industries, Ltd.
 (11) AU-A-2020412907
 (21) 2020412907 (22) 27.04.2020
 (54) Refrigeration cycle device, refrigeration machine oil and refrigerant leakage prevention agent
 (51) Int. Cl.
C10M 171/06 (2006.01)
C09K 3/10 (2006.01)
C09K 5/04 (2006.01)
C10M 147/02 (2006.01)
C10M 159/00 (2006.01)
F25B 1/00 (2006.01)
F25B 49/02 (2006.01)
C10N 30/00 (2006.01)
C10N 40/30 (2006.01)
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 (31) 2019-235055 (32) 25.12.19 (33) JP
 (43) 01.07.2021
 (72) KATOU, Taketo; SUGIYAMA, Akinari; OKUI, Takamune; INAGAKI, Sadayasu
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- (71) De' Longhi Appliances S.r.l. Con Unico Socio
 (11) AU-A-2020405601
 (21) 2020405601 (22) 18.12.2020
 (54) Injection molding method and apparatus for the production of a double layered component made of plastic material, and component made of plastic material
 (51) Int. Cl.
B29C 45/16 (2006.01)
B29C 45/00 (2006.01)
B29C 45/73 (2006.01)
B29C 45/74 (2006.01)
B29C 45/77 (2006.01)
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 (43) 24.06.2021
 (72) MAZZON, Renzo; VISENTIN, Silvio
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 (11) AU-A-2020409039
 (21) 2020409039 (22) 18.12.2020
 (54) Method and apparatus for the production of a component made of plastic material, and component made of plastic material
 (51) Int. Cl.
B29C 45/00 (2006.01)
B29C 45/16 (2006.01)
B29C 45/37 (2006.01)
A47G 19/12 (2006.01)
A47J 27/21 (2006.01)
A47J 37/08 (2006.01)
B29C 33/00 (2006.01)
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B29L 16/00 (2006.01)
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 (11) AU-A-2020409040
 (21) 2020409040 (22) 18.12.2020
 (54) Apparatus and method for the production of a component made of plastic material, and component made of plastic material
 (51) Int. Cl.
B29C 45/16 (2006.01)
B29C 45/26 (2006.01)
A47G 19/12 (2006.01)
A47J 27/21 (2006.01)
A47J 37/08 (2006.01)
B29C 45/00 (2006.01)
B29C 45/33 (2006.01)
B29L 31/00 (2006.01)
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 (72) MAZZON, Renzo; VISENTIN, Silvio
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- (71) Depuy Synthes Products, Inc.
 (11) AU-A-2020386668
 (21) 2020386668 (22) 16.11.2020
 (54) System and method of coupling an alignment guide to an intramedullary nail insertion handle
 (51) Int. Cl.
A61B 17/17 (2006.01)
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 (31) 16/690,543 (32) 21.11.19 (33) US
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 (54) Interleukin-4-induced gene 1 (IL4I1) and respective metabolites as biomarkers for cancer
 (51) Int. Cl.
C12Q 1/6886 (2018.01)
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 (31) 19214890.6 (32) 10.12.19 (33) EP
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 (74) Davies Collision Cave Pty Ltd
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- (71) Devrone Unlimited Company
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 (21) 2020405854 (22) 09.12.2020
 (54) Meat processing method and apparatus
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- (51) Int. Cl.
A22C 17/00 (2006.01)
A22B 5/00 (2006.01)
 (87) WO2021/122247
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 19218659.1 20.12.19 EP
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 (74) Phillips Ormonde Fitzpatrick
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- (71) Disati Medical, Inc
 (11) AU-A-2020397171
 (21) 2020397171 (22) 04.12.2020
 (54) Systems and methods for determining a degree of respiratory effort exerted by a patient while breathing
 (51) Int. Cl.
A61B 5/00 (2006.01)
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- (71) Dongieux, R.
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 (51) Int. Cl.
G06F 16/16 (2019.01)
G06F 16/182 (2019.01)
G06F 21/62 (2013.01)
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 (51) Int. Cl.
G01V 1/36 (2006.01)
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(51) Int. Cl.
C12N 5/0789 (2010.01)
C07D 519/00 (2006.01)
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(51) Int. Cl.
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
C12N 15/113 (2010.01)
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(11) AU-A-2020403209
(21) 2020403209 (22) 12.12.2020
(54) Application development involving instant prototyping
(51) Int. Cl.
G06F 8/34 (2018.01)
G06F 8/30 (2018.01)
G06F 8/36 (2018.01)
G06F 8/71 (2018.01)
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(51) Int. Cl.
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 47/10 (2017.01)
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C07K 7/06 (2006.01)
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(54) Crystalline hydrobromide salt of a EZH2 inhibitor, its preparation and pharmaceutical composition useful for the treatment of cancer
(51) Int. Cl.
C07D 405/12 (2006.01)
A61K 31/5377 (2006.01)
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(51) Int. Cl.
F03D 7/04 (2006.01)
F03D 7/02 (2006.01)
F03D 9/25 (2016.01)
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(51) Int. Cl.
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A61K 45/06 (2006.01)
A61P 1/16 (2006.01)
A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
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A61P 9/10 (2006.01)
A61P 11/00 (2006.01)
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(11) AU-A-2020408002
(21) 2020408002 (22) 16.12.2020
(54) Valve assembly for controlling fluid communication along a well tubular
(51) Int. Cl.
E21B 33/035 (2006.01)
E21B 34/04 (2006.01)
(87) WO2021/123764
(31) 1918790.5 (32) 19.12.19 (33) GB
(43) 24.06.2021
(72) SZPUNAR, Dariusz Krzysztof; DUPLESSIS, Andre Nicolaas; MANETT, Kris
(74) Spruson & Ferguson
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- (71) Fast IP, LLC
(11) AU-A-2020421500
(21) 2020421500 (22) 13.07.2020
(54) Adjustable footbeds for footwear
(51) Int. Cl.
A43B 3/26 (2006.01)
A43B 3/00 (2006.01)
A43B 3/24 (2006.01)
(87) WO2021/141633
(31) 62/957,822 (32) 07.01.20 (33) US
63/004,850 03.04.20 US
(43) 15.07.2021
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(74) Adams Pluck
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- (71) Fast IP, LLC
(11) AU-A-2021205258
(21) 2021205258 (22) 07.01.2021
(54) Footwear comprising a dynamic material exhibiting topographic transformation
(51) Int. Cl.
A43B 1/00 (2006.01)
A43B 23/02 (2006.01)
A43B 23/04 (2006.01)

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 (74) Adams Pluck
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- (71) Fast IP, LLC
 (11) AU-A-2021205914
 (21) 2021205914 (22) 07.01.2021
 (54) Footwear having micro adjustability
 (51) Int. Cl.
 A43B 3/26 (2006.01)
 A43B 13/14 (2006.01)
 A43B 13/18 (2006.01)
- (87) WO2021/142149
 (31) 62/957,815 (32) 07.01.20 (33) US
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 (74) Adams Pluck
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 (21) 2019479491 (22) 16.12.2019
 (54) Product with an array of core elements or voids and interposed sheets and methods for forming such a product
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 B29D 99/00 (2010.01)
 B29C 53/38 (2006.01)
 B29C 70/86 (2006.01)
 B29D 24/00 (2006.01)
 B32B 3/12 (2006.01)
 E01D 19/00 (2006.01)
 E04C 2/292 (2006.01)
- (87) WO2021/125937
 (43) 24.06.2021
 (72) PEETERS, Johannes Hendricus Alphonsus
 (74) Griffith Hack
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 (21) 2020396554 (22) 04.12.2020
 (54) Acylated active agents and methods of their use for the treatment of metabolic disorders and nonalcoholic fatty liver disease
 (51) Int. Cl.
 A61K 31/05 (2006.01)
 A61K 31/60 (2006.01)
 A61K 31/616 (2006.01)
- (87) WO2021/113620
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 (74) Davies Collison Cave Pty Ltd
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 (54) Mounting rail for firearm
 (51) Int. Cl.
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- (87) WO2021/116310
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 (72) LIBOTTE, Hugues
 (74) Spruson & Ferguson
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- (71) Fujikura Ltd.
 (11) AU-A-2021217260
 (21) 2021217260 (22) 22.01.2021
 (54) Optical fiber cable and manufacturing method for optical fiber cable
 (51) Int. Cl.
 G02B 6/44 (2006.01)
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 (31) 2020-018981 (32) 06.02.20 (33) JP
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 (74) FB Rice Pty Ltd
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 (21) 2020385850 (22) 20.11.2020
 (54) Resin container and monitoring device
 (51) Int. Cl.
 G08B 13/184 (2006.01)
 H01Q 19/10 (2006.01)
 H04Q 9/00 (2006.01)
- (87) WO2021/100870
 (31) 2019-211027 (32) 22.11.19 (33) JP
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 (72) HAMADA, Hiroki; MITSUHASHI, Yuito; KAGIMOTO, Taishi; HATTORI, Nobuhiko; MOCHIZUKI, Takahiro
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (54) Resin container and wireless communication system
 (51) Int. Cl.
 H04W 24/00 (2009.01)
 H04W 84/10 (2009.01)
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 (31) 2019-214249 (32) 27.11.19 (33) JP
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 (72) HAMADA, Hiroki; MITSUHASHI, Yuito; KAGIMOTO, Taishi; HATTORI, Nobuhiko; MOCHIZUKI, Takahiro
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Galvanize Therapeutics, Inc.
 (11) AU-A-2020405195
 (21) 2020405195 (22) 18.12.2020
 (54) Treatment of cardiac tissue with pulsed electric fields
 (51) Int. Cl.
 A61B 18/12 (2006.01)
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 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2020403145 (22) 11.12.2020
 (54) Anti-Ly6G6D antibodies and methods of use
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/725 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/30 (2006.01)
 C07K 16/46 (2006.01)
 A61K 39/00 (2006.01)
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 (31) 62/948,097 (32) 13.12.19 (33) US
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 (74) Spruson & Ferguson
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- (71) Genie Biotech UK Ltd.
 (11) AU-A-2020409711
 (21) 2020409711 (22) 18.12.2020
 (54) Synthesis of lactone derivatives and their use in the modification of proteins
 (51) Int. Cl.
 A61K 47/52 (2017.01)
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 (31) 19218587.4 (32) 20.12.19 (33) EP
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 (11) AU-A-2021208532
 (21) 2021208532 (22) 15.01.2021
 (54) Formulations of CD38 antibodies and uses thereof
 (51) Int. Cl.
 A61K 39/395 (2006.01)
 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
 C07K 16/18 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/40 (2006.01)
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 (31) 62/962,028 (32) 16.01.20 (33) US
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 (72) CLAUSEN, Jacob D.; HIBBERT, Richard; DALGAARD, Michael B.
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 (21) 2020398164 (22) 01.12.2020
 (54) System and methods for lab automation data sharing
 (51) Int. Cl.
G01N 35/00 (2006.01)
G06Q 10/08 (2012.01)
 (87) WO2021/113238
 (31) 62/942,539 (32) 02.12.19 (33) US
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 (43) 10.06.2021
 (72) LANPHEER, John
 (74) FB Rice Pty Ltd
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- (71) Gilbarco Inc.
 (11) AU-A-2020398240
 (21) 2020398240 (22) 04.12.2020
 (54) Fuel dispenser having selectively viewable secondary display
 (51) Int. Cl.
B67D 7/04 (2010.01)
B67D 7/08 (2010.01)
B67D 7/56 (2010.01)
G01F 15/06 (2006.01)
G06Q 50/06 (2012.01)
G09G 5/00 (2006.01)
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 (31) 16/706,213 (32) 06.12.19 (33) US
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 (74) Dennemeyer & Associates
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- (71) Gilead Sciences, Inc.
 (11) AU-A-2020391466
 (21) 2020391466 (22) 25.11.2020
 (54) Capsid inhibitors for the prevention of HIV
 (51) Int. Cl.
A61K 31/454 (2006.01)
A61K 9/00 (2006.01)
A61K 31/553 (2006.01)
A61K 31/675 (2006.01)
A61K 45/06 (2006.01)
A61K 47/10 (2017.01)
A61K 47/34 (2017.01)
A61P 31/18 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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- (71) GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
 (11) AU-A-2020404975
 (21) 2020404975 (22) 17.12.2020
 (54) Tamper-proof and controlled dosing container
 (51) Int. Cl.
B05B 11/00 (2006.01)
 (87) WO2021/127117
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- (43) 24.06.2021
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 (74) AJ PARK
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 (11) AU-A-2020408342
 (21) 2020408342 (22) 17.12.2020
 (54) Topical pharmaceutical compositions for treating onychomycosis
 (51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/137 (2006.01)
A61K 31/23 (2006.01)
A61K 45/06 (2006.01)
A61P 31/10 (2006.01)
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- (71) Grand Theravac Life Science (Nanjing) Co., Ltd.
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 (21) 2020400234 (22) 11.12.2020
 (54) Pharmaceutical composition and use thereof
 (51) Int. Cl.
A61K 39/39 (2006.01)
A61K 39/00 (2006.01)
A61K 39/25 (2006.01)
 (87) WO2021/115409
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 (74) Collison & Co
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 (11) AU-A-2020403296
 (21) 2020403296 (22) 11.12.2020
 (54) Immunostimulatory composition and use thereof
 (51) Int. Cl.
A61K 39/39 (2006.01)
A61K 39/245 (2006.01)
A61K 39/29 (2006.01)
A61P 33/00 (2006.01)
A61P 35/00 (2006.01)
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 (31) 201911279536.0 (32) 13.12.19 (33) CN
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 (11) AU-A-2020382452
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- (54) Ventilated solar panel roof
 (51) Int. Cl.
H02S 40/42 (2014.01)
E04D 13/17 (2006.01)
H02S 20/23 (2014.01)
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- (71) Guangdong Feipeng Pharmaceutical Co., Ltd.
 (11) AU-A-2021380853
 (21) 2021380853 (22) 22.12.2021
 (54) Antibody targeting CD47 and application thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
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 (43) 07.07.2022
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 (74) James & Wells Intellectual Property
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 (54) Air conditioner indoor unit and air conditioner
 (51) Int. Cl.
F24F 1/00 (2019.01)
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 (87) WO2022/120947
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 (74) Dark IP
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- (71) H. Lee Moffitt Cancer Center and Research Institute Inc.
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 (54) AKT inhibitors for enhancing chimeric T cell persistence
 (51) Int. Cl.
A61K 35/14 (2015.01)
A61K 35/17 (2015.01)
A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
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 (74) FB Rice Pty Ltd

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 (54) Loosening prevention device
 (51) Int. Cl.
F16B 39/12 (2006.01)
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- (71) Henan Zhiwei Biomedicine Co., Ltd.
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 (54) Substituted imidazolecarboxamide as Bruton's Tyrosine Kinase inhibitors
 (51) Int. Cl.
C07D 403/14 (2006.01)
A61K 31/4985 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 487/04 (2006.01)
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- (71) Highlife SAS
 (11) AU-A-2020420173
 (21) 2020420173 (22) 18.12.2020
 (54) Transcatheter valve prosthesis
 (51) Int. Cl.
A61F 2/24 (2006.01)
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- (71) Hill's Pet Nutrition, Inc.
 (11) AU-A-2020415347
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 (54) Pet food compositions
 (51) Int. Cl.
A23K 50/40 (2016.01)
A23K 20/163 (2016.01)
A23K 50/42 (2016.01)
A61P 3/04 (2006.01)
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- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2019475299
 (21) 2019475299 (22) 22.11.2019
 (54) Method for reporting position information of user equipment, user equipment and network equipment
 (51) Int. Cl.
H04W 24/10 (2009.01)
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- (71) Hudson Institute of Medical Research
 (11) AU-A-2020404453
 (21) 2020404453 (22) 18.12.2020
 (54) CXCL10 binding proteins and uses thereof
 (51) Int. Cl.
C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
G01N 33/543 (2006.01)
G01N 33/574 (2006.01)
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- (71) Illinois Tool Works Inc.
 (11) AU-A-2020386992
 (21) 2020386992 (22) 20.11.2020
 (54) Grouting method
 (51) Int. Cl.
E02B 17/00 (2006.01)
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 (11) AU-A-2021210523
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 (54) Electrode assembly and electrolyser
 (51) Int. Cl.
C25B 1/02 (2006.01)
C25B 1/04 (2021.01)
C25B 1/16 (2006.01)
C25B 1/46 (2006.01)
C25B 9/00 (2021.01)
C25B 11/04 (2021.01)
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- (71) Institute of Genetics and Developmental Biology Chinese Academy of Sciences
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 (51) Int. Cl.
A01H 1/00 (2006.01)
A01H 5/10 (2018.01)
A01H 6/46 (2018.01)
C07K 14/415 (2006.01)
C12N 9/12 (2006.01)
C12N 15/82 (2006.01)
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 (11) AU-A-2020383878
 (21) 2020383878 (22) 10.11.2020
 (54) Method and system for detecting target component by using mobile terminal
 (51) Int. Cl.
G01N 33/52 (2006.01)
G01N 33/53 (2006.01)
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 (21) 2020410417 (22) 15.12.2020
 (54) A multichamber structural element and a multichamber structural element manufacturing method
 (51) Int. Cl.
B21D 26/021 (2011.01)
B21D 26/059 (2011.01)
B21D 47/01 (2006.01)
B21D 47/02 (2006.01)
E04C 3/00 (2006.01)
E04C 3/32 (2006.01)
E04G 25/02 (2006.01)
E21D 15/02 (2006.01)
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 (11) AU-A-2021215331
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 (54) Self assembled monolayer formed on a quantum device
 (51) Int. Cl.
H01L 39/24 (2006.01)
B82Y 10/00 (2011.01)
G06N 10/00 (2019.01)
H01L 27/18 (2006.01)
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 (11) AU-A-2020074530
 (21) 2020074530 (22) 07.02.2020
 (54) Method and system for detecting target component by using mobile terminal
 (51) Int. Cl.
G01N 33/52 (2006.01)
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 (54) Loosening prevention device
 (51) Int. Cl.
F16B 39/12 (2006.01)
F16B 39/18 (2006.01)
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 (11) AU-A-2019475299
 (21) 2019475299 (22) 22.11.2019
 (54) Method for reporting position information of user equipment, user equipment and network equipment
 (51) Int. Cl.
H04W 24/10 (2009.01)
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- (71) ZIĘTA, Oskar
 (11) AU-A-2020415347
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 (54) Pet food compositions
 (51) Int. Cl.
A23K 50/40 (2016.01)
A23K 20/163 (2016.01)
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A61P 3/04 (2006.01)
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 (11) AU-A-2021216126

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 (72) AFZALI-ARDAKANI, Ali; HAIGHT, Richard; SANDBERG, Martin; ADIGA, Vivekananda (74) Spruson & Ferguson (74) Spruson & Ferguson
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- (71) International Business Machines Corporation (71) Inventio AG
 (11) AU-A-2021217208 (11) AU-A-2020405669 (11) AU-A-2020398231
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 (54) MTJ stack containing top magnetic pinned layer having strong perpendicular magnetic anisotropy (54) Door frame of a lift system (54) System and methods for improved anaerobic digestion
 (51) Int. Cl. (51) Int. Cl. (51) Int. Cl.
H01L 27/22 (2006.01) *B66B 11/00* (2006.01) *C12M 1/00* (2006.01)
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 (31) 16/785,238 (32) 07.02.20 (33) US (31) 19218456.2 (32) 20.12.19 (33) EP (31) 62/944,966 (32) 06.12.19 (33) US
 (43) 12.08.2021 (43) 24.06.2021 (43) 10.06.2021
 (72) WOO, Seonghoon; GOTTWALD, Matthias Georg (72) BUCHS, Philipp; FERRARIO, Paolo; MARINELLI, Enrico (72) PARRY, David Lloyd; RUS PEREZ, Ester
 (74) Spruson & Ferguson (74) Griffith Hack (74) BOSH IP Pty Ltd
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 (11) AU-A-2021227739 (11) AU-A-2020408801 (11) AU-A-2020387709
 (21) 2021227739 (22) 09.02.2021 (21) 2020408801 (22) 01.12.2020 (21) 2020387709 (22) 17.11.2020
 (54) Executing tests in deterministic order (54) Method for conveying personalised information to a user of a building (54) Anti-CD79 chimeric antigen receptors, CAR-T cells, and uses thereof
 (51) Int. Cl. (51) Int. Cl. (51) Int. Cl.
G06F 11/36 (2006.01) *G07C 9/00* (2020.01) *H04M 11/02* (2006.01)
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H04N 19/122 (2014.01)
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A62C 31/28 (2006.01)
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H01M 10/613 (2014.01)
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C08L 27/06 (2006.01)
C08J 5/12 (2006.01)
C08K 3/22 (2006.01)
C08L 27/24 (2006.01)
F16L 9/12 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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 derica; KANGASMETSA, Jussi;
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(51) Int. Cl.
A23K 10/20 (2016.01)
A23K 10/30 (2016.01)
A23K 40/25 (2016.01)
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B29C 48/36 (2019.01)
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B60B 1/00 (2006.01)
B60B 15/18 (2006.01)
B60B 19/00 (2006.01)
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B62D 37/00 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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A23L 33/00 (2016.01)
A23L 33/125 (2016.01)
A61K 31/19 (2006.01)
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F17C 9/00 (2006.01)
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B65D 90/00 (2006.01)
F17C 5/02 (2006.01)
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A01N 43/54 (2006.01)
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G06Q 30/02 (2012.01)
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H04W 4/21 (2018.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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F16C 23/04 (2006.01)
F16C 33/20 (2006.01)
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Hecht
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MALMERSJÖ, Seth; PAAVOLA, Kevin
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B65D 41/34 (2006.01)
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combinations
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A61K 9/68 (2006.01)
A61K 31/185 (2006.01)
A61K 31/197 (2006.01)
A61K 31/198 (2006.01)
A61K 31/375 (2006.01)
A61K 31/522 (2006.01)
A61K 36/258 (2006.01)
A61K 36/53 (2006.01)
A61K 47/10 (2017.01)
A61K 47/12 (2006.01)
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Ross Jay; LAMPE, Matthew Evan;
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WADZKI, Michael Andrew
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component
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A24B 13/00 (2006.01)
A24B 15/16 (2020.01)
A24B 15/28 (2006.01)
A24B 15/30 (2006.01)
D04H 1/407 (2012.01)
D04H 1/413 (2012.01)
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Ronald K.; MCCLANAHAN, David
Neil; PATEL, Pankaj; O'NEAL, Travis;
BEESON, Dwayne William; JONES,
Wesley Steven
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(54) Layered fleece for pouched product
(51) Int. Cl.
B32B 5/02 (2006.01)
A24B 13/00 (2006.01)
B32B 3/26 (2006.01)
B32B 5/26 (2006.01)
B32B 7/02 (2019.01)
B32B 7/05 (2019.01)
B65D 65/46 (2006.01)
B65D 75/26 (2006.01)
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Dwayne William; HUTCHENS, Ronald
K.; JONES, Wesley Steven; MCCLA-
NAHAN, David Neil; O'NEAL, Travis;
PATEL, Pankaj
(74) FB Rice Pty Ltd
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(54) Pouched products with heat sealable
binder
(51) Int. Cl.
A23L 27/00 (2016.01)
A23P 20/10 (2016.01)
A24B 13/00 (2006.01)
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A24F 23/02 (2006.01)
D04H 1/425 (2012.01)
D04H 1/4258 (2012.01)
D04H 1/58 (2012.01)
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PATEL, Pankaj
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(54) Oral product comprising a cannabinoid
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A61K 9/107 (2006.01)
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
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Thomas H.; ALDERMAN, Steven Lee
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(54) Oral products with controlled release
(51) Int. Cl.
A24B 13/00 (2006.01)
A24B 15/16 (2020.01)
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ARDI, Anthony Richard; GRIMES, Chris
J.; HUTCHENS, Ronald K.; KELLER,
Christopher; POOLE, Thomas H.; ST.
CHARLES, Frank Kelley
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(54) Oral compositions and methods of
manufacture
(51) Int. Cl.
A24B 13/00 (2006.01)
A23G 3/36 (2006.01)
A23G 3/42 (2006.01)
A23G 3/48 (2006.01)
A23G 4/06 (2006.01)
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HUTCHENS, Ronald K.; MABE, Jeremy
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Jay; ZAWADZKI, Michael Andrew;
GERARDI, Anthony Richard
(74) FB Rice Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2020401485
(21) 2020401485 **(22)** 07.12.2020
(54) Oral product in a porous pouch comprising a fleece material
(51) Int. Cl.
A24B 3/14 (2006.01)
A23L 27/00 (2016.01)
A23L 33/105 (2016.01)
A23L 33/15 (2016.01)
A23L 33/175 (2016.01)
A23L 33/21 (2016.01)
A23P 20/10 (2016.01)
A24B 13/00 (2006.01)
A24F 23/02 (2006.01)

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(31) 62/945,567 **(32)** 09.12.19 **(33)** US
(43) 17.06.2021
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(74) FB Rice Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2020402178
(21) 2020402178 **(22)** 07.12.2020
(54) Lipid-containing oral composition
(51) Int. Cl.
A61K 47/26 (2006.01)
A24B 13/00 (2006.01)
A24B 15/16 (2020.01)
A61K 31/195 (2006.01)
A61K 31/375 (2006.01)
A61K 36/00 (2006.01)
A61K 47/44 (2017.01)

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(43) 17.06.2021
(72) BUNCH, John E.; GERARDI, Anthony Richard; HOLTON Jr., Darrell Eugene; HUTCHENS, Ronald K.; POOLE, Thomas H.; MONSALUD, Luis; MUA, John Paul; ST. CHARLES, Frank Kelley
(74) FB Rice Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2020403651
(21) 2020403651 **(22)** 02.12.2020
(54) Oral product comprising a cannabinoid
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
A61K 9/16 (2006.01)
A61K 9/20 (2006.01)
A61K 31/352 (2006.01)

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(43) 17.06.2021
(72) GERARDI, Anthony Richard; POOLE, Thomas H.; ALDERMAN, Steven Lee
(74) FB Rice Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2020403662
(21) 2020403662 **(22)** 08.12.2020
(54) Oral compositions with reduced water activity
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/465 (2006.01)
(87) WO2021/116892
(31) 16/707,225 **(32)** 09.12.19 **(33)** US
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(74) FB Rice Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2020410194
(21) 2020410194 **(22)** 21.12.2020
(54) A component for an article for use in an aerosol delivery system
(51) Int. Cl.
A24D 1/20 (2020.01)
A24D 3/00 (2020.01)
A24D 3/02 (2006.01)
A24D 3/04 (2006.01)
A24D 3/06 (2006.01)
A24D 3/17 (2020.01)
A24F 40/30 (2020.01)

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(72) GRISHCHENKO, Andrei; SPEND-LOVE, David
(74) Spruson & Ferguson

(71) Nippon Soda Co., Ltd.
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(21) 2021213611 **(22)** 29.01.2021
(54) Agricultural and horticultural composition
(51) Int. Cl.
A01N 47/18 (2006.01)
A01N 59/26 (2006.01)
A01P 3/00 (2006.01)
A01P 21/00 (2006.01)

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(74) Madderns Pty Ltd

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(54) Wearable environmental sensor device
(51) Int. Cl.
G01D 21/00 (2006.01)
A61B 5/11 (2006.01)
G01K 1/08 (2021.01)
G01K 1/14 (2021.01)
G01W 1/00 (2006.01)

G01W 1/11 (2006.01)
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(72) TOKURA, Akio; KUWABARA, Kei; ISHIHARA, Takako
(74) Spruson & Ferguson

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(54) Inhaler system
(51) Int. Cl.
G16H 50/30 (2018.01)
A61B 5/087 (2006.01)
A61M 15/00 (2006.01)
G16H 20/13 (2018.01)
(87) WO2021/122968
(31) PCT/ **(32)** 30.04.20 **(33)** IB
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(72) MILTON-EDWARDS, Mark; SAFIOTI, Guilherme; REICH, Michael
(74) Spruson & Ferguson

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(21) 2020401733 **(22)** 07.12.2020
(54) Providing and obtaining one or more data sets via a digital communication network
(51) Int. Cl.
H04L 9/40 (2022.01)
(87) WO2021/116046
(31) 19215850.9 **(32)** 12.12.19 **(33)** EP
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(72) CLANZETT, Sebastian; HENNIG, Rene; STEVENS, Philip
(74) GLMR

(71) Novartis AG; Pliant Therapeutics, Inc.
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(21) 2020405182 **(22)** 18.12.2020
(54) Combination treatment of liver diseases using integrin inhibitors
(51) Int. Cl.
A61K 31/4375 (2006.01)
A61K 31/46 (2006.01)
A61P 1/16 (2006.01)
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(21) 2020407071 (22) 16.12.2020
(54) Methods of production of arginine-silicate complexes
(51) Int. Cl.
A61K 31/045 (2006.01)
A61K 31/198 (2006.01)
A61P 25/00 (2006.01)
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(74) Spruson & Ferguson
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(11) AU-A-2020409851
(21) 2020409851 (22) 18.12.2020
(54) Novel nicotinamide di-nucleotide derivatives and use thereof
(51) Int. Cl.
C07H 21/02 (2006.01)
A61K 31/7084 (2006.01)
A61P 25/00 (2006.01)
(87) WO2021/123388
(31) 19218817.5 (32) 20.12.19 (33) EP
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(72) BERMOND, Guillaume; GARÇON, Laurent
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
G06K 9/62 (2006.01)
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(43) 27.05.2021
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(74) Davies Collison Cave Pty Ltd
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(21) 2020387942 (22) 17.11.2020
(54) Training and inferencing using a neural network to predict orientations of objects in images
(51) Int. Cl.
G06K 9/00 (2006.01)
G06K 9/62 (2006.01)
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(21) 2020409592 (22) 18.12.2020
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(51) Int. Cl.
C09D 5/14 (2006.01)
B42D 25/29 (2014.01)
C09D 7/40 (2018.01)
C09D 7/61 (2018.01)
C09D 7/62 (2018.01)
C09D 133/08 (2006.01)
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C08K 3/08 (2006.01)
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C08K 9/12 (2006.01)
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(31) FR1914829 (32) 19.12.19 (33) FR
(43) 24.06.2021
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(74) AJ PARK
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- (71) Oil Lift Technology Inc.
(11) AU-A-2020472899
(21) 2020472899 (22) 23.12.2020
(54) Stuffing box with pressurized fluid chamber and related methods
(51) Int. Cl.
E21B 33/03 (2006.01)
(43) 07.07.2022
(72) SENGER, Ross Willard
(74) Spruson & Ferguson
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- (71) Omeros Corporation
(11) AU-A-2020391175
(21) 2020391175 (22) 24.11.2020
(54) Methods for treating and/or preventing idiopathic pneumonia syndrome (IPS) and/or capillary leak syndrome (CLS) and/or engraftment syndrome (ES) and/or fluid overload (FO) associated with hematopoietic stem cell transplant
(51) Int. Cl.
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
C07K 16/40 (2006.01)
(87) WO2021/108447
(31) 62/940,720 (32) 26.11.19 (33) US
62/940,735 26.11.19 US
(43) 03.06.2021
(72) DEMOPULOS, Gregory A.; DUDLER, Thomas A.
(74) FPA Patent Attorneys Pty Ltd
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- (71) Orionis Biosciences, Inc.; Orionis Biosciences BV
(11) AU-A-2020404918
(21) 2020404918 (22) 15.12.2020
(54) Detection of molecular interactions
(51) Int. Cl.
C07K 19/00 (2006.01)
C12N 1/19 (2006.01)
C12N 5/10 (2006.01)
C12N 15/09 (2006.01)
C12Q 1/68 (2018.01)
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(74) WRAYS PTY LTD
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(21) 2020404956 (22) 16.12.2020
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(51) Int. Cl.
A61K 31/506 (2006.01)
A61K 45/06 (2006.01)
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(31) 62/949,027 (32) 17.12.19 (33) US
(43) 24.06.2021
(72) KLEY, Nikolai; SABATINI, Riccardo; SUH, Edward
(74) WRAYS PTY LTD
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- (71) Orionis Biosciences, Inc.; Orionis Biosciences BV
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(21) 2020407039 (22) 15.12.2020
(54) Modulation of protein degradation
(51) Int. Cl.
A23J 3/14 (2006.01)
A23J 3/22 (2006.01)
A23J 3/26 (2006.01)
(87) WO2021/126805
(31) 62/949,021 (32) 17.12.19 (33) US
(43) 24.06.2021
(72) KLEY, Nikolai; LIEVENS, Samuel; SABATINI, Riccardo
(74) WRAYS PTY LTD
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- (71) Orionis Biosciences, Inc.
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(21) 2020408333 (22) 16.12.2020
(54) Bifunctional agents for protein recruitment and/or degradation
(51) Int. Cl.
A61K 47/18 (2017.01)
A61P 35/00 (2006.01)
(87) WO2021/126974
(31) 62/949,028 (32) 17.12.19 (33) US
(43) 24.06.2021
(72) KLEY, Nikolai; SABATINI, Riccardo; SUH, Edward
(74) WRAYS PTY LTD
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(21) 2020397956 (22) 04.12.2020
(54) Circular RNA compositions and methods
(51) Int. Cl.
A61K 48/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/7105 (2006.01)
C07K 14/725 (2006.01)
C12N 15/11 (2006.01)
C12N 15/115 (2010.01)
C12N 15/64 (2006.01)
C12N 15/85 (2006.01)
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 (21) 2020393188 (22) 26.11.2020
 (54) An agricultural adjuvant
 (51) Int. Cl.
 A01N 25/04 (2006.01)
 A01N 25/00 (2006.01)
 A01N 25/30 (2006.01)
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 (31) 1917213.9 (32) 26.11.19 (33) GB
 (43) 03.06.2021
 (72) MONTEIRO, Sara Alexandra Valadas
 Silva; PULLEN, Carol
 (74) Griffith Hack
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- (71) Ostara Nutrient Recovery Technologies
 Inc.
 (11) AU-A-2021223668
 (21) 2021223668 (22) 19.02.2021
 (54) Slow-release potassium and sulfur fer-
 tilizer and methods for making same
 (51) Int. Cl.
 C05G 1/00 (2006.01)
 C05D 1/00 (2006.01)
 C05D 9/00 (2006.01)
 C05D 11/00 (2006.01)
 C05G 3/00 (2020.01)
 C05G 3/20 (2020.01)
 C05G 3/40 (2020.01)
 C05G 5/12 (2020.01)
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 (31) 62/979,714 (32) 21.02.20 (33) US
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 SPINGELEN, Robert; BRITTON, Ahren
 (74) Halfords IP
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 (54) Magnetic nerve stimulator
 (51) Int. Cl.
 A61N 1/32 (2006.01)
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 (74) Madderns Pty Ltd
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- (71) PayPal, Inc.
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 (54) Tagging objects in augmented reality to
 track object data
 (51) Int. Cl.
 G09G 5/00 (2006.01)
- (71) PayPal, Inc.
 (11) AU-A-2020417722
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 (54) Dynamically rendered interface ele-
 ments during online chat sessions
 (51) Int. Cl.
 G06Q 30/00 (2012.01)
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 (11) AU-A-2020401544
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 (54) Random access sensor
 (51) Int. Cl.
 H04N 5/345 (2011.01)
 H04N 5/341 (2011.01)
 H04N 5/374 (2011.01)
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 H04N 5/376 (2011.01)
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 GILI, Bruno; MÁRQUEZ, Ana González
 (74) FB Rice Pty Ltd
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- (71) Petróleo Brasileiro S.A. - Petrobras
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 (21) 2020396057 (22) 02.12.2020
 (54) Method for clearing flexible lines using
 coiled tubing from a well intervention rig
 (51) Int. Cl.
 E21B 23/00 (2006.01)
 E21B 37/00 (2006.01)
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 BARBOSA MARTINS, Paulo Igor;
 RENIR COMUNELLO, Rossano; BEVIL-
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 Karla; TAVARES FERNANDES, Paulo;
 MEIRELES PALMEIRA, Anderson;
 DE LIMA FRANÇA, Nilton; PINTO
 PADILHA, Jose Augusto
 (74) Davies Collison Cave Pty Ltd
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- (71) Pindrop Security, Inc.
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 (54) Cross-channel enrollment and authen-
 tication of voice biometrics
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 G10L 17/00 (2013.01)
 G06F 21/32 (2013.01)
 G10L 15/16 (2006.01)
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 KUMAR, Avrosh
 (74) RnB IP Pty Ltd
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 (54) System and method for assessing a di-
 gital interaction with a digital third party
 account service
 (51) Int. Cl.
 G06F 21/31 (2013.01)
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 H04L 9/32 (2006.01)
 H04W 12/06 (2021.01)
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 Samir
 (74) Spruson & Ferguson
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- (71) PlotLogic Pty Ltd
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 (54) Real time mine monitoring system and
 method
 (51) Int. Cl.
 G01S 17/86 (2020.01)
- (87) WO2021/108838
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 (74) Spruson & Ferguson
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 (54) Anti-MUC1 compositions and methods
 of use
 (51) Int. Cl.
 C07K 16/30 (2006.01)
 A61K 39/00 (2006.01)
 C07K 14/725 (2006.01)
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 (72) OSTERTAG, Eric M.; SHEDLOCK,
 Devon
 (74) FPA Patent Attorneys Pty Ltd

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 (54) Compositions and methods for light-directed biomolecular barcoding
 (51) Int. Cl.
 C12N 15/10 (2006.01)
 C12N 15/11 (2006.01)
 C12Q 1/68 (2018.01)
 C12Q 1/6806 (2018.01)
 C12Q 1/6813 (2018.01)
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 (74) FB Rice Pty Ltd
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 (54) Method of construction
 (51) Int. Cl.
 E04B 1/35 (2006.01)
 E04G 3/28 (2006.01)
 E04G 11/02 (2006.01)
 E04H 1/00 (2006.01)
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 (43) 01.07.2021
 (72) PRESTON, John Clement
 (74) Griffith Hack
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 (54) TLR7 agonists
 (51) Int. Cl.
 A61K 38/17 (2006.01)
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 (74) Spruson & Ferguson
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 (51) Int. Cl.
 C12N 15/82 (2006.01)
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 C12N 15/63 (2006.01)
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 (72) SHEVA, Maor; HANANIA, Uri
 (74) Davies Collison Cave Pty Ltd
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- (71) Purac Biochem B.V.
 (11) AU-A-2020409543
 (21) 2020409543 (22) 15.12.2020
 (54) Method of preparing a preserved fruit composition
 (51) Int. Cl.
 A23B 7/154 (2006.01)
 A23L 2/02 (2006.01)
 A23L 19/00 (2016.01)
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 (72) IANCU, Catalin; PRITAWARDANI, Prita
 (74) Griffith Hack
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B66D 3/00 (2006.01)
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E04G 3/32 (2006.01)
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A61K 31/706 (2006.01)
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A24F 42/60 (2020.01)
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F03D 13/30 (2016.01)
F03D 15/10 (2016.01)
F03G 3/08 (2006.01)
H02J 15/00 (2006.01)
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C07K 14/12 (2006.01)
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C07K 14/47 (2006.01)
C12N 15/11 (2006.01)
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C22B 26/12 (2006.01)
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H02M 3/06 (2006.01)
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G21B 1/05 (2006.01)
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A61L 24/10 (2006.01)
A61F 2/28 (2006.01)
A61F 2/38 (2006.01)
A61K 47/32 (2006.01)
A61K 47/42 (2017.01)
A61L 24/06 (2006.01)
A61L 27/16 (2006.01)
A61L 27/22 (2006.01)
A61L 27/26 (2006.01)
A61L 27/52 (2006.01)
C08J 3/075 (2006.01)
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 CALDER, Dax **C09B 67/02** (2006.01)
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C07D 491/18 (2006.01)
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A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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 Consejo Superior De Investigaciones
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 sion of therapeutic and imaging agents
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A61P 35/00 (2006.01)
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 nanoparticles
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 Ltd
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 PIROTTE, Alan
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F03D 17/00 (2016.01)
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G01D 18/00 (2006.01)
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G06N 5/02 (2006.01)
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 ment of type I diabetes
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 vention and treatment of type 2 dia-
 betes
(51) Int. Cl.
A61K 31/223 (2006.01)
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 atohepatitis
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 method and apparatus, and communic-
 ation device
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 Matthew Michael; BYRD, Alana; FARM-
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 synchronization
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H04N 21/43 (2011.01)
G11B 27/28 (2006.01)
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B25B 1/24 (2006.01)
B25B 1/20 (2006.01)
B25B 5/16 (2006.01)
F16C 11/06 (2006.01)
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 ease
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E21B 19/16 (2006.01)
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(51) Int. Cl.
B65D 71/14 (2006.01)
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(31) 62/948,471 **(32)** 16.12.19 **(33)** US
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B64D 27/24 (2006.01)
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 JONES, Brandon; FITZSIMONS, John
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C12Q 1/6886 (2018.01)
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 erator-side terminal voltage of convert-
 er, and controller of converter
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H02P 9/14 (2006.01)
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(74) Madderns Pty Ltd
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(54) Compositions and methods for treat-
 ing, ameliorating, and/or preventing dis-
 eases or disorders caused by or asso-
 ciated with DNase1 and/or DNase1L3
 deficiency
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C12N 9/22 (2006.01)
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H04W 72/02 (2009.01)
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(54) Method for reference signal design and
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H04L 5/00 (2006.01)
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 YAO, Ke; PAN, Yu; ZHANG, Yang;
 YAN, Wenjun
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2019474716	Protalix Ltd.	2020395136	Turning Point Therapeutics, Inc.
2019475002	NVIDIA Corporation	2020395154	Schvey, Inc. d/b/a Axoni
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2019475492	Sepúlveda León, G.		
2019477545	Telefonaktiebolaget LM Ericsson (publ)	2020395741	Henan Zhiwei Biomedicine Co., Ltd.
2019478702	Nippon Telegraph and Telephone Corporation	2020396023	Kim, Y.
2019478722	Compagnie Generale des Etablissements Michelin	2020396050	PlotLogic Pty Ltd
2019478778	Suzhou Raymon Pharmaceuticals Company, Ltd.	2020396054	CSL Innovation Pty Ltd
2019478910	ResMed Asia Pte. Ltd.	2020396057	Petróleo Brasileiro S.A. - Petrobras
2019479051	Vector Vitale IP LLC	2020396088	Aspen Aerogels Inc.
2019479101	Compagnie Generale des Etablissements Michelin	2020396099	Radio Systems Corporation
2019479120	Vector Vitale IP LLC	2020396109	Enlitisa (Shanghai) Pharmaceutical Co., Ltd.
2019479291	Vector Vitale IP LLC	2020396554	Flagship Pioneering Innovations V, Inc.
2019479491	FiberCore IP B.V.	2020396647	Ajinomoto Co., Inc.
2019481371	Cardlytics, Inc.	2020396797	ScalaMed Pty Ltd
2020382452	Gruppen AB	2020397031	Celona, Inc.
2020383878	Institute of Quality Standard and Testing Technology for Agro-Products, Chinese Academy of Agricultural Sciences	2020397063	Ashvattha Therapeutics, Inc.
		2020397064	Ashvattha Therapeutics, Inc.
2020384836	LG ELECTRONICS INC.	2020397171	Disati Medical, Inc
2020385200	ZTE Corporation	2020397366	Xinjiang Goldwind Science & Technology Co., Ltd.
2020385657	Meropy	2020397850	Andreev, A.
2020385717	W.S.C. Sports Technologies Ltd.	2020397956	Orna Therapeutics, Inc.
2020385740	Daikin Industries, Ltd.; Fairy Devices Inc.	2020398076	Biococchi, E.
2020385850	Furukawa Electric Co., Ltd.	2020398164	Gen-Probe Incorporated
2020386055	Suzuki, T.	2020398177	Board of Regents, The University of Texas System
2020386084	Suversol International, LLC	2020398231	Jacobs Engineering Group, Inc.
2020386169	Universitat Politècnica de València; Consejo Superior De Investigaciones Científicas (CSIC)	2020398240	Gilbarco Inc.
		2020398360	Universite de Strasbourg; Centre National de la Recherche Scientifique
2020386318	Talkiwear Pty Ltd	2020398539	Savkay, B.
2020386500	Johnson & Johnson Surgical Vision, Inc.	2020398658	Scribe Therapeutics Inc.
2020386516	Sum LLC	2020398975	Archer Daniels Midland Company
2020386668	Depuy Synthes Products, Inc.	2020399047	Shanghai Zhimeng Biopharma, Inc.
2020386674	Johnson & Johnson Consumer Inc.	2020399169	Thales
2020386767	LG Electronics Inc.	2020399205	FN Herstal S.A.
2020386967	Senda Biosciences, Inc.	2020399263	3D Bio-Tissues Limited
2020386992	Illinois Tool Works Inc.	2020399281	Nicoventures Trading Limited
2020387317	LG Electronics Inc.	2020399291	Nicoventures Trading Limited
2020387407	H. Lee Moffitt Cancer Center and Research Institute Inc.	2020399417	LG Electronics Inc.
		2020399633	Empirico Inc.
2020387414	ARRIS Enterprises LLC	2020399805	Senti BioSciences, Inc.
2020387709	Janssen Biotech, Inc.	2020399817	Microport Navibot (Suzhou) Co., Ltd.
2020387906	Sängeorzán, M.	2020399963	Wang, H.
2020387942	NVIDIA Corporation	2020400030	Twist Bioscience Corporation
2020388338	LG Electronics Inc.	2020400045	ARRIS Enterprises LLC
2020388637	Remedium Bio, Inc.	2020400056	President and Fellows of Harvard College
2020388974	Janssen Pharmaceutica NV	2020400165	Redfig Consulting Pty Ltd
2020388978	Janssen Pharmaceutica NV	2020400234	Grand Theravac Life Science (Nanjing) Co., Ltd.
2020389130	Lineage Logistics, LLC	2020400307	Deutsches Krebsforschungszentrum Stiftung des Öffentlichen Rechts
2020389193	Slim Circuits Pty Ltd	2020400347	Nicoventures Trading Limited
2020389304	Clean Planet Inc.	2020400386	Nicoventures Trading Limited
2020390305	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2020400413	Axon Enterprise, Inc.
		2020400764	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.
2020390432	Canva Pty Ltd	2020400801	ABL BIO, Inc.
2020391175	Omeros Corporation	2020401471	Nicoventures Trading Limited
2020391177	Shuster, G.; Shuster, B.	2020401476	Nicoventures Trading Limited
2020391223	Tiger Tool International Incorporated; Andrews, M.	2020401479	Nicoventures Trading Limited
2020391466	Gilead Sciences, Inc.	2020401485	Nicoventures Trading Limited
2020391487	Primmune Therapeutics, Inc.	2020401544	PerkinElmer Health Sciences, Inc.
2020391605	ARRIS Enterprises LLC	2020401565	Rutgers, The State University of New Jersey
2020392150	LG Electronics Inc.	2020401733	Noscendo GmbH
2020392844	Furukawa Electric Co., Ltd.	2020401747	Atlantic Technological University
2020393188	Oro Agri Europe S.A.	2020401956	BCKK Holding Company
2020393364	Merck Patent GmbH; Ryvu Therapeutics S.A.	2020402006	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2020393728	LG Electronics Inc.		
2020393729	LG Electronics Inc.		
2020394260	LG Electronics Inc.		
2020394514	AstraZeneca AB		

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2020402087	Behault Industrial Property Office B.V.; Autonomous Knight BV	2020407121	Metagenics, Inc.
2020402097	Cugene Inc.	2020407137	The Wistar Institute of Anatomy and Biology
2020402106	The United States of America, as represented by the Secretary, Department of Health and Human Services	2020407235	Poseida Therapeutics, Inc.
2020402130	Atlantic Technological University	2020407306	The Provost, Fellows, Scholars and Other Members of Board of Trinity College Dublin
2020402178	Nicoventures Trading Limited	2020407310	Supernova Bio Co., Ltd.
2020402353	Bradken Resources Pty Limited	2020407397	Materialise NV
2020402378	Equinor Energy AS	2020407421	Airbus Defence and Space SAS
2020402573	ActivCell Group AG	2020407512	JPMorgan Chase Bank, N.A.
2020402602	Dongieux, R.	2020407522	Techtronic Cordless GP
2020402630	Niagara Bottling, LLC	2020407563	Microsoft Technology Licensing, LLC
2020402859	Candesant Biomedical, Inc.	2020407582	Bayer CropScience LP
2020402865	JPMorgan Chase Bank, N.A.	2020407666	Karsten Manufacturing Corporation
2020402874	Candesant Biomedical, Inc.	2020407951	Microsoft Technology Licensing, LLC
2020403003	Climate LLC	2020408002	Expro North Sea Limited
2020403007	Washington University	2020408016	Techtronic Cordless GP
2020403145	Genentech, Inc.	2020408029	Cella Therapeutics, LLC
2020403209	Engineer.AI Global Limited	2020408163	Sierra Space Corporation
2020403296	Grand Theravac Life Science (Nanjing) Co., Ltd.	2020408333	Orionis Biosciences, Inc.
2020403469	Lexogen GmbH	2020408342	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
2020403651	Nicoventures Trading Limited	2020408372	AEI Developments Pty Ltd
2020403662	Nicoventures Trading Limited	2020408395	Epizyme, Inc.
2020403679	The University of Tokyo	2020408469	Beijing AI-Robotics Technology Co., Ltd.
2020403850	Blink AG	2020408801	Inventio AG
2020403853	Blink AG	2020408805	Inventio AG
2020403940	Inventio AG	2020409039	De' Longhi Appliances S.r.l. Con Unico Socio
2020404285	EdiGene (Guangzhou) Inc.	2020409040	De' Longhi Appliances S.r.l. Con Unico Socio
2020404293	Beijing Bytedance Network Technology Co., Ltd.	2020409092	The Lubrizol Corporation
2020404453	Hudson Institute of Medical Research	2020409190	Mitsubishi Shipbuilding Co., Ltd.
2020404470	Services Medicaux Georges Sioufi Inc.	2020409196	Hardlock Industry Co., Ltd.
2020404865	L&L Candle Company, LLC	2020409533	Tokamak Energy Ltd
2020404878	Boston Engineering Corporation	2020409539	Sandvik Mining and Construction Oy
2020404918	Orionis Biosciences, Inc.; Orionis Biosciences BV	2020409543	Purac Biochem B.V.
2020404934	Sydnexis, Inc.	2020409573	Saft
2020404956	Orionis Biosciences, Inc.	2020409592	Oberthur Fiduciaire SAS
2020404975	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC	2020409657	Bayer Aktiengesellschaft
2020404977	WestRock Packaging Systems, LLC	2020409711	Genie Biotech UK Ltd.
2020404994	CareFusion 303, Inc.	2020409851	Nuamid SA
2020405036	NGM Biopharmaceuticals, Inc.	2020409875	CASCAT GmbH
2020405068	Stinginn LLC	2020410193	Techtronic Cordless GP
2020405098	Plaid Inc.	2020410194	Nicoventures Trading Limited
2020405149	The Trustees of the University of Pennsylvania	2020410417	Instytut Formy Sp. z o.o.
2020405162	Sheltered Wings, Inc. D/B/A Vortex Optics	2020410966	UPL Corporation Limited; UPL Europe Ltd
2020405182	Novartis AG; Pliant Therapeutics, Inc.	2020411035	Biofidelity Ltd
2020405195	Galvanize Therapeutics, Inc.	2020411045	Nardi S.p.A.
2020405228	Senseye, Inc.	2020412324	Centre d'Etude des Cellules Souches (CECS); Institut National de la Sante et de la Recherche Medicale; Genethon; Universite d'Evry-Val-d'Essonne
2020405237	C4 Therapeutics, Inc.	2020412338	Motorola Solutions, Inc.
2020405601	De' Longhi Appliances S.r.l. Con Unico Socio	2020412358	PayPal, Inc.
2020405641	Thule Sweden AB	2020412418	Axon Enterprise, Inc.
2020405669	Inventio AG	2020412568	Motorola Solutions, Inc.
2020405854	Devrone Unlimited Company	2020412907	Daikin Industries, Ltd.
2020405892	Classys Inc.	2020414327	BASF SE
2020405919	Kaak Groep B.V.	2020414748	Wing Aviation LLC
2020405938	Metso Outotec Finland Oy	2020415040	Mitsubishi Shipbuilding Co., Ltd.
2020406037	Triumph IP Pty Ltd	2020415347	Hill's Pet Nutrition, Inc.
2020406362	Lunella Biotech, Inc.	2020415386	Streamlight, Inc.
2020406363	3M Innovative Properties Company	2020415517	Suntory Holdings Limited
2020406407	Airbus Defence and Space Limited	2020415710	Preston, J.C.
2020406604	Suntory Holdings Limited	2020416718	Singular Genomics Systems, Inc.
2020406622	Metso Outotec Finland Oy	2020416979	Arla Foods amba
2020406671	Stephen, C.; Dimmock, M.	2020417188	Lubrizol Advanced Materials, Inc.
2020406724	Norton (Waterford) Limited	2020417215	Stryker Corporation
2020406754	Kemiwatt	2020417222	Abbott Diagnostics Scarborough, Inc.
2020406866	Techtronic Cordless GP	2020417285	Utopus Insights, Inc.
2020407016	Crinetics Pharmaceuticals, Inc.	2020417304	Latham Pool Products, Inc.
2020407039	Orionis Biosciences, Inc.; Orionis Biosciences BV	2020417722	PayPal, Inc.
2020407071	Nutrition 21, LLC	2020417807	Air Protein, Inc.
2020407072	Cella Therapeutics, LLC	2020417950	ThyssenKrupp Rothe Erde Germany GmbH; ThyssenKrupp AG
2020407085	W.M. Barr & Company, Inc.		
2020407110	Rapid Pathogen Screening, Inc.		

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2020418285	Vivo Mobile Communication Co., Ltd.	2021217948	Pindrop Security, Inc.
2020418565	Somfy Activites SA	2021219044	Johnson Matthey Hydrogen Technologies Limited
2020418915	Stryker Corporation	2021219404	Sony Group Corporation
2020419193	Abbott Diabetes Care Inc.	2021220219	University of Sheffield
2020419367	Shanghai Smartee Denti-Technology Co., Ltd.; Shen, G.; Taikang Bybo Dental Group Co., Ltd.	2021220798	Mars, Incorporated
2020419559	Sekisui House, Ltd.	2021220800	Native Microbials, Inc.
2020419591	Maruho Medical, Inc.	2021221261	Mars, Incorporated
2020420173	Highlife SAS	2021221330	AIREX Co., Ltd.
2020421070	Mitsubishi Electric Corporation	2021223406	Komatsu Ltd.
2020421360	LG Electronics Inc.	2021223594	Worldwide Innovative Network
2020421500	Fast IP, LLC	2021223668	Ostara Nutrient Recovery Technologies Inc.
2020421659	Cytovation AS	2021225128	Sayfa R&D Pty Ltd
2020422153	Siemens Energy Global GmbH & Co. KG	2021226201	Bright Clinical Research Limited
2020423601	EnhancedBio Inc.	2021226754	Amgen Inc.
2020424325	Mitsubishi Electric Corporation	2021227739	International Business Machines Corporation
2020425500	Redlands Ashlyn Motors, PLC	2021228197	Biosearch, S.A.
2020430725	So, C.W.	2021231266	LG Energy Solution, LTD.
2020438629	Microsoft Technology Licensing, LLC	2021258025	Long Bamboo Technology Group Co.,Ltd.
2020460493	ZTE Corporation	2021279424	Caffitaly System S.p.A.
2020471211	Guangdong Midea White Home Appliance Technology Innovation Center Co., Ltd.; GD Midea Heating & Ventilating Equipment Co., Ltd.; Midea Group Co., Ltd.	2021281633	Caffitaly System S.p.A.
2020472899	Oil Lift Technology Inc.	2021286435	BGI Genomics Co., Ltd; BGI Health (HK) Company Limited
2020476356	Sekisui House, Ltd.	2021323387	State Grid Shanghai Municipal Electric Power Company; East China Electric Power Test Research Institute Co., Ltd.; Shanghai University of Electric Power
2020476357	Sekisui House, Ltd.	2021337718	RemeGen Co., Ltd.
2020479533	Paulus, K.	2021342398	Mehta, J.; Mehta, J.
2021204964	Biosearch, S.A.	2021346297	Shandong University
2021205257	DUG Technology (Australia) Pty Ltd.	2021346836	SunCoal Industries GmbH; Koehler Innovation & Technology GmbH
2021205258	Fast IP, LLC	2021349067	Beijing Roborock Technology Co., Ltd.
2021205618	Molecular Plasma Group S.A.	2021380853	Guangdong Feipeng Pharmaceutical Co., Ltd.
2021205914	Fast IP, LLC	2021385097	JGC Corporation
2021205938	Qualcomm Incorporated	2021389792	Tencent Technology (Shenzhen) Company Limited
2021205976	Yale University	2021390060	Shenzhen Core Medical Technology Co., Ltd.
2021206218	CytomX Therapeutics, Inc.	2021390061	Intuit Inc.
2021206355	SBI Biotech Co., Ltd.	2021398578	Shaheen Innovations Holding Limited
2021206571	Saint-Gobain Isover		
2021207470	Aptevo Research and Development LLC		
2021207632	Aptevo Research and Development LLC		
2021208290	Société des Produits Nestlé SA		
2021208412	Tata Steel IJmuiden B.V.		
2021208532	Genmab A/S		
2021208548	Monsanto Technology LLC		
2021208559	Synthekine, Inc.		
2021208631	The United States of America, as Represented by the Secretary, Department of Health and Human Services		
2021208701	Axon Therapies, Inc.		
2021209076	Bristol-Myers Squibb Company; The Scripps Research Institute		
2021209117	The Regents of the University of California		
2021209424	Bracco Imaging S.p.A.		
2021209744	Jacobio Pharmaceuticals Co., Ltd.		
2021209907	Slingshot Biosciences, Inc.		
2021210523	Ineos Technologies Limited		
2021210803	Ridder Drive Systems B.V.		
2021211083	thyssenkrupp Industrial Solutions AG; thyssenkrupp AG		
2021211129	Topgolf Sweden AB		
2021211598	Ridder Drive Systems B.V.		
2021212313	Société des Produits Nestlé S.A.		
2021212316	Abivax; Centre National de La Recherche Scientifique; Universite de Montpellier; Institut Curie		
2021213289	Evotec International GmbH		
2021213313	NGI A/S		
2021213611	Nippon Soda Co., Ltd.		
2021215331	International Business Machines Corporation		
2021215453	Lim, L.		
2021216126	Institute of Genetics and Developmental Biology Chinese Academy of Sciences		
2021216540	Weatherford Technology Holdings, LLC		
2021217149	The Chemours Company FC, LLC		
2021217208	International Business Machines Corporation		
2021217260	Fujikura Ltd.		

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2020403003	2021213611	2020401479	2020399291 2020400347 2020400386 2020401476 2020401479 2020401485 2020402178	2020400413	2020386668 2020419591
<u>A01C 15 /-</u>	<u>A01N 51 /-</u>	<u>A23J 1 /-</u>		<u>A47C 1 /-</u>	<u>A61B 18 /-</u>
2020403003	2020407582	2020416979		2020411045	2020405195 2021208701
<u>A01C 21 /-</u>	<u>A01N 53 /-</u>	<u>A23J 3 /-</u>		<u>A47C 3 /-</u>	
2020403003	2020407582	2020407039 2020416979	<u>A24B 15 /-</u>	2020411045	<u>A61B 3 /-</u>
<u>A01F 15 /-</u>	<u>A01N 59 /-</u>	<u>A23K 10 /-</u>	2020399291 2020400386 2020401476 2020401479 2020402178	<u>A47C 7 /-</u>	2020405228
2020425500	2020401747 2020402130 2021213611	2021220798 2021220800 2021221261		2020404470	<u>A61B 34 /-</u>
<u>A01G 25 /-</u>	<u>A01N 63 /-</u>	<u>A23K 20 /-</u>	<u>A24B 3 /-</u>	<u>A47G 19 /-</u>	2020399817 2020407397
2020408372	2020414327	2020415347	2020401485	2020409039 2020409040	<u>A61B 5 /-</u>
<u>A01H 1 /-</u>	<u>A01P 1 /-</u>	<u>A23K 40 /-</u>	<u>A24D 1 /-</u>	<u>A47J 27 /-</u>	2019478702 2020397171 2020406724 2020419193
2021216126	2020401747 2020402130	2021220798 2021221261	2020410194	2020409039 2020409040	
<u>A01H 5 /-</u>	<u>A01P 17 /-</u>	<u>A23K 50 /-</u>	<u>A24D 3 /-</u>	<u>A47J 31 /-</u>	<u>A61B 8 /-</u>
2021216126	2020410966	2020415347 2021220798 2021220800 2021221261	2020410194	2021279424 2021281633	2021226201
<u>A01H 6 /-</u>	<u>A01P 21 /-</u>		<u>A24F 23 /-</u>	<u>A47J 37 /-</u>	<u>A61B 90 /-</u>
2021216126	2021213611		2020400386 2020401485	2020409039 2020409040	2020407397
<u>A01K 15 /-</u>	<u>A01P 3 /-</u>	<u>A23L 19 /-</u>	<u>A24F 40 /-</u>	<u>A47L 11 /-</u>	<u>A61C 7 /-</u>
2020396099 2021221261	2020402130 2021213611	2020409543	2020410194 2021398578	2020406866 2020407522 2020408016 2020410193 2021349067	2020419367
<u>A01K 27 /-</u>	<u>A01P 7 /-</u>	<u>A23L 2 /-</u>	<u>A24F 42 /-</u>	<u>A47L 13 /-</u>	<u>A61F 2 /-</u>
2020396099	2020407582 2020414327	2020409543 2020416979	2020391177	2020406866 2020407522 2020408016 2020410193 2021349067	2020406037 2020420173
<u>A01N 25 /-</u>	<u>A21C 11 /-</u>	<u>A23L 21 /-</u>	<u>A24F 47 /-</u>	<u>A47L 13 /-</u>	<u>A61F 7 /-</u>
2020393188 2020407582 2020410966 2021208548	2020398975	2020409543	2020391177	2020406866	2020402874
<u>A01N 27 /-</u>	<u>A21C 13 /-</u>	<u>A23L 27 /-</u>	<u>A41F 1 /-</u>	<u>A47L 5 /-</u>	<u>A61G 5 /-</u>
2020410966	2020405919	2020400386 2020401485	2020400413	2020399417	2020404470 2020417215
<u>A01N 37 /-</u>	<u>A22B 5 /-</u>	<u>A23L 29 /-</u>	<u>A43B 1 /-</u>	<u>A47L 7 /-</u>	<u>A61G 7 /-</u>
2020402130 2020414327 2021208548	2020405854	2020398975	2021205258	2020406866 2020407522 2020408016	2020418915
<u>A01N 39 /-</u>	<u>A22C 17 /-</u>	<u>A23L 33 /-</u>	2021205914	<u>A47L 9 /-</u>	2020408469
2020405068 2020407582 2020409657 2020414327 2021208548	2020405854	2020401485 2020406604 2020407121 2020415517 2020416979 2020417807		2020399417 2020408016 2020410193 2020421360	<u>A61K 31 /-</u>
<u>A01N 43 /-</u>	<u>A23B 7 /-</u>	<u>A23P 20 /-</u>	<u>A43B 23 /-</u>	<u>A61B 1 /-</u>	2019478778 2019479051 2019479120 2019479291 2020386967 2020388974 2020390305 2020391466 2020393364 2020395741
2020405068 2020407582 2020409657 2020414327 2021208548	2020409543	2020400386 2020401485	2021205258	2021225128	
	<u>A23C 11 /-</u>		<u>A43B 3 /-</u>	<u>A61B 10 /-</u>	
	2021212313		2020421500 2021205914		
	<u>A23G 3 /-</u>		<u>A44B 11 /-</u>		
	2020401479		2020400413	2020398076	

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2020396554	<u>A61K 39 /-</u>	<u>A61K 51 /-</u>	<u>A61N 5 /-</u>	<u>A61P 31 /-</u>	<u>A62B 35 /-</u>
2020397956	2020386169	2020386169	2021215453	2020390305	2021225128
2020399047	2020387407			2020391466	
2020399281	2020387709	<u>A61K 8 /-</u>	<u>A61N 7 /-</u>	2020402097	<u>A62C 2 /-</u>
2020399633	2020391175	2020406604	2020405892	2020402106	
2020401471	2020395175	2020407310		2020402130	2021231266
2020401565	2020396054		<u>A61P 1 /-</u>	2020408342	
2020402006	2020400030	<u>A61K 9 /-</u>	2019479291	2021212316	<u>A62C 3 /-</u>
2020402130	2020400234	2020391466	2020397064	2021213289	
2020402178	2020400801	2020398177	2020405182		2021231266
2020403651	2020402006	2020399281	2021213289	<u>A61P 33 /-</u>	
2020403662	2020402106	2020401471		2020403296	<u>A62C 31 /-</u>
2020404934	2020403145	2020403651	<u>A61P 11 /-</u>		2021231266
2020404956	2020403296	2020403662	2021213289	<u>A61P 35 /-</u>	
2020405182	2020404453	2020407072		2020386169	<u>A62C 37 /-</u>
2020405237	2020407137	2020407310		2020386967	2021231266
2020406362	2020407235	2020407310	<u>A61P 13 /-</u>	2020387709	
2020406604	2020407306	2020408342	2020407121	2020388974	<u>A63B 55 /-</u>
2020407016	2021207470	2020421659	<u>A61P 17 /-</u>	2020393364	2020407666
2020407071	2021207632	2020423601	2020396109	2020395175	
2020407072	2021208532	2021207632	2020399263	2020395741	
2020407121	2021209117	<u>A61L 24 /-</u>		2020397063	<u>A63B 69 /-</u>
2020408029	2021337718	2020406037	<u>A61P 19 /-</u>	2020400801	2021215453
2020408342			2020397063	2020402006	
2020408395	<u>A61K 41 /-</u>	<u>A61L 27 /-</u>	2020406604	2020403145	<u>A63B 71 /-</u>
2020409851	2020403007	2020406037	2021213289	2020403296	2021215453
2020412324		<u>A61M 1 /-</u>		2020404453	
2020423601	<u>A61K 45 /-</u>	2020386500	<u>A61P 21 /-</u>	2020406362	<u>A63F 13 /-</u>
2021204964	2020391466	<u>A61M 11 /-</u>	2021213289	2020408333	2021389792
2021206355	2020402097	2020391177	<u>A61P 25 /-</u>	2020408395	
2021209744	2020404956	<u>A61M 15 /-</u>	2020399047	2021207470	<u>B01D 25 /-</u>
2021212316	2020408342	2020406724	2020407071	2021208532	2020405938
2021213289	2020412324	<u>A61M 16 /-</u>	2020407072	2021209117	2020406622
2021228197	2021213289	2019478910	2020409851	2021209744	
		2020391177	2021204964	2021212316	<u>B01D 35 /-</u>
<u>A61K 33 /-</u>		<u>A61M 21 /-</u>	2021213289	2021213289	2021219404
2019479051	<u>A61K 47 /-</u>	<u>A61M 21 /-</u>		2021337718	<u>B01D 46 /-</u>
2019479120	2020386169	<u>A61M 3 /-</u>	<u>A61P 27 /-</u>		2021219404
2019479291	2020391466	2020391177	2019478778	<u>A61P 37 /-</u>	<u>B01D 53 /-</u>
2020401747	2020397063	2020406724	2020407072	2020391175	2020401956
2020402130	2020397064	<u>A61M 16 /-</u>	2020409851	2020395741	
2020407310	2020399281	2019478910	2021204964	2021206355	<u>B01D 46 /-</u>
	2020402006	2020391177	2021213289		2021219404
<u>A61K 35 /-</u>	2020402178	<u>A61M 21 /-</u>		<u>A61P 43 /-</u>	<u>B01D 53 /-</u>
2020387407	2020404934	2020391177	2019478778	2020406604	2020401956
2020403679	2020405036	<u>A61M 3 /-</u>	2020407072	2021213289	
2020405149	2020406037	2020386500	2020408029		<u>B01J 19 /-</u>
2021208559	2020408333	<u>A61M 5 /-</u>	2021208631	<u>A61P 5 /-</u>	<u>B01D 46 /-</u>
	2020409711	2020404994	2021213289	2020407016	2020417222
<u>A61K 36 /-</u>	2020421659	2021226754			<u>B01D 53 /-</u>
2020399281	2020423601	<u>A61M 5 /-</u>	<u>A61P 29 /-</u>	2020396054	2020417222
2020402178	2021206218	2020404994	2020395741		
2020407121	2021337718	2021226754	2020399047	<u>A61P 7 /-</u>	<u>B01L 3 /-</u>
2021204964		<u>A61M 60 /-</u>	2020415517	2020396054	2020417222
2021228197	<u>A61K 48 /-</u>	2021390060	2021212316		
	2020397956	<u>A61N 1 /-</u>	<u>A61P 3 /-</u>	<u>A61P 9 /-</u>	<u>B02C 17 /-</u>
<u>A61K 38 /-</u>	2020399805	2020402573	2019479051	2020399047	2020402353
2020387407	2020403679	2020402859	2019479120	2021213289	<u>B02C 21 /-</u>
2020391487	2020423601	2020479533	2019479291	2021228197	2020402353
2020396109	2021208559	2021208701	2020403679	<u>A61Q 19 /-</u>	
2020399263	2021208631		2020407016	2020406604	<u>B05B 1 /-</u>
2020403679			2020407310	2020407310	2020407085
2020407072	<u>A61K 49 /-</u>		2020415347		
2020408029	2020398360		2021213289	<u>A62B 1 /-</u>	
2020415517	2021209424			2021225128	
2021208559					
2021220219					

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2020404975	2019479491	2020385657	2020402630	2020430725	2020393364
<u>B05B 7 /-</u>	<u>B29D 24 /-</u>	<u>B60B 33 /-</u>	<u>B65D 47 /-</u>	<u>C04B 18 /-</u>	<u>C07D 401 /-</u>
2020407085	2019479491	2020418915	2020386674	2020430725	2020390305 2020405237 2020407016 2021209744
<u>B05D 1 /-</u>	<u>B29D 30 /-</u>	<u>B60C 1 /-</u>	<u>B65D 5 /-</u>	<u>C04B 28 /-</u>	<u>C07D 403 /-</u>
2021205618	2020407666	2021346836	2020404977 2021226754	2020406671 2020430725	2020395741 2021209744
<u>B05D 3 /-</u>	<u>B29D 99 /-</u>	<u>B60C 7 /-</u>	<u>B65D 65 /-</u>	<u>C04B 7 /-</u>	<u>C07D 405 /-</u>
2021205618	2019479491	2019478722 2019479101	2020400347	2020386084	2020408395
<u>B21D 26 /-</u>	<u>B29L 16 /-</u>	<u>B60R 9 /-</u>	<u>B65D 71 /-</u>	<u>C05D 1 /-</u>	<u>C07D 409 /-</u>
2020410417	2020409039	2020405641	2020404977	2021223668	2020409657
<u>B21D 43 /-</u>	<u>B29L 31 /-</u>	<u>B61G 9 /-</u>	<u>B65D 75 /-</u>	<u>C05D 11 /-</u>	<u>C07D 413 /-</u>
2020406622	2020409039 2020409040	2020397850	2020400347 2021208290	2021223668	2020399047 2021213289
<u>B21D 47 /-</u>	<u>B32B 15 /-</u>	<u>B62D 37 /-</u>	<u>B65D 85 /-</u>	<u>C05D 9 /-</u>	<u>C07D 417 /-</u>
2020410417	2020396088	2020385657	2021279424 2021281633	2021223668	2020405237 2021209744
<u>B25B 1 /-</u>	<u>B32B 18 /-</u>	<u>B62D 57 /-</u>	<u>B65D 90 /-</u>	<u>C05G 1 /-</u>	<u>C07D 471 /-</u>
2020399963	2020408163	2020385657 2020408469	2020415040	2021223668	2019478778 2020386967 2020406362
<u>B25B 5 /-</u>	<u>B32B 27 /-</u>	<u>B62D 61 /-</u>	<u>B66B 11 /-</u>	<u>C05G 3 /-</u>	<u>C07D 487 /-</u>
2020399963	2020396088	2020385657	2020403940 2020405669	2021223668	2020395741
<u>B25J 11 /-</u>	<u>B32B 3 /-</u>	<u>B62D 63 /-</u>	<u>B66B 13 /-</u>	<u>C07C 17 /-</u>	<u>C07D 491 /-</u>
2020385657	2019479491 2020400347 2020408163	2020385657	2020405669	2021217149	2020395136
<u>B25J 19 /-</u>	<u>B32B 5 /-</u>	<u>B63B 21 /-</u>	<u>B66C 23 /-</u>	<u>C07C 21 /-</u>	<u>C07D 498 /-</u>
2020385657	2020396088 2020400347	2020406671	2021225128	2021217149	2020395136 2020399047
<u>B27J 1 /-</u>	<u>B32B 7 /-</u>	<u>B63B 22 /-</u>	<u>B66D 3 /-</u>	<u>C07C 323 /-</u>	<u>C07D 515 /-</u>
2021258025	2020400347 2020408163	2020404878 2020406671	2021225128	2020401565	2020388974
<u>B28B 1 /-</u>	<u>B32B 9 /-</u>	<u>B63B 25 /-</u>	<u>B67D 1 /-</u>	<u>C07D 215 /-</u>	<u>C07D 519 /-</u>
2020406671 2020430725	2020400347 2020408163	2020409190 2020415040	2020386516	2021212316	2020404285
<u>B29B 7 /-</u>	<u>B42D 25 /-</u>	<u>B64C 29 /-</u>	<u>B67D 7 /-</u>	<u>C07D 231 /-</u>	<u>C07F 15 /-</u>
2020398975	2020408163	2020414748	2020398240	2019478778 2020409657	2021209424
<u>B29C 33 /-</u>	<u>B60B 1 /-</u>	<u>B64C 39 /-</u>	<u>B82Y 10 /-</u>	<u>C07D 249 /-</u>	<u>C07F 9 /-</u>
2020409039	2020385657 2020407666	2020403003	2021215331	2020405068	2020399047 2021209076
<u>B29C 45 /-</u>	<u>B60B 15 /-</u>	<u>B64D 1 /-</u>	<u>B82Y 5 /-</u>	<u>C07D 263 /-</u>	<u>C07H 1 /-</u>
2020405601 2020409039 2020409040	2020385657	2020403003	2020386169	2020399047	2020399047
<u>B29C 48 /-</u>	<u>B60B 19 /-</u>	<u>B64D 27 /-</u>	<u>C01B 3 /-</u>	<u>C07D 265 /-</u>	
2021220798 2021221261	2020385657	2020414748	2020389304	2020399047	
<u>B29C 53 /-</u>		<u>B64G 1 /-</u>	<u>C03C 25 /-</u>		
2019479491	2020385657	2020407421 2020408163	2021206571	2020399047	

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<u>C07H 13/-</u>	<u>C08K 3/-</u>	<u>C10L 1/-</u>	<u>C12N 9/-</u>	<u>D04H 3/-</u>	<u>E04G 5/-</u>
2020399047	2020409592	2020409092	2020409875	2020400386	2021225128
	2020417188		2021205976		
<u>C07H 21/-</u>		<u>C10L 10/-</u>	2021216126	<u>E01D 19/-</u>	<u>E04H 1/-</u>
	<u>C08K 9/-</u>		2021220219		
2020409851		2020409092		2019479491	2020415710
	2020409592		<u>C12P 1/-</u>	<u>E02B 17/-</u>	<u>E04H 3/-</u>
<u>C07K 14/-</u>	<u>C08L 21/-</u>	<u>C10M 147/-</u>	2020398231	2020386992	2020415710
2020387709		2020412907			
2020388637	2021346836		<u>C12P 19/-</u>	<u>E02F 9/-</u>	<u>E05F 15/-</u>
2020395175		<u>C10M 159/-</u>			
2020397956	<u>C08L 23/-</u>		2020405149	2021223406	2021210803
2020398658		2020412907	2020409875		2021211598
2020402106	2021346836			<u>E03B 1/-</u>	
2020403145	<u>C08L 27/-</u>	<u>C10M 171/-</u>			<u>E06B 9/-</u>
2020407235			<u>C12P 21/-</u>	2020386516	
2021208631	2020417188	2020412907	2020396647		2020418565
2021216126		<u>C10N 30/-</u>		<u>E03B 11/-</u>	
<u>C07K 16/-</u>	<u>C08L 3/-</u>		<u>C12Q 1/-</u>		<u>E21B 19/-</u>
		2020412907		2020386516	
2020387709	2020398975		2020388978		2021216540
2020391175		<u>C10N 40/-</u>	2020394514	<u>E04B 1/-</u>	
2020395175	<u>C08L 83/-</u>		2020400056		<u>E21B 23/-</u>
2020396054		2020412907	2020400307	2020398539	
2020400030	2020406363		2020403850	2020415710	2020396057
2020400801		<u>C12M 1/-</u>	2020404918	2020419559	
2020403145	<u>C08L 89/-</u>		2020407110	2020476356	<u>E21B 33/-</u>
2020404453		2020398231	2020411035	2020476357	
2020405036	2020406037		2020416718		2020408002
2020407235	<u>C08L 97/-</u>	<u>C12N 1/-</u>	2020417222	<u>E04B 2/-</u>	2020472899
2021206218			2021223594		
2021207470	2021346836	2020398231		2020398539	<u>E21B 34/-</u>
2021207632		2020404918	<u>C21B 13/-</u>		
2021208532	<u>C09B 67/-</u>	2020417807		<u>E04C 2/-</u>	2020408002
2021209117		<u>C12N 13/-</u>	2021208412		<u>E21B 37/-</u>
2021337718	2020398360			2019479491	
2021380853	<u>C09D 133/-</u>	2020407110	<u>C21B 5/-</u>	2020398539	2020396057
<u>C07K 19/-</u>		<u>C12N 15/-</u>		<u>E04C 3/-</u>	<u>E21B 43/-</u>
	2020409592		<u>C21C 5/-</u>		
2020395175		2019474716		2020410417	2021342398
2020396647	<u>C09D 163/-</u>	2020388637	2021208412	<u>E04D 13/-</u>	
2020402097		2020396647			<u>E21B 49/-</u>
2020404918	2020409592	2020397956	<u>C22B 1/-</u>	2020382452	
<u>C07K 5/-</u>		2020399633			2020404878
	<u>C09D 5/-</u>	2020399805	2021211083	<u>E04F 10/-</u>	<u>E21C 41/-</u>
2021206218		2020400030			
	2020409592	2020400056	<u>C22B 26/-</u>	2020418565	2020409539
<u>C07K 7/-</u>	<u>C09D 7/-</u>	2020403679			
		2020403850	2021211083	<u>E04G 11/-</u>	<u>E21D 15/-</u>
2020396109	2020409592	2020404918			
		2020405149	<u>C25B 1/-</u>	2020415710	2020410417
<u>C08B 30/-</u>	<u>C09J 5/-</u>	2020416718			<u>E21F 13/-</u>
		2020417222	2021210523	<u>E04G 21/-</u>	
2020398975	2021205618	2021206355			2020409539
	<u>C09K 11/-</u>	2021208631	<u>C25B 11/-</u>	2021225128	
<u>C08G 77/-</u>		2021216126			<u>F03D 13/-</u>
	2020398360	2021220219	<u>C25B 9/-</u>	2021225128	
2020406363		<u>C12N 5/-</u>			2020406671
	<u>C09K 3/-</u>		2021210523	<u>E04G 25/-</u>	<u>F03D 15/-</u>
<u>C08J 3/-</u>		2020388637			
	2020412907	2020403679	<u>C40B 30/-</u>	2020410417	2020406671
2020398975		2020404285		<u>E04G 3/-</u>	
2020406037	<u>C09K 5/-</u>	2020404918	2020400030		<u>F03D 17/-</u>
2020406363				2020415710	
<u>C08J 5/-</u>	2020389304	<u>C12N 7/-</u>	<u>D04H 1/-</u>	2021225128	2020417285
	2020412907				
2020417188	2021217149	2020398658	2020399291		
			2020400386		

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2020402378 2020417285	2020404865	2020389304	<u>G01S 13 /-</u>		2020404293 2020417304
	<u>F21V 1 /-</u>	<u>F41G 1 /-</u>	2020402087 2021211129	<u>G06F 40 /-</u>	
<u>F03D 9 /-</u>	2020404865	2020415386	<u>G01S 15 /-</u>	2020386055 2020390432	<u>G07C 9 /-</u>
2020402378 2020406671	<u>F21V 15 /-</u>	<u>F41G 11 /-</u>	2020399169	<u>G06F 8 /-</u>	2020408801 2020408805
<u>F03G 1 /-</u>	2020404865	2020399205 2020405162 2020415386	<u>G01S 17 /-</u>	2020390432 2020403209	<u>G08B 13 /-</u>
2020387906	<u>F21V 21 /-</u>		2020396050 2020402087	<u>G06K 17 /-</u>	2020385850
<u>F03G 3 /-</u>	2020404865	<u>G01B 7 /-</u>	<u>G01S 5 /-</u>	2020386318	<u>G08B 25 /-</u>
2020406671	<u>F21V 23 /-</u>	2020402353	2019481371	<u>G06K 7 /-</u>	2020412418
<u>F04B 49 /-</u>	2020404865	<u>G01D 11 /-</u>	<u>G01V 1 /-</u>	2020386318	<u>G09B 23 /-</u>
2020424325	<u>F21V 33 /-</u>	2020417950	2021205257	<u>G06K 9 /-</u>	2020389193
<u>F04C 2 /-</u>	2020404865	<u>G01D 18 /-</u>	<u>G01W 1 /-</u>	2019475002 2020387942	<u>G09B 5 /-</u>
2020386500	<u>F21W 121 /-</u>	2020417285	2019478702	<u>G06N 10 /-</u>	2020386318
<u>F16B 33 /-</u>	2020404865	<u>G01D 21 /-</u>	<u>G02B 6 /-</u>	2020407563 2021215331	<u>G09G 5 /-</u>
2020396023	<u>F24F 1 /-</u>	2019478702	2021217260	<u>G06N 20 /-</u>	2020385740 2020398240 2020412358
<u>F16B 39 /-</u>	2020471211	<u>G01D 5 /-</u>	<u>G03B 17 /-</u>	2020417285	<u>G10K 11 /-</u>
2020396023 2020409196	<u>F24F 11 /-</u>	2020399169 2020417950 2021210803	2020400413	<u>G06N 3 /-</u>	2020396099
<u>F16B 7 /-</u>	<u>F24F 13 /-</u>	<u>G01F 15 /-</u>	<u>G05B 13 /-</u>	2020417285	<u>G10L 15 /-</u>
2020396023	2020471211	2020398240	<u>G05B 19 /-</u>	<u>G06N 5 /-</u>	2020385740 2020412568 2021217948
<u>F16C 11 /-</u>	<u>F24F 7 /-</u>	<u>G01F 23 /-</u>	2020408372 2021210803 2021211598	2020403003 2020417285	<u>G10L 17 /-</u>
2020399963	2021219404	2019475492	<u>G05D 1 /-</u>	<u>G06Q 10 /-</u>	2020412568 2021217948
<u>F16C 17 /-</u>	<u>F25B 1 /-</u>	<u>G01H 1 /-</u>	<u>G05D 1 /-</u>	2020385740 2020389130 2020396797 2020398164 2021390061	<u>G11B 27 /-</u>
2021213313	2020412907 2020424325	2020402353	2020409539	<u>G06Q 30 /-</u>	2020385717
<u>F16C 23 /-</u>	<u>F25B 49 /-</u>	<u>G01K 1 /-</u>	<u>G06F 11 /-</u>	2019481371 2020412338 2020417304 2020417722	<u>G11C 7 /-</u>
2021213313	2020412907 2020424325	2019478702	2021227739	<u>G06Q 50 /-</u>	2019481371
<u>F16C 33 /-</u>	<u>F25D 11 /-</u>	<u>G01N 21 /-</u>	<u>G06F 12 /-</u>	2020396797 2020398240 2020412338 2021221330	<u>G16B 20 /-</u>
2021213313	2020384836	2021209907 2021346297	2020407951	<u>G06F 16 /-</u>	2021286435
<u>F16C 35 /-</u>	<u>F25D 17 /-</u>	<u>G01N 33 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 50 /-</u>	<u>G16B 30 /-</u>
2021213313	2020384836	2020383878 2020398360 2020403850 2020403853 2020404453	2020390432 2020396797 2020402602 2020412338	2020396797 2020398240 2020412338 2021221330	2020403469
<u>F16L 59 /-</u>	<u>F25D 21 /-</u>	<u>G01N 35 /-</u>	<u>G06F 21 /-</u>	<u>G06T 15 /-</u>	<u>G16H 20 /-</u>
2020396088	2020384836	2020398164	2020395154 2020402602 2020405098 2021217948	2019477545	2020404994 2020406724
<u>F16L 9 /-</u>	2020384836	<u>G01R 31 /-</u>	<u>G06F 3 /-</u>	<u>G06T 19 /-</u>	<u>G16H 40 /-</u>
2020417188	<u>F25D 25 /-</u>	2020409573	2019481371 2020385740	2019477545 2020417304	2020404994
<u>F17C 5 /-</u>	2020384836 2020400764	<u>G01S 1 /-</u>			<u>G16H 50 /-</u>
2020415040	<u>F25J 1 /-</u>	2020396099			2020406724
<u>F17C 9 /-</u>	2021385097				
2020409190					

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<u>G21B 1 /-</u>	2021323387	<u>H04M 3 /-</u>
2020409533	<u>H02J 7 /-</u>	2020385740
<u>H01F 27 /-</u>	2020399417	<u>H04N 19 /-</u>
2020409533	<u>H02K 7 /-</u>	2020386767
<u>H01F 6 /-</u>	2020406671	2020387317
2020409533	<u>H02M 3 /-</u>	2020388338
<u>H01L 27 /-</u>	2020391223	2020392150
2020422153	<u>H02P 6 /-</u>	2020393728
2021215331	2021210803	2020393729
2021217208	2021211598	2020394260
<u>H01L 39 /-</u>	<u>H02P 9 /-</u>	2021205938
2020438629	2020397366	<u>H04N 21 /-</u>
2021215331	<u>H02S 20 /-</u>	2019481371
<u>H01L 51 /-</u>	2020382452	2020385717
2020422153	<u>H02S 40 /-</u>	2021205938
<u>H01M 10 /-</u>	2020382452	<u>H04N 5 /-</u>
2020396088	<u>H02S 50 /-</u>	2020401544
2021231266	2020382452	<u>H04N 7 /-</u>
<u>H01M 4 /-</u>	2020382452	2020385740
2021219044	2020422153	2020391605
<u>H01M 50 /-</u>	<u>H03M 7 /-</u>	2021223406
2021231266	2020386055	<u>H04Q 11 /-</u>
<u>H01M 8 /-</u>	<u>H04B 17 /-</u>	2020387414
2020406754	2020397031	<u>H04Q 9 /-</u>
<u>H01Q 1 /-</u>	<u>H04J 3 /-</u>	2020385850
2020406407	2020400045	2020418565
<u>H01Q 15 /-</u>	<u>H04L 12 /-</u>	2021223406
2020406407	2020387414	<u>H04W 12 /-</u>
<u>H01Q 19 /-</u>	2020391605	2020402865
2020385850	2020400045	2020405098
2020406407	2020402087	2020408801
<u>H01Q 21 /-</u>	<u>H04L 43 /-</u>	<u>H04W 24 /-</u>
2020406407	2020400165	2019475299
<u>H01Q 3 /-</u>	<u>H04L 5 /-</u>	2020392844
2020406407	2020460493	<u>H04W 4 /-</u>
<u>H02J 13 /-</u>	<u>H04L 9 /-</u>	2020396099
2020408372	2020395154	2020412338
<u>H02J 15 /-</u>	2020401733	2020412418
2020406671	2020405098	2020418285
<u>H02J 3 /-</u>	2020407512	<u>H04W 72 /-</u>
2020408372	<u>H04M 11 /-</u>	2020385200
	2020408801	2020397031
		<u>H04W 84 /-</u>
		2020392844
		<u>H05H 1 /-</u>
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G06N 20/20 (2019.01)
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A21B 3/13 (2006.01)
A21C 3/00 (2006.01)
A21C 9/06 (2006.01)
A21D 6/00 (2006.01)
A21D 8/02 (2006.01)
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A21D 13/40 (2017.01)
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A61B 18/24 (2006.01)
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A23L 23/00 (2016.01)
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C07D 271/10 (2006.01)
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B29C 64/118 (2017.01)
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B33Y 10/00 (2015.01)
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C12N 15/76 (2006.01)
A61K 48/00 (2006.01)
C07D 307/33 (2006.01)
C07K 14/035 (2006.01)
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A23C 11/10 (2006.01)
A23D 7/00 (2006.01)
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G06F 21/62 (2013.01)
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H04N 19/10 (2014.01)
G06T 15/00 (2011.01)
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H04L 5/00 (2006.01)
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2015355142	BP Corporation North America Inc.	2017230931	HKD Solutions Ltd
2015415308	Proter S.A.; EWTech Investigación, Desarrollo e Innovación SPA	2017231697	Ursapharm Arzneimittel GmbH
2016200742	Vibrafloor SAS	2017233889	Boehringer Ingelheim International GmbH
2016204390	Freightquip Pty Ltd	2017235215	Caterpillar Inc.
2016231473	PETROLEO BRASILEIRO S.A. - PETROBRAS	2017237256	Lander, K.
2016243498	Regeneron Pharmaceuticals, Inc.	2017238445	AIT Austrian Institute of Technology GmbH
2016253964	Abvitro LLC	2017239603	Icon Vehicle Dynamics LLC
2016259357	Azuma Design Pty Limited	2017247004	CSL Limited
2016269490	Manitou Italia S.r.l.	2017249373	Festool GmbH
2016276436	University of Washington; University Of California	2017249412	Warp Drive Bio, Inc.
2016277606	stodulka, a.	2017250610	Selle Royal S.p.A.
2016277731	Apergy Artificial Lift Pty. Ltd	2017252310	BackBeat Medical, LLC
2016295396	Breville USA, Inc.	2017254689	Illumina, Inc.
2016296069	Ares Trading S.A.	2017259105	Monash University
2016303622	Regents of The University of Minnesota; The University of North Carolina at Chapel Hill; Albert-Ludwigs-Universitaet Freiburg; St. Jude Children's Research Hospital, Inc.; Blazar, B.; Koehn, B.; Murray, P.; Ting, J.; Zeiser, R.; Miller, J.	2017260453	Acutus Medical, Inc.
2016319189	INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Montpellier; Centre Hospitalier Universitaire de Montpellier	2017261563	Johnson & Johnson Vision Care, Inc.
2016326734	AbVitro LLC	2017264552	Yara Marine Technologies AS
2016337175	Eca En	2017266684	VRV Srl
2016338907	President and Fellows of Harvard College	2017274362	Genan Holding A/S
2016338966	Naturex (Société Anonyme); Université D'Avignon et des pays de Vaucluse (Etablissement Public)	2017276496	GEA Process Engineering A/S
2016341982	Indiana University Research and Technology Corporation	2017278058	Gagnon Family Trust
2016349383	Spraying Systems Co.	2017280093	D-Block Coating Pty Ltd
2016349625	Ionis Pharmaceuticals, Inc.	2017280237	AMO Development, LLC
2016352978	Cornell University	2017280347	Schneider Electric Systems USA, Inc.
2016359793	Société des Produits Nestlé S.A.	2017281012	Butterfly Network, Inc.
2016367640	Golan, E.	2017281505	Yara Marine Technologies AS
2016369312	Commissariat a l'Energie Atomique et aux Energies Alternatives; FlowerSEP	2017285723	Rowe, G.
2016370774	Metso Minerals Industries, Inc.	2017286802	Myron L Company
2016372389	Koninklijke Douwe Egberts B.V.	2017287530	Hoya Lens Thailand Ltd.
2016374457	Symrise AG	2017290411	Gustav Klauke GmbH
2016374489	Scramcard Holdings (Hong Kong)Limited	2017294920	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.
2016377256	Navman Wireless New Zealand	2017295317	Fastbrick IP Pty Ltd
2016377361	Nuvox Pharma LLC; Unger, E.	2017295863	Syros Pharmaceuticals, Inc.
2016379392	Thermatoool Corp.	2017298104	Baker Hughes ESP, Inc.
2016384311	ManUp Key Limited	2017301077	Pharmako Biotechnologies Pty Limited
2016386092	Caterpillar Inc.	2017301098	Hwang, H.
2016403410	Visa International Service Association	2017302126	United Kingdom Research and Innovation
2016425227	Wu, Q.	2017302361	The Board of Trustees of the Leland Stanford Junior University
2016427268	Opportunity / Discovery LLC	2017302509	Ovala, Inc.
2016428908	Halliburton Energy Services, Inc.	2017313924	PPC Broadband, Inc.
2016429499	Prysmian S.p.A.	2017317484	BASF SE
2016432005	Sumitomo Electric Industries, Ltd.	2017320876	Schanbacher, C.
2017203248	Kuhn S.A.	2017321883	The USA, as represented by The Secretary, Dept. of Health and Human Services
2017204029	Conduent Business Services, LLC	2017326449	Medtronic, Inc.
2017206513	QUOOKER INTERNATIONAL B.V.	2017329108	BOTANICAL WATER TECHNOLOGIES IP LTD
2017207985	Axine Water Technologies Inc.	2017331242	Mercator MedSystems, Inc.
2017211703	CHEP Technology Pty Limited	2017332262	Cytrellis Biosystems, Inc.
2017212224	Ultupharma AB	2017338621	Brown & Watson International Pty Ltd
2017215878	Hosokawa Yoko Co., Ltd.	2017339698	Qualcomm Incorporated
2017216442	TNA Australia Pty Limited	2017341062	SPDI Holdings, Inc.
2017218430	Becton, Dickinson and Company	2017342062	European Molecular Biology Laboratory
2017220662	Luxembourg Institute of Science and Technology (LIST)	2017345490	Amgen Inc.
2017221521	Cour Pharmaceuticals Development Company, Inc.	2017350807	Regeneron Pharmaceuticals, Inc.
2017221545	Daifuku Co., Ltd.	2017354910	MBDA UK Limited
2017224865	Teknologian tutkimuskeskus VTT Oy	2017355522	Rose Acre Farms, Inc.
2017225068	LynJohnston LLC	2017361931	Crossject
2017225956	Tiger Tool International Incorporated	2017365075	Ocado Innovation Limited
2017226420	Jiangsu Hengrui Medicine Co., Ltd.	2017365223	Sensoryx AG
		2017371707	The Australian National University
		2017376826	The University of Adelaide
		2017377656	QSIC Pty Ltd
		2017382161	Hedera Hashgraph, LLC
		2017386952	Ethicon, Inc.
		2017391825	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.

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2017407953	Halliburton Energy Services, Inc.	2019302732	Gilead Sciences, Inc.
2017409368	Huawei Technologies Co., Ltd.	2019303248	Thule Sweden AB
2017411422	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2019303954	Shell Internationale Research Maatschappij B.V.
2017412432	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019318672	ZTE Corporation
2018212329	Clean Air Enterprise AG	2019319901	Life Technologies Corporation
2018212575	Flagship Pioneering Innovations V, Inc.	2019325151	Citrix Systems, Inc.
2018225662	Mars, Incorporated	2019327636	Knorr-Bremse Systeme für Nutzfahrzeuge GmbH
2018231071	Ecolab USA Inc.	2019332038	Renk GmbH
2018239194	Glue AB	2019335262	Haier Smart Home Co., Ltd.
2018243929	National Oilwell DHT, L.P.	2019337475	Medacta International SA
2018246265	Merck Patent GmbH	2019338180	Apple Inc.
2018246341	Perenna Pharmaceuticals, Inc.	2019342761	JELD-WEN, Inc.
2018249453	NovoBiotic Pharmaceuticals, LLC	2019344407	Huawei Technologies Co., Ltd.
2018258348	Amicus Therapeutics, Inc.	2019344461	Tableau Software, Inc.
2018258687	Seagen Inc.	2019344532	Toyota Motor North America, Inc.
2018261100	Gomaco Corporation	2019346376	Apple Inc.
2018269924	Biogen MA Inc.	2019350496	ATI Properties LLC
2018269964	Cognition Therapeutics, Inc.	2019352002	L'Oreal
2018272326	Kelley, S.	2019357479	Edwards Lifesciences Corporation
2018274197	Cryovac, LLC	2019369307	Repligen Corporation
2018276407	Technoform Bautec Holding GmbH	2019373289	Shell Internationale Research Maatschappij B.V.
2018279309	Wix.com Ltd.	2019373350	Welltec Oilfield Solutions AG
2018282877	Fluor Technologies Corporation	2019378207	Shenzhen Carku Technology Co., Limited
2018286434	Ries, S.	2019378601	Boston Scientific Scimed, Inc.
2018287976	Frank's International, LLC	2019378694	Citrix Systems, Inc.
2018290629	Kolon Life Science, Inc.; Kolon TissueGene, Inc.	2019379109	Novartis AG
2018290995	Covidien LP	2019381637	Innovative Building Technologies, LLC
2018295010	Qualcomm Incorporated	2019382600	Nuovo Pignone Technologie - S.r.l.
2018301381	Cyteir Therapeutics, Inc.	2019395022	Sonos, Inc.
2018333776	Kine Sciences Co., Ltd.	2019397263	Colgate-Palmolive Company
2018344370	Bayer Aktiengesellschaft	2019399487	ConMed Corporation
2018371578	Doosan Mobility Innovation Inc.	2019400926	Nicoventures Trading Limited
2018374456	Galapagos NV	2019404039	Boston Scientific Scimed, Inc.
2018375668	Raytheon Company	2019410648	Touchstone International Medical Science Co., Ltd.
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2018405759	Shandong University	2019421939	Wisteria Co., Ltd.
2018412301	LG Electronics Inc.	2019427989	China University of Mining and Technology
2018416430	DEHN SE + Co KG	2019432740	Mitsubishi Electric Corporation
2018419293	Suzhou SLAC Precision Equipment Co., Ltd.	2019444187	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2018429247	Fujitsu Limited	2020201768	Willow Innovations, Inc.
2018433575	Advanced Accelerator Applications SA	2020201803	LIEN, L.
2018435963	ZTE Corporation	2020202044	ConMed Corporation
2018439076	W. L. Gore & Associates, Inc.	2020202577	Alkermes Pharma Ireland Limited
2019204064	MacDon Industries Ltd.	2020202806	Stryker Corporation
2019214168	Shenzhen Neptunus Pharmaceutical Research Institute Co., Ltd.	2020202821	Bayer HealthCare LLC
2019219755	MAYA	2020202842	Wix.com Ltd.
2019222758	Vertex Pharmaceuticals Incorporated	2020203166	MX Technologies, Inc.
2019224647	CMR Surgical Limited	2020203573	F. Hoffmann-La Roche AG
2019229644	Dentsply Detrey GmbH	2020203665	Unchained Labs
2019237892	Qualcomm Incorporated	2020204045	Karsten Manufacturing Corporation
2019238381	F. Hoffmann-La Roche AG	2020204062	Molecular Insight Pharmaceuticals, Inc.
2019241460	Nicoventures Trading Limited	2020204085	Magic Leap, Inc.
2019241765	Takeda Pharmaceutical Company Limited	2020204227	NOVOLUTO GmbH
2019243157	The Gillette Company LLC	2020204282	Abbott Diabetes Care Inc.
2019243158	The Gillette Company LLC	2020204454	Amenity Health, Inc.
2019243332	Mitsui Chemicals, Inc.	2020204520	Evogene Ltd.
2019243592	IDEXX Laboratories, Inc.	2020204641	Monsanto Technology LLC
2019244394	Nicoventures Trading Limited	2020205215	Illumina, Inc.
2019249267	Rite-Hite Holding Corporation; Dibiase, J.	2020205268	Minerva Neurosciences, Inc.
2019251151	ShanghaiTech University	2020213277	GT SYSTEMS PTY LTD
2019261205	LG Electronics Inc.	2020213288	PROMEGA CORPORATION
2019262589	Amgen Inc.	2020214373	Northwest Institute of Eco-Environment and Resources, Chinese Academy of Sciences
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2019287377	Needlesmart Ltd	2020221062	Google LLC
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2020264276	Applied Medical Resources Corporation	2022200192	Seminis Vegetable Seeds, Inc.
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2020264305	The Climate Corporation	2022201575	AC Designs Pty Ltd
2020264327	Snap-on Incorporated	2022203177	Apple Inc.
2020264386	Kaman Precision Products, Inc.	2022203217	Baraja Pty Ltd
2020267167	WANG, Y.	2022203446	Zodiac Pool Systems LLC
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2020267274	The University of Ottawa		
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2020289886	Research Institute of Industrial Science & Technology		
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2020316538	Central South University		
2020329233	G-CON Manufacturing, Inc.		
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2020369773	Astec, Inc.		
2020371240	Circular Food Technology ApS		
2020380339	Revolok Technologies, LLC		
2020394391	Nemo Equipment, Inc.		
2020395785	Shandong Lingxiyuan Sci-Tech Development Corporation		
2020416827	Nanjing Institute of Agricultural Mechanization, Ministry of Agriculture And Rural Affairs		
2021200088	Qualcomm Incorporated		
2021200229	Galapagos NV		
2021200302	XIDIAN UNIVERSITY		
2021200414	Inovio Pharmaceuticals, Inc.		
2021200641	Starlogik IP LLC		
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2021201198	Paradigm BioPharmaceuticals Ltd.		
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2021201255	Evonik Operations GmbH		
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2021201682	GE Video Compression, LLC		
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<u>A01C 21 /-</u>	<u>A01N 43 /-</u>	2020371240	<u>A47G 9 /-</u>	2021202817	2016338966
2020281165	2018344370	<u>A23L 2 /-</u>	2020204454	<u>A61F 9 /-</u>	<u>A61K 38 /-</u>
<u>A01C 23 /-</u>	<u>A01P 13 /-</u>	2017329108	<u>A47J 31 /-</u>	2019344532	2016276436
2020281165	2020204641	2020371240	2016359793	<u>A61G 5 /-</u>	2017247004
<u>A01C 7 /-</u>	<u>A21B 3 /-</u>	<u>A23L 23 /-</u>	2016372389	<u>A61H 19 /-</u>	2018212575
2020281165	2022201575	2020371240	2020233684	2020204227	2018249453
<u>A01D 34 /-</u>	<u>A21B 5 /-</u>	<u>A23L 33 /-</u>	<u>A47J 37 /-</u>	<u>A61H 9 /-</u>	2018333776
2017203248	2022201575	2016338966	2022201575	2020204227	2020267734
<u>A01D 41 /-</u>	<u>A21C 3 /-</u>	2018333776	<u>A61B 1 /-</u>	<u>A61K 31 /-</u>	2022200293
2019204064	2022201575	2020371240	2016349625	2017247004	<u>A61K 39 /-</u>
<u>A01D 43 /-</u>	<u>A21C 9 /-</u>	<u>A23L 7 /-</u>	2016377361	2017321883	2019416486
2019204064	2022201575	2020371240	2017212224	2020261961	2020267222
<u>A01D 61 /-</u>	<u>A21D 13 /-</u>	<u>A24F 47 /-</u>	2017226420	<u>A61K 45 /-</u>	<u>A61K 45 /-</u>
2019204064	2017355522	2019241460	2020244504	2017233889	2017233889
<u>A01D 75 /-</u>	<u>A21D 6 /-</u>	2019244394	<u>A61B 10 /-</u>	2017295863	<u>A61K 47 /-</u>
2019204064	2022201575	<u>A41D 27 /-</u>	2017332262	2017301077	<u>A61K 48 /-</u>
<u>A01G 31 /-</u>	<u>A21D 8 /-</u>	<u>A41G 5 /-</u>	<u>A61B 17 /-</u>	2017302361	2017226420
2021201680	2022201575	2020394391	2017331242	2017320876	2017301077
<u>A01H 17 /-</u>	<u>A23C 11 /-</u>	<u>A44C 19 /-</u>	2017302509	2017345490	2017302361
2016367640	2019421939	2017301098	2017332262	2018246265	2017345490
<u>A01H 4 /-</u>	<u>A23C 9 /-</u>	<u>A45C 11 /-</u>	2019288997	2018246341	2018258687
2022200192	2020371240	2017301098	2019337475	2018258348	2020267734
<u>A01H 5 /-</u>	<u>A23D 7 /-</u>	<u>A45D 19 /-</u>	2019399487	2018269924	<u>A61K 48 /-</u>
2020204520	2019421939	2022203728	2019410648	2018269964	2017249412
2022200192	2020371240	2019352002	2020202806	2018301381	<u>A61K 51 /-</u>
<u>A01K 13 /-</u>	<u>A23D 9 /-</u>	<u>A45D 26 /-</u>	2020264276	2018374456	2018433575
2017237256	2019421939	2022203728	2020289839	2019214168	2020204062
<u>A01K 63 /-</u>	<u>A23G 3 /-</u>	<u>A46B 5 /-</u>	2021203699	2019222758	<u>A61K 6 /-</u>
2021201680	2018225662	2018286434	<u>A61B 18 /-</u>	2019238381	2019229644
<u>A01L 3 /-</u>	<u>A23G 7 /-</u>	<u>A46B 7 /-</u>	2017260453	2019241765	<u>A61K 8 /-</u>
2017237256	2018225662	2018286434	<u>A61B 34 /-</u>	2019251151	2016338907
			2019224647	2019262589	2016374457
			2019378601	2019297214	2017329108
			2021203699	2019297428	<u>A61K 9 /-</u>
			<u>A61B 5 /-</u>	2019302732	2016338907
			2017260453	2019379109	2016377361
			2019397263	2020202577	2017221521
			2020201768	2020205268	2017231697
			<u>A61B 8 /-</u>	2020227021	2017233889
			2017281012	2020233773	2017301077
			2020231128	2020239615	2017320876
			<u>A61F 2 /-</u>	2020250201	2017331242
				2020267222	
				2020283238	
				2021200229	
				2021201198	
				2021201228	
				2021202875	
				<u>A61K 33 /-</u>	
				2017320876	
				2017320876	

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2017345490	<u>A61N 5 /-</u>	2016303622	2020201803	<u>B25B 27 /-</u>	2017215878
2020227021		2018374456	2020203665		<u>B32B 27 /-</u>
2020283238	2020312642	2019297428		2017225956	
2021200229	<u>A61N 7 /-</u>	2019416486	<u>B01D 65 /-</u>	2017290411	2017215878
2021201228					2021202810
<u>A61L 2 /-</u>	2017281012	<u>A61P 43 /-</u>	2020203665	<u>B25B 9 /-</u>	
					<u>B32B 3 /-</u>
2021202817	<u>A61P 11 /-</u>	2020283238	<u>B01J 2 /-</u>	2022203728	2021202810
<u>A61L 27 /-</u>	2019222758	<u>A61P 7 /-</u>	2016352978	<u>B25F 5 /-</u>	
	2019416486				<u>B32B 5 /-</u>
2021202817	<u>A61P 17 /-</u>	2018246265	<u>B01L 1 /-</u>	2017249373	2021202810
		2020250201		2017290411	
<u>A61L 9 /-</u>	2019302732	<u>A61P 9 /-</u>	2020329233	<u>B25J 5 /-</u>	<u>B32B 7 /-</u>
	2019416486				2017215878
2017341062	2020283238	2017233889	<u>B02B 3 /-</u>	2020281165	
<u>A61M 1 /-</u>	<u>A61P 19 /-</u>	2017247004			<u>B33Y 10 /-</u>
		2017301077	<u>B02C 18 /-</u>	2017295317	2020221901
2017332262	2018246265	2018246265		2020281165	2020288575
2019404039	2019416486	2018374456	2021257894		2020334695
2020201768	2020283238	<u>A61Q 17 /-</u>	<u>B03C 3 /-</u>	<u>B26B 21 /-</u>	
2020202044	2021201198				<u>B33Y 50 /-</u>
<u>A61M 11 /-</u>	<u>A61P 25 /-</u>	2016374457	2018212329	2019243157	2020288575
				2019243158	
2019241460	2018246265	<u>A62C 2 /-</u>	<u>B04C 11 /-</u>	<u>B27F 5 /-</u>	<u>B33Y 70 /-</u>
2019400926	2018258348		2016370774		
<u>A61M 13 /-</u>	2018269924	2020220066	<u>B04C 5 /-</u>	2019342761	2019382600
	2019238381	<u>A63B 5 /-</u>			2020221901
2019288997	2019241765		2016370774	<u>B29B 17 /-</u>	
2019399487	2020227021	2020267167			<u>B33Y 80 /-</u>
<u>A61M 15 /-</u>	<u>A61P 29 /-</u>	<u>A63B 53 /-</u>	<u>B05B 5 /-</u>	2017274362	
					<u>B29C 41 /-</u>
2019241460	2017345490	2020204045	2016352978	<u>B29C 41 /-</u>	2019382600
2019400926	2019238381	<u>A63B 55 /-</u>	<u>B06B 1 /-</u>	2021202810	2020221901
<u>A61M 16 /-</u>	2019416486				<u>B60B 33 /-</u>
	2021200229	2021202793	2017281012	<u>B29C 45 /-</u>	2017211703
2020256426	<u>A61P 3 /-</u>	<u>A63B 69 /-</u>	<u>B07B 1 /-</u>	2020257091	<u>B60B 35 /-</u>
<u>A61M 25 /-</u>					
	2018246265	2020232862	2016200742	<u>B29C 64 /-</u>	2017278058
2018439076	2018246341			2020221901	
	2020250201	<u>B01D 1 /-</u>	<u>B08B 3 /-</u>	2020288575	<u>B60D 1 /-</u>
<u>A61M 31 /-</u>	<u>A61P 31 /-</u>		2016349383	2020334695	2019249267
		2017329108			
2020277124	2017212224	<u>B01D 11 /-</u>	<u>B08B 9 /-</u>	<u>B29C 70 /-</u>	<u>B60G 7 /-</u>
<u>A61M 37 /-</u>	2017320876				
	2018212575	2016338966	2016349383	2020221901	2017239603
2017332262	2019214168	<u>B01D 29 /-</u>	<u>B21J 15 /-</u>	<u>B29D 99 /-</u>	<u>B60P 3 /-</u>
<u>A61M 39 /-</u>	2019297214				
	2019297428	2016369312	2017290411	2020221901	2020380339
2019399487	<u>A61P 35 /-</u>	<u>B01D 3 /-</u>	<u>B22F 3 /-</u>	<u>B29K 21 /-</u>	<u>B60P 7 /-</u>
<u>A61M 5 /-</u>					
	2016326734	2017329108	2019382600	2017274362	2020380339
2017225068	2017226420	<u>B01D 35 /-</u>	2020288575	<u>B29L 30 /-</u>	<u>B60R 15 /-</u>
2017361931	2017295863				
2019287377	2018258687	2021257894	<u>B23K 13 /-</u>	2017274362	2021257894
2020202821	2018301381				
2020258868	2019214168	<u>B01D 53 /-</u>	2016379392	<u>B29L 31 /-</u>	<u>B60R 9 /-</u>
2022200293	2019238381				
	2019251151	2017264552	<u>B23P 19 /-</u>	2017274362	2019303248
<u>A61N 1 /-</u>	2019262589	2017281505			
	2019297428	2018282877	2017225956	<u>B30B 9 /-</u>	<u>B61K 9 /-</u>
2017252310	2019379109	<u>B01D 61 /-</u>			
2017326449	2020250201		<u>B25B 25 /-</u>	2017276496	2017294920
2021200414	<u>A61P 37 /-</u>				
		2020380339	<u>B32B 1 /-</u>		

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<u>B62B 3 /-</u>	<u>B65D 79 /-</u>	2020204062	<u>C07D 285 /-</u>	<u>C07D 519 /-</u>	<u>C08L 19 /-</u>
2017211703	2017301098	<u>C07C 17 /-</u>	2020239615	2018344370	2017274362
<u>B62B 5 /-</u>	<u>B65D 85 /-</u>	2020204062	<u>C07D 307 /-</u>	<u>C07F 7 /-</u>	<u>C08L 33 /-</u>
2017211703	2018419293	<u>C07C 211 /-</u>	2017249412	2020204062	2021201255
<u>B62D 35 /-</u>	<u>B65D 88 /-</u>	2021201228	2018246341	<u>C07F 9 /-</u>	<u>C08L 83 /-</u>
2021202383	2016204390	<u>C07C 215 /-</u>	<u>C07D 401 /-</u>	2018246341	2017386952
<u>B62D 37 /-</u>	<u>B65G 17 /-</u>	2018258348	2017295863	<u>C07H 15 /-</u>	<u>C09B 11 /-</u>
2021202383	2017221545	<u>C07C 217 /-</u>	2018258687	2018258687	2019319901
<u>B62D 55 /-</u>	<u>B65G 19 /-</u>	2018269964	2019251151	<u>C07K 1 /-</u>	<u>C09B 69 /-</u>
2017235215	2020395785	<u>C07C 253 /-</u>	2019379109	2017345490	2019319901
<u>B62J 1 /-</u>	<u>B65G 33 /-</u>	2020233773	2020267222	2020203665	2019319901
2017250610	2018272326	<u>C07C 255 /-</u>	<u>C07D 403 /-</u>	<u>C07K 11 /-</u>	<u>C09J 175 /-</u>
<u>B63B 32 /-</u>	<u>B65G 47 /-</u>	2020233773	2018374456	2018249453	2017317484
2019219755	2017221545	<u>C07C 259 /-</u>	2019214168	<u>C07K 14 /-</u>	<u>C09K 8 /-</u>
<u>B63G 9 /-</u>	<u>B65G 49 /-</u>	2020267222	2019262589	2016326734	2016428908
2016337175	2018272326	<u>C07C 279 /-</u>	2020267222	2017247004	<u>C12C 5 /-</u>
<u>B64C 39 /-</u>	<u>B65H 59 /-</u>	2020204062	<u>C07D 405 /-</u>	2017249412	2017329108
2018371578	2020380339	<u>C07C 319 /-</u>	2019379109	2017321883	<u>C12F 3 /-</u>
<u>B65B 11 /-</u>	<u>B66C 23 /-</u>	2020233602	<u>C07D 413 /-</u>	2017345490	2020371240
2018274197	2016269490	<u>C07C 323 /-</u>	2018246341	2018212575	<u>C12G 1 /-</u>
<u>B65B 41 /-</u>	<u>B81B 3 /-</u>	2020233602	<u>C07D 417 /-</u>	2020204520	2017329108
2017216442	2020267274	<u>C07D 207 /-</u>	2018246341	2020213288	<u>C12G 3 /-</u>
<u>B65B 9 /-</u>	<u>B82Y 5 /-</u>	2018269924	<u>C07D 419 /-</u>	<u>C07K 16 /-</u>	2017329108
2017216442	2016377361	<u>C07D 211 /-</u>	2019379109	2017247004	<u>C12M 1 /-</u>
<u>B65D 17 /-</u>	<u>C01B 32 /-</u>	2020227021	2021202875	2019416486	2017218430
2018419293	2017376826	<u>C07D 221 /-</u>	<u>C07D 471 /-</u>	2020203665	2021202810
<u>B65D 19 /-</u>	<u>C01B 5 /-</u>	2019379109	2018374456	2020261961	<u>C12M 3 /-</u>
2017211703	2017329108	<u>C07D 235 /-</u>	2019241765	<u>C07K 19 /-</u>	<u>C12M 1 /-</u>
2020257091	<u>C02F 1 /-</u>	2020267222	2019262589	2018212575	2017218430
2020368423	2017207985	<u>C07D 239 /-</u>	2019297428	2018249453	2021202810
<u>B65D 33 /-</u>	2020289886	2020267299	2020250201	<u>C08F 220 /-</u>	2021202810
2017215878	2021257894	<u>C07D 241 /-</u>	<u>C07D 475 /-</u>	2021201255	<u>C12N 1 /-</u>
<u>B65D 43 /-</u>	<u>C02F 103 /-</u>	2020233773	2018246265	<u>C08F 283 /-</u>	2021202810
2017301098	2021257894	<u>C07D 271 /-</u>	<u>C07D 487 /-</u>	2017317484	<u>C12N 13 /-</u>
<u>B65D 75 /-</u>	<u>C03B 27 /-</u>	2018246341	2019241765	<u>C08G 18 /-</u>	2018290629
2017215878	2017361931	2020239615	2019262589	2017317484	<u>C12N 15 /-</u>
2018274197	<u>C05G 3 /-</u>	<u>C07D 277 /-</u>	2019297428	<u>C08J 5 /-</u>	2016253964
<u>B65D 77 /-</u>	2017376826	2018301381	2019302732	2016352978	2016296069
2018274197	<u>C07B 59 /-</u>	2019297214	<u>C07D 498 /-</u>	<u>C08J 9 /-</u>	2016303622
			2019222758	2021201255	2016349625
			<u>C07D 513 /-</u>	2021202810	2017224865
			<u>C07D 515 /-</u>	<u>C08L 101 /-</u>	2017249412
			2019222758	2016352978	2017342062
					2019243332
					2019416486
					2020203573
					2020203665

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2020204520	<u>C25B 9 /-</u>	2019381637	2019303954		<u>F26B 11 /-</u>
2020214373			2019373350	<u>F16D 23 /-</u>	
2020261961	2017207985	<u>E04C 3 /-</u>		2019327636	2020369773
<u>C12N 5 /-</u>	<u>C25C 1 /-</u>	2021201288	<u>E21B 34 /-</u>		<u>F41G 7 /-</u>
2016296069	2015415308	<u>E04F 13 /-</u>	2018243929	<u>F16G 11 /-</u>	2020264386
2016303622			<u>E21B 4 /-</u>	2020380339	<u>F42C 13 /-</u>
2016319189	<u>C25C 3 /-</u>	2019381637	2018243929	<u>F16H 7 /-</u>	2020264386
2016341982	2015415308	<u>E04G 21 /-</u>		2019289009	
2018290629		2016277606	<u>E21B 43 /-</u>	<u>F16J 15 /-</u>	<u>G01B 11 /-</u>
2021202810	<u>C25C 7 /-</u>		2017298104	2020202821	2017354910
<u>C12N 9 /-</u>	2015415308	<u>E04G 3 /-</u>	2019303954		
2016276436	<u>D06F 33 /-</u>	2016277606	2019427989	<u>F16K 31 /-</u>	<u>G01B 7 /-</u>
<u>C12P 21 /-</u>				2019373289	2018405759
2017342062	2019261205	<u>E04H 1 /-</u>	2017298104		<u>G01B 9 /-</u>
2020261961	<u>D06F 39 /-</u>	2020329233	<u>E21B 47 /-</u>	<u>F16L 23 /-</u>	2017354910
<u>C12Q 1 /-</u>	2019261205	<u>E04H 17 /-</u>	2019303954	2019369307	<u>G01C 15 /-</u>
	2020223729		<u>E21B 49 /-</u>	<u>F16M 13 /-</u>	2022203217
2016243498	<u>E01B 27 /-</u>	2020244548		2020380339	<u>G01C 22 /-</u>
2016253964		<u>E04H 4 /-</u>	2017407953		2016377256
2016319189	2017294920		<u>E21B 7 /-</u>	<u>F17C 3 /-</u>	
2017218430		2020232862		2017266684	<u>G01J 1 /-</u>
2019243332	<u>E01B 35 /-</u>	2022203446	<u>E21C 35 /-</u>	<u>F23D 1 /-</u>	2021203917
2019319901		<u>E05B 1 /-</u>	2018243929		<u>G01J 3 /-</u>
2020205215	2017294920		<u>E21C 31 /-</u>	<u>F23N 3 /-</u>	2022203217
2020214373	<u>E01C 19 /-</u>	2016259357		2020220066	<u>G01M 17 /-</u>
<u>C12R 1 /-</u>		<u>E05B 17 /-</u>	2020286316	<u>F24F 11 /-</u>	2017235215
2020214373	2020369773		<u>E21C 41 /-</u>		<u>G01M 3 /-</u>
<u>C22B 26 /-</u>	<u>E02D 29 /-</u>	2019342761		<u>F24F 3 /-</u>	2020223669
		<u>E05B 3 /-</u>	2020286316		<u>G01N 1 /-</u>
2020201803	2016384311		<u>F01N 13 /-</u>	<u>F25B 49 /-</u>	2017238445
2020289886	<u>E02D 33 /-</u>	2016259357		2020329233	2017302126
<u>C22B 3 /-</u>		<u>E05D 11 /-</u>	2017281505		2020203665
	2018405759		<u>F01N 3 /-</u>	<u>F25B 9 /-</u>	<u>G01N 21 /-</u>
2020289886	<u>E02F 3 /-</u>	2019342761			2017254689
<u>C22C 1 /-</u>		<u>E05D 7 /-</u>	2017281505	<u>F25D 17 /-</u>	2017286802
	2016269490		<u>F03D 80 /-</u>		
	2016386092	2020264327		2019432740	<u>G01N 1 /-</u>
2019382600	<u>E02F 9 /-</u>	<u>E05F 11 /-</u>	2019332038	2020329233	
<u>C22C 14 /-</u>			<u>F15B 13 /-</u>		2017238445
	2016386092	2016259357		<u>F25B 9 /-</u>	2017302126
2019350496	<u>E03B 7 /-</u>		2016277731		2020203665
<u>C22C 19 /-</u>		<u>E06B 3 /-</u>		<u>F25D 21 /-</u>	<u>G01N 21 /-</u>
	2020223669		<u>F16B 2 /-</u>		2017254689
2019382600	<u>E03C 1 /-</u>	2018276407		2017285723	2017286802
<u>C22F 1 /-</u>		<u>E21B 19 /-</u>	2019327636	<u>F25D 17 /-</u>	<u>G01N 27 /-</u>
	2017206513		<u>F16B 37 /-</u>		
2019350496	<u>E03D 5 /-</u>	2018287976		2018412301	2020267274
<u>C23C 14 /-</u>		<u>E21B 21 /-</u>	2020221901	<u>F25D 21 /-</u>	<u>G01N 30 /-</u>
	2021257894		<u>F16C 11 /-</u>		2017350807
2017371707	<u>E04B 1 /-</u>	2018243929		2018412301	
<u>C23C 20 /-</u>		2018287976	2017239603	<u>F25D 25 /-</u>	<u>G01N 33 /-</u>
	2020329233	<u>E21B 28 /-</u>	<u>F16C 17 /-</u>		2016326734
2017280093	<u>E04B 2 /-</u>	2018243929		<u>F25J 1 /-</u>	2016369312
<u>C25B 11 /-</u>		2019303954	2019332038		2018290629
	2020329233	<u>E21B 33 /-</u>	<u>F16C 33 /-</u>	2017285723	2019319901
2017207985	<u>E04B 9 /-</u>				2020261961
		2018287976	2019332038		

Applications Accepted - IPC Index cont'd

<u>G01N 35 /-</u>	<u>G05B 17 /-</u>	2019344461	<u>G08B 21 /-</u>	<u>H01L 51 /-</u>	<u>H04L 1 /-</u>
2020203665	2021269407		2018231071	2017259105	2017412432
<u>G01R 19 /-</u>	<u>G05B 19 /-</u>	2019344461	<u>G10L 15 /-</u>	<u>H01M 10 /-</u>	<u>H04L 12 /-</u>
2018416430	2017295317	2019378694	2021258012	2019378207	2019444187
<u>G01R 33 /-</u>		<u>G06K 9 /-</u>	<u>G10L 17 /-</u>	<u>H01M 8 /-</u>	<u>H04L 5 /-</u>
2016337175	2021269407	2017294920	2022203177	2016432005	2019318672
<u>G01S 15 /-</u>	<u>G05B 23 /-</u>	2020203166	<u>G10L 19 /-</u>	2018371578	<u>H04L 65 /-</u>
2017281012	2021269407	2020316538		<u>H01P 3 /-</u>	2021201799
<u>G01S 17 /-</u>	<u>G05D 1 /-</u>	2021258012	2021204569	2021201519	<u>H04L 67 /-</u>
2017295317	2018261100	<u>G06N 20 /-</u>	<u>G10L 21 /-</u>	<u>H01P 7 /-</u>	2021201799
2021202597	2021202597	2020312642	2017377656	2021201519	2021367389
2022203217		2021258012	2021200726		
<u>G01S 3 /-</u>	<u>G05G 1 /-</u>	<u>G06N 3 /-</u>	<u>G11B 27 /-</u>	<u>H01R 13 /-</u>	<u>H04L 9 /-</u>
2020287677	2019378601	2020312642	2021202306	2017313924	2016403410
<u>G01S 5 /-</u>	<u>G06F 11 /-</u>	2021258012	<u>G11C 11 /-</u>	<u>H01R 43 /-</u>	<u>H04M 3 /-</u>
2020287677	2017280347		2017409368	2020264277	2021200641
<u>G01S 7 /-</u>	<u>G06F 15 /-</u>	<u>G06Q 10 /-</u>	<u>G16B 20 /-</u>	<u>H01R 9 /-</u>	<u>H04M 7 /-</u>
2017281012	2017382161	2016295396	2018391843	2017313924	2021200641
2021202597	2020213277	2017204029	<u>G16H 20 /-</u>	<u>H02J 3 /-</u>	<u>H04N 19 /-</u>
2022203217		2020416827	2022200293	2020277277	2019344407
<u>G01V 1 /-</u>	<u>G06F 16 /-</u>	<u>G06Q 20 /-</u>	<u>G16H 40 /-</u>	<u>H02J 7 /-</u>	2021201682
2015355142	2019325151	2016374489			2021202099
2016231473	2019344461	<u>G06Q 50 /-</u>	2019243592	2017338621	<u>H04N 21 /-</u>
<u>G01V 3 /-</u>	2020202842	2016295396	2022200293	2019378207	2021202306
2016337175	2020233736	2020213277	<u>G16H 50 /-</u>	<u>H02M 7 /-</u>	<u>H04N 5 /-</u>
<u>G02B 1 /-</u>	2021202306	2020233736	2020312642	2016379392	2021202306
2017254689	<u>G06F 17 /-</u>	2021200302	<u>H01B 3 /-</u>	<u>H02S 10 /-</u>	<u>H04Q 9 /-</u>
<u>G02B 13 /-</u>	2016337175	2021200302	2016429499	2020281145	2018371578
2019346376	<u>G06F 21 /-</u>	<u>G06T 11 /-</u>	<u>H01H 9 /-</u>	<u>H02S 40 /-</u>	<u>H04R 27 /-</u>
<u>G02B 23 /-</u>	2020204282	2021202099	2019378601	2020277277	2017377656
2020244504	2021200302	<u>G06T 15 /-</u>	<u>H01J 49 /-</u>	2020281145	2020351811
<u>G02B 5 /-</u>	2021201911	<u>G06T 17 /-</u>	2017220662	<u>H03F 1 /-</u>	<u>H04R 3 /-</u>
2017287530	2021245121	2018290995		2020244592	2017377656
<u>G02C 7 /-</u>	<u>G06F 3 /-</u>	<u>G06T 7 /-</u>	<u>H01L 21 /-</u>	<u>H03F 3 /-</u>	<u>H04W 12 /-</u>
2017261563	2016425227	2018290995	2017259105	2020244592	2018239194
2017287530	2017365223	2018429247	2017371707		2018239194
2020353383	2019338180	<u>G06V 10 /-</u>	<u>H01L 27 /-</u>	<u>H03G 3 /-</u>	<u>H04W 16 /-</u>
2020354783	2019344461	2021202099	2017254689	2017377656	2021200088
<u>G04G 21 /-</u>	2019395022	<u>G07C 9 /-</u>	<u>H01L 29 /-</u>	<u>H04B 10 /-</u>	<u>H04W 28 /-</u>
2021201748	2021201748	2018239194	2017259105	2017365075	2017411422
<u>G05B 13 /-</u>	2022203177	<u>G08B 17 /-</u>	<u>H01L 31 /-</u>	<u>H04J 14 /-</u>	2019237892
2017298104	<u>G06F 40 /-</u>	2021203917	2017371707	2020204085	<u>H04W 36 /-</u>
	2018279309		2020281145		2017339698
	2020221062				
	<u>G06F 5 /-</u>				
	2018295010				
	<u>G06F 7 /-</u>				
	2020286214				
	<u>G06F 8 /-</u>				

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H04W 4 /-

2018239194
2019400926
2019444187

H04W 48 /-

2019265300

H04W 64 /-

2019265300

H04W 72 /-

2017391825
2018435963
2021200088

H04W 76 /-

2019444187

H04W 84 /-

2021200088

H05B 6 /-

2016379392

H05K 7 /-

2018375668

Certified Innovation Patents

Name Index

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

(71) BISSELL Inc.
 (11) AU-B-2021107554
 (21) 2021107554 (22) 03.02.2021
 (54) Surface cleaning apparatus
 (51) Int. Cl.
 A47L 7/02 (2006.01)
 (45) 07.07.2022
 (62) 2016101847,2018278858
 (72) Xia, Jincheng; Ge, Jianjun; Yin, Zhenji-
 ang; Chen, Xin; Liang, Yongsheng;
 Tam, Kin-leung; Li, Min; Li, Feng Chun
 (74) Griffith Hack

(71) BISSELL Inc.
 (11) AU-B-2021107639
 (21) 2021107639 (22) 03.02.2021
 (54) Surface cleaning apparatus
 (51) Int. Cl.
 A47L 7/02 (2006.01)
 (45) 07.07.2022
 (62) 2016101847,2018278858
 (72) Xia, Jincheng; Ge, Jianjun; Yin, Zhenji-
 ang; Chen, Xin; Liang, Yongsheng;
 Tam, Kin-leung; Li, Min; Li, Feng Chun
 (74) Griffith Hack

(71) Bromardar Pty Ltd
 (11) AU-B-2019100498
 (21) 2019100498 (22) 07.05.2019
 (54) Method And Apparatus For Securing A
 Blind
 (51) Int. Cl.
 E06B 9/80 (2006.01)
 E05B 63/12 (2006.01)
 E06B 9/17 (2006.01)
 E06B 9/325 (2006.01)
 (31) 2018902134 (32) 15.06.18 (33) AU
 (45) 07.07.2022
 (72) Idle, Andrew; Idle, Kevin
 (74) Kevin Ashby

(71) Cruel Sea Technologies Pty Ltd
 (11) AU-B-2021105165
 (21) 2021105165 (22) 09.08.2021
 (54) Pressure adjustment for seeding as-
 sembly
 (51) Int. Cl.
 A01C 7/20 (2006.01)
 A01C 5/06 (2006.01)
 A01B 71/02 (2006.01)
 (45) 07.07.2022
 (72) Auldish, Jack
 (74) Armour IP Pty Ltd

(71) HUANG, G.
 (11) AU-B-2021106785
 (21) 2021106785 (22) 24.08.2021
 (54) COMBINED PLANT COMPOUNDS
 FOR USE IN THE TREATMENT OF

VIRAL INFECTIONS INCLUDING
 COVID-19
 (51) Int. Cl.
 A61K 36/18 (2006.01)
 A61K 36/232 (2006.01)
 A61K 36/235 (2006.01)
 A61K 36/287 (2006.01)
 A61K 36/288 (2006.01)
 A61K 36/346 (2006.01)
 A61K 36/355 (2006.01)
 A61K 36/40 (2006.01)
 A61K 36/42 (2006.01)
 A61K 36/48 (2006.01)
 A61K 36/481 (2006.01)
 A61K 36/484 (2006.01)
 A61K 36/487 (2006.01)
 A61K 36/53 (2006.01)
 A61K 36/532 (2006.01)
 A61K 36/539 (2006.01)
 A61K 36/54 (2006.01)
 A61K 36/62 (2006.01)
 A61K 36/634 (2006.01)
 A61K 36/736 (2006.01)
 A61K 36/744 (2006.01)
 A61K 36/75 (2006.01)
 A61K 36/758 (2006.01)
 A61K 36/78 (2006.01)
 A61K 36/86 (2006.01)
 A61K 36/8945 (2006.01)
 A61K 36/8962 (2006.01)
 A61K 36/899 (2006.01)
 A61K 36/8994 (2006.01)
 A61K 36/9062 (2006.01)
 A61K 36/9064 (2006.01)
 A61K 36/9068 (2006.01)
 A61P 31/12 (2006.01)
 A61P 31/14 (2006.01)
 (45) 07.07.2022
 (72) HUANG, Guoxin
 (74) Baxter Patent Attorneys Pty Ltd

(71) Nexba IP Pty Ltd
 (11) AU-B-2017101058
 (21) 2017101058 (22) 03.08.2017
 (54) Compositions comprising natural
 sweetener combinations and food and
 beverage products comprising same
 (51) Int. Cl.
 A23L 27/30 (2016.01)
 A23L 33/21 (2016.01)
 (31) 62/426,852 (32) 28.11.16 (33) US
 (45) 07.07.2022
 (72) BILBE, Drew Benjamin; DOUGLAS,
 Troy Alexander Findlay
 (74) Davies Collison Cave Pty Ltd

Numerical Index

2017101058 Nexba IP Pty Ltd
2019100498 Bromardar Pty Ltd
2021105165 Cruel Sea Technologies Pty Ltd
2021106785 HUANG, G.
2021107554 BISSELL Inc.
2021107639 BISSELL Inc.

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A01B 71 /-

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2021105165

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2021105165

A23L 27 /-

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2017101058

A47L 7 /-

2021107554

2021107639

A61K 36 /-

2021106785

A61P 31 /-

2021106785

E05B 63 /-

2019100498

E06B 9 /-

2019100498

Patents Granted**Innovation Patents**

2022100077

Assignments Registered

2004267844 SunPower Corporation, Systems The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2004268628 Orthopeutics L.P. The patent has been assigned to **Spinal Simplicity, LLC**

2004273700 Enzymotec Ltd. The patent has been assigned to **Frutarom Limited**

2005248272 LG Chem, Ltd. The patent has been assigned to **LG Energy Solution, LTD.**

2006280527 LG Chem, Ltd. The patent has been assigned to **LG Energy Solution, LTD.**

2006332511 SunPower Corporation, Systems The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2007231735 CSR Viridian (New Zealand) Limited The patent has been assigned to **Viridian Glass Limited Partnership**

2008275375 CGG Holding (U.S.) Inc. The patent has been assigned to **SERCEL Inc.**

2008309140 Enzymotec Ltd. The patent has been assigned to **Frutarom Limited**

2008320328 Enzymotec Ltd. The patent has been assigned to **Frutarom Limited**

2009203049 ContiTech USA, Inc.; Advanced Imaging Technologies Ltd. The patent has been assigned to **ContiTech USA, Inc.; Con-titech Services (Pty.) Ltd**

2009210352 Bionic Products Pty Ltd The patent has been assigned to **Bionic IP Pty Ltd**

2009261941 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2009261942 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2009266797 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2009266808 Arrow International, Inc. The patent has been assigned to **Teleflex Life Sciences Limited**

2010306563 Avaxia Biologics, Inc. The patent has been assigned to **Circle 33, LLC**

2011200456 SunPower Corporation, Systems The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2011242778 Plexxikon, Inc. The patent has been assigned to **Opna Immuno Oncology, SA**

2011246912 Enzymotec Ltd. The patent has been assigned to **Frutarom Limited**

2011264929 ConocoPhillips Company The patent has been assigned to **Shearwater GeoServices Software Inc.**

2011273423 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

Assignments Registered

2012219254 Asana Biosciences, LLC The patent has been assigned to **ABS Development 1, Inc.**

2012358267 Apse, LLC The patent has been assigned to **RNAIS-SANCE AG LLC**

2013248481 Estetra S.P.R.L. The patent has been assigned to **Neuralis SA**

2013259850 Cellerant Therapeutics, Inc. The patent has been assigned to **ONK Therapeutics Limited**

2013336695 Biochos AS The patent has been assigned to **UPL Europe Supply Chain GmbH**

2013369982 Tarveda Therapeutics, Inc. The patent has been assigned to **TVA (ABC), LLC**

2014206799 X4 Pharmaceuticals (Austria) GmbH The patent has been assigned to **Janssen Pharmaceuticals Inc.**

2014233437 Plexxikon Inc. The patent has been assigned to **Opna Immuno Oncology, SA**

2014342041 ConocoPhillips Company The patent has been assigned to **Shearwater GeoServices Software Inc.**

2014354911 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**

2014396790 NewSouth Innovations Pty Limited The patent has been assigned to **Diraq Pty Ltd**

2015211481 Stackdoor B.V. The patent has been assigned to **Metal Quartz S.A.**

2015258330 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2015284236 Tarveda Therapeutics, Inc. The patent has been assigned to **TVA (ABC), LLC**

2015296288 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**

2015349902 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**

2016207015 Climbtch, LLC The patent has been assigned to **Werner Co.**

2016221293 Enzymotec Ltd. The patent has been assigned to **Frutarom Limited**

2016226556 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2016226557 SunPower Corporation The patent has been assigned to **TotalEnergies Distributed Generation USA, LLC**

2016246730 The Regents of the University of Colorado, A Body Corporate; Shire Human Genetic Therapies, Inc. The patent has been assigned to **The Regents of the University of Colorado, A Body Corporate; Takeda Pharmaceutical Company Limited**

2016294314 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**

2016298598 FORSCHUNGSZENTRUM BORSTEL LEIBNIZ LUNGENZENTRUM; F. Hoffmann-La Roche AG The patent has been assigned to **F. Hoffmann-La Roche AG**

Assignments Registered

- 2016303798 NewSouth Innovations Pty Limited The patent has been assigned to **Diraq Pty Ltd**
- 2016325716 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2016332986 P-Crane Global Limited The patent has been assigned to **Langbein, Ross; Langbein, Katrina**
- 2016343817 Tarveda Therapeutics, Inc. The patent has been assigned to **TVA (ABC), LLC**
- 2016351357 Area-I Inc. The patent has been assigned to **Anduril Industries, Inc.**
- 2017204662 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2017231043 Enzymotec Ltd. The patent has been assigned to **Frutarom Limited**
- 2017348313 Tarveda Therapeutics, Inc. The patent has been assigned to **TVA (ABC), LLC**
- 2018201184 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2018204037 Tarveda Therapeutics, Inc. The patent has been assigned to **TVA (ABC), LLC**
- 2018204249 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2018204437 X4 Pharmaceuticals (Austria) GmbH The patent has been assigned to **Janssen Pharmaceuticals Inc.**
- 2018250421 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2018260936 Asana Biosciences, LLC The patent has been assigned to **ABS Development 1, Inc.**
- 2019201229 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2019203293 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2019236643 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**
- 2019241096 Shanghai Ninth People's Hospital, Shanghai Jiaotong University School of Medicine; Shanghai Microport Orthopedics Co., Ltd. The patent has been assigned to **Suzhou MicroPort Rehab-Tech (Group) Co. Ltd.**
- 2019268163 Hunt Perovskite Technologies, L.L.C. The patent has been assigned to **CubicPV Inc.**

2020203635 Barker, Robert John; Keogh, Mark Hamilton Marshall The patent has been assigned to **Ross, Andrew**

2021101203 Barker, Robert John; Keogh, Mark Hamilton Marshall The patent has been assigned to **Ross, Andrew**

2021103421 Aquila Active Health Care Pty Ltd The patent has been assigned to **UCAN Ostomy Systems Pty Ltd**

Licences Registered - Section 187, Reg. 19

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

2015354871 Neodrill As (Aker Solutions AS)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2005258077 **E. R. Squibb & Sons, L.L.C.**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

2009212273 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

2011236019 **E. R. Squibb & Sons, L.L.C.**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

2014259719 **AnaptysBio, Inc.**

The earliest first regulatory approval date provided by the patentee 17 Feb 2022

For the goods JEMPERLI dostarlimab

2016308262 **Astrazeneca AB**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

2020203306 **AstraZeneca AB**

The earliest first regulatory approval date provided by the patentee 29 Mar 2022

For the goods SAPHNELO anifrolumab

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.

2018282427 **Glaxo Group Limited**

The earliest first regulatory approval date provided by the patentee 16 Jan 2018

For the goods TRELEGY Ellipta

Address for service : Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions granted

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

2006330759 **AstraZeneca AB; Array Biopharma Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2021

For the goods KOSELUGO selumetinib

Extension of Term of patent pursuant to Section 77 expires on 12 Dec 2031

2009222613 **Array BioPharma, Inc; AstraZeneca AB**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

The earliest first regulatory approval date provided by the patentee 02 Dec 2021

For the goods KOSELUGO selumetinib

Extension of Term of patent pursuant to Section 77 expires on 13 Mar 2028

2010253770 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Jul 2021

For the goods BREZTRI AEROSPHERE budesonide, glycopyrronium and formeterol fumarate dihydrate

Extension of Term of patent pursuant to Section 77 expires on 28 May 2035

2011257335 **Adverio Pharma GmbH**

The earliest first regulatory approval date provided by the patentee 15 Nov 2021

For the goods VERQUVO vericiguat

Extension of Term of patent pursuant to Section 77 expires on 24 May 2036

2018282272 **Pearl Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 19 Jul 2021

For the goods BREZTRI AEROSPHERE budesonide, glycopyrronium and formeterol fumarate dihydrate

Extension of Term of patent pursuant to Section 77 expires on 28 May 2035

Corrigenda

In Vol 36 , No 25 , Page(s) 3507 under the heading **Amendments - Application for Amendments** Under the name Medincell, Patent No. 2016355236 correct the date of the statements filed to read 20 May 2022 and 02 Apr 2022

In Vol 36 , No 26 , Page(s) 3641 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name CRAGE medical Co., Limited, Application No. 2019310855, under INID (71) correct the applicant name to CRAGE Medical Co., Limited

In Vol 36 , No 26 , Page(s) 3641 under the heading **Assignments Before Grant, Section 113 - 2019** Under the name CRAGE medical Co., Limited, Application No. 2019341365, under INID (71) correct the applicant name to CRAGE Medical Co., Limited

In Vol 36 , No 26 , Page(s) 3642 under the heading **Assignments Before Grant, Section 113 - 2020** Under the name CRAGE medical Co., Limited, Application No.2020304139, under INID (71) correct the applicant name to CRAGE Medical Co., Limited

In Vol 36 , No 26 , Page(s) 3727 under the heading **Applications Accepted - Name Index** Delete all reference to 2021203980.

In Vol 36 , No 26 , Page(s) 3774 under the heading **Assignments Registered** Under the name CRAGE medical Co., Limited, Application No. 2018221110, under INID (71) correct the applicant name to CRAGE Medical Co., Limited

Specifications Republished

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

2018329903	Suntory Holdings Limited
2019297324	Gilead Sciences, Inc.
2019357824	Huawei Technologies Co., Ltd.
2019357824	Huawei Technologies Co., Ltd.
2020202792	Genmab A/S
2021201198	Paradigm BioPharmaceuticals Ltd.
2021218051	Apple Inc.