



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*

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

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

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

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

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

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

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

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

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

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

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

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

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

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

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 20 Jun 2023 .

(71) Aim Energy Holdings Pty Ltd (21) 2023901955 (22) 20.06.2023 (54) A GAS SEPARATOR APPARATUS	(71) Australian National University (21) 2023901964 (22) 21.06.2023 (54) Agents and Uses Therefor	(71) Biosceptre (Aust) Pty Ltd (21) 2023901949 (22) 20.06.2023 (54) Enrichment of engineered immune cells (2)
(71) Akunah Medical Technology Pty Ltd (21) 2023901886 (22) 15.06.2023 (54) Automated Identification and Classification of Musculoskeletal Abnormalities From Medical Images	(71) Barkla Holdings Pty Ltd (21) 2023901991 (22) 23.06.2023 (54) Filters, systems and methods for x-ray imaging	(71) Birch, E. (21) 2023901911 (22) 16.06.2023 (54) A device for preventing water exposure to lengths or ends of hair.
(71) Alluvion Process Developments Pty Limited (21) 2023902006 (22) 26.06.2023 (54) A filter element	(71) Barro Group Pty Ltd (21) 2023901922 (22) 18.06.2023 (54) Concrete composition	(71) Bliss Sleeptech PTY LTD (21) 2023902002 (22) 26.06.2023 (54) Biomask with Stimulation Attachment and Integrated Stimulation Device
APPUHAMILLAGE, G. see Spark, I. (21) 2023901999	(71) Bartley, C.; Windley, C. (21) 2023901833 (22) 09.06.2023 (54) A Packaging Substrate	(71) Blue Chalk Pty Ltd (21) 2023901853 (22) 12.06.2023 (54) Door Frame Protector
(71) Asbestos Reports Australia Pty Limited (21) 2023901859 (22) 13.06.2023 (54) TECHNOLOGY CONFIGURED TO ENABLE SECURE EXECUTION OF DOCUMENTS VIA EXTERNAL USER VERIFICATION PROCESS WHICH GENERATES UNIQUE CHECK-IN EVENT DATA FIELD OF THE INVENTION [0001] The present invention relates, in various embodiments, to technology configured to enable secure execution of documents via an external user verification process which generates unique check-in event data. For example, the user verification process may facilitate generation and sharing of secure data records for point-in-time verification of identity and location. Embodiments of the invention are primarily directed to en	(71) Becker, R. (21) 2023901866 (22) 13.06.2023 (54) MODIFIED GAMES OF AUSTRALIAN AND AMERICAN FOOTBALL RUGBY AND RELATED EQUIPMENT	(71) Boudhik Ventures Pty Ltd (21) 2023901847 (22) 12.06.2023 (54) SYSTEMS AND METHODS FOR ENHANCING USER EXPERIENCE AND PROVIDING CUSTOMER INSIGHTS BY PROVIDING AI BASED INSTANT DIGITAL CATALOG
(71) Austrack Equipment Pty Ltd (21) 2023901930 (22) 19.06.2023 (54) Vacuum Lifting Device and System	(71) Bellero, M. (21) 2023901943 (22) 19.06.2023 (54) The process flow chart relates to the conversion of Biomass Energy to renewable fuels, methanol/ethanol/ biodiesel. The process allows for net zero carbon emissions, and is a sustainable, renewable fuel process	(71) Bowden, J.H. (21) 2023901901 (22) 16.06.2023 (54) A SPORTING APPARATUS AND SYSTEM
	(71) Biohub Solutions Pty Ltd (21) 2023901871 (22) 14.06.2023 (54) Biohub Solutions BioPlan Process	(71) BREEN, W.; VALLESE, M. (21) 2023901982 (22) 23.06.2023 (54) PLUMBING FITTING AND SEAT
	(71) Bionomics Limited (21) 2023901981 (22) 23.06.2023 (54) Antibody-Drug-Conjugates And Uses Thereof For The Treatment of Cancer	(71) Calcining Investments Pty Ltd (21) 2023901956 (22) 20.06.2023 (54) Carbon Battery System

Provisional Applications Filed - Name Index cont'd

(71) CALVARY HEALTH CARE (NEW-CASTLE) LIMITED; NSW HEALTH PATHOLOGY
 (21) 2023902009 (22) 26.06.2023
 (54) Basic Alternative Pathway Overactivation (BACON) Assay

(71) Canopean Pty Ltd; Nakon, D.; Millar, M.
 (21) 2023901885 (22) 15.06.2023
 (54) PROCESS FOR EXTRACTION OF METALS FROM AN AQUEOUS SOLUTION

(71) Capper, L.
 (21) 2023901997 (22) 24.06.2023
 (54) Clip on Tap

(71) Castcom Technologies Pty Ltd
 (21) 2023901851 (22) 12.06.2023
 (54) Smelting of Metal-containing Materials

(71) CAVAL, A.
 (21) 2023901875 (22) 14.06.2023
 (54) A SOCK OR STOCKING APPLICATOR

(71) Cenofex Innovations Pty Ltd
 (21) 2023901837 (22) 09.06.2023
 (54) Systems and methods for moving subcutaneous fluid

(71) Choudhury, O.
 (21) 2023901854 (22) 13.06.2023
 (54) DELAYED LIQUID MIXING UTENSIL

(71) Christiansen, L.
 (21) 2023901876 (22) 14.06.2023
 (54) Reliable Code Generation and Execution Using Correlated Outputs of Multiple Diverse Large Language Models (LLMs)

(71) Clark, M.
 (21) 2023901852 (22) 12.06.2023
 (54) Insect Net

(71) CMTE Development Limited
 (21) 2023901873 (22) 14.06.2023
 (54) Real time failed idler detection system and method

(71) Commonwealth Scientific and Industrial Research Organisation
 (21) 2023901869 (22) 13.06.2023
 (54) Scanner for insect damage

(71) Commonwealth Scientific and Industrial Research Organisation
 (21) 2023901883 (22) 14.06.2023
 (54) Apparatus and method for analysis of ore

(71) Conrick, P.
 (21) 2023901903 (22) 16.06.2023
 (54) A fast charge battery, a fast battery charger, and a method of fast battery charging

(71) Curran, B.
 (21) 2023901975 (22) 22.06.2023
 (54) A chemically impregnated insert for a bin

(71) Cyber Security Research Centre Limited
 (21) 2023901986 (22) 23.06.2023
 (54) User authentication for operational technology (OT) assets

(71) Daniels, E.
 (21) 2023901971 (22) 22.06.2023
 (54) A hair spray shield and a method of utilisation thereof to mask hair root re-growth

(71) DEICHLER, K.A.
 (21) 2023901935 (22) 19.06.2023
 (54) MAKEUP HOLDING DEVICE

(71) Dendo Systems Pty Ltd
 (21) 2023902000 (22) 25.06.2023
 (54) Universal Wireless Control Module for Motorised Window Coverings

Dexter Chi Lun CHEUNG see Howard Kuo-Hao CHIU
 (21) 2023901902

(71) Dottac Pty Ltd
 (21) 2023901934 (22) 19.06.2023
 (54) A Tactile Indicator

(71) Drop Bio Ltd
 (21) 2023902008 (22) 26.06.2023
 (54) SYSTEMS AND METHODS FOR PROVIDING CORRECTED ANALYTE MEASUREMENTS OF BIOLOGICAL SAMPLES

(71) DTSINTER PTE. LTD.
 (21) 2023901992 (22) 23.06.2023
 (54) Microdot scene text recognition using artificial intelligence and machine learning

(71) Dunbar, K.
 (21) 2023901906 (22) 16.06.2023
 (54) A green method for the treatment of lignocellulose materials

(71) Dunlop, J.; Gardner, B.; Ganci, N.; Legenhausen, L.
 (21) 2023901916 (22) 16.06.2023
 (54) Modular and expandable autonomous indoor farming system

(71) Edworkz Pty. Ltd.
 (21) 2023901963 (22) 21.06.2023
 (54) System and method for detecting strokes

Eglantine Penelope Mary LAYEC see Howard Kuo-Hao CHIU
 (21) 2023901902

(71) EHJ IP Limited
 (21) 2023901990 (22) 23.06.2023
 (54) Ginseng compositions

(71) Electro Nautic Pty Ltd
 (21) 2023901840 (22) 09.06.2023
 (54) Lift generator for hydrofoil watercraft

(71) Elliott, S.
 (21) 2023901995 (22) 24.06.2023
 (54) Tally Counter Protective Covers and Mounting Systems (base model and customizable)

(71) Energy Tap Pty Ltd
 (21) 2023901983 (22) 23.06.2023
 (54) Energy conversion system

(71) Envision Sciences Pty Ltd
 (21) 2023901917 (22) 16.06.2023
 (54) Methods for Detecting and Evaluating Prostate Cancer

(71) Everflo Australia Pty Ltd
 (21) 2023901954 (22) 20.06.2023
 (54) CRYOGENIC DEHYDRATOR FOR A SLURRY

(71) EVOKEEDGE PTY LTD
 (21) 2023901887 (22) 15.06.2023
 (54) Efficient Intelligent SmartThing

(71) EXPLOR Scientific Pty Ltd
 (21) 2023901994 (22) 23.06.2023
 (54) A MULTI-AXIS REACTOR AND METHOD

(71) Fisher Fencing
 (21) 2023901996 (22) 24.06.2023
 (54) Fence Rail Jig

(71) Fitzgerald, J.
 (21) 2023901846 (22) 12.06.2023
 (54) Fitzzy PRV trailer

Provisional Applications Filed - Name Index cont'd

(71) Fleet Space Technologies Pty Ltd (21) 2023901978 (22) 22.06.2023 (54) Seismic sensor node for rapid deployment	(71) Hoselink Pty Ltd (21) 2023901947 (22) 20.06.2023 (54) NOZZLE ASSEMBLY	K.P, D. see Tamarasaran, V. (21) 2023901957
(71) Flexshield Group Pty Ltd (21) 2023901973 (22) 22.06.2023 (54) Fire resistant door	(71) Hoselink Pty Ltd (21) 2023901948 (22) 20.06.2023 (54) HOSE REEL ASSEMBLY	(71) Kakoschke, K. (21) 2023901836 (22) 09.06.2023 (54) Noongar 6 Seasons Wood Spinner Dial & Viewer Window 6 Aboriginal Weather SEASONS Indigenous Annual Climate Resource Australian Culture
(71) Formo Bio GmbH (21) 2023901874 (22) 14.06.2023 (54) Scalable Process	(71) Howard Kuo-Hao CHIU; Dexter Chi Lun CHEUNG; Thomas Heinrich BARNES; Eglantine Penelope Mary LAYEC; Margaret Shi LU; Robin Le-Ching CHANG; Stephen William MCPHEE (21) 2023901902 (22) 16.06.2023 (54) Apparatus for supplying fluid to a tissue area	(71) Kambouris, A. (21) 2023901913 (22) 16.06.2023 (54) Processes
(71) Fortescue Future Industries Pty Ltd (21) 2023901894 (22) 15.06.2023 (54) Electrochemical Cell	(71) Hysential Pty Ltd (21) 2023902011 (22) 26.06.2023 (54) Apparatus and Method of Refilling Liquid Hygiene Pods	(71) Killara IP Pty Ltd (21) 2023901968 (22) 21.06.2023 (54) Laparoscope Coupling and Drape
(71) Fortescue Future Industries Pty Ltd (21) 2023901895 (22) 15.06.2023 (54) Electrochemical Cell	(71) Icon23 Pty Ltd (21) 2023901830 (22) 09.06.2023 (54) A puzzle	(71) King Furniture Australia Pty Ltd (21) 2023901898 (22) 15.06.2023 (54) A reconfigurable rest for an article of furniture
(71) Fuelspec Services Assets Pty Ltd (21) 2023901969 (22) 22.06.2023 (54) OVERFILL PROTECTION SYSTEM AND DEVICES THEREFORE	(71) InfigoLabs Pty Ltd (21) 2023901914 (22) 16.06.2023 (54) Combustor component, combustor assembly and related systems and methods	(71) KINSHIP GLOBAL PTY LTD (21) 2023901915 (22) 16.06.2023 (54) A CULTURALLY APPROPRIATE ABORIGINAL AND INDIGENOUS KINSHIP HOUSE
Ganci, N. see Dunlop, J. (21) 2023901916	(71) Insurance Australia Limited (21) 2023901972 (22) 22.06.2023 (54) Chassis repair component design and method	(71) Kittel, P. (21) 2023901960 (22) 21.06.2023 (54) A Vertical Axis Turbine
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(71) Gearon, M. (21) 2023901958 (22) 21.06.2023 (54) Mobility device	(71) jaffrey, d. (21) 2023901952 (22) 20.06.2023 (54) Compact coaxial external combustion engine	(71) Lam, T.T. (21) 2023901925 (22) 18.06.2023 (54) MAGNETIC TRANSMISSION SYSTEM
(71) Glenrowan Enterprises Pty Ltd (21) 2023901904 (22) 16.06.2023 (54) CONVEYOR ROLLER SUPPORT STRUCTURE AND INSTALLATION FOR CONVEYOR SYSTEMS	(71) James Cook University; The Flinders University of South Australia (21) 2023901889 (22) 15.06.2023 (54) Method for Producing Graphene	(71) Lam, T.T. (21) 2023901929 (22) 19.06.2023 (54) MAGNETIC TRANSMISSION SYSTEM
Golsby, K. see Rayzor (21) 2023901924	(71) J Carlson Pty Ltd (21) 2023901988 (22) 23.06.2023 (54) A DEVICE FOR INJECTING A LIQUID INTO A BALE	(71) Lam, T.T. (21) 2023902001 (22) 26.06.2023 (54) MAGNETIC TRANSMISSION SYSTEM
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(71) Good Water Energy Ltd (21) 2023901987 (22) 23.06.2023 (54) SEA WATER GEOTHERMAL SY-PHONING PURIFICATION, DESALINATION AND ENERGY SYSTEM		Latham, S. see Vyrodov, V. (21) 2023901896

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(71) Lazer Safe Pty Ltd
(21) 2023901933 (22) 19.06.2023
(54) Monitoring System and Methods

(71) Lee, J.
(21) 2023901855 (22) 13.06.2023
(54) Buoyancy Control Device

(71) Lee, H.
(21) 2023901989 (22) 23.06.2023
(54) AN EYELASH CURLING SHIELD

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(21) 2023901916

(71) Little, G.
(21) 2023901959 (22) 21.06.2023
(54) A Therapy Apparatus and Method of Use

(71) Lynamid Limited
(21) 2023901841 (22) 09.06.2023
(54) Compositions and methods for delivery of truncated midkine proteins

(71) Macquarie University
(21) 2023901937 (22) 19.06.2023
(54) Scam call system

(71) Malter, R.
(21) 2023901843 (22) 09.06.2023
(54) CONDITIONING NERVE INJURY ELECTRICAL STIMULATION DEVICES AND METHOD OF MEDICAL TREATMENT

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(21) 2023901902

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(21) 2023901924

(71) Maxoniq IP Pty Ltd
(21) 2023901938 (22) 19.06.2023
(54) A temporomandibular joint replacement implant

(71) McCarthy, D.
(21) 2023901865 (22) 13.06.2023
(54) A module for controlling an electronic control unit of an engine of an automobile

(71) McNally Holdings Pty Ltd
(21) 2023901909 (22) 16.06.2023
(54) Prospecting Equipment

(71) McPhee, J.
(21) 2023901927 (22) 19.06.2023
(54) ENTERTAINMENT AT YOUR FINGERTIPS

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(21) 2023901905

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(21) 2023901885

(71) Mitchell, C.
(21) 2023902012 (22) 27.06.2023
(54) A method of rendering a cable and/or an owner of a cable identifiable

(71) MMA Subsea Services Pty Ltd
(21) 2023901939 (22) 19.06.2023
(54) Hydrographic Surveying Vessel and System

(71) MMA Subsea Services Pty Ltd
(21) 2023901941 (22) 19.06.2023
(54) Hydrographic Surveying Vessel and System

(71) MMA Subsea Services Pty Ltd
(21) 2023901942 (22) 19.06.2023
(54) Hydrographic Surveying Vessel and System

(71) MORSE MICRO PTY. LTD.
(21) 2023901908 (22) 16.06.2023
(54) Methods and Devices for supporting ambient power harvesting devices and legacy devices in wireless networks

(71) Move Engineering Group Pty Limited
(21) 2023901880 (22) 14.06.2023
(54) FIFTH WHEEL COUPLING LOAD MEASUREMENT SYSTEM

(71) Move Engineering Group Pty Limited
(21) 2023901884 (22) 14.06.2023
(54) FIFTH WHEEL COUPLING LOAD MEASUREMENT SYSTEM

(71) MU, W.
(21) 2023902014 (22) 23.06.2023
(54) Nuclear wastewater treatment solutions that have been put into the ocean.

(71) Murdoch University
(21) 2023901928 (22) 19.06.2023
(54) Use of photosynthetic organisms for metabolite production

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(21) 2023901957

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(21) 2023901885

(71) Newman, A.
(21) 2023901861 (22) 13.06.2023
(54) Farming apparatus

(71) NewSouth Innovations Pty Limited
(21) 2023901835 (22) 09.06.2023
(54) Fluorescence Microscope

(71) NewSouth Innovations Pty Limited
(21) 2023902005 (22) 26.06.2023
(54) Biosensor

(71) Newton, S.
(21) 2023901897 (22) 15.06.2023
(54) A PORTABLE VEHICLE RETAINING DEVICE AND METHOD OF USE THEREOF

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(21) 2023902009

(71) Number 8 Bio Holdings Pty Ltd
(21) 2023901838 (22) 09.06.2023
(54) METHANE EMISSION-REDUCING COMPOSITION

(71) Number 8 Bio Holdings Pty Ltd
(21) 2023901842 (22) 09.06.2023
(54) METHANE EMISSION-REDUCING MICROORGANISMS

(71) Orica International Pte Ltd
(21) 2023901892 (22) 15.06.2023
(54) Commercial blasting systems and methods

(71) Pagden, L.
(21) 2023902013 (22) 27.06.2023
(54) Laminar air flow control system

(71) Perron Institute for Neurological and Translational Science Limited
(21) 2023901931 (22) 19.06.2023
(54) Nucleic acid sequence transfer-based treatment for malignant diseases

(71) Personalised Surgery Pty Ltd
(21) 2023901910 (22) 16.06.2023
(54) Surgical device

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(71) Pinz International Pty Limited
 (21) 2023901940 (22) 19.06.2023
 (54) A method for collecting an indication representing a physical wearable pin on a personalised user page and automatically accessing a personalised user page

(71) Plötz, R.
 (21) 2023901912 (22) 16.06.2023
 (54) Device and Method for the Alignment of Rails

(71) Premier Scaffolds Pty Ltd
 (21) 2023901900 (22) 16.06.2023
 (54) Scaffolding System

(71) Psychae Therapeutics Pty Ltd
 (21) 2023901893 (22) 15.06.2023
 (54) Composition and method to treat, ameliorate or prevent a psychological, neurological or chronic inflammatory disorder, and method for preparing composition

(71) PYC Therapeutics Limited
 (21) 2023901907 (22) 16.06.2023
 (54) Compositions and methods for treatment of kidney disease (1)

(71) Quantum Servo Pumping Technologies Pty Ltd
 (21) 2023901862 (22) 13.06.2023
 (54) One-way valves

R, D.G. see Tamarasan, V.
 (21) 2023901957

(71) Rayzor; Marshall, A.; Golsby, K.; Golsby, M.
 (21) 2023901924 (22) 18.06.2023
 (54) Roller ball assembly and article of luggage having same

(71) Real Tenure Pty Ltd
 (21) 2023902003 (22) 26.06.2023
 (54) COMMERCIAL PROPERTY MANAGEMENT SYSTEM AND METHOD

(71) REECOIL PTY. LTD
 (21) 2023901848 (22) 12.06.2023
 (54) Emergency first aid kit

ResMed Asia Pacific Limited see ResMed Pty Ltd
 (21) 2023901953

(71) ResMed Pty Ltd; ResMed Asia Pacific Limited; ResMed Sensor Technologies Limited
 (21) 2023901953 (22) 20.06.2023
 (54) FEEDBACK FOR SLEEP CONDITIONS

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 (21) 2023901953

(71) REYNOLDS, R.; MEIER, J.
 (21) 2023901905 (22) 16.06.2023
 (54) A SYSTEM FOR RECOVERING BOIL-OFF GAS

(71) RNC PTY LIMITED
 (21) 2023901834 (22) 09.06.2023
 (54) A system for bed making

Robin Le-Ching CHANG see Howard Kuo-Hao CHIU
 (21) 2023901902

(71) Rowatt, E.
 (21) 2023901974 (22) 22.06.2023
 (54) COMPUTER IMPLEMENTED SYSTEM AND METHOD FOR FACILITATING TRACKING OF DISCRETIONARY SPENDING

(71) Sambastian, A.
 (21) 2023901921 (22) 17.06.2023
 (54) IMPROVED HANDLE FOR A PREPARATION CONTAINER, AND PREPARATION CONTAINER INCORPORATING SAME

(71) Samsara Eco Pty Limited
 (21) 2023901918 (22) 16.06.2023
 (54) Enzyme variants and uses thereof

(71) Samsara Eco Pty Limited
 (21) 2023901919 (22) 16.06.2023
 (54) Recycling polyamides

(71) Samsara Eco Pty Limited
 (21) 2023901920 (22) 16.06.2023
 (54) Recycling polyamides

(71) Scinogy Products Pty Ltd
 (21) 2023901870 (22) 13.06.2023
 (54) MIXER FOR PARTICLE SUSPENSIONS INSIDE BAGS

(71) Second Peg Pty Ltd
 (21) 2023901882 (22) 14.06.2023
 (54) Fin Fastening System

(71) Seed Terminator Holdings Pty Ltd
 (21) 2023901923 (22) 18.06.2023
 (54) Belt Drive System

(71) Seqirus Inc.
 (21) 2023901936 (22) 19.06.2023
 (54) Multivalent subtype influenza vaccine

(71) seward, k.
 (21) 2023902004 (22) 26.06.2023
 (54) Trigger aid for push button spray can

(71) Silver City Mining Co. Limited
 (21) 2023901945 (22) 20.06.2023
 (54) PROCESS AND USE THEREOF

(71) Silver City Mining Co. Limited
 (21) 2023901970 (22) 22.06.2023
 (54) PGM PROCESS AND USE THEREOF

(71) Smart EV Solutions Pty Ltd
 (21) 2023901890 (22) 15.06.2023
 (54) A Power Supply Metering System and Method

(71) So, D.
 (21) 2023901899 (22) 15.06.2023
 (54) Integrated Virtual Reality to Augmented Reality Shopping System and Method

(71) Spark, I.; APPUHAMILLAGE, G.
 (21) 2023901999 (22) 25.06.2023
 (54) Improved off-road vehicle

(71) SRW Solutions Holdings Pty Ltd
 (21) 2023901951 (22) 20.06.2023
 (54) IMPROVED FIRE-RETARDANT

(71) Staness Pty Ltd ATF The Brooks Family Trust
 (21) 2023901977 (22) 22.06.2023
 (54) RODENT TRAP

(71) STEPHENS, M.
 (21) 2023901878 (22) 14.06.2023
 (54) LATCH ASSEMBLY WITH MAGNETIC ACTUATION.

Stephen William MCPHEE see Howard Kuo-Hao CHIU
 (21) 2023901902

(71) Strathbrook Industrial Services Pty Ltd
 (21) 2023901966 (22) 21.06.2023
 (54) Refrigeration system and associated method

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(71) Synrado Pty Ltd
(21) 2023901979 (22) 23.06.2023
(54) Monomer synthesis

(71) TACTICAGEAR PTY LTD
(21) 2023901850 (22) 12.06.2023
(54) Apparatus and Method for Holding a Canister relative to an Air Powered Gun

(71) Tactica Pty Ltd
(21) 2023901849 (22) 12.06.2023
(54) Apparatus and Method for Holding a Canister relative to an Air Powered Gun

(71) Tamilarasan, V.; N.K., D.G.; R, D.G.; K.P, D.
(21) 2023901957 (22) 20.06.2023
(54) HUMAN ASSISTING ROBOT

(71) Tesla UV Decontamination Systems Pty. Ltd.
(21) 2023901877 (22) 14.06.2023
(54) A Hygiene Device For A Goods Carrier And Disinfection System Therefor

(71) The Council of the Queensland Institute of Medical Research
(21) 2023901944 (22) 19.06.2023
(54) BIOMARKERS FOR AGE-RELATED MACULAR DEGENERATION AND USES THEREOF

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(21) 2023901889

(71) The Heart Research Institute Ltd
(21) 2023901984 (22) 23.06.2023
(54) New synthesis method

(71) The University of Adelaide
(21) 2023901863 (22) 13.06.2023
(54) METHOD AND COMPOSITION FOR MANIPULATION OF ANIMAL FIBRE

(71) The University of Melbourne
(21) 2023902007 (22) 26.06.2023
(54) Multiple measurements using an electrochemical aptamer-based sensor

(71) The University of Queensland
(21) 2023901856 (22) 13.06.2023
(54) Systems and uses thereof

(71) The University of Sydney
(21) 2023901962 (22) 21.06.2023
(54) Reactor for electrochemical ammonia synthesis

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(21) 2023901879

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(21) 2023901902

(71) Ti2 Pty Ltd
(21) 2023901858 (22) 13.06.2023
(54) Anisotropically conductive material with tubular conductive elements for use with a biological surface

(71) Tutch Holdings Pty Ltd
(21) 2023901965 (22) 21.06.2023
(54) HUMAN MACHINE INTERFACE WITH ARTIFICAL INTELLIGENCE

(71) University of Melbourne
(21) 2023901976 (22) 22.06.2023
(54) Fabrication of 3D Objects

(71) University of Tasmania
(21) 2023901844 (22) 09.06.2023
(54) METHODS AND SYSTEMS FOR FABRICATING THREE-DIMENSIONAL OBJECTS BY ADDITIVE MANUFACTURING

(71) University of Technology Sydney
(21) 2023901868 (22) 13.06.2023
(54) Systems and methods for processing media and determining vascular changes

(71) University of Technology Sydney
(21) 2023901932 (22) 19.06.2023
(54) Membrane cleaning process

(71) Urch, M.J.
(21) 2023902010 (22) 26.06.2023
(54) A concentrated solar power generation device

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(21) 2023901982

(71) Virbac (Australia) Pty Limited
(21) 2023901831 (22) 09.06.2023
(54) Composition

(71) Virbac (Australia) Pty Limited
(21) 2023901832 (22) 09.06.2023
(54) Composition

(71) Vyrodov, V.; Latham, S.
(21) 2023901896 (22) 15.06.2023
(54) Method for Production of Concrete

(71) Weir, K.
(21) 2023901857 (22) 13.06.2023
(54) Wood Pellet Specific Litter Box

(71) Western Advance Pty Ltd
(21) 2023901950 (22) 20.06.2023
(54) Artificial intelligence (AI) aged-care alert system

(71) Whiskr
(21) 2023901891 (22) 15.06.2023
(54) Whiskr Wearable Tech Dog Collar

(71) WHITELEY CORPORATION PTY LTD; THE UNIVERSITY OF SYDNEY
(21) 2023901879 (22) 14.06.2023
(54) Biofilm Disrupting Composition

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(21) 2023901833

(71) Wynergy Developments Pty Ltd
(21) 2023901872 (22) 14.06.2023
(54) Driven Ground Pile

(71) Xero Limited
(21) 2023901881 (22) 14.06.2023
(54) Methods, systems and computer-readable media for creating unique identifiers from multi-field data objects

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2023901966 Strathbrook Industrial Services Pty Ltd
2023901968 Killara IP Pty Ltd
2023901969 Fuelspec Services Assets Pty Ltd
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2023901971 Daniels, E.
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2023901973 Flexshield Group Pty Ltd
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2023901978 Fleet Space Technologies Pty Ltd
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2023902000 Dendo Systems Pty Ltd
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2023902002 Bliss Sleeptech PTY LTD
2023902003 Real Tenure Pty Ltd
2023902004 seaward, k.
2023902005 NewSouth Innovations Pty Limited
2023902006 Alluvion Process Developments Pty Limited
2023902007 The University of Melbourne
2023902008 Drop Bio Ltd
2023902009 CALVARY HEALTH CARE (NEWCASTLE) LIMITED;
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2023902010 Urch, M.J.
2023902011 Hysential Pty Ltd
2023902012 Mitchell, C.
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2023902014 MU, W.

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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Jun 2023 .

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

<hr/> <p>(71) 10X Genomics, Inc. (21) 2023203879 (22) 20.06.2023 (54) Compositions and methods for sample processing (62) 2020244615</p> <hr/> <p>(71) 4D Pharma León, S.L.U. (21) 2023203930 (22) 21.06.2023 (54) Process for lyophilising a product (62) 2021201767</p> <hr/> <p>(71) 8 Rivers Capital, LLC (21) 2023203880 (22) 20.06.2023 (54) Systems and methods for power production with integrated production of hydrogen (62) 2017356668</p> <hr/> <p>(71) ABB Schweiz AG (21) 2023203851 (22) 19.06.2023 (54) Systems and methods for measuring trace contaminants in gas matrix using integrated cavity output spectroscopy (31) 17/849,395 (32) 24.06.22 (33) US</p> <hr/> <p>(71) ABB Schweiz AG (21) 2023203852 (22) 19.06.2023 (54) Systems and methods for measuring trace contaminants in gas matrix using integrated cavity output spectroscopy (31) 17/849,411 (32) 24.06.22 (33) US</p> <hr/> <p>(71) ABB Schweiz AG (21) 2023203853 (22) 19.06.2023 (54) Enhancements to laser spectroscopy modeling by measurement of hydrocarbon fuel gas compositions (31) 17/849,360 (32) 24.06.22 (33) US</p> <hr/> <p>(71) ABB Schweiz AG (21) 2023203876 (22) 20.06.2023 (54) Pump manifold with redundancy for gas extraction system (31) 17/849,400 (32) 24.06.22 (33) US</p> <hr/> <p>(71) AbbVie Inc. (21) 2023203573 (22) 08.06.2023 (54) Anti-EGFR antibodies and antibody drug conjugates (62) 2020250319</p>	<p>AbbVie Inc. see Calico Life Sciences LLC (21) 2023203860</p> <hr/> <p>(71) ABC Construction Limited (21) 2023203742 (22) 15.06.2023 (54) ADJUSTABLE BRACE (31) 789003 (32) 21.06.22 (33) NZ</p> <hr/> <p>(71) Abiomed, Inc.; Icahn School of Medicine at Mount Sinai (21) 2023203667 (22) 13.06.2023 (54) System and method for determining native cardiac output while continuing support to the heart with a catheter-mounted intracardiac blood pump having an imbedded thermistor (62) 2018239421</p> <hr/> <p>(71) Abiomed, Inc.; Massachusetts Institute of Technology (21) 2023203674 (22) 13.06.2023 (54) Cardiovascular assist system that quantifies heart function and facilitates heart recovery (62) 2017326989</p> <hr/> <p>(71) Acer Incorporated (21) 2023203754 (22) 15.06.2023 (54) DEVICE AND METHOD OF HANDLING A HANDOVER (62) 2022209323</p> <hr/> <p>(71) Acer Incorporated (21) 2023203758 (22) 15.06.2023 (54) METHOD FOR HANDLING MULTI-CELL SCHEDULING, USER EQUIPMENT AND BASE STATION (31) 63/353,849 (32) 21.06.22 (33) US 18/331,922 08.06.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023203811 (22) 17.06.2023 (54) TEXT CO-EDITING IN A CONFLICT-FREE REPLICATED DATA TYPE ENVIRONMENT (31) 17/890,203 (32) 17.08.22 (33) US</p> <hr/> <p>(71) Adobe Inc. (21) 2023203928 (22) 21.06.2023 (54) RESOLVING GARMENT COLLISIONS USING NEURAL NETWORKS (31) 17/875,081 (32) 27.07.22 (33) US</p>	<p>(71) Advanced Ground Solutions Pty Ltd (21) 2023203945 (22) 22.06.2023 (54) IMPROVED FOOTING PLATE (31) 2022901783 (32) 27.06.22 (33) AU</p> <hr/> <p>(71) Afterpay Pty Ltd (21) 2023203755 (22) 15.06.2023 (54) Payment system (62) 2017295314</p> <hr/> <p>(71) AFT Pharmaceuticals Ltd (21) 2023203871 (22) 20.06.2023 (54) A Rapamycin Method of Treatment and Composition</p> <hr/> <p>(71) AgeX Therapeutics, Inc. (21) 2023203808 (22) 16.06.2023 (54) IMPROVED METHODS FOR DETECTING AND MODULATING THE EMBRYONIC-FETAL TRANSITION IN MAMMALIAN SPECIES (62) 2017278931</p> <hr/> <p>(71) Agmind Research & Development Ltd. (21) 2023203683 (22) 13.06.2023 (54) Lifting systems for portable grain bins (31) 63/353,284 (32) 17.06.22 (33) US</p> <hr/> <p>(71) Algorand, Inc. (21) 2023203711 (22) 14.06.2023 (54) USING VIRTUAL BLOCKCHAIN PROTOCOLS TO IMPLEMENT A FAIR ELECTRONIC EXCHANGE (62) 2019396425</p> <hr/> <p>(71) Alloy Steel Australia (Int) Pty Ltd (21) 2023203786 (22) 16.06.2023 (54) FLEXIBLE WEAR PLATE FIXING DEVICE (31) 2022901843 (32) 30.06.22 (33) AU</p> <hr/> <p>(71) Allume Energy Pty Ltd (21) 2023203617 (22) 09.06.2023 (54) Behind-the-meter system and method for controlled distribution of solar energy in multi-unit buildings (62) 2018248073</p> <hr/> <p>(71) Alpine Immune Sciences, Inc. (21) 2023203586 (22) 08.06.2023</p>
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(54) CD80 variant immunomodulatory proteins and uses thereof
(62) 2017248830

(71) AMARIN PHARMACEUTICALS IRELAND LIMITED

(21) 2023203903 (22) 21.06.2023

(54) LOW ERUCTION COMPOSITION AND METHODS FOR TREATING AND/OR PREVENTING CARDIOVASCULAR DISEASE IN A SUBJECT WITH FISH ALLERGY/HYPERSENSITIVITY
(62) 2021200265

Amir, S. see LivePerson, Inc.

(21) 2023203685

(71) Animalhouse Ventures Inc.

(21) 2023203917 (22) 21.06.2023

(54) Method and system for providing lower body weight training fitness
(31) 17/808,461 (32) 23.06.22 (33) US

(71) Apple Inc.

(21) 2023203678 (22) 13.06.2023

(54) User interfaces for enabling an activity
(62) 2022202261

(71) Apple Inc.

(21) 2023203776 (22) 16.06.2023

(54) Displaying user interfaces associated with physical activities
(62) 2021266294

(71) ARB Labs Inc.

(21) 2023203965 (22) 23.06.2023

(54) Systems, methods and devices for monitoring gaming tables
(62) 2018285976

(71) ARCADYAN TECHNOLOGY CORPORATION

(21) 2023203689 (22) 13.06.2023

(54) 5G OUTDOOR UNIT HAVING HEAT DISSIPATION FUNCTION
(31) 111122228 (32) 15.06.22 (33) TW

(71) Aristocrat Technologies, Inc.

(21) 2023203873 (22) 20.06.2023

(54) SYSTEMS, APPARATUS, AND METHODS FOR UNLOCKING HIGHER RTP GAMES
(62) 2021202858

(71) Aristocrat Technologies Australia Pty Limited

(21) 2023203932 (22) 21.06.2023

(54) A METHOD OF GAMING, A GAME CONTROLLER AND A GAMING SYSTEM
(62) 2021201864

(71) Asahi Kasei Kabushiki Kaisha

(21) 2023203655 (22) 12.06.2023

(54) METHOD AND SYSTEM FOR AMMONIA RECOVERY

(31) 2022 095921 (32) 14.06.22 (33) JP
2022 095931 14.06.22 JP
2022 096021 14.06.22 JP

(71) Assa Abloy AB

(21) 2023203743 (22) 15.06.2023

(54) Ultra-wide band antenna configuration for physical access control system
(62) 2020356248

(71) Assa Abloy AB

(21) 2023203748 (22) 15.06.2023

(54) Physical access control systems with localization-based intent detection
(62) 2020247109

(71) ASSIA SPE, LLC

(21) 2023203630 (22) 09.06.2023

(54) Ergodic Spectrum Management systems and methods
(62) 2020229857

(71) AstraZeneca AB; Ionis Pharmaceuticals, Inc.

(21) 2023203779 (22) 16.06.2023

(54) GLP-1 RECEPTOR LIGAND MOIETY CONJUGATED OLIGONUCLEOTIDES AND USES THEREOF
(62) 2021240124

(71) Automatic Technology (Australia) Pty Ltd

(21) 2023203907 (22) 21.06.2023

(54) Track- or rail-mounted closure drive assembly
(62) 2019290032

Autonomous Solutions, Inc. see CNH Industrial America LLC

(21) 2023203706

(71) Barbulescu, D.

(21) 2023203766 (22) 15.06.2023

(54) Floating energy storage and hydrogen generation integrated with desalination and carbon dioxide removal by converting a ship into a solar plant with an expandable irradiation surface, energy storage, and inflatable sails.
(31) 2022901696 (32) 21.06.22 (33) AU

(71) Barjoh Pty Ltd

(21) 2023203783 (22) 16.06.2023

(54) Retrieval Trailer
(62) 2021203596

(71) BASF Agricultural Solutions Seed US LLC

(21) 2023203793 (22) 16.06.2023

(54) Canola hybrid variety AN22LR008

(71) BASF Agricultural Solutions Seed US LLC

(21) 2023203797 (22) 16.06.2023

(54) Canola hybrid variety AN22LR007

(71) Basso Industry Corp.

(21) 2023203590 (22) 08.06.2023

(54) Lifting gear assembly and electric nail gun having the same
(31) 111121456 (32) 09.06.22 (33) TW

(71) Bauer Maschinen GmbH

(21) 2023203843 (22) 19.06.2023

(54) DEVICE AND METHOD FOR REAMING A FLIGHT GAP OF A DRILL FLIGHT
(31) 22180485.9 (32) 22.06.22 (33) EP

(71) Baxter Healthcare SA; Baxter International Inc.

(21) 2023203835 (22) 19.06.2023

(54) SYSTEM AND METHOD FOR PERITONEAL DIALYSIS EXCHANGES HAVING REUSABLE ENERGIZING UNIT
(62) 2021202303

Baxter International Inc. see Baxter Healthcare SA

(21) 2023203835

(71) Becton, Dickinson and Company

(21) 2023203728 (22) 15.06.2023

(54) Securement dressing for vascular access device with skin adhesive application window
(62) 2017377911

(71) Beijing LongRuan Technologies, Inc.

(21) 2023203885 (22) 20.06.2023

(54) Mechanical Arm Type Measuring Robot Device And Application Method
(31) 202210928529.4 (32) 03.08.22 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.

(21) 2023203583 (22) 08.06.2023

(54) METHOD FOR TRAINING NEURAL NETWORK MODEL AND METHOD FOR GENERATING IMAGE
(31) 202210662178.7 (32) 13.06.22 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.

(21) 2023203859 (22) 20.06.2023

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(54) CONTROL SYSTEM, METHOD AND DEVICE FOR VEHICLE REDUNDANT POWER SUPPLY
(31) 202210785710.4 (32) 04.07.22 (33) CN

(71) BELL, P.
(21) 2023203589 (22) 08.06.2023
(54) OIL REMOVAL ASSEMBLY

Bertram, T.A. see Jain, D.
(21) 2023203923

(71) BHE Turbomachinery, LLC
(21) 2023203858 (22) 20.06.2023
(54) IMPROVED REVERSIBLE PUMP-TURBINE INSTALLATION
(62) 2018293589

(71) Biocompatibles UK Limited; The John Hopkins University
(21) 2023203719 (22) 14.06.2023
(54) Radioactive microspheres for the treatment of CNS tumours
(62) 2020237477

(71) BioVentures, LLC
(21) 2023203800 (22) 16.06.2023
(54) Linear lipopeptide paenipeptins and methods of using the same
(62) 2018312110

(71) Bluewater Rise Investments Limited
(21) 2023203864 (22) 20.06.2023
(54) A Container Apparatus and a Container Mounting Collar
(62) 2018348585

(71) BNSF RAILWAY COMPANY
(21) 2023203985 (22) 23.06.2023
(54) SYSTEM AND METHOD FOR RAILROAD TIE MANAGEMENT
(62) 2021401740

(71) Bonatrans Group A.S.
(21) 2023203629 (22) 09.06.2023
(54) Axle for rail vehicles
(62) 2017293982

(71) Boston Scientific Neuromodulation Corporation
(21) 2023203745 (22) 15.06.2023
(54) User-weighted closed loop adjustment of neuromodulation treatment
(62) 2020233573

(71) Boston Scientific Scimed, Inc.
(21) 2023203577 (22) 08.06.2023
(54) Devices to access peripheral regions of the lung for direct visualization with tool attachment
(62) 2020278580

(71) Boyle, N.
(21) 2023203960 (22) 22.06.2023
(54) APPARATUS, METHODS AND SYSTEMS FOR FOOD WASTE RECYCLING
(62) 2021204513

(71) Brady Worldwide, Inc.
(21) 2023203771 (22) 16.06.2023
(54) Multicable lockout device
(31) 63/356,800 (32) 29.06.22 (33) US

(71) Brane Cognitives Pte. Ltd.
(21) 2023203892 (22) 20.06.2023
(54) Natural solution language
(62) 2020205593

(71) Breville Pty Limited
(21) 2023203574 (22) 08.06.2023
(54) Slow cooker
(62) 2017276807

(71) BRISTOL-MYERS SQUIBB COMPANY
(21) 2023203695 (22) 14.06.2023
(54) MACROCYCLES WITH HETROCYCLIC P2' GROUPS AS FACTOR XIA INHIBITORS
(62) 2021203968

(71) Building Group Pty Ltd
(21) 2023203956 (22) 22.06.2023
(54) A connector for securing a component to a support

(71) Bytemark, Inc.
(21) 2023203911 (22) 21.06.2023
(54) Methods and systems for hands-free fare validation and gateless transit
(62) 2018414521

(71) C. R. Bard, Inc.
(21) 2023203963 (22) 23.06.2023
(54) Catheter insertion tray with integrated instructions
(62) 2017409008

(71) Calico Life Sciences LLC; AbbVie Inc.
(21) 2023203860 (22) 20.06.2023
(54) MODULATORS OF THE INTEGRATED STRESS PATHWAY
(62) 2018360853

(71) Capital One Services, LLC
(21) 2023203948 (22) 22.06.2023
(54) Contextual tapping engine
(62) 2020241824

(71) Capital One Services, LLC
(21) 2023203952 (22) 22.06.2023

(54) Steganographic image encoding of biometric template information on a card
(62) 2020414359

(71) Caretech Services Pty Ltd
(21) 2023203676 (22) 13.06.2023
(54) A platform and system for use in therapeutic procedures
(62) 2019220922

(71) Castle Fit Corporation
(21) 2023203710 (22) 14.06.2023
(54) MULTIMODAL FITNESS BAR
(31) 17/840,519 (32) 14.06.22 (33) US

(71) CATERPILLAR PAVING PRODUCTS INC.
(21) 2023203724 (22) 14.06.2023
(54) REMOTE MANAGEMENT OF MACHINE BASED ON DIFFERENT MACHINE TASK PROGRESS
(31) 17/858,760 (32) 06.07.22 (33) US

(71) CFPH, LLC
(21) 2023203593 (22) 08.06.2023
(54) SYSTEM FOR PEER-TO-PEER WIRELESS GAMING
(62) 2021203137

(71) CFPH, LLC
(21) 2023203661 (22) 13.06.2023
(54) GAME ACCOUNT ACCESS DEVICE
(62) 2021201878

(71) CFPH, LLC
(21) 2023203940 (22) 22.06.2023
(54) DIGITAL COMPUTING AND PROCESSING SYSTEMS INVOLVING INTERPROGRAM OR INTERPROCESS COMMUNICATION REGARDING RISK IN AMUSEMENT DEVICES
(62) 2021204069

(71) Chaouk, M.
(21) 2023203887 (22) 20.06.2023
(54) HYDRO-ELECTRIC SYSTEM AND METHOD
(31) 2022901906 (32) 07.07.22 (33) AU

(71) CH Biotech R&D Co., Ltd.
(21) 2023203919 (22) 21.06.2023
(54) Composition for Enhancing Nitrogen Assimilation in Plants
(31) 18/119,941 (32) 10.03.23 (33) US

(71) Chem-Dry, Inc.
(21) 2023203973 (22) 23.06.2023
(54) STAIN AND ODOR TREATMENT
(62) 2021204239

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<p>(71) Chiyoda Corporation (21) 2023203898 (22) 20.06.2023 (54) Method For Managing Plant, Plant Design Device, And Plant Management Device (62) 2020461851</p>	<p>(71) CrazeWeld LLC (21) 2023203926 (22) 21.06.2023 (54) Purge stand (31) 17/846,233 (32) 22.06.22 (33) US</p>	<p>(71) Deere & Company (21) 2023203979 (22) 23.06.2023 (54) Automatic vehicle and conveyor positioning (62) 2017204577</p>
<p>(71) Chr. Hansen HMO GmbH (21) 2023203977 (22) 23.06.2023 (54) Process for purifying sialylated oligosaccharides (62) 2018322785</p>	<p>(71) CURTIS, M. (21) 2023203639 (22) 09.06.2023 (54) Precast Concrete Panels used as Surface Lining of Perimeter Surfaces of Excavations (62) 2016204976</p>	<p>(71) Doka GmbH (21) 2023203707 (22) 14.06.2023 (54) Method for erecting a concrete structure and climbing formwork (62) 2018223908</p>
<p>(71) Clinicomp International, Inc. (21) 2023203735 (22) 15.06.2023 (54) Method and system for adapting programs for interoperability and adapters therefor (62) 2022204388</p>	<p>(71) CyDex Pharmaceuticals, Inc. (21) 2023203660 (22) 13.06.2023 (54) Formulations containing acetaminophen and sulfoalkyl ether cyclodextrin (62) 2017326519</p>	<p>(71) Dolby International AB; Dolby Laboratories Licensing Corporation (21) 2023203584 (22) 08.06.2023 (54) Audio encoding and decoding using presentation transform parameters (62) 2021203143</p>
<p>(71) CNH Industrial America LLC; Autonomous Solutions, Inc. (21) 2023203706 (22) 14.06.2023 (54) Autoscaling rows of travel for an off-road vehicle (62) 2017277801</p>	<p>(71) Daiichi Sankyo Company, Limited (21) 2023203615 (22) 09.06.2023 (54) Improved method for producing antibody-drug conjugate (62) 2018327171</p>	<p>(71) Dolby International AB (21) 2023203838 (22) 19.06.2023 (54) Method and device for rendering an audio soundfield representation for audio playback (62) 2021203484</p>
<p>(71) CN Tech (21) 2023203648 (22) 10.06.2023 (54) Pile Extractor for removing driven metal piles (31) 2023901390 (32) 08.05.23 (33) AU</p>	<p>(71) DAREX, LLC (21) 2023203631 (22) 09.06.2023 (54) UTILITY BLADES AND COMBINATION BLADE HOLDERS (31) 17/856,147 (32) 01.07.22 (33) US</p>	<p>(71) Dolby International AB (21) 2023203912 (22) 21.06.2023 (54) Integration of high frequency reconstruction techniques with reduced post-processing delay (62) 2021277708</p>
<p>(71) Corium, LLC. (21) 2023203613 (22) 09.06.2023 (54) TRANSDERMAL DELIVERY SYSTEMS WITH PHARMACOKINETICS BIOEQUIVALENT TO ORAL DELIVERY (62) 2017302305</p>	<p>(71) DAREX, LLC (21) 2023203633 (22) 09.06.2023 (54) KNIFE WITH SLIDING GEAR (31) 17/856,102 (32) 01.07.22 (33) US</p>	<p>(71) Dolby International AB (21) 2023203942 (22) 22.06.2023 (54) Improved Harmonic Transposition (62) 2022291476</p>
<p>(71) Corium, LLC. (21) 2023203616 (22) 09.06.2023 (54) SODIUM BICARBONATE IN SITU CONVERSION DRIVEN TRANSDERMAL DELIVERY OF AMINE DRUG (62) 2017302307</p>	<p>(71) Deere & Company (21) 2023203587 (22) 08.06.2023 (54) Seed dispersion unit (62) 2021202599</p>	<p>Dolby Laboratories Licensing Corporation see Dolby International AB (21) 2023203584</p>
<p>(71) Corium, LLC. (21) 2023203618 (22) 09.06.2023 (54) TRANSDERMAL FORMULATION AND DELIVERY METHOD OF LOW SOLUBILITY OR UNSTABLE UNIONIZED NEUTRAL DRUGS BY IN SITU SALT-TO-NEUTRAL DRUG CONVERSION OF SALT DRUG (62) 2017302306</p>	<p>(71) Deere & Company (21) 2023203602 (22) 09.06.2023 (54) Harvester unloading control system (31) 17/860,396 (32) 08.07.22 (33) US</p>	<p>(71) Dolby Laboratories Licensing Corporation (21) 2023203814 (22) 19.06.2023 (54) Image reshaping in video coding using rate distortion optimization (62) 2021282439</p>
<p>(71) Cornell University (21) 2023203581 (22) 08.06.2023 (54) Double targeted constructs to affect tumor kill (62) 2017281364</p>	<p>(71) Deere & Company (21) 2023203730 (22) 15.06.2023 (54) Crop bale wrap delivery system and method (31) 17/860,534 (32) 08.07.22 (33) US</p>	<p>(71) Dynex Extrusions Limited (21) 2023203857 (22) 20.06.2023 (54) CLADDING (31) 789489 (32) 20.06.22 (33) NZ</p>
<p>(71) Deere & Company (21) 2023203736 (22) 15.06.2023 (54) Radar based cutting height system for a sugarcane harvester (31) 17/863,618 (32) 13.07.22 (33) US</p>	<p>(71) Deere & Company (21) 2023203736 (22) 15.06.2023 (54) Sealing element for prosthetic heart valve (62) 2021204539</p>	<p>(71) Edwards Lifesciences Corporation (21) 2023203723 (22) 14.06.2023 (54) Sealing element for prosthetic heart valve (62) 2021204539</p>

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(71) Edwards Lifesciences Corporation
(21) 2023203729 (22) 15.06.2023
(54) Heart valve sealing devices and delivery devices therefor
(62) 2018255337

(71) EKK Holdings Pty Limited
(21) 2023203854 (22) 19.06.2023
(54) A GUARD RAIL ASSEMBLY AND METHOD OF USE THEREOF
(31) 2023901215 (32) 24.04.23 (33) AU
(62) PCT/AU2021/051467

(71) Elanco US Inc.
(21) 2023203627 (22) 09.06.2023
(54) A 7H-pyrrolo[2,3-d]pyrimidine JAK-inhibitor
(62) 2020262100

(71) Entos Pharmaceuticals Inc.
(21) 2023203737 (22) 15.06.2023
(54) Methods for diagnosing and treating metastatic cancer
(62) 2017285726

(71) Equifax Inc.
(21) 2023203714 (22) 14.06.2023
(54) Model integration tool
(62) 2021273576

(71) Faresin Industries S.p.a.; Universita' Degli Studi Di Padova
(21) 2023203603 (22) 09.06.2023
(54) Process for cutting a forage for animal feed
(31) 102022000012275 (32) 09.06.22 (33) IT

(71) Fate Therapeutics, Inc.
(21) 2023203874 (22) 20.06.2023
(54) Methods and compositions for inducing hematopoietic cell differentiation
(62) 2016348342

(71) Fenestration Solutions Australia Pty Ltd
(21) 2023203597 (22) 08.06.2023
(54) A Jamb liner and jamb liner assembly
(62) 2019205018

(71) Fisher & Paykel Healthcare Limited
(21) 2023203626 (22) 09.06.2023
(54) CONNECTORS FOR CONDUITS
(62) 2022231700

(71) Fisher & Paykel Healthcare Limited
(21) 2023203654 (22) 12.06.2023
(54) VALVE WITH INTERNAL MEMBER
(62) 2021203546

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2023203958 (22) 22.06.2023

(54) Connections for Humidification System
(62) 2021203674

(71) Five Eleven Pharma Inc.
(21) 2023203682 (22) 13.06.2023
(54) Urea-based prostate specific membrane antigen (PSMA) inhibitors for imaging and therapy
(62) 2016380151

(71) ForSight Vision6, Inc.
(21) 2023203698 (22) 14.06.2023
(54) ACCOMMODATING INTRAOCULAR LENS AND METHODS OF IMPLANTATION
(62) 2017350903

(71) Foshan Shunde Helper Electric Technology Co., Ltd
(21) 2023203681 (22) 13.06.2023
(54) MICROWAVE BAKING PAN WITH FULLY-ENCLOSED STRUCTURE
(31) 202321260738.2 (32) 23.05.23 (33) CN

(71) FRANTZ DESIGN INCORPORATED
(21) 2023203694 (22) 14.06.2023
(54) AN ADJUSTABLE THERMOPLASTIC DENTAL APPLIANCE SYSTEM AND METHOD
(31) 17/892,118 (32) 22.08.22 (33) US
18/144,035 05.05.23 US

(71) Fujitsu General Limited
(21) 2023203579 (22) 08.06.2023
(54) Servicing proposal period adjustment device and air conditioning system
(62) 2019427596

(71) GEMA S.r.l.
(21) 2023203861 (22) 20.06.2023
(54) Partition Wall for Commercial Vehicles
(62) 2017328469

(71) GEMA S.r.l.
(21) 2023203862 (22) 20.06.2023
(54) Partition Wall for Commercial Vehicles
(62) 2017328469

(71) GEMA S.r.l.
(21) 2023203863 (22) 20.06.2023
(54) Partition Wall for Commercial Vehicles
(62) 2017328469

(71) Genzyme Corporation
(21) 2023203734 (22) 15.06.2023
(54) Seed train processes and uses thereof
(62) 2021245116

(71) GE Video Compression, LLC
(21) 2023203785 (22) 16.06.2023

(54) Entropy coding of motion vector differences
(62) 2022235513

(71) Glide-Tec Pty Ltd
(21) 2023203774 (22) 16.06.2023
(54) Sweeper Apparatus
(31) 2022901650 (32) 17.06.22 (33) AU

(71) Global Algae Technology, LLC
(21) 2023203608 (22) 09.06.2023
(54) Biological and algae harvesting and cultivation systems and methods
(62) 2016406360

(71) Globeride, Inc.
(21) 2023203916 (22) 21.06.2023
(54) FISHING REEL AND ONE-WAY CLUTCH
(31) 2022-135548 (32) 29.08.22 (33) JP

(71) GRANGER
(21) 2023203684 (22) 13.06.2023
(54) VERSATILE SYSTEM EQUIPPED WITH A PAIR OF MECHANISMS WITH ECCENTRIC ELEMENTS CAPABLE OF MOVING IN ROTATION
(31) 2206237 (32) 23.06.22 (33) FR

(71) Greenworks (Jiangsu) Co., Ltd
(21) 2023203752 (22) 15.06.2023
(54) HEDGE TRIMMER
(31) 202221578064.6 (32) 22.06.22 (33) CN

Griffith Hack see Rapoport, B.
(21) 2023203744

Griffith Hack see Milwaukee Electric Tool Corporation
(21) 2023203750

(71) Guangdong Eagler Geological Equipment Technology Co., Ltd
(21) 2023203614 (22) 09.06.2023
(54) BALL-CLAMP TYPE FALL ARRESTER FOR DRILL PIPE
(31) 202210665592.3 (32) 13.06.22 (33) CN

(71) Guangdong Eagler Geological Equipment Technology Co., Ltd
(21) 2023203847 (22) 19.06.2023
(54) INNER TUBE ASSEMBLY OF DRILL TOOL AND ROPE CORING DRILL TOOL THEREOF
(31) 202211733135.X (32) 30.12.22 (33) CN

(71) GUANGZHOU TUSUNNY HOME PRODUCTS CO., LTD.
(21) 2023203975 (22) 23.06.2023
(54) RETRACTABLE DOOR BAR

Complete Applications Filed - Name Index cont'd

(71) GyroGear Limited (21) 2023203849 (22) 19.06.2023 (54) TREMOR STABILISATION APPARATUS AND METHOS (62) 2021203420	(54) METHOD OF PRODUCING COLLAGEN (31) PI2023002999 (32) 19.05.23 (33) MY	(71) Illinois Tool Works Inc. (21) 2023203665 (22) 13.06.2023 (54) Concrete slab load transfer and connection apparatus (31) 63/352,003 (32) 14.06.22 (33) US 63/410,479 27.09.22 US 18/332,384 09.06.23 US
(71) Halter USA Inc (21) 2023203697 (22) 14.06.2023 (54) APPARATUS AND METHOD FOR CONTROLLING ANIMAL POSITIONS (62) 2019240270	(71) HONEYWELL INTERNATIONAL INC. (21) 2023203927 (22) 21.06.2023 (54) OUTSOLE FOR A FOOTWEAR ARTICLE (31) 17/810553 (32) 01.07.22 (33) US	(71) Illumina, Inc. (21) 2023203725 (22) 14.06.2023 (54) Illumination for fluorescence imaging using objective lens (62) 2021203819
(71) Hanwha Azdel, Inc. (21) 2023203699 (22) 14.06.2023 (54) PREPREGS, CORES AND COMPOSITE ARTICLES INCLUDING EXPANDABLE GRAPHITE MATERIALS (62) 2021203545	(71) HONEYWELL INTERNATIONAL INC. (21) 2023203981 (22) 23.06.2023 (54) ADJUSTABLE INSOLE FOR A FOOTWEAR ARTICLE (31) 17/812,972 (32) 15.07.22 (33) US	(71) Impossible Foods Inc. (21) 2023203720 (22) 14.06.2023 (54) Methods and compositions for consumables (62) 2021200365
(71) HATKO KAUCUK ANONIM SIRKETI (21) 2023203836 (22) 19.06.2023 (54) SOUND BARRIER (31) 2022/011688 (32) 22.07.22 (33) TR	(71) Huawei Technologies Co., Ltd. (21) 2023203591 (22) 08.06.2023 (54) Display method and apparatus (62) 2021209226	(71) Infineum International Limited (21) 2023203643 (22) 09.06.2023 (54) LUBRICATING OIL COMPOSITIONS (31) 22183288.4 (32) 06.07.22 (33) EP
(71) Healthall Laboratory, Inc. (21) 2023203924 (22) 21.06.2023 (54) Superabsorbent materials and methods of making the same (62) 2019316654	(71) HUDSON, D. (21) 2023203950 (22) 22.06.2023 (54) EXTRACTOR FOR FOREST SILVICULTURE (31) 789723 (32) 23.06.22 (33) NZ	(71) InfraBuild Wire Pty Limited (21) 2023203653 (22) 12.06.2023 (54) Rail Clamp (31) 2022901711 (32) 22.06.22 (33) AU
(71) Henan Tianyi Intelligent Information Co., Ltd (21) 2023203899 (22) 20.06.2023 (54) A real-time transmission method for cardiovascular detection data (31) 202210880777.6 (32) 26.07.22 (33) CN	(71) Hussmann Corporation (21) 2023203947 (22) 22.06.2023 (54) REFRIGERATED MERCHANDISER (31) 63/354,508 (32) 22.06.22 (33) US	(71) INNOVATIVE ALTERNATIVES PTY LTD (21) 2023203900 (22) 20.06.2023 (54) FORMWORK MOVING SYSTEM
(71) Herrington, H. (21) 2023203623 (22) 09.06.2023 (54) A Seedling Guard (31) 2022901581 (32) 09.06.22 (33) AU 2022903811 13.12.22 AU 2023901435 11.05.23 AU	Icahn School of Medicine at Mount Sinai see Abiomed, Inc. (21) 2023203667	(71) INOSYSTEMS (21) 2023203768 (22) 16.06.2023 (54) DISPLAY OF THE NO DOSE BY AN NO SUPPLY DEVICE IN PAUSE MODE (31) 2206335 (32) 24.06.22 (33) FR
(71) Hisense Ronshen (Guangdong) Refrigerator Co., Ltd. (21) 2023203620 (22) 09.06.2023 (54) REFRIGERATOR (62) 2020341603	(71) ICU Medical, Inc. (21) 2023203762 (22) 15.06.2023 (54) Sanitizing caps for medical connectors (62) 2017341782	(71) InstaBar Pty Ltd (21) 2023203839 (22) 19.06.2023 (54) A Truly Portable Folding Bar
(71) Hitachi Energy Switzerland AG (21) 2023203713 (22) 14.06.2023 (54) Data exchange and processing synchronization in distributed systems (62) 2020406229	(71) Iglou Products Corp. (21) 2023203756 (22) 15.06.2023 (54) Insulated container (31) 63/353,281 (32) 17.06.22 (33) US	(71) Integra LifeSciences Enterprises, LLLP (21) 2023203883 (22) 20.06.2023 (54) Ultrasonic surgical handpiece (62) 2017362062
(71) Holiata Colltech Limited (21) 2023203657 (22) 12.06.2023	(71) IGT (21) 2023203980 (22) 23.06.2023 (54) UPGRADE SYMBOL COLLECTION FOR SKILL-BASED GAMES IN A GAMING SYSTEM (62) 2018267658	(71) Integrity Implants Inc. (21) 2023203798 (22) 16.06.2023 (54) Expandable intervertebral fusion device (62) 2018207289
	(71) IHI Corporation (21) 2023203955 (22) 22.06.2023 (54) Learning device and boiler control system (62) 2020217528	(71) Intermetro Industries Corporation (21) 2023203621 (22) 09.06.2023 (54) Shelving and storage system having adjustable heated shelves (62) 2021244221

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(71) Intermetro Industries Corporation
(21) 2023203622 (22) 09.06.2023
(54) Shelving and storage system having adjustable heated shelves
(62) 2021244221

(71) Intuit Inc.
(21) 2023203778 (22) 16.06.2023
(54) Systems and methods for blocking decryption capabilities in symmetric key encryption
(31) 18/066,868 (32) 15.12.22 (33) US

(71) INVOC LIMITED
(21) 2023203788 (22) 16.06.2023
(54) An Electrical Distribution Enclosure

Ionis Pharmaceuticals, Inc. see AstraZeneca AB
(21) 2023203779

(71) J & S Joyce Pty Ltd
(21) 2023203733 (22) 15.06.2023
(54) Improvements in building construction
(62) 2022259853

(71) Jain, D.; Bertram, T.A.
(21) 2023203923 (22) 21.06.2023
(54) Bioactive renal cells for the treatment of chronic kidney disease
(62) 2016417160

(71) JCB Research
(21) 2023203888 (22) 20.06.2023
(54) AN INTAKE ASSEMBLY
(31) GB2209322.3 (32) 24.06.22 (33) GB
GB2209323.1 24.06.22 GB

(71) JCM American Corporation
(21) 2023203844 (22) 19.06.2023
(54) DEVICE, SYSTEM, AND METHOD FOR FACILITATING COMMUNICATIONS BETWEEN ELECTRONIC GAMING MACHINES AND MOBILE DEVICES
(62) 2017408346

(71) Jinko Green Energy (Shanghai) Management Co., LTD.; Zhejiang Jinko Solar Co., Ltd.
(21) 2023203634 (22) 09.06.2023
(54) SOLAR CELL AND METHOD FOR PRODUCING SAME
(62) 2022202235

(71) Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
(21) 2023203632 (22) 09.06.2023

(54) SOLAR CELL, METHOD FOR PREPARING SOLAR CELL, AND PHOTO-VOLTAIC MODULE
(31) 202310440972.1 (32) 21.04.23 (33) CN

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2023203897

(71) John Hadad, M.
(21) 2023203881 (22) 20.06.2023
(54) JAMB ASSEMBLIES AND METHODS FOR INSTALLING JAMB ASSEMBLIES
(31) 2022901778 (32) 27.06.22 (33) AU

(71) Joy Global Underground Mining LLC
(21) 2023203767 (22) 15.06.2023
(54) Cutting device and support for same
(62) 2017312142

(71) Juul Labs, Inc.
(21) 2023203592 (22) 08.06.2023
(54) CALIBRATED DOSE CONTROL
(62) 2021218151

(71) Kapsul Tech Corp.
(21) 2023203686 (22) 13.06.2023
(54) Protective articles and methods thereof
(62) 2018263385

(71) Karcher North America, Inc.
(21) 2023203855 (22) 19.06.2023
(54) FLOOR TREATMENT APPARATUS
(62) 2020211414

(71) Kim, J.
(21) 2023203901 (22) 20.06.2023
(54) MICROALGAE INCUBATOR FOR PRODUCTION OF BIOFUEL
(62) 2021204420

(71) King Cho Machinery Industrial Co., Ltd.
(21) 2023203659 (22) 13.06.2023
(54) Connector of grease gun
(31) 112203592 (32) 18.04.23 (33) TW

(71) Knight, M.; Lord, D.
(21) 2023203806 (22) 16.06.2023
(54) A tape measure
(31) 2022901659 (32) 17.06.22 (33) AU

(71) Komatsu Ltd.
(21) 2023203740 (22) 15.06.2023
(54) Construction method, work machine control system, and work machine
(62) 2021201940

Koninklijke Nederlandse Akademie van Wetenschappen see Stichting Hubrecht Organoid Technology

(21) 2023203677

Konky, G. see LivePerson, Inc.
(21) 2023203685

(71) Kuiu, LLC
(21) 2023203822 (22) 19.06.2023
(54) Jacket with detachable hood
(31) 17/854,708 (32) 30.06.22 (33) US

(71) Lam, T.T.
(21) 2023203693 (22) 13.06.2023
(54) MULTI SPEED GEAR TRANSMISSION

(71) Lancer Corporation
(21) 2023203802 (22) 16.06.2023
(54) MIXER ASSEMBLY REMOVABILITY ARRANGEMENTS FOR HAND-HELD BEVERAGE DISPENSERS
(31) 63/353,579 (32) 18.06.22 (33) US

(71) Lancer Corporation
(21) 2023203878 (22) 20.06.2023
(54) HAND-HELD BEVERAGE DISPENSER
(31) 63/353,806 (32) 20.06.22 (33) US

(71) Lanova Medicines Development Co., Ltd.
(21) 2023203704 (22) 14.06.2023
(54) Anti-GPRC5D monoclonal antibodies and uses thereof
(62) 2022201736

Lavion, A. see Zimmerman, L.
(21) 2023203731

(71) Lazurite Holdings LLC
(21) 2023203770 (22) 16.06.2023
(54) Wireless medical imaging system
(62) 2021206892

(71) Lee, H.
(21) 2023203943 (22) 22.06.2023
(54) MOBILE ELECTRIC LEAKAGE DETECTION DEVICE AND METHOD
(62) 2021204242

(71) Leica Geosystems AG
(21) 2023203637 (22) 09.06.2023
(54) Reality capture with a laser scanner and a camera
(62) 2019410856

(71) LG Electronics Inc.
(21) 2023203757 (22) 15.06.2023
(54) Laundry treating apparatus
(62) 2021201041

Complete Applications Filed - Name Index cont'd

- (71) LG Electronics Inc.
(21) 2023203790 (22) 16.06.2023
(54) METHOD FOR TRANSFORM-BASED IMAGE CODING AND APPARATUS THEREFOR
(62) 2020376686
-
- (71) LG Electronics Inc.
(21) 2023203929 (22) 21.06.2023
(54) Cleaner
(62) 2021206874
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- (71) LG Electronics Inc.
(21) 2023203969 (22) 23.06.2023
(54) REFRIGERATOR AND CONTROL METHOD THEREFOR
(62) 2019354473
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- (71) LG Electronics Inc.
(21) 2023203978 (22) 23.06.2023
(54) REFRIGERATOR AND METHOD FOR CONTROLLING SAME
(62) 2019353487
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- (71) LG ELECTRONICS INC.
(21) 2023203600 (22) 09.06.2023
(54) LAUNDRY TREATING APPARATUS
(62) 2021201089
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- (71) LG ELECTRONICS INC.
(21) 2023203611 (22) 09.06.2023
(54) REFRIGERATOR
(62) 2021203494
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- (71) LG ELECTRONICS INC.
(21) 2023203777 (22) 16.06.2023
(54) LAUNDRY TREATING APPARATUS
(62) 2021201090
-
- (71) LG ELECTRONICS INC.
(21) 2023203946 (22) 22.06.2023
(54) Laundry treatment apparatus
(62) 2021201073
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- (71) LifeCORE Fitness, Inc.
(21) 2023203925 (22) 21.06.2023
(54) Exercise treadmill
(62) 2018378042
-
- (71) Lineage Logistics, LLC
(21) 2023203645 (22) 09.06.2023
(54) OPTIMIZING PALLET LOCATION IN A WAREHOUSE
(62) 2020389130
-
- (71) LiquidStack Holding B.V
(21) 2023203760 (22) 15.06.2023
(54) Hot swap condenser for immersion cooling
(62) 2020383018
-
- (71) LivePerson, Inc.; Ron, O.; Vanounou, E.; Konky, G.; Amir, S.
(21) 2023203685 (22) 13.06.2023
(54) Dynamic response prediction for improved bot task processing
(62) 2022203284
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- (71) Loam Bio Pty Ltd
(21) 2023203976 (22) 23.06.2023
(54) INHIBITION OF METHANE PRODUCTION IN RUMINANTS
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- Lord, D. see Knight, M.**
(21) 2023203806
-
- (71) Magic Leap, Inc.
(21) 2023203920 (22) 21.06.2023
(54) Virtual and augmented reality systems and methods
(62) 2022246404
-
- (71) Mahindra & Mahindra Limited
(21) 2023203868 (22) 20.06.2023
(54) A DIESEL EXHAUST FLUID TANK ASSEMBLY
(31) 202241035615 (32) 21.06.22 (33) IN
-
- (71) MAKO Surgical Corp.
(21) 2023203914 (22) 21.06.2023
(54) Systems and methods for generating customized haptic boundaries
(62) 2021290300
-
- (71) Malta Inc.
(21) 2023203619 (22) 09.06.2023
(54) Storage of excess heat in cold side of heat engine
(62) 2021200470
-
- (71) MARKOVIC, M.
(21) 2023203866 (22) 20.06.2023
(54) A SYSTEM AND METHOD FOR PROVIDING MEDIA CONTENT
-
- Massachusetts Institute of Technology see Abiomed, Inc.**
(21) 2023203674
-
- Matthews, K. see Walker, J.**
(21) 2023203867
-
- (71) Maxeon Solar Pte. Ltd.
(21) 2023203906 (22) 21.06.2023
(54) Laser assisted metallization process for solar cell stringing
(62) 2019249270
-
- (71) Merits Health Products Co., Ltd.
(21) 2023203582 (22) 08.06.2023
(54) Calf rest and support structure of wheelchair
(31) 112114347 (32) 18.04.23 (33) TW
-
- (71) Milwaukee Electric Tool Corporation; Griffith Hack
(21) 2023203750 (22) 15.06.2023
(54) MOTOR WINDING DESIGN FOR AN ELECTRIC MOTOR
(62) 2019390482
-
- (71) MILWAUKEE ELECTRIC TOOL CORPORATION
(21) 2023203875 (22) 20.06.2023
(54) BATTERY PACK
(31) 63/354,032 (32) 21.06.22 (33) US
63/430,520 06.12.22 US
-
- (71) Minetec S.A.
(21) 2023203700 (22) 14.06.2023
(54) SNUBBER FOR EXCAVATOR BUCKET DOOR
(31) 202201620 (32) 15.06.22 (33) CL
-
- (71) Monsanto Technology LLC
(21) 2023203877 (22) 20.06.2023
(54) Seed sorting
(62) 2019284358
-
- (71) Moore, R.
(21) 2023203893 (22) 20.06.2023
(54) VIBRATION ABSORBING RACK FOR ELECTRONICS
(31) 2022901683 (32) 20.06.22 (33) AU
-
- (71) Mor Designs Ltd.
(21) 2023203886 (22) 20.06.2023
(54) Grill
(31) 202320763808.X (32) 04.04.23 (33) CN
-
- (71) Nakamura, K.
(21) 2023203804 (22) 16.06.2023
(54) Taxi dispatch control system and method for taxi dispatching
(62) 2021201920
-
- (71) National University of Ireland, Galway
(21) 2023203974 (22) 23.06.2023
(54) Devices, systems, and methods for specializing, monitoring, and/or evaluating therapeutic nasal neuromodulation
(62) 2017357869
-
- (71) Natural Ocean Well Co.
(21) 2023203891 (22) 20.06.2023
(54) BRINE DISPERSAL SYSTEM
(62) 2018219332

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(71) Netflix, Inc.
(21) 2023203816 (22) 19.06.2023
(54) Attack mitigation in a packet-switched network
(62) 2020299385

(71) Nicoventures Trading Limited
(21) 2023203968 (22) 23.06.2023
(54) Aerosol provision device
(62) 2020235035

(71) NKT HV Cables AB
(21) 2023203781 (22) 16.06.2023
(54) Method for connecting conductors in a prefabricated cable accessory
(31) 22180428.9 (32) 22.06.22 (33) EP

(71) Nokia Technologies Oy
(21) 2023203794 (22) 16.06.2023
(54) Reporting beam failure
(62) 2019351162

(71) Nokia Technologies Oy
(21) 2023203813 (22) 19.06.2023
(54) User data transport over control plane in communication system using designated payload container types
(62) 2020322086

(71) Non-Conductive Spigots Pty Ltd
(21) 2023203732 (22) 15.06.2023
(54) IMPROVED GLASS FENCE SPIGOT
(31) 2022901642 (32) 16.06.22 (33) AU

Nortje, B.E. see Viljoen, A.J.J.
(21) 2023203936

(71) Novartis AG
(21) 2023203716 (22) 14.06.2023
(54) METHODS FOR TREATING OCULAR SURFACE PAIN
(62) 2020222348

(71) Novartis AG
(21) 2023203751 (22) 15.06.2023
(54) PHARMACEUTICAL COMBINATION COMPRISING TNO155 AND RIBOCICLIB
(62) 2020222296

(71) Novartis AG
(21) 2023203933 (22) 21.06.2023
(54) Formulations of 4-(7-hydroxy-2-isopropyl-4-oxo-4H-quinazolin-3-yl)-benzotriazole
(62) 2020220957

NOVOCURE GmbH see THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
(21) 2023203605

(71) Nuheara IP Pty Ltd
(21) 2023203651 (22) 12.06.2023
(54) A HEARING ASSISTANCE SYSTEM
(62) 2018267697

(71) Ocado Innovation Limited
(21) 2023203708 (22) 14.06.2023
(54) A Storage System
(62) 2020264742

(71) Ocado Innovation Limited
(21) 2023203787 (22) 16.06.2023
(54) Storage systems and methods
(62) 2017347684

(71) Ocado Innovation Limited
(21) 2023203792 (22) 16.06.2023
(54) CONTAINER-MANOEUVRING APPARATUS
(62) 2019380566

(71) OHFG TECHNOLOGIES (SHANGHAI) CO., LTD
(21) 2023203799 (22) 16.06.2023
(54) ADJUSTABLE DUMBBELL
(31) 202310662407.X (32) 06.06.23 (33) CN

(71) OLYMPUS Winter & Ibe GmbH
(21) 2023203789 (22) 16.06.2023
(54) ADAPTER FOR CONNECTING AN ENDOSCOPE WITH AN AIR SUPPLY CONNECTOR OF A STORAGE CABINET, STORAGE CABINET, ENDOSCOPE STORAGE SYSTEM AND METHODS FOR CONNECTING AND DISCONNECTING AN ADAPTER TO A STORAGE CABINET
(31) 63/429,251 (32) 01.12.22 (33) US

(71) OLYMPUS Winter & Ibe GmbH
(21) 2023203795 (22) 16.06.2023
(54) CONTAINER CONFIGURED FOR STORAGE AND/OR TRANSPORT OF A DISINFECTED SURGICAL INSTRUMENT, METHOD OF MANUFACTURING A CONTAINER, SYSTEM AND METHOD FOR HANDLING OF A SURGICAL INSTRUMENT
(31) 63/397,443 (32) 12.08.22 (33) US

(71) Organovo, Inc.
(21) 2023203575 (22) 08.06.2023
(54) Engineered liver tissues, arrays thereof, and methods of making the same
(62) 2019203265

(71) Oxford Genetics Limited
(21) 2023203856 (22) 19.06.2023
(54) Promoter
(62) 2017225350

(71) Philp, G.
(21) 2023203705 (22) 14.06.2023
(54) CORNICE SUPPORT

(71) Pitcher, S.N.; Purser, D.C.
(21) 2023203576 (22) 08.06.2023
(54) Anaerobic antioxidant composition
(62) 2021201861

(71) Plim, A.
(21) 2023203841 (22) 19.06.2023
(54) Bracket system for joining

(71) Portelli, T.
(21) 2023203718 (22) 14.06.2023
(54) Animal Bedding that removes odour

(71) Pride Mobility Products Corporation
(21) 2023203610 (22) 09.06.2023
(54) ELEVATED HEIGHT WHEELCHAIR
(62) 2020200761

(71) Proex Food, LLC
(21) 2023203934 (22) 22.06.2023
(54) FOOD IMAGING AND PROCESSING SYSTEMS AND METHODS
(31) 63/476,526 (32) 21.12.22 (33) US
18/169,331 15.02.23 US

(71) Purdy, C.
(21) 2023203641 (22) 09.06.2023
(54) A WHEELABLE COLLAPSIBLE TABLE AND STORAGE ASSEMBLY
(62) 2016309958

Purser, D.C. see Pitcher, S.N.
(21) 2023203576

(71) QMware AG
(21) 2023203604 (22) 09.06.2023
(54) SYSTEMS AND METHODS INVOLVING HYBRID QUANTUM MACHINES, ASPECTS OF QUANTUM INFORMATION TECHNOLOGY AND/OR OTHER FEATURES
(62) 2019383395

(71) Qualcomm Incorporated
(21) 2023203846 (22) 19.06.2023
(54) SYSTEMS AND METHODS FOR DOWNLINK CONTROL INFORMATION FORMAT SIZING
(62) 2019240408

(71) Qualcomm Incorporated
(21) 2023203870 (22) 20.06.2023
(54) SYSTEMS AND METHODS FOR DOWNLINK CONTROL INFORMATION FORMAT SIZING
(62) 2019240408

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<p>(71) QuiaPEG Pharmaceuticals AB (21) 2023203884 (22) 20.06.2023 (54) Functionalized polymers (62) 2021203182</p>	<p>(71) ResMed Pty Ltd (21) 2023203746 (22) 15.06.2023 (54) VENT AND VENT ADAPTOR FOR PATIENT INTERFACE (62) 2017329112</p>	<p>(71) Sandvik Mining and Construction Oy (21) 2023203599 (22) 09.06.2023 (54) INLET TUBE, ROCK DRILLING RIG AND METHOD OF SAMPLING (31) 22182452.7 (32) 01.07.22 (33) EP</p>
<p>(71) Quzhou T-Nine Tools Co., Ltd. (21) 2023203726 (22) 14.06.2023 (54) Hook (31) 2023101760311 (32) 28.02.23 (33) CN</p>	<p>(71) Rhind, R. (21) 2023203656 (22) 12.06.2023 (54) Automated Liquid Dispensing System for Extemporaneous Product Mixing</p>	<p>(71) SAP SE (21) 2023203688 (22) 13.06.2023 (54) STREAM-BASED TRANSACTION PROCESSING (31) 18/051,404 (32) 31.10.22 (33) US</p>
<p>(71) Rao, H. (21) 2023203807 (22) 16.06.2023 (54) IMPROVED BUTTON BATTERY (31) 2022901922 (32) 10.07.22 (33) AU</p>	<p>(71) Rinnai Corporation (21) 2023203692 (22) 13.06.2023 (54) COMBUSTION APPARATUS (31) 2022-114787 (32) 19.07.22 (33) JP</p>	<p>(71) Scholar Rock, Inc. (21) 2023203922 (22) 21.06.2023 (54) Anti-pro/latent-Myostatin antibodies and uses thereof (62) 2016323447</p>
<p>(71) Rapoport, B. (21) 2023203690 (22) 13.06.2023 (54) ENDOVASCULAR ELECTROENCEPHALOGRAPHY (EEG) AND ELECTRO-CORTICOGRAPHY (ECOG) DEVICES, SYSTEMS AND METHODS (62) 2020237188</p>	<p>Ron, O. see LivePerson, Inc. (21) 2023203685</p>	<p>(71) Scolaro, A. (21) 2023203961 (22) 22.06.2023 (54) A Clean Energy Drive (31) 2023900510 (32) 28.02.23 (33) AU</p>
<p>(71) Rapoport, B.; Griffith Hack (21) 2023203744 (22) 15.06.2023 (54) INTRADURAL NEURAL ELECTRODES (62) 2020234581</p>	<p>(71) Route 92 Medical, Inc. (21) 2023203650 (22) 12.06.2023 (54) ASPIRATION CATHETER SYSTEMS AND METHODS OF USE (62) 2018208460</p>	<p>(71) Scott Airway Management Pty Ltd. (21) 2023203607 (22) 09.06.2023 (54) MEDICAL APPARATUS (62) 2021319371</p>
<p>(71) Rasmussen, G. (21) 2023203840 (22) 19.06.2023 (54) Systems and methods for providing a tibial baseplate (62) 2017368252</p>	<p>(71) RYAN NT INTERNATIONAL PTY LTD (21) 2023203865 (22) 20.06.2023 (54) PRESS WHEEL (31) 2022901742 (32) 23.06.22 (33) AU</p>	<p>(71) Sebelo VLC Limited (21) 2023203747 (22) 15.06.2023 (54) Intrauterine contraceptive device (62) 2021266229</p>
<p>(71) Redlaunch Pty Ltd (21) 2023203761 (22) 15.06.2023 (54) Browser-implemented systems and methods (62) 2017201520</p>	<p>(71) Sagemcom Energy & Telecom SAS (21) 2023203606 (22) 09.06.2023 (54) Method for managing a communicating meter (31) 2206566 (32) 29.06.22 (33) FR</p>	<p>(71) Seminis Vegetable Seeds, Inc. (21) 2023203578 (22) 08.06.2023 (54) Pea variety SV6485QH (31) 17/839,997 (32) 14.06.22 (33) US</p>
<p>(71) REE UNO SPA (21) 2023203580 (22) 08.06.2023 (54) Method and system for processing rare earth concentrate (31) 202202827 (32) 13.10.22 (33) CL</p>	<p>(71) Sagemcom Energy & Telecom SAS (21) 2023203910 (22) 21.06.2023 (54) Method for managing a communicating meter (31) 2206570 (32) 29.06.22 (33) FR</p>	<p>(71) SHAABAN, A.F.; THANDRA, V. (21) 2023203834 (22) 19.06.2023 (54) SYSTEM AND METHOD FOR INTER-COMPANY BILLING PROCESSING (62) 2021202986</p>
<p>(71) Requisite Enrolment Solutions Pty Ltd (21) 2023203872 (22) 20.06.2023 (54) DATA STRUCTURE FOR CURRICULUM MANAGEMENT (62) 2020406669</p>	<p>(71) Sage Products, LLC (21) 2023203596 (22) 08.06.2023 (54) Devices and methods for urine collection (62) 2021202408</p>	<p>SHAABAN, A.F. see THANDRA, V. (21) 2023203909</p>
<p>(71) Research Triangle Institute (21) 2023203890 (22) 20.06.2023 (54) Method For The Capture Of Carbon Dioxide Using Oxyfluoride Physisorbents (31) 18/205,314 (32) 02.06.23 (33) US</p>	<p>(71) SanBio, Inc. (21) 2023203680 (22) 13.06.2023 (54) Induction medium and methods for stem cell culture and therapy (62) 2021201433</p>	<p>(71) Shambat, I. (21) 2023203845 (22) 19.06.2023 (54) Chlorophyll Patch</p>
<p>(71) Sandvik Mining and Construction Oy (21) 2023203598 (22) 09.06.2023 (54) HOMOGENIZER, ROCK DRILLING RIG AND METHOD OF SAMPLING (31) 22182453.5 (32) 01.07.22 (33) EP</p>	<p>(71) Sandvik Mining and Construction Oy (21) 2023203598 (22) 09.06.2023 (54) HOMOGENIZER, ROCK DRILLING RIG AND METHOD OF SAMPLING (31) 22182453.5 (32) 01.07.22 (33) EP</p>	<p>(71) Shanghai Jinko Green Energy Enterprise Management Co., Ltd.; Zhejiang Jinko Solar Co., Ltd. (21) 2023203717 (22) 14.06.2023 (54) SOLAR CELL, METHOD FOR PRODUCING SAME AND SOLAR CELL MODULE (62) 2021235314</p>

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(71) Sheeghra LLC (21) 2023203588 (22) 08.06.2023 (54) SYSTEM AND METHOD FOR SWITCHING RAILCARS USING A STATIC RAIL-TRACK CONFIGURATION (62) 2018368752	(71) Sonos, Inc. (21) 2023203687 (22) 13.06.2023 (54) Wake-word detection suppression (62) 2018312989	(54) OPTICAL FIBER WITH AN IMMEDIATE FLUORINE CLADDING (31) 202211077232 (32) 30.12.22 (33) IN
(71) Shenzhen Aiper Intelligent Co., Ltd. (21) 2023203967 (22) 23.06.2023 (54) Robot Swimming Pool Cleaner Capable of Out-Of-Water Detection and Out-Of-Water Detection Method thereof (31) 2023101124392 (32) 14.02.23 (33) CN	(71) Source Global, PBC (21) 2023203951 (22) 22.06.2023 (54) Systems and methods for generating water from air (31) 18/206,563 (32) 06.06.23 (33) US 63/355,032 23.06.22 US	(71) Sterlite Technologies Limited (21) 2023203765 (22) 15.06.2023 (54) OPTICAL FIBER WITH A LARGE EFFECTIVE AREA (31) 202311011407 (32) 20.02.23 (33) IN
(71) Shenzhen Aiper Intelligent Co., Ltd. (21) 2023203970 (22) 23.06.2023 (54) Robot Swimming Pool Cleaner Capable of Adjusting Water Flow Jetting Direction and Control Method thereof (31) 2023101734923 (32) 20.02.23 (33) CN	(71) Southeast University (21) 2023203691 (22) 13.06.2023 (54) ECONOMICAL EPOXY RESIN MATERIAL FOR EPOXY ASPHALT WITH LOW-TEMPERATURE RESISTANCE AND HIGH FLEXIBILITY AS WELL AS PREPARATION METHOD THEREOF (31) 2022106869585 (32) 16.06.22 (33) CN	(71) Stichting Hubrecht Organoid Technology; Koninklijke Nederlandse Akademie van Wetenschappen (21) 2023203677 (22) 13.06.2023 (54) Immune cell organoid co-cultures (62) 2018390960
(71) Shenzhen Aiper Intelligent Co., Ltd. (21) 2023203971 (22) 23.06.2023 (54) Robot Swimming Pool Cleaner with Filter Screen Anti-blocking Function (31) 2023100600137 (32) 17.01.23 (33) CN	(71) Spark Therapeutics, Inc. (21) 2023203939 (22) 22.06.2023 (54) RELATIVE POTENCY ASSAY FOR VIRAL VECTOR ENCODING ISOMER-OHYDROLASES (62) 2017258776	(71) Stryker Corporation (21) 2023203594 (22) 08.06.2023 (54) Personal protection system including a hood with a transparent face shield and control buttons on the face shield (62) 2017254431
(71) Siemens Industry, Inc. (21) 2023203679 (22) 13.06.2023 (54) System and method for simulating system operation conditions (62) 2020209560	(71) Specialty Fitness Systems, LLC (21) 2023203949 (22) 22.06.2023 (54) Trap Bar (31) 63/354,946 (32) 23.06.22 (33) US	(71) Sunflow, Inc. (21) 2023203662 (22) 13.06.2023 (54) CHAIR (62) 2021202673
(71) Simplehuman, LLC (21) 2023203636 (22) 09.06.2023 (54) Cleaning supply holders and dispensers (31) 18/316,992 (32) 12.05.23 (33) US	(71) Spider Hitch Inc. (21) 2023203709 (22) 14.06.2023 (54) Retractable hitch assembly (31) 3,188,830 (32) 07.02.23 (33) CA	(71) Sungrow Renewables Development Co. Ltd. (21) 2023203966 (22) 23.06.2023 (54) Photovoltaic sand control device and desert photovoltaic power station (31) 202221792861.4 (32) 11.07.22 (33) CN
(71) Sinai Health System (21) 2023203759 (22) 15.06.2023 (54) ALLOGRAFT TOLERANCE WITHOUT THE NEED FOR SYSTEMIC IMMUNE SUPPRESSION (62) 2018285972	(71) Sstatz Oy (21) 2023203842 (22) 19.06.2023 (54) APPARATUS AND METHOD FOR INSTALLING VALVE IN HOLLOW BODY AND SENSOR ARRANGEMENT FOR SENSING DATA THEREIN (31) 17/858,587 (32) 06.07.22 (33) US	(71) SUPERSONIC IMAGINE (21) 2023203775 (22) 16.06.2023 (54) METHOD AND SYSTEM OF LINKING ULTRASOUND IMAGE DATA ASSOCIATED WITH A MEDIUM WITH OTHER IMAGE DATA ASSOCIATED WITH THE MEDIUM (31) 22315173.9 (32) 27.07.22 (33) EP
(71) Skylotec GmbH (21) 2023203895 (22) 20.06.2023 (54) Personal Protective Equipment Comprising An Information Display Area (31) 10 2022 115 707.5 (32) 23.06.22 (33) DE	(71) Star Mesh LLC (21) 2023203635 (22) 09.06.2023 (54) Radio system using nodes with high gain antennas (62) 2018341561	(71) SYNERZ MEDICAL, INC. (21) 2023203739 (22) 15.06.2023 (54) Anchorless intragastric device for treating obesity (62) 2021218222
(71) Snap-on Incorporated (21) 2023203953 (22) 22.06.2023 (54) Ergonomic housing for a power tool (62) 2021204599	(71) Sterlite Technologies Limited (21) 2023203763 (22) 15.06.2023 (54) OPTICAL FIBER RIBBON WITH A PASSIVE LAYER (31) 202211067689 (32) 24.11.22 (33) IN	(71) Syngenta Participations AG (21) 2023203612 (22) 09.06.2023 (54) Animal feed compositions and methods of use (62) 2018261600
(71) Snosko Pty Ltd (21) 2023203889 (22) 20.06.2023 (54) DUAL CONTAINED PIPING SYSTEM (31) 2022901672 (32) 20.06.22 (33) AU	(71) Sterlite Technologies Limited (21) 2023203764 (22) 15.06.2023	(71) Taiho Pharmaceutical Co., Ltd. (21) 2023203784 (22) 16.06.2023 (54) Therapeutic and prophylactic method for tumor treatable with endocrine therapy by combined use of fibroblast

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- growth factor receptor inhibitor with endocrine therapy
(62) 2019387843
-
- (71) Taizhou Huali Plastic Co., Ltd.
(21) 2023203722 (22) 14.06.2023
(54) PVC board and method of manufacture
(62) 2021203733
-
- (71) Takeda Vaccines, Inc.
(21) 2023203715 (22) 14.06.2023
(54) Compositions And Methods For Stabilizing Flaviviruses With Improved Formulations
(62) 2017305498
-
- (71) Tata Consultancy Services Limited
(21) 2023203675 (22) 13.06.2023
(54) METHODS AND SYSTEMS FOR ANOMALY DETECTION IN A PRODUCT
(31) 202221034104 (32) 14.06.22 (33) IN
-
- (71) Tau Motors, Inc.
(21) 2023203810 (22) 17.06.2023
(54) ELECTRIC MOTORS
(62) 2019319833
-
- (71) Techtronic Cordless GP
(21) 2023203609 (22) 09.06.2023
(54) Adapter apparatus, battery apparatus and electronic device system
(31) 202210708532.5 (32) 21.06.22 (33) CN
-
- (71) Techtronic Cordless GP
(21) 2023203721 (22) 14.06.2023
(54) Locking device and garden tool using locking device
(31) 202210692255.3 (32) 17.06.22 (33) CN
-
- (71) Techtronic Cordless GP
(21) 2023203772 (22) 16.06.2023
(54) Battery device, and working assembly having battery device
(31) 202210821101.X (32) 12.07.22 (33) CN
-
- (71) Techtronic Cordless GP
(21) 2023203957 (22) 22.06.2023
(54) Pocket hole jig
(31) 63/354,831 (32) 23.06.22 (33) US
63/429,203 01.12.22 US
-
- (71) Techtronic Cordless GP
(21) 2023203959 (22) 22.06.2023
(54) Controlling movement of a robotic garden tool with respect to one or more detected objects
(31) 63/356,813 (32) 29.06.22 (33) US
63/370,628 05.08.22 US
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- (71) Techtronic Cordless GP
(21) 2023203962 (22) 23.06.2023
-
- (54) Controlling movement of a robotic garden tool with respect to one or more detected objects
(31) 63/356,813 (32) 29.06.22 (33) US
63/370,628 05.08.22 US
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- (71) Tencent America LLC
(21) 2023203628 (22) 09.06.2023
(54) TECHNIQUES FOR BITSTREAM EXTRACTION FOR SUBPICTURE IN CODED VIDEO STREAM
(62) 2021257985
-
- (71) Tencent America LLC
(21) 2023203638 (22) 09.06.2023
(54) Method and Apparatus for Video Coding
(62) 2020253601
-
- (71) Tencent America LLC
(21) 2023203640 (22) 09.06.2023
(54) Method and Apparatus for Cross-Component Filtering
(62) 2020351099
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- (71) Tencent America LLC
(21) 2023203644 (22) 09.06.2023
(54) Techniques for Signaling Combination of Reference Picture Resampling and Spatial Scalability
(62) 2021257953
-
- (71) Tencent America LLC
(21) 2023203696 (22) 14.06.2023
(54) METHOD FOR REFERENCE PICTURE RESAMPLING WITH OFFSET IN VIDEO BITSTREAM
(62) 2020356392
-
- (71) Tencent America LLC
(21) 2023203749 (22) 15.06.2023
(54) Method for Mixed Nal Unit Type Support in a Coded Picture
(62) 2020418848
-
- (71) Tencent America LLC
(21) 2023203753 (22) 15.06.2023
(54) METHOD AND APPARATUS FOR VIDEO CODING
(62) 2020420655
-
- (71) Tencent America LLC
(21) 2023203796 (22) 16.06.2023
(54) METHOD AND DEVICE FOR MAXIMUM TRANSFORM SIZE CONTROL FOR ENCODING OF VIDEO SEQUENCE, AND COMPUTER-READABLE MEDIUM
(62) 2020233293
-
- (71) Tencent America LLC
(21) 2023203803 (22) 16.06.2023
-
- (54) Method and Apparatus for Video Coding
(62) 2020290387
-
- (71) Tencent America LLC
(21) 2023203809 (22) 16.06.2023
(54) METHOD AND APPARATUS FOR VIDEO CODING
(62) 2021252497
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- (71) Tencent America LLC
(21) 2023203915 (22) 21.06.2023
(54) METHOD FOR ADAPTATION PARAMETER SET REFERENCE AND CONSTRAINTS IN CODED VIDEO STREAM
(62) 2020415272
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- (71) Tencent America LLC
(21) 2023203938 (22) 22.06.2023
(54) SIGNALING OF REFERENCE PICTURE RESAMPLING WITH RESAMPLING PICTURE SIZE INDICATION IN VIDEO BITSTREAM
(62) 2020348214
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- (71) Terra Quantum AG
(21) 2023203624 (22) 09.06.2023
(54) SYSTEM AND METHOD FOR QUANTUM KEY DISTRIBUTION
(31) 22190770.2 (32) 17.08.22 (33) EP
-
- (71) Tesla, Inc.
(21) 2023203805 (22) 16.06.2023
(54) System and method for improving color appearance of solar roofs
(62) 2020326625
-
- THANDRA, V. see SHAABAN, A.F.**
(21) 2023203834
-
- (71) THANDRA, V.; SHAABAN, A.F.
(21) 2023203909 (22) 21.06.2023
(54) SYSTEM AND METHOD FOR TRACKING EXPENSES AND BILLING
(62) 2021202094
-
- The Board of Trustees of The Leland Stanford Junior University see University of Washington**
(21) 2023203727
-
- (71) THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY; NOVOCURE GmbH
(21) 2023203605 (22) 09.06.2023
(54) Using alternating electric fields to increase cell membrane permeability
(62) 2019299533

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(71) The Boeing Company
(21) 2023203983 (22) 23.06.2023
(54) Transpirational cooling panel
(31) 17/809,809 (32) 29.06.22 (33) US

(71) The Chamberlain Group LLC
(21) 2023203904 (22) 21.06.2023
(54) Barrier operator feature enhancement
(62) 2021204734

The John Hopkins University see Biocompatibles UK Limited
(21) 2023203719

(71) The NOCO Company
(21) 2023203625 (22) 09.06.2023
(54) Portable or hand held vehicle battery jump starting apparatus with battery cell equalization circuit
(62) 2021290267

(71) Theracell, Inc.
(21) 2023203646 (22) 10.06.2023
(54) Demineralized bone fiber implant compositions and methods for augmenting fixation in bone repair
(62) 2020219377

(71) Theracell, Inc.
(21) 2023203647 (22) 10.06.2023
(54) Demineralized bone fiber composition for augmentation of fixation
(62) 2018313306

(71) The Raymond Corporation
(21) 2023203782 (22) 16.06.2023
(54) Systems and methods for material handling vehicle
(31) 63/353,451 (32) 17.06.22 (33) US

(71) The Regents of The University of California
(21) 2023203791 (22) 16.06.2023
(54) CONJUGATES OF ACTIVE PHARMACEUTICAL INGREDIENTS
(62) 2018283383

(71) ThermoLife International, LLC
(21) 2023203649 (22) 12.06.2023
(54) ENHANCED NITRATE COMPOSITIONS AND METHODS OF USE
(62) 2020215729

(71) The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2023203954 (22) 22.06.2023
(54) TISSUE CLAMP AND IMPLANTATION METHOD
(62) 2017359336

(71) Toughbuilt Industries, Inc.
(21) 2023203982 (22) 23.06.2023
(54) Customizable knee pads and process of forming the same
(62) 2021204446

(71) Trading Technologies International, Inc.
(21) 2023203848 (22) 19.06.2023
(54) Tailored messaging
(62) 2021290254

(71) Transportation IP Holdings, LLC
(21) 2023203902 (22) 21.06.2023
(54) VEHICLE MONITORING SYSTEM
(31) 63/401,088 (32) 25.08.22 (33) US
18/325,721 30.05.23 US

(71) Trigemina, Inc.
(21) 2023203831 (22) 19.06.2023
(54) MAGNESIUM-CONTAINING OXYTOCIN FORMULATIONS AND METHODS OF USE
(62) 2017250505

(71) Trina Solar Co., Ltd.
(21) 2023203652 (22) 12.06.2023
(54) Solar Cell And Preparation Method Thereof
(31) 202211337828.7 (32) 28.10.22 (33) CN

(71) Tung Hing Plastic Manufactory Limited
(21) 2023203815 (22) 19.06.2023
(54) Hair Fasteners
(31) 17/808,544 (32) 24.06.22 (33) US

(71) Turbo Screen International Limited
(21) 2023203658 (22) 13.06.2023
(54) Sorting Waste Materials
(62) 2016407023

(71) TuSimple, Inc.
(21) 2023203964 (22) 23.06.2023
(54) System and method for vehicle position and velocity estimation based on camera and lidar data
(62) 2018256926

(71) Tussy, K.A.
(21) 2023203850 (22) 19.06.2023
(54) Facial recognition authentication system including path parameters
(62) 2021202681

(71) Twilio Inc.
(21) 2023203642 (22) 09.06.2023
(54) Customizable cloud-based software platform
(62) 2021250885

(71) Unison Pharmaceuticals Pvt. Ltd.
(21) 2023203908 (22) 21.06.2023

(54) Orally disintegrating pharmaceutical compositions of apixaban
(62) 2020384737

Universita' Degli Studi Di Padova see Faresin Industries S.p.a.
(21) 2023203603

(71) University Of Georgia Research Foundation, Inc.
(21) 2023203869 (22) 20.06.2023
(54) Methods and systems for electrochemical oxidation of polyfluoroalkyl and perfluoroalkyl contaminants
(62) 2017313906

(71) University of Pittsburgh - Of the Commonwealth System of Higher Education
(21) 2023203780 (22) 16.06.2023
(54) MATRIX BOUND NANOVESICLES AND THEIR USE
(62) 2017227790

(71) University of Washington; The Board of Trustees of The Leland Stanford Junior University
(21) 2023203727 (22) 15.06.2023
(54) Biologically relevant orthogonal cytokine/receptor pairs
(62) 2016318621

Vanounou, E. see LivePerson, Inc.
(21) 2023203685

(71) Ventana Medical Systems, Inc.
(21) 2023203913 (22) 21.06.2023
(54) Quinone methide analog signal amplification
(62) 2021277605

(71) VERTEX PHARMACEUTICALS INCORPORATED
(21) 2023203944 (22) 22.06.2023
(54) MODULATOR OF CYSTIC FIBROSIS TRANSMEMBRANE CONDUCTANCE REGULATOR, PHARMACEUTICAL COMPOSITIONS, METHODS OF TREATMENT, AND PROCESS FOR MAKING THE MODULATOR
(62) 2021211993

(71) Vertical Grill Appliances LLC
(21) 2023203935 (22) 22.06.2023
(54) Vertical Grill With External Drip Tray Module
(62) 2021202536

(71) VIDEO GAMING TECHNOLOGIES, INC.
(21) 2023203931 (22) 21.06.2023
(54) METHODS AND SYSTEMS FOR PRESENTING A GAMING-RELATED

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MESSAGE TO A GAMER IN AN AREA PROXIMATE TO A BEACON ASSOCIATED WITH A CASINO (62) 2021202482	(71) WeylChem Performance Products GmbH (21) 2023203595 (22) 08.06.2023 (54) Compositions comprising protonated triazacyclic compounds and Manganese(II) acetate, manufacturing thereof, and bleaching and cleaning agent comprising same (31) 22000171.3 (32) 24.06.22 (33) EP	Zhejiang Jinko Solar Co., Ltd. see Jinko Green Energy (Shanghai) Management Co., LTD. (21) 2023203634
(71) Viljoen, A.J.J.; Nortje, B.E. (21) 2023203936 (22) 22.06.2023 (54) CUSTOM NUTRITIONAL SUPPLEMENT COMPOSITION PRODUCTION SYSTEM AND METHOD (62) 2015289402	(71) Willand (Beijing) Technology Co., LTD. (21) 2023203801 (22) 16.06.2023 (54) MOVEMENT CONTROL METHOD, ELECTRONIC DEVICE, AND COMPUTER STORAGE MEDIUM (31) 202210694971.5 (32) 17.06.22 (33) CN	Zhejiang Jinko Solar Co., Ltd. see Shanghai Jinko Green Energy Enterprise Management Co., Ltd. (21) 2023203717
(71) Viveve, Inc. (21) 2023203882 (22) 20.06.2023 (54) Methods and systems for treating urinary stress incontinence (62) 2021203443	(71) William Marsh Rice University (21) 2023203972 (22) 23.06.2023 (54) Surface-based detection of nucleic acid in a convection flow fluidic device (62) 2017241766	(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd. (21) 2023203897 (22) 20.06.2023 (54) PHOTOVOLTAIC MODULE (31) 202211600794.6 (32) 12.12.22 (33) CN
(71) Vivia Biotech, S.L (21) 2023203601 (22) 09.06.2023 (54) Ex vivo bite-activated T cells (62) 2017249698	(71) Zhejiang Orient Gene Biotech Co., Ltd (21) 2023203894 (22) 20.06.2023 (54) DEVICE FOR TESTING MULTIPLE ANALYTES IN LIQUID SAMPLE THROUGH LATERAL FLOW	
(71) Vorwerk & Co. Interholding GmbH (21) 2023203701 (22) 14.06.2023 (54) ELECTRIC MOTOR, FOOD PROCESSOR AND ASSEMBLY METHOD (31) 22 179 240.1 (32) 15.06.22 (33) EP	(71) Wing Aviation LLC (21) 2023203837 (22) 19.06.2023 (54) Anticipatory dispatch of UAVs to pre-staging locations (62) 2022201664	(71) Zimmer, Inc. (21) 2023203769 (22) 16.06.2023 (54) SYSTEMS FOR GUIDED REAMING OF COMPLEX SHAPES (31) 63/353,802 (32) 20.06.22 (33) US 63/434,593 22.12.22 US
(71) Vorwerk & Co. Interholding GmbH (21) 2023203703 (22) 14.06.2023 (54) ELECTRIC MOTOR, FOOD PROCESSOR AND MANUFACTURING PROCESS (31) 22 179 240.1 (32) 15.06.22 (33) EP	(71) Wonderland Switzerland AG (21) 2023203905 (22) 21.06.2023 (54) Lap belt length adjusting device and child safety seat (31) 2022114487987 (32) 18.11.22 (33) CN 2022218020461 12.07.22 CN	(71) Zimmerman, L.; Lavion, A. (21) 2023203731 (22) 15.06.2023 (54) A stand for sport boards (31) 17/864,635 (32) 14.07.22 (33) US
(71) Vorwerk & Co. Interholding GmbH (21) 2023203984 (22) 14.06.2023 (54) ELECTRIC MOTOR, FOOD PROCESSOR AND MANUFACTURING PROCESS (31) 22 179 240.1 (32) 15.06.22 (33) EP	(71) X Development LLC (21) 2023203773 (22) 16.06.2023 (54) Determining ore characteristics (62) 2020289549	
(71) Voyager Therapeutics, Inc. (21) 2023203585 (22) 08.06.2023 (54) Modulatory polynucleotides (62) 2017267665	(71) Yamada, K. (21) 2023203896 (22) 20.06.2023 (54) Paper Cover And Method For Manufacturing Paper Cover (62) 2022203330	
(71) Walker, J.; Matthews, K. (21) 2023203867 (22) 20.06.2023 (54) CRUSTACEAN RESTRAINT (31) 2022901907 (32) 07.07.22 (33) AU	(71) YETI Coolers, LLC (21) 2023203941 (22) 22.06.2023 (54) Insulated container with latch (62) 2019396514	
(71) Western Advance Pty Ltd (21) 2023203921 (22) 21.06.2023 (54) Artificial intelligence (AI) aged-care alert system (31) 2022901689 (32) 21.06.22 (33) AU	(71) Zesti Ovens Pty Ltd (21) 2023203738 (22) 15.06.2023 (54) OVEN HEATING ELEMENT (31) 2022901630 (32) 15.06.22 (33) AU	
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2023203576	Pitcher, S.N.; Purser, D.C.	2023203638	Tencent America LLC
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2023203581	Cornell University	2023203643	Infineum International Limited
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2023203584	Dolby International AB; Dolby Laboratories Licensing Corporation	2023203646	Theracell, Inc.
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2023203586	Alpine Immune Sciences, Inc.	2023203648	CN Tech
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2023203595	WeylChem Performance Products GmbH	2023203657	Holista Colltech Limited
2023203596	Sage Products, LLC	2023203658	Turbo Screen International Limited
2023203597	Fenestration Solutions Australia Pty Ltd	2023203659	King Cho Machinery Industrial Co., Ltd.
2023203598	Sandvik Mining and Construction Oy	2023203660	CyDex Pharmaceuticals, Inc.
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		2023203865	RYAN NT INTERNATIONAL PTY LTD

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2023203869	University Of Georgia Research Foundation, Inc.	2023203943	Lee, H.
2023203870	Qualcomm Incorporated	2023203944	VERTEX PHARMACEUTICALS INCORPORATED
2023203871	AFT Pharmaceuticals Ltd	2023203945	Advanced Ground Solutions Pty Ltd
2023203872	Requisite Enrolment Solutions Pty Ltd	2023203946	LG ELECTRONICS INC.
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2023203880	8 Rivers Capital, LLC	2023203954	The United States of America, as represented by The Secretary, Department of Health and Human Services
2023203881	John Hadad, M.	2023203955	IHI Corporation
2023203882	Viveve, Inc.	2023203956	Building Group Pty Ltd
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2023203901	Kim, J.	2023203975	GUANGZHOU TUSUNNY HOME PRODUCTS CO., LTD.
2023203902	Transportation IP Holdings, LLC	2023203976	Loam Bio Pty Ltd
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2023203910	Sagemcom Energy & Telecom SAS	2023203984	Vorwerk & Co. Interholding GmbH
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2023203924	Healthall Laboratory, Inc.		
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Applications listed below were processed through the Patent Office Canberra during the period ending 20 Jun 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) Drewett, B.
(21) 2023100058 (22) 20.06.2023
(54) VOID FORMER FOR USE IN FORM-
ING VOIDS IN CONCRETE STRUC-
TURES
(62) 2018100286

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

(71) Santrix Mining Components Pty Ltd;
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(21) 2023100059 (22) 26.06.2023
(54) A valve housing
(62) 2021204501

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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

Reference to the application numbers must include the year of the application of the patent, which is shown preceding the numbers.
The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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2012204085 (14) 2012230065 (14) 2012261665 (14)
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2013201261 (14) 2013231117 (14) 2013267079 (14)
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2023900971 (17AN)

Assignments before Grant, Section 113

2017

2017358829 Univercells S.A. The application has been assigned to **Univercells Technologies S.A.**

2018

2018208463 Christiana Care Health Services, Inc.; F.O.R.E. Biotherapeutics Ltd The application has been assigned to **CHRISTINA CARE GENE EDITING INSTITUTE, INC.; F.O.R.E. Biotherapeutics Ltd**

2018236779 Dynamite Services Pty Limited The application has been assigned to **Games Lab Pty Limited**

2018280129 Heatworks Technologies, Inc. The application has been assigned to **OhmiQ, Inc.**

2018301667 Refuge Biotechnologies, Inc. The application has been assigned to **Fundação D. Anna de Sommer Champalimaud e Dr. Carlos Montez Champalimaud Foundation**

2018348962 Univercells S.A. The application has been assigned to **Univercells Technologies S.A.**

2018363734 D&D Isoltechnics NV The application has been assigned to **iSens Pro NV**

2019

2019272009 Dynamite Services Pty Limited The application has been assigned to **Games Lab Pty Limited**

2019904624 ScalaMed Pty Ltd The application has been assigned to **GetOutcomes, LLC**

2020

2020234686 The UAB Research Foundation; Crescendo Bioscience, Inc. The application has been assigned to **Laboratory Corporation of America Holdings; The UAB Research Foundation**

2020266136 Nautilus Biotechnology, Inc. The application has been assigned to **Nautilus Subsidiary, Inc.**

2020337732 ECOLIBRIUM BIOLOGICALS HOLDINGS LIMITED The application has been assigned to **CELLORA LIMITED**

2020338285 Forkbeard Technologies AS The application has been assigned to **Sonitor Technologies AS**

Assignments before Grant, Section 113

2020350161 Forkbeard Technologies AS The application has been assigned to **Sonitor Technologies AS**

2020356429 bioMérieux; Hospices Civils de Lyon; Bioaster The application has been assigned to **BIOASTER; bioMérieux**

2020358815 Forkbeard Technologies AS The application has been assigned to **Sonitor Technologies AS**

2020370603 Emergent Travel Health Inc. The application has been assigned to **Bavarian Nordic A/S**

2021

2021206059 Forkbeard Technologies AS The application has been assigned to **Sonitor Technologies AS**

2021209822 Forkbeard Technologies AS The application has been assigned to **Sonitor Technologies AS**

2021413069 SHENZHEN EIGATE TECHNOLOGY CO., LTD. The application has been assigned to **ASPIRE NORTH AMERICA LLC**

2022

2022210691 INMED, INC.; RAMKARANSINGH, Jeffrey Rajesh; LAROCHE, Thomas Patrick The application has been assigned to **INMED, INC.**

2022290931 Guo, Qiaoshi The application has been assigned to **SEMITRI PTY LTD**

2022291455 Bigfoot Biomedical, Inc. The application has been assigned to **Insulet Corporation**

2023

2023203646 Theracell, Inc. The application has been assigned to **Tetrous, Inc.**

2023203647 Theracell, Inc. The application has been assigned to **Tetrous, Inc.**

2023900050 Harris, Rodney The application has been assigned to **Heron Safety Solutions Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2010

2010278667 **McCallum, P.** An application to extend the time from 29 Jul 2022 to 28 Feb 2023 in which to pay a renewal fee has been filed . Address for service - Eagar & Associates Pty Ltd Suite 2 35-39 Scarborough Street Southport QLD 4215 AU

Extensions of Time, Section 223**2011**

2011357585 **Encycle Corporation** An application to extend the time from 22 Sep 2022 to 22 Apr 2023 in which to pay a renewal fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2015

2015255327 **Zhao, S.** An application to extend the time from 15 Nov 2022 to 15 Jun 2023 in which to pay a renewal fee has been filed . Address for service - John Christiansen 5/22-24 Charnwood Road St Kilda VIC 3182 AU

2018

2018213974 **Innovation Emporium Pty Ltd** An application to extend the time from 10 Jul 2022 to 10 Jul 2023 in which to request examination and to pay a continuation fee has been filed . Address for service - Armour IP Pty Ltd PO Box 3099 Broadway Nedlands WA 6009 AU

2018321581 **Yara International ASA; The University of Sydney** An application to extend the time from 01 Aug 2022 to 01 Jun 2023 in which to request examination and to pay a continuation fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020445437 **DUKOVICH, S.** An application to extend the time from 27 Nov 2022 to 27 Apr 2023 in which to enter the National Phase has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021

2021107127 **Lifesize Plans IP Pty Ltd** An application to extend the time from 18 Sep 2022 to 18 May 2023 in which to pay a renewal fee has been filed . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

2021245216 **Frito-Lay Trading Company GmbH** An application to extend the time from 06 Oct 2022 to 06 Jun 2023 in which to pay a continuation fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2022

2022100038 **Lifesize Plans IP Pty Ltd** An application to extend the time from 18 Sep 2022 to 18 May 2023 in which to pay a renewal fee has been filed . Address for service - FOUNDRY INTELLECTUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building NSW 1230 AU

202204229 **Live Nation Entertainment, Inc.** An application to extend the time from 17 Nov 2022 to 17 Jul 2023 in which to pay a continuation fee has been filed . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Extensions of Time, Section 223**Applications Allowed - Section 223(2)****2014**

2014270125 **Moholkar, K.** The time in which to pay a renewal fee has been extended to 21 Mar 2023 . Address for service - Chrysiliou IP Unit 1 Level 2 15 Rodborough Road Frenchs Forest NSW 2086 AU

2018

2018100893 **Xiamen Deguan Technology Co., Ltd.** The time in which to pay a renewal fee has been extended to 28 Mar 2023 . Address for service - Collison & Co Gpo Box 2556 Adelaide SA 5001 AU

2018280129 **Heatworks Technologies, Inc.** The time in which to pay a continuation fee has been extended to 05 Mar 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019204605 **SNAP PAK GLOBAL LIMITED** The time in which to request examination has been extended to 04 Jul 2023 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2020

2020100728 **Nyirenda, D.** The time in which to pay a renewal fee has been extended to 07 Apr 2023 . Address for service - Dolly Sepiso Katembo Nyirenda 12 Nuttall St Mambourin VIC 3024 AU

2021

2021204487 **GEA TDS GmbH** The time in which to pay a continuation fee has been extended to 10 Apr 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2021237982 **MTD Holdings NSW Pty Ltd; Stirling & Dunkirk Investments Pty Ltd** The time in which to pay the acceptance fee has been extended to 09 Jul 2023 . Address for service - IP Guardian Pty Ltd L 5 1 Margaret St Sydney NSW 2000 AU

2021256967 **TAE TECHNOLOGIES, INC.** The time in which to enter the National Phase has been extended to 14 Apr 2023 . Address for service - AJ PARK GPO BOX 2513 Sydney NSW 2001 AU

2021290325 **Stripe, Inc.** The time in which to pay a continuation fee has been extended to 25 Feb 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021316911 **PFIZER INC.** The time in which to enter the National Phase has been extended to 27 Apr 2023 . Address for service - AL-LENS PATENT & TRADE MARK ATTORNEYS Deutsche Bank Place Corner Hunter and Phillip Streets SYDNEY NSW 2000 AU

2021342431 **IMAGION BIOSYSTEMS, INC.** The time in which to enter the National Phase has been extended to 16 May 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021374695 **BECTON, DICKINSON AND COMPANY** The time in which to enter the National Phase has been extended to 05 Jul 2023 .

Extensions of Time, Section 223

Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023

2023201207 **Tai, T.K.F.** The time in which to comply with a direction under Reg 3.2A has been extended to 17 Jun 2023 . Address for service - Proctor Phair Lawyers Pty Limited Level 2, 352 Kent Street Sydney NSW 2000 AU

Amendments

Applications for Amendment

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

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

2017

2017240761 Compositions and methods for enhanced innate immunity **Colorado State University Research Foundation ; The Regents of the University of Colorado, a body corporate** The nature of the amendment is as shown in the statement(s) filed 19 Jun 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017254264 Method for producing retinal tissue **Sumitomo Pharma Co., Ltd. ; RIKEN ; Sumitomo Chemical Company, Limited** The nature of the amendment is as shown in the statement(s) filed 12 May 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2018

2018251957 Lactase enzymes with improved properties **Chr. Hansen A/S** The nature of the amendment is as shown in the statement(s) filed 03 May 2023 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018333285 RNA molecules **Commonwealth Scientific and Industrial Research Organisation** The nature of the amendment is as shown in the statement(s) filed 09 Jun 2023 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2019

2019101062 Multi-participant live communication user interface **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jun 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2020

2020244613 METHODS FOR TREATMENT OF DISEASES **GALERA LABS, LLC** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2020273376 AMIDE COMPOUNDS AS KINASE INHIBITORS, COMPOSITIONS AND METHODS OF TREATMENT **Translational Drug Development, LLC** The nature of the amendment is as shown in the

Amendments

statement(s) filed 26 May 2023 . Address for service - Southern Cross Intellectual Property PO Box 906 Brisbane QLD 4001 AU

2021

2021201092 TECHNIQUES FOR BENCHMARKING PAIRING STRATEGIES IN A CONTACT CENTER SYSTEM **Afiniti, Ltd.** The nature of the amendment is as shown in the statement(s) filed 02 Jun 2023 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins St MELBOURNE VIC 3000 AU

2022

2022200101 PROVIDING SPATIAL DISPLACEMENT OF TRANSMIT AND RECEIVE MODES IN LIDAR SYSTEM **Blackmore Sensors & Analytics LLC** The nature of the amendment is as shown in the statement(s) filed 23 Jun 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Amendments Made

2010

2010254160 **AbbVie Ireland Unlimited Company** The nature of the amendment is as shown in the statement filed 23 Mar 2023

2017

2017290354 **Principia Biopharma Inc.** The nature of the amendment is as shown in the statement filed 22 Mar 2023

2017299186 **Laboratorios Farmacéuticos Rovi, S.A.** The nature of the amendment is as shown in the statement filed 23 Mar 2023

2017325272 **Daiichi Sankyo Company, Limited** The nature of the amendment is: Amend the invention title to read Antibody for treating autoimmune diseases

2017383008 **BicycleTx Limited** The nature of the amendment is: Amend the name to read BicycleTx Limited

2018

2018208463 **CHRISTINA CARE GENE EDITING INSTITUTE, INC.; F.O.R.E. Biotherapeutics Ltd** The nature of the amendment is: Amend the name of the inventor to read Kmiec, Eric Brian; Vidne, Michael; Tarcic, Gabi and Sainsbury, Brett M.

2018269653 **EVERTRON HOLDINGS PTE. LTD.** The nature of the amendment is: Amend the invention title to read Ingredient control device, Ingredient control method, transportation method, cooking method, and program

2018319712 **CMP Products Limited** The nature of the amendment is as shown in the statement filed 08 Mar 2023

2018334273 **The Board of Trustees of the Leland Stanford Junior University; Brandeis University** The nature of the amendment is: Amend the name of the inventor to read ROY, Kevin R.; SMITH, Justin D.; ST. ONGE, Robert P.; STEINMETZ, Lars M. and HABER, James E.

2019

2019241956 **New Pig Corporation** The nature of the amendment is as shown in the statements filed 08 Mar 2023 and 28 Mar 2023

Amendments

2019309424 **Bruckbauer, W.** The nature of the amendment is: Amend the invention title to read Fume extraction device

2019361176 **Pittsburgh Corning Europe NV** The nature of the amendment is: Amend the name of the inventor to read SMOUT, Lucas; DIEPVEN, Rudi; BADGER, Steven R. and VAN LOO, Joseph

2020

2020220383 **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.** The nature of the amendment is as shown in the statement filed 15 Jun 2023

2020370125 **The United States of America, as represented by the Secretary, Department of Health and Human Services** The nature of the amendment is: Amend the name of the inventor to read HO, Mitchell; WANG, Ruixue; ST. CROIX, Bradley and LI, Dan

2020479267 **CJ CHEILJEDANG CORPORATION** The nature of the amendment is: Amend the invention title to read MOLDED RICE WITH TOASTED EXTERIOR AND METHOD FOR PREPARING SAME

2021

2021107604 **AutoPacific Australia Pty Ltd** The nature of the amendment is as shown in the statement filed 14 Mar 2023

2021201569 **CSER Ventures, LLC.** The nature of the amendment is: Amend the name of the inventor to read SILANO, Carmine John and ROBERTS, Edward Newsome

2021215097 **Sungbo Industrial Co., Ltd.** The nature of the amendment is as shown in the statements filed 02 Mar 2023 and 10 Mar 2023

2021269764 **AstraZeneca AB** The nature of the amendment is: Amend the name of the inventor to read SMITH, Simon Andrew; CLACK, Glen; LEE, Jeeyun and DEAN, Emma Jane

2021313611 **Caterpillar Underground Mining Pty Ltd** The nature of the amendment is as shown in the statement filed 24 Mar 2023

2021330814 **Edwards Lifesciences Corporation** The nature of the amendment is: Amend the name of the inventor to read BIALAS, Michael R.; HICKS, Kristen; MURAD, Michael C.; SENESH, Gil; ANGELICO, Gonzalo German; CERQUEIRA, Carla Susana; LOW, Victoria Mariko; FERNANDEZ, Andrea; NGUYEN, Kim D.; HOANG, Lien Huong Thi; BRITZMAN, Karl J.; HOYE, Shannon Nicole; WHITEHEAD, Haley Nicole; WINTERS, Taylor Michael; DO, Vicky Hong; CORONA, Jeanette Jasmine; ISHIGO, Ashley Akemi; VU, Quang Ngoc and DALBOW, Brendan Michael

2021359790 **SHANDONG UNIVERSITY; SHANDONG HI-SPEED GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read TUNNEL BORING MACHINE-MOUNTED SYSTEM FOR MONITORING SHIELD-TO-SURROUNDING ROCK DEFORMATION AND METHOD THEREOF

2021359995 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read UNMANNED VEHICLE CONTROL SYSTEM, UNMANNED VEHICLE, AND UNMANNED VEHICLE CONTROL METHOD

Amendments

2021364335 **DEFINITEK, INC.** The nature of the amendment is: Amend the name of the inventor to read KINGSTON, Howard, M. and PAMUKCU, Mehmet

2021364405 **ENVISION ENDOSCOPY, INC.** The nature of the amendment is as shown in the statement filed 28 Apr 2023

2021368213 **INTER-MED, INC.** The nature of the amendment is as shown in the statement filed 27 Apr 2023

2021376218 **SEAGEN INC.** The nature of the amendment is: Amend the invention title to read Combination Therapy

2021384675 **CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Message Forwarding Method and Apparatus, Communication Device, and Readable Storage Medium

2021385486 **CORNELL UNIVERSITY** The nature of the amendment is: Amend the name of the inventor to read BANDER, Neil H.; LECONET, Wilhem; GUO, Ming; LIU, He; LORENZ, Ivo and KHAN, Abdul G.

2021393802 **COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITE DE MONTPELLIER; ECOLE NATIONALE SUPÉRIEURE DE CHIMIE DE MONTPELLIER** The nature of the amendment is as shown in the statement filed 09 Jun 2023

2021400179 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR INDICATING SPATIAL REUSE PARAMETER AND DETERMINING SPATIAL REUSE PARAMETER FIELD AND APPARATUS

2021402376 **HORL 1993 GMBH** The nature of the amendment is: Amend the invention title to read Cutting tool with supporting portion for a pre-set grinding angle

2021403339 **CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA** The nature of the amendment is: Amend the invention title to read USE OF SYNTHETIC PEPTIDE FOR THE INDUCTION OF ANTI-TUMOR AND ANTIVIRAL IMMUNITY

2021409515 **HANMI PHARMACEUTICAL CO., LTD.** The nature of the amendment is: Amend the invention title to read Novel quinazoline derivatives as SOS1 inhibitors and use thereof

2021416156 **BRISTOL-MYERS SQUIBB COMPANY; Halozyme, Inc.** The nature of the amendment is: Amend the invention title to read Methods of treating tumors

2021418154 **INFICON GMBH** The nature of the amendment is: Amend the invention title to read FILM CHAMBER COMPRISING A CARRIER GAS SUPPLY, AND METHOD FOR LEAK TESTING

2021419992 **NEC PLATFORMS, LTD.** The nature of the amendment is: Amend the invention title to read RECEPTION CONTROL APPARATUS, RECEPTION SYSTEM, CONTROL METHOD, AND CONTROL PROGRAM

Amendments

2021439602 **TOTAL BIOTECNOLOGIA INDÚSTRIA E COMÉRCIO S/A** The nature of the amendment is: Amend the invention title to read AGRICULTURAL COMPOSITION OF INDOLEACETIC ACID HAVING INCREASED PHOTOSTABILITY, PROCESS FOR THE PRODUCTION AND USE THEREOF

2022

2022200075 **ViaCyte, Inc.** The nature of the amendment is as shown in the statement filed 28 Mar 2023

2022224857 **Cricut, Inc.** The nature of the amendment is as shown in the statements filed 02 Sep 2022; 26 May 2023 and 21 Jun 2023

2022337863 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery module having structure for blocking oxygen Inflow during thermal propagation

2023

2023201095 **W.L. Gore & Associates, Inc.** The nature of the amendment is: Amend the name of the inventor to read JOHNSON, Matthew A.; MCMANAWAY, Michael C.; ZUKOR, Kenneth A. and RAKESH, Vineet

2023202288 **Werner Co.** The nature of the amendment is: Amend the name of the inventor to read Lentine, Tek; Parker, Thomas W.; Pozgay, David S.; Miller, Jackson W.; Anthony III, Philip M. and Rofls, Bryan E.

2023202773 **SpineLine Golf Pty Ltd** The nature of the amendment is: Amend divisional details to read PCT/AU2022/050168

2023203540 **Zeus Company Inc.** The nature of the amendment is: Amend the divisional number details to read 2022204383

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

2005

2005320058 Showa Denko K.K. The name of the patentee has been altered to **Resonac Corporation**

2006

2006244847 Showa Denko K.K. The name of the patentee has been altered to **Resonac Corporation**

2010

2010269949 Foster Wheeler Italiana S.r.l. The name of the patentee has been altered to **WOOD ITALIANA S.r.l.**

2012

2012220369 Polyline Pipe Systems Limited The name of the patentee has been altered to **Mobile Pipe Solutions Limited**

2014

2014311274 Dreamweaver IP Pty Ltd The name of the patentee has been altered to **Moulynox, A.**

Amendments

2015

2015205374 Aurigene Discovery Technologies Limited The name of the patentee has been altered to **Aurigene Oncology Limited**

2016

2016248518 Showa Denko K.K. The name of the patentee has been altered to **Resonac Corporation**

2016280280 DisperSol Technologies, LLC The name of the patentee has been altered to **AustinPx, LLC**

2017

2017262586 DisperSol Technologies, LLC The name of the applicant has been altered to **AustinPx, LLC**

2017345500 Aurigene Discovery Technologies Limited The name of the patentee has been altered to **Aurigene Oncology Limited**

2018

2018242623 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2018267569 Aurigene Discovery Technologies Limited The name of the patentee has been altered to **Aurigene Oncology Limited**

2018335391 DisperSol Technologies, LLC The name of the applicant has been altered to **AustinPx, LLC**

2018348350 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2018360386 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2018360389 Aurigene Discovery Technologies Limited ; Curis, Inc The name of the applicant has been altered to **Aurigene Oncology Limited; Curis, Inc**

2019

2019205906 Emera Technologies LLC The name of the applicant has been altered to **Block Energy LLC**

2019263513 Stanfeld ApS The name of the applicant has been altered to **BifrostConnect ApS**

2019283795 Aurigene Discovery Technologies Limited The name of the patentee has been altered to **Aurigene Oncology Limited**

2019288674 Moffett AI, Inc. The name of the applicant has been altered to **Moffett International Co., Limited**

2019394564 Sandvik Mining and Construction G.m.b.H.; Sandvik Mining and Construction Australia Pty Ltd; Sandvik Mining and Construction Australia (Production Supply) Pty Ltd The name of the applicant has been altered to **Sandvik Mining and Construction G.m.b.H.; Sandvik Mining and Construction Australia Pty Ltd; Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd**

Amendments

2020

2020200868 Nexdor Systems Pty Ltd The name of the applicant has been altered to **Shadforth Investments Proprietary**

2020240017 DisperSol Technologies, LLC ; Board of Regents, The University of Texas System The name of the applicant has been altered to **AustinPx, LLC; Board of Regents, The University of Texas System**

2020351698 King's College London; Prostate Cancer Research Centre The name of the applicant has been altered to **Prostate Cancer Research; King's College London**

2020404693 Showa Denko K.K. ; UBE Corporation; Ebara Environmental Plant Co., Ltd. The name of the applicant has been altered to **Resonac Corporation; UBE Corporation; Ebara Environmental Plant Co., Ltd.**

2020417752 Emera Technologies LLC The name of the applicant has been altered to **Block Energy LLC**

2020432001 Sandvik Mining and Construction Australia (Production Supply) Pty Ltd ; Sandvik Mining and Construction Oy The name of the applicant has been altered to **Sandvik Mining and Construction Australia (Production/Supply) Pty Ltd; Sandvik Mining and Construction Oy**

2021

2021106519 Robertson, Thomas; Ross, Georgia The name of the patentee has been altered to **Robertson, T.; Ross, G.**

2021203761 Aurigene Discovery Technologies Limited The name of the applicant has been altered to **Aurigene Oncology Limited**

2021224844 Bend Labs, Inc.; Nitto, Inc.; Nitto Denko Corporation The name of the applicant has been altered to **Nitto Bend Technologies, Inc.; Nitto, Inc.; Nitto Denko Corporation**

2021240135 Cardiatis S.A.; Frid, Noureddine The name of the applicant has been altered to **Intressa Vascular S.A**

2021277731 DisperSol Technologies, LLC The name of the applicant has been altered to **AustinPx, LLC**

2021314022 Polyline Pipe Systems Limited The name of the patentee has been altered to **Mobile Pipe Solutions Limited**

2021314650 LiquidStack Holding B.V The name of the applicant has been altered to **LiquidStack Holding B.V.**

2021336557 TGEN TECH, LLC The name of the applicant has been altered to **Annoviant, LLC**

2021368792 ANDERSON, M.D. Christian The name of the applicant has been altered to **ANDERSON M.D., C.**

2021390471 RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; THE CYPRUS INSTITUTE OF NEUROLOGY AND GENETICS The name of the applicant has been altered to **RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL; The**

Amendments

Cyprus Foundation for Muscular Dystrophy Research d/b/a The Cyprus Institute of Neurology and Genetics

2021400227 LAMKAP BIO BETA AG The name of the applicant has been altered to **LamKap Bio beta Ltd**

2021416156 BRISTOL-MYERS SQUIBB COMPANY; HALOZYME THERAPEUTICS, INC. The name of the applicant has been altered to **BRISTOL-MYERS SQUIBB COMPANY; Halozyme, Inc.**

2023

2023203306 NantKwest, Inc. The name of the applicant has been altered to **ImmunityBio, Inc.**

2023901863 The University of Adelaide The name of the applicant has been altered to **The University of Adelaide; Australian Wool Innovation Limited**

Applications Open to Public Inspection

Name Index

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

(71) AbbVie Inc.
 (11) AU-A-2023203573
 (21) 2023203573 (22) 08.06.2023
 (54) Anti-EGFR antibodies and antibody drug conjugates
 (51) Int. Cl.
A61P 35/00 (2006.01)
C07K 14/00 (2006.01)
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
 (43) 06.07.2023
 (62) 2020250319
 (72) REILLY, Edward B.; PHILLIPS, Andrew C.; BENATUIL, Lorenzo; BUCHANAN, Fritz G.; MEULBROEK, Jonathan A.; HSIEH, ChungMing; PEREZ, Jennifer
 (74) Spruson & Ferguson

(71) Abiomed, Inc.; Icahn School of Medicine at Mount Sinai
 (11) AU-A-2023203667
 (21) 2023203667 (22) 13.06.2023
 (54) System and method for determining native cardiac output while continuing support to the heart with a catheter-mounted intracardiac blood pump having an imbedded thermistor
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/02 (2006.01)
A61B 5/021 (2006.01)
A61B 5/0215 (2006.01)
A61B 5/028 (2006.01)
A61B 5/029 (2006.01)
 (43) 06.07.2023
 (62) 2018239421
 (72) Curran, Jerald Wayne; Ishikawa, Kiyotake; Hajjar, Roger J.
 (74) Davies Collison Cave Pty Ltd

(71) Abiomed, Inc.; Massachusetts Institute of Technology
 (11) AU-A-2023203674
 (21) 2023203674 (22) 13.06.2023
 (54) Cardiovascular assist system that quantifies heart function and facilitates heart recovery
 (51) Int. Cl.
A61B 5/352 (2021.01)
A61M 60/178 (2021.01)
 (43) 06.07.2023
 (62) 2017326989
 (72) Edelman, Elazer; Chang, Brian; Josephy, Noam; Bhavsar, Sonya Sanat
 (74) Davies Collison Cave Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-202221457
 (21) 202221457 (22) 24.08.2022

(54) INTELLIGENT DATA EXTRACTION SYSTEM AND METHOD
 (51) Int. Cl.
G06N 3/02 (2006.01)
G06N 3/08 (2006.01)
 (31) 17/552,542 (32) 16.12.21 (33) US
 (43) 06.07.2023
 (72) MUTHU, Loganathan; KOTNALA, Rahul; RAJAGOPALAN, Srinivasan Krishnan; GOPALAN, Peter Ashly; CHANDRAN, Manikandan; PRAKASH, Anand Yesuraj; DEB, Simantini; DHANDAPANI, Vijay; KUMAR, RBSanthosh; SINGH, Harbhajan; VENKATAPPA, Lokesh; RAMAN, Ramakrishnan
 (74) Murray Trento & Associates Pty Ltd

(71) Accenture Global Solutions Limited
 (11) AU-A-2022287600
 (21) 2022287600 (22) 14.12.2022
 (54) LOCATION AWARE LEARNING SYSTEM FOR CONTENT DISPENSATION FOR RESOURCE-CONSTRAINED EDGE DEVICES
 (51) Int. Cl.
G06F 16/909 (2019.01)
G06F 16/95 (2019.01)
G06Q 50/20 (2012.01)
H04L 65/60 (2022.01)
H04L 67/289 (2022.01)
H04L 67/306 (2022.01)
H04L 67/52 (2022.01)
H04W 4/029 (2018.01)
H04W 4/18 (2009.01)
 (31) 202141059903 (32) 22.12.21 (33) IN
 17/744,325 13.05.22 US
 (43) 06.07.2023
 (72) PODDER, Sanjay; KUNTAGOD, Nataraj; SUBRAMANIAN, Venkatesh; SAI SRINIVAS, Satya; MALLAIAH, Yogesh
 (74) Murray Trento & Associates Pty Ltd

(71) AGASHE, M.
 (11) AU-A-2022379905
 (21) 2022379905 (22) 20.12.2022
 (54) A SYSTEM FOR SECURE TRANSACTION PROCESSING AND A METHOD THEREOF
 (51) Int. Cl.
G06Q 20/08 (2012.01)
 (31) 202121060001 (32) 22.12.21 (33) IN
 (43) 06.07.2023
 (72) AGASHE, MANDAR
 (74) CreatelP

(71) Alchin Long Group IP Pty Limited
 (11) AU-A-2022291471
 (21) 2022291471 (22) 20.12.2022
 (54) Compression assembly for a sliding door

(51) Int. Cl.
E05D 15/10 (2006.01)
E05B 15/02 (2006.01)
E05D 15/06 (2006.01)
E06B 3/50 (2006.01)
E06B 7/22 (2006.01)
E05B 1/00 (2006.01)
E06B 7/20 (2006.01)
 (31) 2021904138 (32) 20.12.21 (33) AU
 (43) 06.07.2023
 (72) BIRO, Mitchell
 (74) GLMR

(71) Algorand, Inc.
 (11) AU-A-2023203711
 (21) 2023203711 (22) 14.06.2023
 (54) USING VIRTUAL BLOCKCHAIN PROTOCOLS TO IMPLEMENT A FAIR ELECTRONIC EXCHANGE
 (51) Int. Cl.
H04L 9/32 (2006.01)
H04L 9/08 (2006.01)
 (43) 06.07.2023
 (62) 2019396425
 (72) MICALI, Silvio
 (74) RnB IP Pty Ltd

(71) Allume Energy Pty Ltd
 (11) AU-A-2023203617
 (21) 2023203617 (22) 09.06.2023
 (54) Behind-the-meter system and method for controlled distribution of solar energy in multi-unit buildings
 (51) Int. Cl.
H02J 3/38 (2006.01)
G01R 19/00 (2006.01)
H01L 31/04 (2014.01)
H01L 31/16 (2006.01)
H03K 17/00 (2006.01)
 (43) 06.07.2023
 (62) 2018248073
 (72) Knox, Cameron; Ting, Tian
 (74) BOSH IP Pty Ltd

(71) Alpine Immune Sciences, Inc.
 (11) AU-A-2023203586
 (21) 2023203586 (22) 08.06.2023
 (54) CD80 variant immunomodulatory proteins and uses thereof
 (51) Int. Cl.
C07K 14/705 (2006.01)
 (43) 06.07.2023
 (62) 2017248830
 (72) Swanson, Ryan; Kornacker, Michael
 (74) Davies Collison Cave Pty Ltd

Amir, S. see LivePerson, Inc.
 (21) 2023203685

Applications Open to Public Inspection - Name Index cont'd

(71) Antecip Bioventures II LLC
 (11) AU-A-2023203438
 (21) 2023203438 (22) 01.06.2023
 (54) COMPOSITIONS AND METHODS
 COMPRISING BUPROPION OR RE-
 LATED COMPOUNDS AND DEXTRO-
 METHORPHAN
 (51) Int. Cl.
A61K 31/485 (2006.01)
A61K 9/00 (2006.01)
A61K 31/137 (2006.01)
A61P 25/00 (2006.01)
 (43) 06.07.2023
 (62) 2021202497
 (72) Tabuteau, Herriot
 (74) RnB IP

(71) Apple Inc.
 (11) AU-A-2023203678
 (21) 2023203678 (22) 13.06.2023
 (54) User interfaces for enabling an activity
 (51) Int. Cl.
G06F 3/048 (2013.01)
G06F 9/451 (2018.01)
 (43) 06.07.2023
 (62) 2022202261
 (72) Zhang, Yongjun; Abbasian, Reza;
 Adler, Darin; Chan, Ada; Coffman,
 Patrick L.; Doherty, Nicholas Steph-
 en; DuBois, Dana J.; Etzel, Charles B.;
 Falkenburg, Steven; Federighi, Craig
 M.; Ferry, Kenneth Arthur Abraham;
 Foss, Christopher Patrick; Gharabally,
 Sam H.; Goldberg, Brian Erik; Khan,
 Nahir A.; Ko, Heena; Kowalczykowski,
 Keith P.; Mehra, Rishab; Paul, Grant;
 Ramaswamy, Pallavika; Ritchie, Grant;
 Robbin, Jeffrey L.; Savage, James S.;
 Sibson, Matthew; Singh, Gurshamn-
 jot; Stack, Caelan G.; Xue, Mark M.;
 Yin, Luming; Ying, Charles H.; Zhang,
 Hengliang; Zhang, Xiaoyue; Dye, Alan
 C.
 (74) FPA Patent Attorneys Pty Ltd

(71) APR Co., Ltd.
 (11) AU-A-2022218457
 (21) 2022218457 (22) 02.05.2022
 (54) Skin management device
 (51) Int. Cl.
A61H 23/02 (2006.01)
A61N 1/36 (2006.01)
A61N 5/06 (2006.01)
 (31) 10-2021-0182213 (32) 17.12.21 (33) KR
 (43) 06.07.2023
 (72) LEE, Jeong Ho; KANG, Do Hee
 (74) Griffith Hack

(71) ASSA ABLOY New Zealand Limited
 (11) AU-A-2022283751
 (21) 2022283751 (22) 08.12.2022
 (54) BOLT LOCK ASSEMBLY
 (51) Int. Cl.
E05B 63/14 (2006.01)
E05B 15/02 (2006.01)
E05B 63/00 (2006.01)
E05B 63/08 (2006.01)
E05B 65/00 (2006.01)
E05B 65/06 (2006.01)

E05B 65/08 (2006.01)
E05C 7/04 (2006.01)
E05C 9/02 (2006.01)
E05C 9/04 (2006.01)
E05B 15/00 (2006.01)
E05B 17/00 (2006.01)
E05C 7/00 (2006.01)
E05C 9/20 (2006.01)
 (31) 783277 (32) 09.12.21 (33) NZ
 (43) 06.07.2023
 (72) Li, Franklin
 (74) Ellis Terry

(71) ASSIA SPE, LLC
 (11) AU-A-2023203630
 (21) 2023203630 (22) 09.06.2023
 (54) Ergodic Spectrum Management sys-
 tems and methods
 (51) Int. Cl.
H04W 28/16 (2009.01)
H04L 12/24 (2006.01)
H04L 12/26 (2006.01)
 (43) 06.07.2023
 (62) 2020229857
 (72) CIOFFI, John; HWANG, Chan-soo;
 KERPEZ, Kenneth; OH, Jisung; KAN-
 ELLAKOPOULOS, Ioannis; CHOW,
 Peter
 (74) Griffith Hack

**Autonomous Solutions, Inc. see CNH In-
 dustrial America LLC**
 (21) 2023203706

(71) Becton, Dickinson and Company
 (11) AU-A-2023203512
 (21) 2023203512 (22) 05.06.2023
 (54) MEASUREMENT OF PROTEIN EX-
 PRESSION USING REAGENTS WITH
 BARCODED OLIGONUCLEOTIDE SE-
 QUENCES
 (51) Int. Cl.
G01N 33/68 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/50 (2006.01)
G01N 33/543 (2006.01)
G16C 10/00 (2019.01)
 (43) 06.07.2023
 (62) 2017331459
 (72) Fan, Christina; Chang, Christina; Shum,
 Eleen; Zoellner, Olaf; Bansal, Nidhan-
 jali; Ghadiali, James; Lam, Gretchen
 Yinbon; Jensen, Eric; Rohrer, Jurg;
 Gaylord, Brent; Martin, Jody; Vidal,
 Jason G.
 (74) Pizeys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) Becton, Dickinson and Company
 (11) AU-A-2023203728
 (21) 2023203728 (22) 15.06.2023
 (54) Securement dressing for vascular ac-
 cess device with skin adhesive applica-
 tion window
 (51) Int. Cl.
A61M 25/02 (2006.01)
A61F 13/00 (2006.01)

(43) 06.07.2023
 (62) 2017377911
 (72) Burkholz, Jonathan Karl
 (74) FB Rice Pty Ltd

(71) Beijing Tusen Zhitu Technology Co.,
 Ltd.
 (11) AU-A-2022283764
 (21) 2022283764 (22) 09.12.2022
 (54) Trailer and vehicle
 (51) Int. Cl.
B62D 53/06 (2006.01)
B60D 1/01 (2006.01)
B60D 1/26 (2006.01)
 (31) 202123233743.8 (32) 21.12.21 (33) CN
 202220951238.2 22.04.22 CN
 (43) 06.07.2023
 (72) LIU, Chong; SUN, Ming; WANG, Zhib-
 ing; HAO, Jianan
 (74) FB Rice Pty Ltd

(71) Better Walk, Inc.
 (11) AU-A-2023203493
 (21) 2023203493 (22) 05.06.2023
 (54) Joint stabilization garments
 (51) Int. Cl.
A63B 21/00 (2006.01)
A41D 1/00 (2018.01)
A61F 5/01 (2006.01)
A61H 1/00 (2006.01)
 (43) 06.07.2023
 (62) 2018321872
 (72) UNNAVA, Partha Sarathy; HARMON,
 Tyler Jack Prescott
 (74) Spruson & Ferguson

(71) Biocompatibles UK Limited; The John
 Hopkins University
 (11) AU-A-2023203719
 (21) 2023203719 (22) 14.06.2023
 (54) Radioactive microspheres for the treat-
 ment of CNS tumours
 (51) Int. Cl.
A61K 51/12 (2006.01)
A61P 35/00 (2006.01)
 (43) 06.07.2023
 (62) 2020237477
 (72) PASCIAK, Alexander; WEISS, Clifford;
 DREHER, Matthew R.
 (74) Spruson & Ferguson

(71) BIORA THERAPEUTICS, INC.
 (11) AU-A-2023203543
 (21) 2023203543 (22) 07.06.2023
 (54) TREATMENT OF A DISEASE OF THE
 GASTROINTESTINAL TRACT WITH A
 TNF INHIBITOR
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61M 31/00 (2006.01)
C07K 16/24 (2006.01)
 (43) 06.07.2023
 (62) 2017378393
 (72) Jones, Mitchell Lawrence; Singh, Shar-
 at; Wahl, Christopher Loren; Stylli,
 Harry
 (74) Davies Collison Cave Pty Ltd

Applications Open to Public Inspection - Name Index cont'd

-
- (71) Blaze Bioscience, Inc.
 (11) AU-A-2023202389
 (21) 2023202389 (22) 19.04.2023
 (54) Chlorotoxin conjugates and methods of use thereof
 (51) Int. Cl.
 C07K 14/435 (2006.01)
 A61K 38/02 (2006.01)
 A61K 38/07 (2006.01)
 C12N 9/96 (2006.01)
 (43) 06.07.2023
 (62) 2021202814
 (72) JOCHHEIM, Claudia; MILLER, Dennis M.; NAIRN, Natalie; STROUD, Mark; BYRNES-BLAKE, Kelly; HANSEN, Stacey J.; NOVAK, Julia E.; WISS, Valorie R.
 (74) Griffith Hack
-
- (71) Blue River Technology Inc.
 (11) AU-A-2022259722
 (21) 2022259722 (22) 25.10.2022
 (54) FARMING MACHINE WITH FORWARD-LOOKING SENSOR SYSTEM AND ACTUATABLE BEAM
 (51) Int. Cl.
 A01M 21/00 (2006.01)
 A01B 79/00 (2006.01)
 A01C 21/00 (2006.01)
 A01M 7/00 (2006.01)
 (31) 17/553,232 (32) 16.12.21 (33) US
 (43) 06.07.2023
 (72) Montgomery, Paul Yalden; Redden, Lee Kamp
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) Boehringer Ingelheim International GmbH
 (11) AU-A-2023203530
 (21) 2023203530 (22) 06.06.2023
 (54) Methods of treating inflammatory diseases
 (51) Int. Cl.
 C07K 16/24 (2006.01)
 (43) 06.07.2023
 (62) 2016323152
 (72) BOECHER, Wulf Otto; GALLER, Annette Bettina; LALOVIC, Bojan; PADULA, Steven John; SCHOLL, Paul; VISVANATHAN, Sudha
 (74) Spruson & Ferguson
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- (71) Bonatrans Group A.S.
 (11) AU-A-2023203629
 (21) 2023203629 (22) 09.06.2023
 (54) Axle for rail vehicles
 (51) Int. Cl.
 B60B 37/00 (2006.01)
 C21D 1/10 (2006.01)
 (43) 06.07.2023
 (62) 2017293982
 (72) Fajkoš, Rostislav
 (74) Griffith Hack
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- (71) Boston Scientific Scimed, Inc.
 (11) AU-A-2023203577
 (21) 2023203577 (22) 08.06.2023
 (54) Devices to access peripheral regions of the lung for direct visualization with tool attachment
 (51) Int. Cl.
 A61B 10/02 (2006.01)
 A61B 10/04 (2006.01)
 (43) 06.07.2023
 (62) 2020278580
 (72) WALSH, Kevin; DITULLIO, Jeremy; GARRITY, Douglas W.; NOYES, Tyler; O'SHAUGHNESSY, Seamus F.; JOHNSON, Austin G.; HARRIS, Colby
 (74) Spruson & Ferguson
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- (71) BrainChip, Inc.
 (11) AU-A-2022287647
 (21) 2022287647 (22) 15.12.2022
 (54) AN IMPROVED SPIKING NEURAL NETWORK
 (51) Int. Cl.
 G06N 3/049 (2023.01)
 G06N 3/045 (2023.01)
 G06N 3/063 (2023.01)
 G06N 3/088 (2023.01)
 (31) 2021904165 (32) 21.12.21 (33) AU
 (43) 06.07.2023
 (72) McLelland, Douglas; Johnson, Keith; Carlson, Kristofor; Joshi, Milind
 (74) Integrated IP
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- (71) Breville Pty Limited
 (11) AU-A-2023203574
 (21) 2023203574 (22) 08.06.2023
 (54) Slow cooker
 (51) Int. Cl.
 A47J 36/00 (2006.01)
 A47J 27/00 (2006.01)
 (43) 06.07.2023
 (62) 2017276807
 (72) MCCLEAN, Stephen John; BARNARD, Pierce James; HELLMERS, Duncan Bruce
 (74) GLMR
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- (71) BRISTOL-MYERS SQUIBB COMPANY
 (11) AU-A-2023203695
 (21) 2023203695 (22) 14.06.2023
 (54) MACROCYCLES WITH HETEROCYCLIC P2' GROUPS AS FACTOR XIA INHIBITORS
 (51) Int. Cl.
 C07D 471/08 (2006.01)
 A61K 31/529 (2006.01)
 A61P 7/00 (2006.01)
 C07D 487/08 (2006.01)
 (43) 06.07.2023
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 (74) AJ PARK
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- (71) Cambridge Enterprise Limited; The Sydney Children's Hospitals Network (Randwick and Westmead)
 (11) AU-A-2023202099
 (21) 2023202099 (22) 05.04.2023
 (54) Treatment of complement-mediated disorders
 (51) Int. Cl.
 C07K 14/47 (2006.01)
 A61K 48/00 (2006.01)
 (43) 06.07.2023
 (62) 2017264750
 (72) Lachmann, Peter; Alexander, Ian
 (74) FB Rice Pty Ltd
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- (71) Caretech Services Pty Ltd
 (11) AU-A-2023203676
 (21) 2023203676 (22) 13.06.2023
 (54) A platform and system for use in therapeutic procedures
 (51) Int. Cl.
 A61B 50/31 (2016.01)
 A61M 5/00 (2006.01)
 (43) 06.07.2023
 (62) 2019220922
 (72) WEARNE, David
 (74) WRAYS PTY LTD
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- (71) CATERPILLAR INC.
 (11) AU-A-2022275450
 (21) 2022275450 (22) 23.11.2022
 (54) LIFTING DEVICES AND METHODS
 (51) Int. Cl.
 B66C 1/66 (2006.01)
 B66C 1/00 (2006.01)
 B66F 19/00 (2006.01)
 (31) 17/552,966 (32) 16.12.21 (33) US
 (43) 06.07.2023
 (72) SEKULICH, Michael S.; PILLIS, Jeffrey M.; JAROSIEWICZ, Diana K.; NIENKE, Trevor C.; FURR, Henry L.; ROMINGER, Mark A.
 (74) FPA Patent Attorneys Pty Ltd
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- (71) CFPH, LLC
 (11) AU-A-2023203593
 (21) 2023203593 (22) 08.06.2023
 (54) SYSTEM FOR PEER-TO-PEER WIRELESS GAMING
 (51) Int. Cl.
 A63F 9/24 (2006.01)
 A63F 13/00 (2014.01)
 G06F 17/00 (2019.01)
 (43) 06.07.2023
 (62) 2021203137
 (72) Amaitis, Lee M.; Asher, Joseph M.; Mylet, Darrin M.; Wilkins, Alan B.; Bahrampour, Robert; Lutnick, Howard W.
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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- (71) CFPH, LLC
 (11) AU-A-2023203661
 (21) 2023203661 (22) 13.06.2023
 (54) GAME ACCOUNT ACCESS DEVICE

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G06F 17/00 (2019.01)
A63F 9/00 (2006.01)
A63F 13/00 (2014.01)
G06K 5/00 (2006.01)
(43) 06.07.2023
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(72) Asher, Joseph M.; Alderucci, Dean P.; Gelman, Geoffrey M.; Rushin, Ronald
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Chengdu Anticancer Bioscience, Ltd.
(11) AU-A-2022235641
(21) 2022235641 (22) 25.09.2022
(54) GRAPH MACHINE LEARNING FOR GENERATING VALID SMALL MOLECULE COMPOUNDS
(51) Int. Cl.
G16C 20/60 (2019.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G16C 20/70 (2019.01)
(31) 63/291,552 (32) 20.12.21 (33) US
(43) 06.07.2023
(72) YU, Hongyang; YU, Hongjiang
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

CHINA COAL SCIENCE AND ENGINEERING GROUP SHENYANG RESEARCH INSTITUTE CO., LTD see FUSHUN CHINA COAL SCIENCE AND ENGINEERING TESTING CENTER CO., LTD
(21) 2022374190

CHINA MCC20 GROUP CORP. LTD see SHANGHAI ERSHIYE CONSTRUCTION CO., LTD
(21) 2022379903

(71) Clean Planet Inc.
(11) AU-A-2023203567
(21) 2023203567 (22) 07.06.2023
(54) Heat utilization system, and heat generating device
(51) Int. Cl.
F24V 30/00 (2018.01)
F28D 20/00 (2006.01)
(43) 06.07.2023
(62) 2019397742
(72) IWAMURA, Yasuhiro; ITO, Takehiko; KASAGI, Jirota; YOSHINO, Hideki; HIRANO, Shotaro; ISE, Masahide; IBARAKI, Tetsuharu
(74) Spruson & Ferguson

(71) Clean Planet Inc.
(11) AU-A-2023203569
(21) 2023203569 (22) 07.06.2023
(54) Heat utilization system, and heat generating device
(51) Int. Cl.
F24V 30/00 (2018.01)
F28D 20/00 (2006.01)

(43) 06.07.2023
(62) 2019397742
(72) IWAMURA, Yasuhiro; ITO, Takehiko; KASAGI, Jirota; YOSHINO, Hideki; HIRANO, Shotaro; ISE, Masahide; IBARAKI, Tetsuharu
(74) Spruson & Ferguson

(71) Clinicomp International, Inc.
(11) AU-A-2023203735
(21) 2023203735 (22) 15.06.2023
(54) Method and system for adapting programs for interoperability and adapters therefor
(51) Int. Cl.
G06F 16/25 (2019.01)
G06F 9/54 (2006.01)
G06F 16/242 (2019.01)
G06F 16/2453 (2019.01)
H04L 65/40 (2022.01)
(43) 06.07.2023
(62) 2022204388
(72) HAUDENSCHILD, Chris A.
(74) FB Rice Pty Ltd

(71) CNH Industrial America LLC; Kansas State University Research Foundation
(11) AU-A-2022291467
(21) 2022291467 (22) 20.12.2022
(54) System and method for an agricultural applicator
(51) Int. Cl.
A01M 7/00 (2006.01)
B05B 12/00 (2018.01)
B05B 12/08 (2006.01)
G05B 13/02 (2006.01)
G05B 21/02 (2006.01)
G05D 7/06 (2006.01)
G05D 11/02 (2006.01)
(31) 17/559,397 (32) 22.12.21 (33) US
(43) 06.07.2023
(72) Harmon, Andrew W.; Sharda, Ajay
(74) Griffith Hack

(71) CNH Industrial America LLC; Kansas State University Research Foundation
(11) AU-A-2022291469
(21) 2022291469 (22) 20.12.2022
(54) System and method for an agricultural applicator
(51) Int. Cl.
A01M 7/00 (2006.01)
B05B 12/00 (2018.01)
B05B 12/08 (2006.01)
G05B 1/00 (2006.01)
G05B 13/02 (2006.01)
G05D 7/00 (2006.01)
(31) 17/559,368 (32) 22.12.21 (33) US
(43) 06.07.2023
(72) Harmon, Andrew W.; Sharda, Ajay; Fabula, Jonathan
(74) Griffith Hack

(71) CNH Industrial America LLC; Kansas State University Research Foundation
(11) AU-A-2022291470
(21) 2022291470 (22) 20.12.2022

(54) System and method for an agricultural applicator
(51) Int. Cl.
A01M 7/00 (2006.01)
B05B 12/00 (2018.01)
B05B 12/12 (2006.01)
(31) 17/559,349 (32) 22.12.21 (33) US
(43) 06.07.2023
(72) Harmon, Andrew W.; Sharda, Ajay
(74) Griffith Hack

(71) CNH Industrial America LLC; Kansas State University Research Foundation
(11) AU-A-2022291473
(21) 2022291473 (22) 20.12.2022
(54) System and method for an agricultural applicator
(51) Int. Cl.
A01M 7/00 (2006.01)
B05B 12/00 (2018.01)
B05B 12/08 (2006.01)
G05B 13/02 (2006.01)
G05D 7/06 (2006.01)
G05D 11/02 (2006.01)
(31) 17/559,326 (32) 22.12.21 (33) US
(43) 06.07.2023
(72) Harmon, Andrew W.; Sharda, Ajay; Fabula, Jonathan
(74) Griffith Hack

(71) CNH Industrial America LLC; Autonomous Solutions, Inc.
(11) AU-A-2023203706
(21) 2023203706 (22) 14.06.2023
(54) Autoscaling rows of travel for an off-road vehicle
(51) Int. Cl.
A01B 69/04 (2006.01)
(43) 06.07.2023
(62) 2017277801
(72) Foster, Christopher Alan; Turpin, Bret Todd; Morwood, Daniel John
(74) Griffith Hack

(71) Cold Spring Harbor Laboratory; Stoke Therapeutics, Inc.
(11) AU-A-2023202216
(21) 2023202216 (22) 11.04.2023
(54) Antisense oligomers for treatment of autosomal dominant mental retardation-5 and dravet syndrome
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 15/11 (2006.01)
C12Q 1/68 (2018.01)
(43) 06.07.2023
(62) 2016370653
(72) AZNAREZ, Isabel; NASH, Huw M.; KRAINER, Adrian
(74) FB Rice Pty Ltd

(71) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
(11) AU-A-2022287616
(21) 2022287616 (22) 14.12.2022

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- (54) Electrical architecture comprising a linear photovoltaic installation consisting of multiple groups of photovoltaic panels and a DC network, connected to an AC transport network and/or an AC distribution network with possible transport of power from the AC network by the DC network
- (51) Int. Cl.
H02J 3/46 (2006.01)
H02J 1/12 (2006.01)
H02M 7/81 (2006.01)
- (31) FR2114044 (32) 20.12.21 (33) FR
(43) 06.07.2023
(72) TRAN, Quoc-Tuan
(74) Golja Haines & Friend
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- (71) COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
- (11) AU-A-2022287617
(21) 2022287617 (22) 14.12.2022
- (54) Electrical architecture comprising at least one linear photovoltaic installation formed by several groups of photovoltaic panels and by a DC network, connected to an AC transmission network and/or an AC distribution network with arbitration of the power injected from the DC network to the AC network.
- (51) Int. Cl.
H02J 3/46 (2006.01)
H02J 1/12 (2006.01)
H02M 7/493 (2007.01)
- (31) FR2114042 (32) 20.12.21 (33) FR
(43) 06.07.2023
(72) TRAN, Quoc-Tuan
(74) Golja Haines & Friend
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- (71) Corium, LLC.
- (11) AU-A-2023203613
(21) 2023203613 (22) 09.06.2023
- (54) TRANSDERMAL DELIVERY SYSTEMS WITH PHARMACOKINETICS BIOEQUIVALENT TO ORAL DELIVERY
- (51) Int. Cl.
A61K 31/445 (2006.01)
A61K 9/70 (2006.01)
A61K 31/13 (2006.01)
A61K 31/137 (2006.01)
A61P 25/28 (2006.01)
- (43) 06.07.2023
(62) 2017302305
(72) Singh, Parminder; Lee, Eun Soo; Jain, Amit K.
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Corium, LLC.
- (11) AU-A-2023203616
(21) 2023203616 (22) 09.06.2023
- (54) SODIUM BICARBONATE IN SITU CONVERSION DRIVEN TRANSDERMAL DELIVERY OF AMINE DRUG
- (51) Int. Cl.
A61K 9/70 (2006.01)
A61K 31/13 (2006.01)
A61K 31/137 (2006.01)
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- (71) Corium, LLC.
- (11) AU-A-2023203618
(21) 2023203618 (22) 09.06.2023
- (54) TRANSDERMAL FORMULATION AND DELIVERY METHOD OF LOW SOLUBILITY OR UNSTABLE UNIONIZED NEUTRAL DRUGS BY IN SITU SALT-TO-NEUTRAL DRUG CONVERSION OF SALT DRUG
- (51) Int. Cl.
A61K 9/70 (2006.01)
A61K 31/13 (2006.01)
A61K 31/137 (2006.01)
A61K 31/18 (2006.01)
A61K 31/27 (2006.01)
A61K 31/445 (2006.01)
A61P 13/00 (2006.01)
A61P 13/02 (2006.01)
A61P 25/00 (2006.01)
A61P 25/04 (2006.01)
A61P 25/16 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/28 (2006.01)
A61P 25/36 (2006.01)
A61P 35/00 (2006.01)
- (43) 06.07.2023
(62) 2017302306
(72) Lee, Eun Soo; Jain, Amit K.; Singh, Parminder; Sagi, Appala
(74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Cornell University
- (11) AU-A-2023203581
(21) 2023203581 (22) 08.06.2023
- (54) Double targeted constructs to affect tumor kill
- (51) Int. Cl.
A61K 51/08 (2006.01)
A61P 35/00 (2006.01)
- (43) 06.07.2023
(62) 2017281364
(72) BABICH, John W.; KELLY, James M.; AMOR-COARASA, Alejandro; PONTALA, Shashikanth
(74) FB Rice Pty Ltd
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- Cripps Clark, J. see Cripps Clark, J.
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- (21) 2023203325
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- Cripps Clark, J. see Cripps Clark, J.
(21) 2023203325
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- Cripps Clark, J. see Cripps Clark, J.
(21) 2023203325
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- Cripps Clark, J. see Cripps Clark, J.
(21) 2023203325
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- (71) Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.; Cripps Clark, J.
- (11) AU-A-2023203325
(21) 2023203325 (22) 28.05.2023
- (54) The SoupSauce specification is an extension to the invention for block chain processing for consistent asynchronous, non-linear, localized, state-driven and/or condition-based procedurality in distributed systems (and enabling safer application of AI learning) for distributed information system processing for wide regulatory purposes related to digital technologies.
- (51) Int. Cl.
G06F 18/243 (2023.01)
G06F 16/28 (2019.01)
G06N 5/022 (2023.01)
G06N 20/00 (2019.01)
G06Q 10/10 (2023.01)
- (31) 2022901447 (32) 29.05.22 (33) AU
(43) 06.07.2023
(62) 2021104349,2021236587,2022201926,2023201205
(72) Cripps Clark, Julianne Mary; Cripps Clark, Julianne; Cripps Clark, Julianne
(74) Julianne Mary Cripps Clark
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- (71) CSR Industries Inc.
- (11) AU-A-2022275511
(21) 2022275511 (22) 25.11.2022
- (54) CEILING TILE AND ASSEMBLY CONSTRUCTED OF RECYCLED MATERIALS
- (51) Int. Cl.
B32B 5/16 (2006.01)
B32B 29/04 (2006.01)
B32B 37/10 (2006.01)
B32B 37/12 (2006.01)
E04B 9/04 (2006.01)
- (31) 17/554,502 (32) 17.12.21 (33) US
(43) 06.07.2023
(72) DOWNEY, Paul Charles
(74) Franke Hyland Pty Ltd
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- (71) Culley, T.
- (11) AU-A-2022287605
(21) 2022287605 (22) 14.12.2022
- (54) Enclosure for a Visible Break Isolator
- (51) Int. Cl.
H01H 9/04 (2006.01)
H02B 1/28 (2006.01)
H02B 1/30 (2006.01)

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H02B 1/56 (2006.01)
H05K 5/02 (2006.01)
H05K 7/20 (2006.01)
(31) 2021904083 **(32)** 16.12.21 **(33)** AU
(43) 06.07.2023
(72) Culley, Troy
(74) Caska Intellectual Property Pty Ltd

(71) CURTIS, M.
(11) AU-A-2023203639
(21) 2023203639 **(22)** 09.06.2023
(54) Precast Concrete Panels used as Surface Lining of Perimeter Surfaces of Excavations
(51) Int. Cl.
E02D 5/30 (2006.01)
(43) 06.07.2023
(62) 2016204976
(72) CURTIS, Mark Robert Edmund
(74) Wallington-Dummer

(71) CyDex Pharmaceuticals, Inc.
(11) AU-A-2023203660
(21) 2023203660 **(22)** 13.06.2023
(54) Formulations containing acetaminophen and sulfoalkyl ether cyclodextrin
(51) Int. Cl.
A61K 31/167 (2006.01)
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 47/40 (2006.01)
A61P 25/04 (2006.01)
A61P 29/00 (2006.01)
(43) 06.07.2023
(62) 2017326519
(72) Pipkin, James D.; Mosher, Gerold L.; Rajewski, Roger
(74) Davies Collison Cave Pty Ltd

(71) Daiichi Sankyo Company, Limited
(11) AU-A-2023203615
(21) 2023203615 **(22)** 09.06.2023
(54) Improved method for producing antibody-drug conjugate
(51) Int. Cl.
C07K 5/10 (2006.01)
A61K 39/395 (2006.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
C07C 237/08 (2006.01)
(43) 06.07.2023
(62) 2018327171
(72) YAMAGUCHI, Tatsuya; KOUKO, Takashi; NOGUCHI, Shigeru; YAMANE, Yohei; KONDO, Fumikatsu; AOKI, Takahiro; TAKEDA, Tadahiro; SAKANISHI, Kohei; SATO, Hitoshi; UEDA, Tsuyoshi; MATUURA, Shinji; KURAHASHI, Kei; KITAGAWA, Yutaka; NAKAMURA, Tatsuya
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022246443
(21) 2022246443 **(22)** 07.10.2022

(54) Crop constituents and agricultural harvester control
(51) Int. Cl.
A01B 69/00 (2006.01)
A01B 79/00 (2006.01)
A01D 41/127 (2006.01)
A01D 47/00 (2006.01)
G05B 13/04 (2006.01)
G06F 16/28 (2019.01)
G06Q 50/02 (2012.01)
(31) 17/556,121 **(32)** 20.12.21 **(33)** US
(43) 06.07.2023
(72) McDonald, Brandon M.; Satchell, Ryan F.; Roth, Christopher L.; Meister, Timothy O.; Anderson, Noel W.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022252781
(21) 2022252781 **(22)** 13.10.2022
(54) Methods and apparatus to generate calibration models in a cloud environment
(51) Int. Cl.
G01D 18/00 (2006.01)
G01N 21/35 (2014.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 50/02 (2012.01)
H04W 4/38 (2018.01)
(31) 17/645,702 **(32)** 22.12.21 **(33)** US
(43) 06.07.2023
(72) Pickett, Terence D.; Schade, Peter; Boydell, Broughton; Stone, John H.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022252782
(21) 2022252782 **(22)** 13.10.2022
(54) Power shift transmission
(51) Int. Cl.
F16H 37/06 (2006.01)
(31) 63/265,731 **(32)** 20.12.21 **(33)** US
 17/647,541 10.01.22 US
(43) 06.07.2023
(72) Stafsholt, Kevin B.; Dostal, Andrew D.; Shores, Benjamin E.; McClain, Brett D.; Behera, Ajit R.; Mischel, Amber R.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2022263529
(21) 2022263529 **(22)** 03.11.2022
(54) Distribution tube for static mixer
(51) Int. Cl.
B05B 7/26 (2006.01)
A01M 7/00 (2006.01)
B01F 25/40 (2022.01)
B05B 13/00 (2006.01)
(31) 63/291,706 **(32)** 20.12.21 **(33)** US
 17/973,881 26.10.22 US
(43) 06.07.2023
(72) Warnke, Tyler J.; Drenth, Samuel W.; Sporrer, Curtis J.
(74) Davies Collison Cave Pty Ltd

(71) Deere & Company
(11) AU-A-2023203587
(21) 2023203587 **(22)** 08.06.2023
(54) Seed dispersion unit
(51) Int. Cl.
A01C 7/16 (2006.01)
(43) 06.07.2023
(62) 2021202599
(72) Borkgren, Stanley R.
(74) Davies Collison Cave Pty Ltd

(71) Doka GmbH
(11) AU-A-2023203707
(21) 2023203707 **(22)** 14.06.2023
(54) Method for erecting a concrete structure and climbing formwork
(51) Int. Cl.
E04G 11/28 (2006.01)
E04B 1/35 (2006.01)
E04G 11/24 (2006.01)
E04G 17/00 (2006.01)
E04G 19/00 (2006.01)
(43) 06.07.2023
(62) 2018223908
(72) GRÜBLER, Stefan
(74) Spruson & Ferguson

(71) Dolby International AB; Dolby Laboratories Licensing Corporation
(11) AU-A-2023203584
(21) 2023203584 **(22)** 08.06.2023
(54) Audio encoding and decoding using presentation transform parameters
(51) Int. Cl.
H04S 1/00 (2006.01)
H04S 3/00 (2006.01)
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(43) 06.07.2023
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(71) DSG Technology Holdings Ltd
(11) AU-A-2023202088
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(54) METHOD OF MAKING AN ABSORBENT COMPOSITE AND ABSORBENT ARTICLES EMPLOYING THE SAME
(51) Int. Cl.
A61F 13/49 (2006.01)
(43) 06.07.2023
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A61F 2/24 (2006.01)
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 (21) 2023203729 (22) 15.06.2023
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 (51) Int. Cl.
B25F 5/00 (2006.01)
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 (31) 20 2021 106 961.9 (32) 21.12.21 (33) DE
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 (72) FROHNAUER, Simon
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(71) Elanco US Inc.
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 (51) Int. Cl.
A61P 17/00 (2006.01)
A61K 31/519 (2006.01)
C07D 487/04 (2006.01)
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 (54) Vehicle mounted water tank
 (51) Int. Cl.
B60P 3/22 (2006.01)
 (43) 06.07.2023
 (72) Gerdes, Harrison
 (74) Elemental metal fabrication

(71) Entos Pharmaceuticals Inc.
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 (21) 2023203737 (22) 15.06.2023
 (54) Methods for diagnosing and treating metastatic cancer
 (51) Int. Cl.
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/04 (2006.01)
C12N 15/113 (2010.01)
 C12Q 1/68 (2018.01)
 G01N 33/53 (2006.01)
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 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

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 (51) Int. Cl.
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 (51) Int. Cl.
G06F 9/44 (2018.01)
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 (11) AU-A-2022287618
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 (54) A ROTOR POSITION SENSOR SYSTEM FOR A SLOTLESS MOTOR
 (51) Int. Cl.
H02K 11/20 (2016.01)
H02K 1/22 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (54) A Jamb liner and jamb liner assembly
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E05D 13/00 (2006.01)
E05F 3/18 (2006.01)
E06B 3/44 (2006.01)
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 (74) mdp Patent and Trade Mark Attorneys

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 (54) METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH AN ABNORMAL INFLAMMATORY RESPONSES
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A61K 31/167 (2006.01)
A61P 1/00 (2006.01)
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 (72) Glick, Gary D.; Franchi, Luigi; Santus, Giancarlo
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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 (54) CONNECTORS FOR CONDUITS
 (51) Int. Cl.
A61M 16/08 (2006.01)
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 (54) VALVE WITH INTERNAL MEMBER
 (51) Int. Cl.
F16K 7/18 (2006.01)
A61M 16/20 (2006.01)
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A61F 2/14 (2006.01)
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 (51) Int. Cl.
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 (74) Baxter Patent Attorneys Pty Ltd
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 (21) 2022283721 (22) 08.12.2022
 (54) Hemostatic material composition
 (51) Int. Cl.
A61K 31/721 (2006.01)
A61K 9/10 (2006.01)
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 (54) Hemostatic material composition
 (51) Int. Cl.
A61L 15/28 (2006.01)
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A61K 31/721 (2006.01)
A61K 47/06 (2006.01)
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 (54) Servicing proposal period adjustment device and air conditioning system
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G06Q 10/00 (2023.01)
F24F 11/32 (2018.01)
F24F 11/50 (2018.01)
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H02H 1/00 (2006.01)
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 (11) AU-A-2023203734
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 (54) Seed train processes and uses thereof
 (51) Int. Cl.
C12N 5/077 (2010.01)
C12M 1/00 (2006.01)
C12M 3/06 (2006.01)
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 (51) Int. Cl.
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 (54) A process for treating refractory sulphide ore and a solids-gas reactor therefor
 (51) Int. Cl.
C22B 1/11 (2006.01)
C01B 13/32 (2006.01)
C01B 17/96 (2006.01)
C22B 5/08 (2006.01)
C22B 5/12 (2006.01)
B01J 8/00 (2006.01)
B01J 8/08 (2006.01)
B01J 8/12 (2006.01)
B02C 4/00 (2006.01)
B02C 17/00 (2006.01)
C22B 11/00 (2006.01)
C22B 15/00 (2006.01)
C22B 19/00 (2006.01)
C22B 23/00 (2006.01)
 (31) 2021904172 (32) 21.12.21 (33) AU
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 (74) DAVID James BUDGE
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G10L 15/00 (2013.01)
G06F 16/00 (2019.01)
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) ACCESS POINT DEVICE
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H04L 12/02 (2006.01)
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 (54) Wellbore stability compositions com-
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 (51) Int. Cl.
C09K 8/487 (2006.01)
E21B 43/12 (2006.01)
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 Jeffrey J.; SHUMWAY, William W.
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 (11) AU-A-2023203697
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 (54) APPARATUS AND METHOD FOR
 CONTROLLING ANIMAL POSITIONS
 (51) Int. Cl.
A01K 15/02 (2006.01)
A01K 27/00 (2006.01)
 (43) 06.07.2023
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 (74) AJ PARK

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 (54) PREPREGS, CORES AND COMPOS-
 ITE ARTICLES INCLUDING EXPAND-
 ABLE GRAPHITE MATERIALS
 (51) Int. Cl.
B05D 1/40 (2006.01)
B32B 5/18 (2006.01)
B32B 27/12 (2006.01)
B32B 27/14 (2006.01)
C08K 3/04 (2006.01)
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 Tseng, Yu-tsan; Roberts, Troy D.;
 Vorenkamp, Erich
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 unregistered detonator in detonator list
 and confirming ID
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H04W 56/00 (2009.01)
F42D 1/055 (2006.01)
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F16L 37/08 (2006.01)
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 (54) SLIP DOUBLE BOWL CONNECTOR
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E03C 1/182 (2006.01)
E03C 1/22 (2006.01)
F16L 27/12 (2006.01)
 (43) 06.07.2023
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 (74) Leigh Andrew Harpur

(71) Hisense Ronshen (Guangdong) Refri-
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 (21) 2023203620 (22) 09.06.2023
 (54) REFRIGERATOR
 (51) Int. Cl.
F25D 23/12 (2006.01)
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 (74) Adams Pluck

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 (54) Data exchange and processing syn-
 chronization in distributed systems
 (51) Int. Cl.
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 Dmitry
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(71) HydroGreen, Inc.
 (11) AU-A-2023203560
 (21) 2023203560 (22) 07.06.2023
 (54) Controller for a hydroponic grower
 (51) Int. Cl.
A01G 31/06 (2006.01)
A01G 9/02 (2018.01)

A01G 9/24 (2006.01)
A01G 31/04 (2006.01)
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 STON, Craig; KELLY, Ben
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 (21) 2023203667

(71) Idemia Identity & Security USA LLC
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 (54) Texture-based authentication of digital
 identity documents
 (51) Int. Cl.
G06V 30/41 (2022.01)
G06F 21/60 (2013.01)
G06F 40/166 (2020.01)
G06T 7/00 (2017.01)
G06T 11/00 (2006.01)
G06T 15/04 (2011.01)
G06V 10/44 (2022.01)
G06V 10/46 (2022.01)
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 (72) Martin, Brian; Hsu, Rein-Lien
 (74) FPA Patent Attorneys Pty Ltd

(71) IGT
 (11) AU-A-2022283626
 (21) 2022283626 (22) 05.12.2022
 (54) Sporting event wagering with insurance
 (51) Int. Cl.
G07F 17/32 (2006.01)
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 (43) 06.07.2023
 (72) Inamdar, Prasad
 (74) Clark Intellectual Property Pty Ltd

(71) Illumina, Inc.
 (11) AU-A-2023203725
 (21) 2023203725 (22) 14.06.2023
 (54) Illumination for fluorescence imaging
 using objective lens
 (51) Int. Cl.
G01N 21/17 (2006.01)
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 (62) 2021203819
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 Danilo; DEHLINGER, Dietrich; ERIE,
 Frederick; HONG, Stanley S.; KRUM-
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 LIU, Aaron; NEMIROSKI, Alex;
 OBRADOVIC, Bojan; PRATT, Mark;
 SUN, Yinghua
 (74) WRAYS PTY LTD

(71) Instrumentation Laboratory Company
 (11) AU-A-2022283636
 (21) 2022283636 (22) 05.12.2022
 (54) A MICROFLUIDIC IMAGE ANALYSIS
 SYSTEM

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(51) Int. Cl.
G06T 7/00 (2017.01)
G01N 21/01 (2006.01)
G01N 33/49 (2006.01)
G06T 1/00 (2006.01)
(31) 17/555,939 (32) 20.12.21 (33) US
(43) 06.07.2023
(72) Balasubramanian, Shankar;
Dobromyslin, Vitaly
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Intermetro Industries Corporation
(11) AU-A-2023203621
(21) 2023203621 (22) 09.06.2023
(54) Shelving and storage system having adjustable heated shelves

(51) Int. Cl.
A47J 36/24 (2006.01)
A47J 39/02 (2006.01)
A47J 47/14 (2006.01)
B65D 25/02 (2006.01)
B65D 81/38 (2006.01)
F24C 7/06 (2006.01)
(43) 06.07.2023
(62) 2021244221
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(74) Davies Collison Cave Pty Ltd

(71) Intermetro Industries Corporation
(11) AU-A-2023203622
(21) 2023203622 (22) 09.06.2023
(54) Shelving and storage system having adjustable heated shelves

(51) Int. Cl.
A47J 36/24 (2006.01)
A47J 39/02 (2006.01)
A47J 47/14 (2006.01)
B65D 25/02 (2006.01)
B65D 81/38 (2006.01)
F24C 7/06 (2006.01)
(43) 06.07.2023
(62) 2021244221
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(74) Davies Collison Cave Pty Ltd

(71) Intocell, Inc.
(11) AU-A-2023203485
(21) 2023203485 (22) 05.06.2023
(54) Novel benzodiazepine derivatives and uses thereof

(51) Int. Cl.
C07D 487/04 (2006.01)
A61P 35/00 (2006.01)
(43) 06.07.2023
(62) 2019276833
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(74) Pearce IP Pty Ltd

(71) Intuit Inc.
(11) AU-A-2022203715
(21) 2022203715 (22) 31.05.2022
(54) Extracting explainable corpora embeddings

(51) Int. Cl.
G06F 16/332 (2019.01)
G06F 16/901 (2019.01)
G06F 16/9535 (2019.01)
G06F 40/20 (2020.01)
G06N 5/02 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(54) Last mile churn prediction

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H04L 65/1066 (2022.01)
G06F 16/958 (2019.01)
G06N 3/02 (2006.01)
G06Q 10/00 (2012.01)
H04L 65/1069 (2022.01)
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(74) Davies Collison Cave Pty Ltd

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G06Q 10/06 (2012.01)
G01D 4/00 (2006.01)
G05B 13/02 (2006.01)
G06Q 50/06 (2012.01)
H02J 3/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) Protective articles and methods thereof

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A63B 71/12 (2006.01)
A41D 13/015 (2006.01)
A41D 13/05 (2006.01)
A61F 5/055 (2006.01)
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F01K 27/02 (2006.01)
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B66D 1/76 (2006.01)
B63B 27/08 (2006.01)
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B66D 1/60 (2006.01)
F16G 11/06 (2006.01)
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G16H 20/10 (2018.01)
G16H 40/40 (2018.01)
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A61K 31/497 (2006.01)
A61P 7/00 (2006.01)
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B07C 5/34 (2006.01)
B08B 13/00 (2006.01)
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
B65G 43/08 (2006.01)
G01N 21/90 (2006.01)
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H04N 23/68 (2023.01)
A61B 5/00 (2006.01)
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F16M 11/10 (2006.01)
F16M 11/18 (2006.01)
G03B 17/00 (2021.01)
G06V 10/70 (2022.01)
H04N 23/611 (2023.01)
H04N 23/695 (2023.01)
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G01N 17/02 (2006.01)
G01N 27/27 (2006.01)
G01R 27/02 (2006.01)
G01R 31/12 (2020.01)
G01R 31/327 (2006.01)
H02J 50/30 (2016.01)
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A61B 50/24 (2016.01)
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A61F 9/007 (2006.01)
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G01V 3/10 (2006.01)
A01D 75/18 (2006.01)
A01G 3/04 (2006.01)
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 A61K 9/00 (2006.01)
 A61K 9/127 (2006.01)
 A61K 38/06 (2006.01)
 A61P 17/02 (2006.01)
 A61P 25/02 (2006.01)
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 A62C 35/68 (2006.01)
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 (54) Fuel characteristics
 (51) Int. Cl.
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 (54) Aviation fuel
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 G01N 33/26 (2006.01)
 F02C 7/22 (2006.01)
 F02C 9/28 (2006.01)
 F23N 5/00 (2006.01)
 G01N 29/24 (2006.01)
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 (54) Aircraft operation
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 F24F 8/108 (2021.01)
 F24F 8/125 (2021.01)
 F24F 8/95 (2021.01)
 B01D 46/52 (2006.01)
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 (72) SUTTON, Roy
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 C12N 5/00 (2006.01)
 A01N 63/00 (2020.01)
 C12N 5/02 (2006.01)
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 (72) BETANCOURT, Aline
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(71) Scott Airway Management Pty Ltd.
 (11) AU-A-2023203607

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A61M 16/04 (2006.01)
A61B 1/24 (2006.01)
 (43) 06.07.2023
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 (72) SCOTT, Paul
 (74) Michael Buck IP

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 (51) Int. Cl.
A61K 35/74 (2015.01)
A61K 39/02 (2006.01)
A61P 1/00 (2006.01)
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B60R 21/06 (2006.01)
B62K 5/01 (2013.01)
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 (72) Yuan, Dong
 (74) Madderns Pty Ltd

(71) Select Water Tanks Pty Ltd
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 (21) 2023202866 (22) 09.05.2023
 (54) A Connection System and an Assembly
 (51) Int. Cl.
B65D 88/06 (2006.01)
B65D 88/08 (2006.01)
B65D 88/52 (2006.01)
B65D 90/00 (2006.01)
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E03B 3/02 (2006.01)
E04B 1/343 (2006.01)
E04B 2/72 (2006.01)
E04B 2/74 (2006.01)
E04H 4/04 (2006.01)
E04H 7/04 (2006.01)
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 (72) McGregor, Jason; Keddie, Scott
 (74) Eagar & Associates Pty Ltd

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C04B 28/04 (2006.01)
 (31) 202111546293.X (32) 16.12.21 (33) CN
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 (11) AU-A-2023203717
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 (54) SOLAR CELL, METHOD FOR PRODUCING SAME AND SOLAR CELL MODULE
 (51) Int. Cl.
H01L 31/042 (2014.01)
H01L 31/0264 (2006.01)
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 (11) AU-A-2023203588
 (21) 2023203588 (22) 08.06.2023
 (54) SYSTEM AND METHOD FOR SWITCHING RAILCARS USING A STATIC RAIL-TRACK CONFIGURATION
 (51) Int. Cl.
B61L 11/02 (2006.01)
B61B 3/00 (2006.01)
B61F 7/00 (2006.01)
B61L 11/00 (2006.01)
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 (72) SINGHAL, Rohit; SHARMA, Ravi
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 (54) Module separation mechanism, in particular for rockets
 (51) Int. Cl.
B64G 1/64 (2006.01)
F42B 15/38 (2006.01)
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 (54) System and method for simulating system operation conditions
 (51) Int. Cl.
G06Q 10/06 (2023.01)
G05B 17/00 (2006.01)
H04L 12/28 (2006.01)
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 (21) 2022341082 (22) 15.12.2022
 (54) CONFIGURABLE REVISION ACETABULAR PROSTHESIS
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A61F 2/34 (2006.01)
A61F 2/30 (2006.01)
A61F 2/32 (2006.01)
A61F 2/36 (2006.01)
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 (74) Patentec Patent Attorneys

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 (51) Int. Cl.
G06N 10/00 (2022.01)
B82Y 10/00 (2011.01)
G01N 24/10 (2006.01)
G01R 31/26 (2020.01)
G01V 3/08 (2006.01)
G06N 3/04 (2006.01)
G06N 10/40 (2022.01)
H01L 29/66 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) Arrangements of substrings in photovoltaic modules
 (51) Int. Cl.
H02S 40/34 (2014.01)
H01L 31/044 (2014.01)
H01L 31/05 (2014.01)
H02S 20/25 (2014.01)
H02S 50/00 (2014.01)
 (31) 63/290,767 (32) 17.12.21 (33) US
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 (54) Wake-word detection suppression
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 G06F 3/16 (2006.01)
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 (72) LANG, Jonathan P.
 (74) Spruson & Ferguson

(71) Sony Corporation
 (11) AU-A-2023203570
 (21) 2023203570 (22) 07.06.2023
 (54) Sound processing device and method, and program
 (51) Int. Cl.
 H04S 5/02 (2006.01)
 H04R 1/40 (2006.01)
 H04R 3/00 (2006.01)
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 (72) TSUJI, Minoru; CHINEN, Toru
 (74) Griffith Hack

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 (54) Equipment and method for preparing an aldehyde-functionalised polymer
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 C08G 69/50 (2006.01)
 B01J 4/02 (2006.01)
 B01J 14/00 (2006.01)
 C08F 8/28 (2006.01)
 C08F 226/06 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2023203635

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 H04B 7/185 (2006.01)
 H01Q 1/28 (2006.01)
 H04W 40/12 (2009.01)
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 (72) SCHLOEMER, Gerald
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 (54) DOMESTIC HOT WATER SYSTEM
 (51) Int. Cl.
 F24D 17/00 (2022.01)
 F24H 1/10 (2022.01)
 F24H 9/13 (2022.01)

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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Stormtech Pty Limited
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 (54) Drainage channel with integral shower screen support
 (51) Int. Cl.
 E03F 5/04 (2006.01)
 A47K 3/30 (2006.01)
 E03C 1/04 (2006.01)
 E03C 1/12 (2006.01)
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 (43) 06.07.2023
 (72) Creighton, Troy
 (74) IP SOLVED (ANZ) PTY. LTD.

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 (11) AU-A-2023203594
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 (51) Int. Cl.
 A41D 13/11 (2006.01)
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 A42B 3/28 (2006.01)
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(71) STRYKER EUROPEAN OPERATIONS HOLDINGS LLC
 (11) AU-A-2023203551
 (21) 2023203551 (22) 07.06.2023
 (54) SPINAL IMPLANT WITH POROUS AND SOLID SURFACES
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 A61B 17/70 (2006.01)
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 (54) CHAIR
 (51) Int. Cl.
 A47C 4/28 (2006.01)
 A47C 7/40 (2006.01)
 A47C 7/62 (2006.01)
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 F16B 21/12 (2006.01)
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 (72) Servaites, Jeffrey; Besner, Leslie Hsu
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Taizhou Huali Plastic Co., Ltd.
 (11) AU-A-2023203722
 (21) 2023203722 (22) 14.06.2023
 (54) PVC board and method of manufacture
 (51) Int. Cl.
 E04F 13/077 (2006.01)
 B32B 27/30 (2006.01)
 B32B 33/00 (2006.01)
 C08L 27/06 (2006.01)
 C08L 27/24 (2006.01)
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 (74) WRAYS PTY LTD

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 H02K 41/06 (2006.01)

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(21) 2023203501 **(22)** 05.06.2023
(54) PSMA binding dual mode radiotracer and -therapeutics
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A61P 35/00 (2006.01)
A61K 51/04 (2006.01)
A61K 51/10 (2006.01)
C07B 59/00 (2006.01)
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(72) WURZLER, Alexander Josef; WESTER, Hans-Jürgen; EIBER, Matthias Johannes
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(21) 2023203628 **(22)** 09.06.2023
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H04N 19/107 (2014.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2023203638 **(22)** 09.06.2023
(54) Method and Apparatus for Video Coding
(51) Int. Cl.
H04N 19/40 (2014.01)
H04N 19/13 (2014.01)
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(54) Method and Apparatus for Cross-Component Filtering
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H04N 19/117 (2014.01)
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H04N 19/597 (2014.01)
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(54) METHOD FOR REFERENCE PICTURE RESAMPLING WITH OFFSET IN VIDEO BITSTREAM
(51) Int. Cl.
H04N 19/00 (2014.01)
H04N 19/167 (2014.01)
(43) 06.07.2023
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(72) Choi, Byeongdo; Wenger, Stephan; Liu, Shan
(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2022283771
(21) 2022283771 **(22)** 09.12.2022
(54) Frequency generator for generating a working frequency for a rail contact of an axle counter, axle counter and method for generating a working frequency for a rail contact of an axle counter
(51) Int. Cl.
H02M 7/162 (2006.01)
H02J 3/01 (2006.01)
H02J 50/12 (2016.01)
H02M 1/38 (2007.01)
H02P 27/18 (2006.01)
(31) 21215978.4 **(32)** 20.12.21 **(33)** EP
(43) 06.07.2023
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(74) Davies Collison Cave Pty Ltd

The Board of Trustees of The Leland Stanford Junior University see University of Washington
(21) 2023203727

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(21) 2023203719

(71) The NOCO Company
(11) AU-A-2023203625
(21) 2023203625 **(22)** 09.06.2023
(54) Portable or hand held vehicle battery jump starting apparatus with battery cell equalization circuit
(51) Int. Cl.
H02J 7/04 (2006.01)
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(54) System, method and biomarkers for airway obstruction
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A61B 5/024 (2006.01)
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
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(54) Method of analysing a spectral peak
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G01N 3/45 (2006.01)
G01N 21/45 (2006.01)
H01J 49/06 (2006.01)
(31) 2118410.6 **(32)** 17.12.21 **(33)** GB
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(71) ThermoLife International, LLC
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(51) Int. Cl.
A61K 33/00 (2006.01)
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A61K 33/08 (2006.01)
A61K 33/26 (2006.01)
A61K 33/30 (2006.01)
A61P 9/12 (2006.01)
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A61K 31/18 (2006.01)
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(71) Transportation IP Holdings, LLC
(11) AU-A-2022287619
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(54) COOLING SYSTEM AND METHOD
(51) Int. Cl.
G05B 23/02 (2006.01)
F01P 7/14 (2006.01)
F01P 11/14 (2006.01)
G01F 23/00 (2022.01)
G05D 23/19 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK

(71) Trina Solar Co., Ltd.
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(54) Solar Cell And Preparation Method Thereof
(51) Int. Cl.
H01L 31/0216 (2014.01)
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(54) Sorting Waste Materials
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B07B 13/00 (2006.01)
B03B 9/06 (2006.01)
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(74) James & Wells Intellectual Property

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G06F 21/62 (2013.01)
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(21) 2023203908 **(22)** 21.06.2023
(54) Orally disintegrating pharmaceutical compositions of apixaban
(51) Int. Cl.
A61K 9/20 (2006.01)
A61K 9/16 (2006.01)
A61K 31/4162 (2006.01)
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A61K 48/00 (2006.01)
C12N 5/07 (2010.01)
C12N 5/071 (2010.01)
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(54) Utility Grid Control Using A Dynamic Power Flow Model
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G01D 4/00 (2006.01)
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H02J 3/12 (2006.01)
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(11) AU-A-2023203562
(21) 2023203562 **(22)** 07.06.2023
(54) MINIMIZING VARIATION DUE TO CONSTRUCTION AGGREGATE MOISTURE PROBES
(51) Int. Cl.
B28C 7/00 (2006.01)
B28C 5/34 (2006.01)
B28C 5/42 (2006.01)
B28C 7/02 (2006.01)
B28C 7/04 (2006.01)

(43) 06.07.2023
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(72) Roberts, Mark F.; Tregger, Nathan A.; Berodier, Elise; Goldstein, Gregory A.; Straka, Jason
(74) PHILLIPS ORMONDE FITZPATRICK

(71) VISUAL DEFENCE INC.
(11) AU-A-2022279540
(21) 2022279540 **(22)** 02.12.2022
(54) SYSTEM AND METHOD FOR OPTIMIZING COLLECTION AND TRANSMISSION OF SURVEYING DATA ACROSS A ROAD NETWORK
(51) Int. Cl.
H04Q 9/02 (2006.01)
G01C 11/00 (2006.01)
G01C 11/02 (2006.01)
G01C 11/04 (2006.01)
G01C 15/00 (2006.01)
G06T 11/00 (2006.01)
H04L 67/02 (2022.01)
H04N 7/18 (2006.01)
H04W 4/021 (2018.01)
(31) 17/559,315 **(32)** 22.12.21 **(33)** US
(43) 06.07.2023
(72) TAL, Royi; BAKONYI, Thomas; IBANA, Redenthor
(74) AJ PARK

(71) Vivia Biotech, S.L
(11) AU-A-2023203601
(21) 2023203601 **(22)** 09.06.2023
(54) Ex vivo bite-activated T cells
(51) Int. Cl.
A61K 39/00 (2006.01)
(43) 06.07.2023
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(72) Ballesteros Nobell, Juan Antonio; Benet, Teresa Ann; Hernández Campo, Pilar; Gómez González, Cristina; Gorrochategui Guillén, Julián; Martínez López, Joaquín; Robles Mateos, Alicia; Primo Ramos, Daniel
(74) Catalyst Intellectual Property

(71) VOLVO AUTONOMOUS SOLUTIONS AB
(11) AU-A-2022287579
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(54) Control system and method for manoeuvring an automated vehicle
(51) Int. Cl.
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B60Q 9/00 (2006.01)
B60W 30/18 (2012.01)
G01S 13/931 (2020.01)
G01S 15/931 (2020.01)
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G05D 1/02 (2020.01)
(31) PCT/ **(32)** 20.12.21 **(33)** WO
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(43) 06.07.2023
(72) WIBERG, Wilhelm; LJUNGQVIST, Oscar
(74) Griffith Hack

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(71) Vorwerk & Co. Interholding GmbH
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 (54) Rechargeable electric food thermometer and charging device
 (51) Int. Cl.
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 G01K 1/14 (2021.01)
 (31) 21214995.9 (32) 16.12.21 (33) EP
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 (72) Stein, Matthias; Schulz, Fabian; Serndt, Mirco
 (74) FPA Patent Attorneys Pty Ltd

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A61K 31/4188 (2006.01)
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 (72) ZHOU, Mingdong
 (74) FB Rice Pty Ltd

(71) Welter Giraldes, E.
 (11) AU-A-2022200039
 (21) 2022200039 (22) 05.01.2022
 (54) Electric power supply off the shelf
 (51) Int. Cl.
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 (72) Welter Giraldes, Eduardo
 (74) Eduardo Welter Giraldes

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 (21) 2023203717

(71) Willingdon Properties Pty Ltd
 (11) AU-A-2023203476
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 (54) Improvements in fluid sampling
 (51) Int. Cl.
 G01N 1/14 (2006.01)
 G01N 1/10 (2006.01)
 G01N 1/22 (2006.01)
 G01N 1/24 (2006.01)
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 (72) SMITH, Jarrod Nigel
 (74) Spruson & Ferguson

(71) Xefco Pty Ltd
 (11) AU-A-2023203546
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 (54) System for treatment and/or coating of substrates
 (51) Int. Cl.
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 H05H 1/24 (2006.01)
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 (72) HUSSEY, Thomas; CONOLLY, Brian; WHITBY, Scott
 (74) XEFCO PTY LTD

(71) Zensun (Shanghai) Science & Technology, Co., Ltd.
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 (51) Int. Cl.

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<hr/> <p>(71) 2MT Mining Products Pty Ltd (11) AU-A-2023100055 (21) 2023100055 (22) 13.06.2023 (54) PROTECTION SYSTEMS (51) Int. Cl. <i>E02F 9/28</i> (2006.01) <i>B65G 11/16</i> (2006.01)</p> <hr/> <p>(45) 06.07.2023 (62) 2022202367 (72) Senanayake, Mahinda Palitha (74) Ahearn Fox</p> <hr/> <p>(71) 3DMORPHIC PTY LTD (11) AU-A-2023100050 (21) 2023100050 (22) 06.06.2023 (54) Integrally formed medical devices (51) Int. Cl. <i>A61F 2/44</i> (2006.01) <i>A61B 17/70</i> (2006.01) <i>A61B 17/00</i> (2006.01) <i>A61B 17/86</i> (2006.01) <i>A61F 2/30</i> (2006.01) <i>A61F 2/46</i> (2006.01)</p> <hr/> <p>(45) 06.07.2023 (62) 2021221798 (72) PARR, William C.H. (74) Blackwattle IP</p> <hr/> <p>(71) BTL Healthcare Technologies a.s. (11) AU-A-2023100045 (21) 2023100045 (22) 22.05.2023 (54) Device and method for unattended treatment of a patient (51) Int. Cl. <i>A61N 5/06</i> (2006.01) <i>A61B 18/12</i> (2006.01) <i>A61B 18/20</i> (2006.01) <i>A61N 1/18</i> (2006.01) <i>A61N 7/00</i> (2006.01)</p> <hr/> <p>(45) 06.07.2023 (62) 2021269187 (72) SCHWARZ, Tomáš; JELÍNKOVÁ, Lucia (74) Spruson & Ferguson</p> <hr/> <p>(71) D.I.T Technologies Ltd (11) AU-A-2023100049 (21) 2023100049 (22) 01.06.2023 (54) Dosing system for dosing urea phosphate and/or a methane reducer (51) Int. Cl. <i>A01K 7/02</i> (2006.01) <i>A61D 7/00</i> (2006.01) <i>G05B 19/00</i> (2006.01)</p>	<p>(45) 06.07.2023 (62) 2019370617,2021105299,2022100179,PCT/AU2022/050369 (72) PEART, Mark Rawlinson; FEEZ, Thomas Robinson; MCCOLLUM, Vivienne (74) Spruson & Ferguson</p> <hr/> <p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2023100051 (21) 2023100051 (22) 09.06.2023 (54) PATIENT INTERFACE (51) Int. Cl. <i>A61M 16/06</i> (2006.01)</p> <hr/> <p>(45) 06.07.2023 (62) 2021221460 (72) VAN SCHALKWYK, Andre; O'DONNELL, Kevin Peter; GARCIA, Enrico Alvarez; TATKOV, Stanislav; PINKHAM, Maximilian Ichabod (74) AJ PARK</p> <hr/> <p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2023100052 (21) 2023100052 (22) 09.06.2023 (54) PATIENT INTERFACE (51) Int. Cl. <i>A61M 16/06</i> (2006.01)</p> <hr/> <p>(45) 06.07.2023 (62) 2021221460 (72) VAN SCHALKWYK, Andre; O'DONNELL, Kevin Peter; GARCIA, Enrico Alvarez; TATKOV, Stanislav; PINKHAM, Maximilian Ichabod (74) AJ PARK</p> <hr/> <p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2023100053 (21) 2023100053 (22) 09.06.2023 (54) PATIENT INTERFACE (51) Int. Cl. <i>A61M 16/06</i> (2006.01)</p> <hr/> <p>(45) 06.07.2023 (62) 2021221460 (72) VAN SCHALKWYK, Andre; O'DONNELL, Kevin Peter; GARCIA, Enrico Alvarez; TATKOV, Stanislav; PINKHAM, Maximilian Ichabod (74) AJ PARK</p> <hr/> <p>(71) FISHER & PAYKEL HEALTHCARE LIMITED (11) AU-A-2023100054 (21) 2023100054 (22) 09.06.2023 (54) PATIENT INTERFACE (51) Int. Cl.</p>	<p><i>A61M 16/06</i> (2006.01)</p> <p>(45) 06.07.2023 (62) 2021221460 (72) VAN SCHALKWYK, Andre; O'DONNELL, Kevin Peter; GARCIA, Enrico Alvarez; TATKOV, Stanislav; PINKHAM, Maximilian Ichabod (74) AJ PARK</p>
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 Peter; MEHRING, Cole; ALSLEBEN,
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F16L 11/08 (2006.01)
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F16L 53/38 (2018.01)
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 Paul
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(72) HAMILTON, Kevin; BOLLINGER, Shane; KENDRICK, Patrick
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- (71) AGRICULTURE VICTORIA SERVICES PTY LTD; HORTICULTURE INNOVATION AUSTRALIA LIMITED
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(54) DEVICES, COMPOSITIONS AND METHODS FOR INSECT CONTROL
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A01N 25/18 (2006.01)
A01N 31/02 (2006.01)
A01N 35/02 (2006.01)
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A01N 37/10 (2006.01)
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C08L 5/08 (2006.01)
A61P 35/00 (2006.01)
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F21V 3/02 (2006.01)
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G16H 50/20 (2018.01)
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G16H 50/20 (2018.01)
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A61K 9/16 (2006.01)
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B01J 13/14 (2006.01)
C07C 69/52 (2006.01)
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C08F 212/34 (2006.01)
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C07K 14/725 (2006.01)
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G06T 7/00 (2017.01)
G06T 7/40 (2017.01)
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C07K 14/43 (2006.01)
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C07D 487/14 (2006.01)
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C07K 14/47 (2006.01)
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C07D 277/10 (2006.01)
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C12N 9/22 (2006.01)
C12N 9/78 (2006.01)
C12N 15/113 (2010.01)
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 A23C 20/02 (2021.01)
 A23G 1/56 (2006.01)
 A23G 9/42 (2006.01)
 A23L 2/60 (2006.01)
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 B29C 43/02 (2006.01)
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 (74) Griffith Hack
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- (71) ARDELYX, INC.; ASTRAZENECA AB
 (11) AU-A-2021391949
 (21) 2021391949 (22) 06.12.2021
 (54) ORAL FORMULATIONS OF TENAPANOR
 (51) Int. Cl.
 A61K 9/16 (2006.01)
 A61K 9/20 (2006.01)
 A61K 31/00 (2006.01)
 (87) WO2022/120287
 (31) 63/199,078 (32) 04.12.20 (33) US
 (43) 09.06.2022
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 (54) BUFFERS AND METHODS FOR PURIFYING PROTEINS
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 C07K 1/18 (2006.01)
 C07K 1/22 (2006.01)
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 (72) HILBOLD, Nicolas-Julian; PASQUIER, Victor; DUTRONC, Thibault
 (74) Griffith Hack
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 (21) 2021401020 (22) 15.12.2021
 (54) MEDICAL DEVICE CONTROL SYSTEM, CONNECTOR, MEDICAL CON-

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(51) Int. Cl.
A61M 39/10 (2006.01)
A61H 9/00 (2006.01)
(87) WO2022/132016
(31) 2051492-3 **(32)** 18.12.20 **(33)** SE
(43) 23.06.2022
(72) NEWTON, Michael David; HIBBERDINE, John Robert.; HASSAN, Alaa
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ASHER BIOTHERAPEUTICS, INC.
(11) AU-A-2021396247
(21) 2021396247 **(22)** 08.12.2021
(54) FUSIONS OF MUTANT INTERLEUKIN-10 POLYPEPTIDES WITH ANTI-GEN BINDING MOLECULES FOR MODULATING IMMUNE CELL FUNCTION
(51) Int. Cl.
C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
C12N 15/09 (2006.01)
(87) WO2022/125712
(31) 63/123,387 **(32)** 09.12.20 **(33)** US
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(74) Griffith Hack
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- (71)** ASHER BIOTHERAPEUTICS, INC.
(11) AU-A-2021397271
(21) 2021397271 **(22)** 08.12.2021
(54) TARGETED CYTOKINE CONSTRUCT FOR ENGINEERED CELL THERAPY
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
C07K 14/54 (2006.01)
C07K 14/55 (2006.01)
C07K 16/28 (2006.01)
C07K 16/42 (2006.01)
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(43) 16.06.2022
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ASPEN AEROGELS, INC.
(11) AU-A-2021396326
(21) 2021396326 **(22)** 09.12.2021
(54) AQUEOUS PROCESSES FOR PREPARING POLYAMIC ACID GELS, POLYIMATE GELS, POLYIMIDE GELS, AND POROUS CARBON MATERIALS
(51) Int. Cl.
C08J 9/28 (2006.01)
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- (87)** WO2022/125835
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(74) Spruson & Ferguson
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- (71)** ASP GLOBAL MANUFACTURING GMBH
(11) AU-A-2021404202
(21) 2021404202 **(22)** 02.12.2021
(54) SYSTEM AND METHOD FOR MIRRORING CONDITIONS ASSOCIATED WITH A MEDICAL DEVICE REPROCESSOR
(51) Int. Cl.
A61B 1/12 (2006.01)
A61L 2/28 (2006.01)
A61B 90/70 (2016.01)
(87) WO2022/130012
(31) 63/126,614 **(32)** 17.12.20 **(33)** US
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(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71)** ATELERIX LIMITED
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(21) 2021378098 **(22)** 12.11.2021
(54) STORING AND/OR TRANSPORTING EXTRACELLULAR NUCLEIC ACIDS
(51) Int. Cl.
A61K 47/36 (2006.01)
C12N 7/00 (2006.01)
G01N 1/28 (2006.01)
(87) WO2022/101640
(31) 2017996.6 **(32)** 16.11.20 **(33)** GB
(43) 19.05.2022
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(74) AJ PARK
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(21) 2022232924 **(22)** 10.03.2022
(54) ENDOXIFEN FOR TREATMENT OF OVARIAN CANCER
(51) Int. Cl.
A61K 31/138 (2006.01)
A61K 9/06 (2006.01)
A61K 9/08 (2006.01)
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(31) 63/159,548 **(32)** 11.03.21 **(33)** US
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(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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(51) Int. Cl.
H04B 7/185 (2006.01)
(87) WO2022/150820
(31) 63/134,521 **(32)** 06.01.21 **(33)** US
 63/217,466 01.07.21 US
 63/293,579 23.12.21 US
(43) 14.07.2022
(72) CASEY, Tamara Lynne; GAGNE, Michael Robert
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021402415
(21) 2021402415 **(22)** 17.12.2021
(54) COCRYSTAL OF A CDK INHIBITOR
(51) Int. Cl.
C07D 413/14 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/130304
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(74) AJ PARK
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- (71)** AUSTRALIAN DROID & ROBOT PTY LTD
(11) AU-A-2021378824
(21) 2021378824 **(22)** 11.11.2021
(54) UNMANNED VEHICLE CONTROL, COMMUNICATION AND SAFETY SYSTEM AND METHOD
(51) Int. Cl.
G05D 1/00 (2006.01)
B60L 3/04 (2006.01)
B60W 50/04 (2006.01)
B60W 60/00 (2020.01)
G01C 21/26 (2006.01)
G05D 1/02 (2020.01)
G07C 5/08 (2006.01)
(87) WO2022/099371
(31) 2020904136 **(32)** 11.11.20 **(33)** AU
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(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71)** BAE SYSTEMS PLC
(11) AU-A-2021397863
(21) 2021397863 **(22)** 01.12.2021
(54) FLOW SYNTHESIS OF RDX
(51) Int. Cl.
C07D 251/06 (2006.01)
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(74) Spruson & Ferguson

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(21) 2021400025 (22) 06.12.2021
(54) VIBRATION CONTROL SYSTEMS
(51) Int. Cl.
F16F 7/10 (2006.01)
F16F 6/00 (2006.01)
F16F 7/104 (2006.01)
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(31) 2019754.7 (32) 15.12.20 (33) GB
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TIONS LLC
(11) AU-A-2021401546
(21) 2021401546 (22) 17.12.2021
(54) CASING SLIP HANGER RETRIEVAL
TOOL SYSTEM AND METHOD
(51) Int. Cl.
E21B 33/04 (2006.01)
E21B 23/00 (2006.01)
E21B 29/00 (2006.01)
- (87) WO2022/133493
(31) 63/127,273 (32) 18.12.20 (33) US
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(72) CHENG, Samuel; BORAK, Eugene;
HEGDE, Gajanan; RICHESON, James
(74) Patent Attorney Services
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(21) 2021409989 (22) 22.12.2021
(54) HYBRID HEAT EXCHANGER
(51) Int. Cl.
F28F 21/06 (2006.01)
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(43) 30.06.2022
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EGOLF, Kevin Ellsworth
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(21) 2022253353 (22) 08.04.2022
(54) CAR SEAT AND AUTOMATIC BELT
ADJUSTMENT APPARATUS THERE-
OF
(51) Int. Cl.
B60R 22/10 (2006.01)
B60N 2/28 (2006.01)
B60R 22/19 (2006.01)
B60R 22/357 (2006.01)
B60R 22/415 (2006.01)
B60R 22/44 (2006.01)
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(74) James & Wells Intellectual Property
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- (71) BAND THERAPEUTICS, LLC
(11) AU-A-2021387981
(21) 2021387981 (22) 24.11.2021
(54) COMPOSITIONS AND METHODS
FOR TREATMENT OF BLEEDING DIS-
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(51) Int. Cl.
A61P 7/02 (2006.01)
A61K 31/713 (2006.01)
A61P 7/06 (2006.01)
A61P 9/10 (2006.01)
C07K 16/28 (2006.01)
C12N 15/115 (2010.01)
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(31) 63/117,545 (32) 24.11.20 (33) US
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(43) 02.06.2022
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(74) Griffith Hack
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(21) 2022208062 (22) 17.01.2022
(54) ENHANCED IMPACT RESISTANT MA-
TERIAL
(51) Int. Cl.
F41H 5/02 (2006.01)
F41H 1/02 (2006.01)
F41H 5/04 (2006.01)
- (87) WO2022/155561
(31) 63/138,572 (32) 18.01.21 (33) US
(43) 21.07.2022
(72) BARANOWITZ, Steven
(74) Eagar & Associates Pty Ltd
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- (71) BARD ACCESS SYSTEMS, INC.
(11) AU-A-2021409944
(21) 2021409944 (22) 21.12.2021
(54) FLUID PATH OPTIMIZATION IN CATH-
ETER INSERTION SYSTEMS
(51) Int. Cl.
A61M 25/06 (2006.01)
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(43) 30.06.2022
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HAYMOND, Bryan
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(21) 2020477754 (22) 20.11.2020
(54) CATHETER ADAPTER SYSTEM FOR
PROXIMALLY TRIMMABLE CATHET-
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A61M 39/10 (2006.01)
A61M 39/12 (2006.01)
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(43) 27.05.2022
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CARTMILL, Tomas, Jordan; DENSLEY,
Bryon Ray
(74) FB Rice Pty Ltd
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- (71) BARD PERIPHERAL VASCULAR, INC.
(11) AU-A-2022205634
(21) 2022205634 (22) 06.01.2022
(54) BIOPSY APPARATUS HAVING MUL-
TIPLE AIR PATHS FOR VENTING
(51) Int. Cl.
A61B 10/02 (2006.01)
- (87) WO2022/150487
(31) 63/135,256 (32) 08.01.21 (33) US
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Marek
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(54) WATER RESISTANT FOOTWEAR
AND MANUFACTURING METHOD
(51) Int. Cl.
A43B 1/00 (2006.01)
A43B 7/12 (2006.01)
A43B 23/02 (2006.01)
A43B 23/06 (2006.01)
- (87) WO2022/162586
(31) 102021000001952 (32) 29.01.21 (33) IT
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AMORUSO, Raffaella
(74) A.P.T. Patent and Trade Mark Attor-
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- (71) BASF AGRICULTURAL SOLUTIONS
SEED US LLC
(11) AU-A-2021410073
(21) 2021410073 (22) 20.12.2021
(54) BRASSICA NAPUS PLANTS COM-
PRISING AN IMPROVED FERTILITY
RESTORER
(51) Int. Cl.
A01H 1/04 (2006.01)
A01H 5/10 (2018.01)
A01H 6/20 (2018.01)
- (87) WO2022/140762
(31) 20215999.2 (32) 21.12.20 (33) EP
(43) 30.06.2022
(72) NGUYEN, Thi Ninh Thuan; ADRI-
AENSEN, Remy; WAGNER, Geoffrey;
ROHDE, Antje; FORMANOVA, Natasa
(74) Griffith Hack
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- (71) BASF CORPORATION
(11) AU-A-2021401570
(21) 2021401570 (22) 12.12.2021
(54) HYDROCARBON RECOVERY UNIT
WITH RECYCLE LOOP FOR AD-
SORBENT BED REGENERATION
(51) Int. Cl.
B01D 53/48 (2006.01)
B01D 53/04 (2006.01)
B01D 53/72 (2006.01)
C07C 7/12 (2006.01)
- (87) WO2022/132602
(31) 63/127,876 (32) 18.12.20 (33) US
(43) 23.06.2022
(72) DOLAN, William, B.; PAN, Justin
(74) Griffith Hack

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 (11) AU-A-2021409207
 (21) 2021409207 (22) 12.12.2021
 (54) HYDROCARBON RECOVERY UNITS WITH SEPARATORS CONFIGURED TO REDUCE LIQUID HYDROCARBON EXPOSURE TO REGENERATION GAS STREAMS
 (51) Int. Cl.
 B01D 53/48 (2006.01)
 B01D 53/04 (2006.01)
 B01D 53/72 (2006.01)
 C07C 7/12 (2006.01)
 (87) WO2022/140088
 (31) 63/189,294 (32) 17.05.21 (33) US
 63/128,688 21.12.20 US
 (43) 30.06.2022
 (72) DOLAN, William, B.; ECKARDT, Tobias; PAN, Justin; MEHTA, Manish
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2021398989
 (21) 2021398989 (22) 10.12.2021
 (54) SPORE COMPOSITIONS, PRODUCTION AND USES THEREOF
 (51) Int. Cl.
 C12N 1/20 (2006.01)
 A01N 63/20 (2020.01)
 A01N 63/25 (2020.01)
 A23L 33/135 (2016.01)
 C12N 3/00 (2006.01)
 (87) WO2022/128812
 (31) 20215121.3 (32) 17.12.20 (33) EP
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 (72) MAY, Tobias; STIERL, Reinhard, Dr.; CHANG, Hsuan; HEINRICH, Daniel Christoph; HAAS, Evangeline Priya; HEROLD, Andrea
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2021405039
 (21) 2021405039 (22) 22.12.2021
 (54) BINDER COMPOSITION COMPRISING POLY(AMINO ACID)S FOR FIBER COMPOSITE ARTICLES
 (51) Int. Cl.
 C08G 12/06 (2006.01)
 C09J 159/00 (2006.01)
 C09J 177/02 (2006.01)
 C09J 179/02 (2006.01)
 C09J 189/00 (2006.01)
 (87) WO2022/136612
 (31) 20216812.6 (32) 23.12.20 (33) EP
 20216816.7 23.12.20 EP
 (43) 30.06.2022
 (72) SOMMER, Gereon Antonius; WEINKOETZ, Stephan; TUERP, David; SCHERR, Guenter; HAMANN, Jessica Nadine; TELES, Joaquim Henrique; LUNKWITZ, Ralph; SERVAY, Thomas; LINDNER, Jean-Pierre Berkan; KUNSMANN-KEITEL, Dagmar Pascale
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2021405761
 (21) 2021405761 (22) 22.12.2021

(54) BINDER COMPOSITION COMPRISING AMINO ACID POLYMER(S) AS WELL AS CARBOHYDRATES FOR COMPOSITE ARTICLES
 (51) Int. Cl.
 C08G 12/06 (2006.01)
 C09J 159/00 (2006.01)
 C09J 177/02 (2006.01)
 (87) WO2022/136611
 (31) 20216812.6 (32) 23.12.20 (33) EP
 20216816.7 23.12.20 EP
 (43) 30.06.2022
 (72) SOMMER, Gereon Antonius; WEINKÖTZ, Stephan; TUERP, David; LUNKWITZ, Ralph; FUEGER, Claus; SCHERR, Guenter; HAMANN, Jessica Nadine; TELES, Joaquim Henrique; LINDNER, Jean-Pierre Berkan; KUNSMANN-KEITEL, Dagmar Pascale; SERVAY, Thomas
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2021405762
 (21) 2021405762 (22) 22.12.2021
 (54) BINDER COMPOSITION COMPRISING POLYAMINE(S) AS WELL AS 1,3-DIHYDROXYACETONE, GLYCOLALDEHYDE AND/OR GLYCERALDEHYDE FOR COMPOSITE ARTICLES
 (51) Int. Cl.
 C08G 12/06 (2006.01)
 C09J 159/00 (2006.01)
 C09J 177/02 (2006.01)
 (87) WO2022/136613
 (31) 20216812.6 (32) 23.12.20 (33) EP
 (43) 30.06.2022
 (72) SOMMER, Gereon Antonius; SCHERR, Guenter; WEINKOETZ, Stephan; SERVAY, Thomas; HAMANN, Jessica Nadine; TELES, Joaquim Henrique; LUNKWITZ, Ralph; TUERP, David
 (74) Griffith Hack

(71) BASF SE
 (11) AU-A-2021405763
 (21) 2021405763 (22) 22.12.2021
 (54) BINDER COMPOSITION COMPRISING POLYAMINE(S) AND HYDROXYACETONE FOR COMPOSITE ARTICLES
 (51) Int. Cl.
 C08G 12/06 (2006.01)
 C09J 159/00 (2006.01)
 C09J 177/02 (2006.01)
 (87) WO2022/136614
 (31) 20216816.7 (32) 23.12.20 (33) EP
 (43) 30.06.2022
 (72) SOMMER, Gereon Antonius; SCHERR, Guenter; WEINKOETZ, Stephan; LINDNER, Jean-Pierre Berkan; KUNSMANN-KEITEL, Dagmar Pascale; LUNKWITZ, Ralph; TUERP, David
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(71) BASF SE
 (11) AU-A-2021408365
 (21) 2021408365 (22) 13.12.2021

(54) MIXTURES AND COMPOSITIONS COMPRISING FUSARICIDIN A, FUSARICIDIN B AND FUNGICIDES
 (51) Int. Cl.
 A01N 47/44 (2006.01)
 A01N 35/04 (2006.01)
 A01N 37/20 (2006.01)
 A01N 37/36 (2006.01)
 A01N 37/38 (2006.01)
 A01N 37/50 (2006.01)
 A01N 43/10 (2006.01)
 A01N 43/30 (2006.01)
 A01N 43/32 (2006.01)
 A01N 43/40 (2006.01)
 A01N 43/50 (2006.01)
 A01N 43/54 (2006.01)
 A01N 43/56 (2006.01)
 A01N 43/653 (2006.01)
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 A01N 43/80 (2006.01)
 A01N 43/88 (2006.01)
 A01N 43/90 (2006.01)
 A01N 47/12 (2006.01)
 A01N 47/14 (2006.01)
 A01N 47/34 (2006.01)
 A01N 57/12 (2006.01)
 A01N 63/25 (2020.01)
 A01P 3/00 (2006.01)
 (87) WO2022/136603
 (31) 20216798.7 (32) 23.12.20 (33) EP
 (43) 30.06.2022
 (72) STIERL, Reinhard; LIEBMANN, Burghard; BRAHM, Lutz
 (74) Griffith Hack

(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
 (11) AU-A-2021411498
 (21) 2021411498 (22) 28.12.2021
 (54) PERITONEAL DIALYSIS SYSTEM HAVING DISINFECTION FLUID PUMPING AND PATHWAY
 (51) Int. Cl.
 A61M 1/28 (2006.01)
 A61M 1/16 (2006.01)
 (87) WO2022/147041
 (31) 63/131,590 (32) 29.12.20 (33) US
 (43) 07.07.2022
 (72) JANSSON, Olof; HOLMER, Mattias; EKDAHL, Olof; FORSAL, Innas; NILSSON, Roger; HALL, Henrik; ERICSON, Bjorn; ALSON, Jonas; PETTERSSON, Michael; FALLMAN, Oscar Erik Frode Styrbjorn; HANSSON, Jimmie
 (74) K&L Gates

(71) BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
 (11) AU-A-2021411938
 (21) 2021411938 (22) 28.12.2021
 (54) PERITONEAL DIALYSIS SYSTEM USING DISINFECTION
 (51) Int. Cl.
 A61M 1/16 (2006.01)
 A61M 1/28 (2006.01)
 (87) WO2022/147036
 (31) 63/131,590 (32) 29.12.20 (33) US
 (43) 07.07.2022
 (72) JANSSON, Olof; HOLMER, Mattias; EKDAHL, Olof; FORSAL, Innas; NILS-

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A61M 1/28 (2006.01)
A61M 1/16 (2006.01)
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A61M 5/142 (2006.01)
G16H 20/17 (2018.01)
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G01R 31/36 (2020.01)
A61M 5/00 (2006.01)
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G01R 31/367 (2019.01)
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A61L 26/00 (2006.01)
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B65D 21/02 (2006.01)
A61J 1/16 (2023.01)
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A61Q 19/00 (2006.01)
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B01J 23/75 (2006.01)
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C01B 3/02 (2006.01)
B01J 21/00 (2006.01)
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 A61M 5/172 (2006.01)
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 G16H 20/17 (2018.01)
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 A61B 34/30 (2016.01)
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 C12M 1/34 (2006.01)
 C12Q 1/04 (2006.01)
 C12Q 1/24 (2006.01)
 G01N 33/569 (2006.01)
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 (51) Int. Cl.
 C07D 471/04 (2006.01)
 A61K 31/437 (2006.01)
 A61K 31/4985 (2006.01)
 A61K 31/506 (2006.01)
 A61P 17/00 (2006.01)
 A61P 19/02 (2006.01)
 A61P 35/00 (2006.01)
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A61K 9/00 (2006.01)
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A61P 17/00 (2006.01)
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C07D 405/12 (2006.01)
A61K 31/416 (2006.01)
A61P 27/00 (2006.01)
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C07D 471/04 (2006.01)
A61K 31/4188 (2006.01)
A61P 27/00 (2006.01)
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C07D 401/12 (2006.01)
A61K 31/4545 (2006.01)
A61P 11/00 (2006.01)
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 (51) Int. Cl.
B61L 23/04 (2006.01)
B61L 27/57 (2022.01)
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C07D 401/12 (2006.01)
A61K 31/4709 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
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 (54) METHODS FOR USING ADHESIVES WHICH ARE THERMALLY-REVERSIBLE AND TEMPERATURE-SENSITIVE
 (51) Int. Cl.
C09J 171/02 (2006.01)
C08G 18/48 (2006.01)
C08J 3/24 (2006.01)
C08K 3/011 (2018.01)
C09J 7/35 (2018.01)
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C10G 2/00 (2006.01)
B01J 23/889 (2006.01)
C07C 29/156 (2006.01)
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C07C 9/04 (2006.01)
B01J 23/75 (2006.01)
C07C 1/12 (2006.01)
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C10G 2/00 (2006.01)
C01B 3/34 (2006.01)
C07C 1/12 (2006.01)
C07C 9/04 (2006.01)
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H01M 8/04186 (2016.01)
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd
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 (54) COAXIAL NEEDLE TECHNETIUM ELUTION GENERATOR
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G21G 4/06 (2006.01)
G21G 1/00 (2006.01)
G21G 1/02 (2006.01)
G21G 4/00 (2006.01)
G21G 4/08 (2006.01)
H05H 6/00 (2006.01)
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A61K 31/675 (2006.01)
A61K 31/05 (2006.01)
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A61M 25/10 (2013.01)
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 (54) ALDEHYDE DEHYDROGENASE INHIBITORS AND THEIR THERAPEUTIC USE
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A61K 31/4725 (2006.01)
A61P 35/00 (2006.01)
C07D 409/12 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
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C07K 16/28 (2006.01)
A61P 29/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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A01K 11/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/05 (2021.01)
A61B 5/053 (2021.01)
A61B 5/1473 (2006.01)
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 (54) BIOMASS PYROLYSIS INTEGRATED WITH BIO-REDUCTION OF METAL ORES, HYDROGEN PRODUCTION, AND/OR ACTIVATED-CARBON PRODUCTION
 (51) Int. Cl.
C10B 37/00 (2006.01)
C10B 41/00 (2006.01)
C10B 47/28 (2006.01)
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 (31) 63/130,460 (32) 24.12.20 (33) US
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 (43) 27.05.2022
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 (21) 2021381981 (22) 19.11.2021
 (54) BIOMASS PYROLYSIS INTEGRATED WITH BIO-REDUCTION OF METAL ORES, HYDROGEN PRODUCTION, AND/OR ACTIVATED-CARBON PRODUCTION
 (51) Int. Cl.
B01J 21/18 (2006.01)
C01B 32/312 (2017.01)
C01B 32/318 (2017.01)
 (87) WO2022/109256
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 (54) BIOMASS PYROLYSIS INTEGRATED WITH BIO-REDUCTION OF METAL ORES, HYDROGEN PRODUCTION, AND/OR ACTIVATED-CARBON PRODUCTION
 (51) Int. Cl.
B01J 21/18 (2006.01)
C01B 32/312 (2017.01)
C01B 32/318 (2017.01)

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 (54) TREATMENT RESPONSE SIGNA-
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C12Q 1/6886 (2018.01)
C12Q 1/68 (2018.01)
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 (72) ABRAHAM, Jim; SPETZLER, David
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 (54) PIVOTING LOAD-BEARING AS-
 SEMBLY WITH FORCE SENSOR
 (51) Int. Cl.
B66F 9/18 (2006.01)
B66F 9/20 (2006.01)
G01L 5/00 (2006.01)
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 (21) 2021403223 (22) 11.11.2021
 (54) SYSTEMS, METHODS, AND AP-
 PARATUSES FOR IDENTIFYING
 GROUNDWATER DURING ROCK
 DRILL CUTTING
 (51) Int. Cl.
E21B 49/00 (2006.01)
E21B 21/06 (2006.01)
E21B 31/03 (2006.01)
E21B 47/04 (2012.01)
E21B 47/12 (2012.01)
 (87) WO2022/132348
 (31) 17/122,131 (32) 15.12.20 (33) US
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 (72) PETERSON, James; HOWELL, Ryan
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021400407 (22) 08.12.2021
 (54) SYSTEMS AND METHODS FOR MAN-
 AGING ON-SITE COMMUNICATIONS
 FOR LATENCY-DEPENDENT APPLIC-
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 (51) Int. Cl.

H04L 67/52 (2022.01)
H04L 67/025 (2022.01)
H04L 67/04 (2022.01)
H04L 67/125 (2022.01)
H04W 4/02 (2018.01)
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 (21) 2021400408 (22) 08.12.2021
 (54) CONVERTIBLE HOUSING ASSEMBLY
 FOR A PARTICLE SENSOR
 (51) Int. Cl.
G01N 15/02 (2006.01)
G01N 1/02 (2006.01)
G01N 1/10 (2006.01)
G01N 1/22 (2006.01)
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 (31) 17/247,495 (32) 14.12.20 (33) US
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 (72) WEAR, Daniel G.; SHIM, Thomas K.
 (74) FPA Patent Attorneys Pty Ltd

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 CHAIN ASSEMBLY FOR MACHINE
 (51) Int. Cl.
B62D 55/21 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021400669 (22) 13.12.2021
 (54) GUIDE ELEMENT FOR HYDRAULIC
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 (51) Int. Cl.
F15B 21/041 (2019.01)
F15B 5/00 (2006.01)
F15B 19/00 (2006.01)
F15B 21/00 (2006.01)
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 (21) 2021401343 (22) 09.11.2021
 (54) ADVANCED BEHAVIOR-BASED
 SAFETY NOTIFICATION SYSTEMS
 AND METHODS

(51) Int. Cl.
G08B 25/01 (2006.01)
G08B 25/00 (2006.01)
G08B 25/14 (2006.01)
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 Mandy K.; RUTH, Brent R.; FISHER,
 William J.; OSBORNE, Rita
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021401552 (22) 08.12.2021
 (54) SYSTEMS AND METHODS FOR ES-
 TABLISHING A VIRTUALIZED CHAN-
 NEL AND COMMUNICATING THERE-
 WITH
 (51) Int. Cl.
H04L 67/12 (2022.01)
G06N 20/00 (2019.01)
H03M 13/00 (2006.01)
B60W 40/00 (2006.01)
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 MANCHILI, Vijay, Krishna; MCCOY,
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2021401553
 (21) 2021401553 (22) 08.12.2021
 (54) MOLDED IN MAGNETIC SENSOR
 AND SYSTEMS, ASSEMBLIES, COM-
 PONENTS, AND METHODS THERE-
 OF
 (51) Int. Cl.
F15B 15/28 (2006.01)
G01B 17/00 (2006.01)
G01D 5/48 (2006.01)
F15B 15/14 (2006.01)
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 (31) 17/122,687 (32) 15.12.20 (33) US
 (43) 23.06.2022
 (72) PONNUSAMY, Ananda S.; GOSLOV-
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 (74) FPA Patent Attorneys Pty Ltd

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 (11) AU-A-2021401882
 (21) 2021401882 (22) 08.12.2021
 (54) COMPUTING SYSTEM, APPARATUS
 AND METHOD FOR AUTOMATED DY-
 NAMIC GEOFENCING ON MACHINES
 (51) Int. Cl.
E02F 9/20 (2006.01)
E02F 9/24 (2006.01)
E02F 9/26 (2006.01)
G01S 5/02 (2010.01)
H04W 4/021 (2018.01)
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 (31) 17/123,035 (32) 15.12.20 (33) US
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(54) SYSTEMS AND METHODS FOR WEAR ASSESSMENT AND PART REPLACEMENT TIMING OPTIMIZATION
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E02F 9/26 (2006.01)
E02F 9/28 (2006.01)
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(31) 17/123,058 **(32)** 15.12.20 **(33)** US
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(11) AU-A-2021401911
(21) 2021401911 **(22)** 13.12.2021
(54) SYSTEM AND METHOD FOR PROCESSING DATA FROM A PARTICLE MONITORING SENSOR
(51) Int. Cl.
G01N 21/85 (2006.01)
G01N 15/06 (2006.01)
G01N 15/14 (2006.01)
G01N 21/01 (2006.01)
G01N 21/53 (2006.01)
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(54) SYSTEMS AND METHODS FOR PART IDENTIFICATION AND ASSESSMENT USING MULTIPLE IMAGES
(51) Int. Cl.
G06V 10/82 (2022.01)
G06V 10/74 (2022.01)
G06V 20/60 (2022.01)
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(72) REAUME, Daniel Joseph; RADAKOVIC, Daniela; ORGAN, Daniel Jude
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(51) Int. Cl.
G01N 15/14 (2006.01)
G01N 15/10 (2006.01)
G01N 15/12 (2006.01)
G01N 21/64 (2006.01)
G01N 21/65 (2006.01)
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(11) AU-A-2022221227
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B65D 81/26 (2006.01)
B32B 29/02 (2006.01)
B65D 1/34 (2006.01)
B65D 5/20 (2006.01)
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(74) Ahearn Fox
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(54) PHARMACEUTICAL COMPOSITION CONTAINING PROPOFOL, A CYCLODEXTRIN OR A CYCLODEXTRIN DERIVATIVE AND A PHARMACEUTICALLY ACCEPTABLE SALT
(51) Int. Cl.
A61K 47/69 (2017.01)
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(72) BOUCHFAA, Myriam; ROUSSELEAU, Damien; LANNOY, Damien; ODOU, Pascal
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(51) Int. Cl.
C12Q 1/6886 (2018.01)
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(72) DIAZ, Jean-Jacques; MARCEL-TERRIER, Virginie; KIELBASSA, Janice; CATEZ, Frédéric
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021399966
(21) 2021399966 **(22)** 17.12.2021
(54) BIOMARKERS ON CELLULAR ENDOCRINE MODELS FOR ENDOCRINE DISRUPTION ASSESSMENT
(51) Int. Cl.
C12N 5/073 (2010.01)
G01N 33/50 (2006.01)
(87) WO2022/129615
(31) 20306607.1 **(32)** 18.12.20 **(33)** EP
(43) 23.06.2022
(72) RAT, Patrice; OLIVIER, Elodie; DUTOT, Melody; WAKX, Anaïs
(74) Griffith Hack
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- (71)** CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA
(11) AU-A-2021403339
(21) 2021403339 **(22)** 23.11.2021
(54) CIGB-300 FOR USE IN THE INDUCTION OF ANTITUMOR AND ANTIVIRAL IMMUNITY
(51) Int. Cl.
A61K 38/16 (2006.01)
A61P 35/00 (2006.01)
(87) WO2022/127945
(31) 2020-0103 **(32)** 18.12.20 **(33)** CU
(43) 23.06.2022
(72) AGUILAR NORIEGA, Daylen; PEREA RODRÍGUEZ, Silvio, Ernesto; PERERA NEGRIN, Yasser; VÁZQUEZ BLOMQUIST, Dania, Marcia; LEMOS PÉREZ, Gilda; BALADRON CASTRILLO, Idania, Caridad; DÍAZ REYES, Pablo, Arsenio
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA
(11) AU-A-2021406354
(21) 2021406354 **(22)** 21.12.2021
(54) CIGB-210 AND ANALOGUES FOR THE TREATMENT OF RESPIRATORY INFECTIONS OF VIRAL ORIGIN
(51) Int. Cl.
A61K 38/10 (2006.01)
A61P 31/12 (2006.01)
A61P 31/14 (2006.01)
A61P 31/16 (2006.01)
A61P 31/22 (2006.01)
C07K 14/47 (2006.01)
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(31) 2020-0110 **(32)** 23.12.20 **(33)** CU

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- (71) CHAIRMAN, DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)
 (11) AU-A-2022213035
 (21) 2022213035 (22) 07.01.2022
 (54) AN AUTOMATED PROJECTILE LOADER AND A METHOD OF LOADING PROJECTILES FOR A VEHICLE
 (51) Int. Cl.
F41A 9/16 (2006.01)
F41A 9/17 (2006.01)
F41A 9/18 (2006.01)
 (87) WO2022/162684
 (31) 202111003860 (32) 28.01.21 (33) IN
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 (74) GLMR
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 (21) 2021410668 (22) 20.12.2021
 (54) TREATMENT OF C3 GLOMERULOPATHY USING A C5A INHIBITOR
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A61K 31/451 (2006.01)
A61K 45/06 (2006.01)
C07K 16/28 (2006.01)
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 (72) BEKKER, Petrus, J.; STAEHR, Peter
 (74) Spruson & Ferguson
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- (71) CHEN, C.
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 (21) 2021409375 (22) 20.12.2021
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 (51) Int. Cl.
C12P 19/34 (2006.01)
C12N 9/12 (2006.01)
 (87) WO2022/140232
 (31) 17/128,677 (32) 21.12.20 (33) US
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 (72) CHEN, Cheng-Yao; CHENG, Yi-Wen
 (74) Oxygene IP
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 (11) AU-A-2021400415
 (21) 2021400415 (22) 09.12.2021
 (54) METHODS OF USING EXPANDABLE POLYMER GROUT FOR PLUG AND ABANDONMENT APPLICATIONS
 (51) Int. Cl.
C09K 8/42 (2006.01)
C09K 8/44 (2006.01)
C09K 8/508 (2006.01)
C09K 8/575 (2006.01)
 (87) WO2022/132551
 (31) 63/125,840 (32) 15.12.20 (33) US
 (43) 23.06.2022
 (72) BENET, Paul Michael; FULLER, Michael James; ARCENEUX, Douglas Cory
 (74) FPA Patent Attorneys Pty Ltd
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- (71) CHEVRON U.S.A. INC.; CHEVRON AUSTRALIA PTY LTD
 (11) AU-A-2021401560
 (21) 2021401560 (22) 09.12.2021
 (54) DEPLOYMENT METHODS FOR EXPANDABLE POLYMER GROUT FOR PLUG AND ABANDONMENT APPLICATIONS
 (51) Int. Cl.
E21B 33/13 (2006.01)
C09K 8/00 (2006.01)
E21B 33/138 (2006.01)
 (87) WO2022/132552
 (31) 63/223,472 (32) 19.07.21 (33) US
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 (43) 23.06.2022
 (72) ARCENEUX, Douglas, Cory; MARTINEZ, Eduardo; FULLER, Michael, James; BENET, Paul, Michael; FARAG, George, Nabil
 (74) FPA Patent Attorneys Pty Ltd
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 (11) AU-A-2021399882
 (21) 2021399882 (22) 16.12.2021
 (54) AAV CAPSID AND VECTORS
 (51) Int. Cl.
C07K 14/005 (2006.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
 (87) WO2022/126188
 (31) 2020904689 (32) 16.12.20 (33) AU
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 (72) WESTHAUS, Adrian; LISOWSKI, Leszek; JAMIESON, Robyn; EAMEGDOOL, Steven; CORDERO, Anai Gonzalez
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2021373128
 (21) 2021373128 (22) 22.10.2021
 (54) INFORMATION PROCESSING METHOD, DEVICE, APPARATUS AND SYSTEM, MEDIUM, AND PROGRAM
 (51) Int. Cl.
G06F 8/61 (2018.01)
H04L 9/32 (2006.01)
H04L 67/10 (2022.01)
H04L 67/125 (2022.01)
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 (43) 12.05.2022
 (72) CHEN, Chunxiu; LI, Jiale; WU, Jingkai; HU, Zhiling
 (74) Michael Buck IP
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 (54) PACKET FORWARDING METHOD AND APPARATUS, COMMUNICATION DEVICE, AND READABLE STORAGE MEDIUM
 (51) Int. Cl.
H04L 45/00 (2022.01)
H04L 45/74 (2022.01)
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 (72) CHENG, Weiqiang
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 (11) AU-A-2021398550
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 (54) ADMIXTURE FOR FLUIDIFYING A CEMENTITIOUS COMPOSITION WITH REDUCED CEMENT CONTENT
 (51) Int. Cl.
C04B 24/26 (2006.01)
C04B 24/16 (2006.01)
C04B 28/04 (2006.01)
 (87) WO2022/123037
 (31) 2013093 (32) 11.12.20 (33) FR
 (43) 16.06.2022
 (72) PELLERIN, Bruno; HERVE, Mickael; GIRAUDEAU, Claire; FERRARI, Lucia; KOCABA, Vanessa
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-A-2021414419
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 (54) VESSEL AND SYSTEM FOR REDUCING PACKAGING WASTE
 (51) Int. Cl.
B65D 77/06 (2006.01)
A47K 5/12 (2006.01)
 (87) WO2022/140818
 (31) 2020904859 (32) 28.12.20 (33) AU
 (43) 07.07.2022
 (72) WELLS, Joel
 (74) Churchill Attorneys
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 (21) 2022325217 (22) 10.08.2022
 (54) DISTRIBUTED ROUTING CONTROLLERS FOR MULTI-REGION SDWAN
 (51) Int. Cl.
 H04L 45/02 (2022.01)
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 H04L 12/46 (2006.01)
 H04L 43/20 (2022.01)
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 (54) COMPOSITIONS AND USES OF PSCA TARGETED CHIMERIC ANTIGEN RECEPTOR MODIFIED CELLS
 (51) Int. Cl.
 A61K 35/12 (2015.01)
 A61K 35/17 (2015.01)
 A61K 48/00 (2006.01)
 (87) WO2022/115421
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 (54) RICE BALL WITH TOASTED EXTERIOR AND METHOD FOR PREPARING SAME
 (51) Int. Cl.
 A23L 7/196 (2016.01)
 A23L 5/10 (2016.01)
 A23L 29/212 (2016.01)
 A23P 20/10 (2016.01)
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 (72) SON, Eun Yeong; LEE, Jun Woo; SONG, Min Kyung; JEONG, Da Woon; KANG, Hee Jun; LEE, Jong Il
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 (11) AU-A-2021398494
 (21) 2021398494 (22) 03.12.2021
 (54) NOVEL BRANCHED-CHAIN AMINO ACID AMINOTRANSFERASE MUTANT AND ISOLEUCINE PRODUCTION METHOD USING SAME
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 C12N 9/10 (2006.01)
 C12N 15/77 (2006.01)
 C12P 13/06 (2006.01)
 C12R 1/15 (2006.01)
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 (21) 2021398499 (22) 08.12.2021
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 (51) Int. Cl.
 C12N 9/10 (2006.01)
 C12N 15/77 (2006.01)
 C12P 13/06 (2006.01)
 C12R 1/15 (2006.01)
 (87) WO2022/124786
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 (72) KIM, Kyungrim; SHIM, Jihyun; KIM, Heeyeong; CHOI, Woosung; LEE, Kwang Woo
 (74) WRAYS PTY LTD
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- (71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2020482776
 (21) 2020482776 (22) 22.12.2020
 (54) ORAL CARE IMPLEMENT, HANDLE THEREOF, AND ORAL CARE REFILL HEAD THEREFOR
 (51) Int. Cl.
 A61C 17/00 (2006.01)
 A46B 5/00 (2006.01)
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 (74) Spruson & Ferguson
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 (11) AU-A-2021400316
 (21) 2021400316 (22) 17.12.2021
 (54) ORAL CARE COMPOSITIONS WITH AMINE FLOURIDES
 (51) Int. Cl.
 A61Q 11/00 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/25 (2006.01)
 A61K 8/27 (2006.01)
 A61K 8/34 (2006.01)
 A61K 8/41 (2006.01)
 A61K 8/81 (2006.01)
 (87) WO2022/133234
 (31) 63/127,791 (32) 18.12.20 (33) US
 (43) 23.06.2022
 (72) HUBER, Norbert; MATUR, Turan; HINRICHS, Ruth; LOETSCHER, Jeannine
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- (71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2021409391
 (21) 2021409391 (22) 20.12.2021
 (54) ORAL CARE COMPOSITIONS AND METHODS
 (51) Int. Cl.
 A61K 8/19 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/24 (2006.01)
 A61K 8/55 (2006.01)
 A61Q 11/00 (2006.01)
 (87) WO2022/140280
 (31) 63/128,671 (32) 21.12.20 (33) US
 (43) 30.06.2022
 (72) MYERS, Carl; XU, Guofeng; ZHANG, Shaoyi; TANG, Saide
 (74) Spruson & Ferguson
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- (71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2021409652
 (21) 2021409652 (22) 20.12.2021
 (54) ORAL CARE COMPOSITIONS AND METHODS
 (51) Int. Cl.
 A61K 8/19 (2006.01)
 A61K 8/21 (2006.01)
 A61K 8/24 (2006.01)
 A61K 8/44 (2006.01)
 A61P 9/12 (2006.01)
 A61Q 11/00 (2006.01)
 (87) WO2022/140281
 (31) 63/128,678 (32) 21.12.20 (33) US
 (43) 30.06.2022
 (72) SCHAEFFER-KORBYLO, Lyndsay; MYERS, Carl; GOVINDARAJU, Gokul; PAUL, Reeba
 (74) Spruson & Ferguson
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- (71) COLGATE-PALMOLIVE COMPANY
 (11) AU-A-2021409793
 (21) 2021409793 (22) 21.12.2021
 (54) ORAL CARE COMPOSITIONS COMPRISING STANNOUS PYROPHOSPHATE AND A WATER-SOLUBLE ALKALI METAL POLYPHOSPHATE, AND METHODS
 (51) Int. Cl.
 A61K 8/19 (2006.01)
 A61K 8/24 (2006.01)
 A61Q 11/00 (2006.01)
 (87) WO2022/140368
 (31) 63/128,668 (32) 21.12.20 (33) US
 (43) 30.06.2022
 (72) GOVINDARAJU, Gokul; MYERS, Carl; SCHAEFFER-KORBYLO, Lyndsay
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 (11) AU-A-2022211671
 (21) 2022211671 (22) 20.01.2022
 (54) SYSTEM OF PHOTOVOLTAIC SOLAR PANELS
 (51) Int. Cl.
 H02S 20/10 (2014.01)
 (87) WO2022/157649
 (31) 102021000001178 (32) 22.01.21 (33) IT
 (43) 28.07.2022
 (72) BECCARISI, Francesco; DI STEFANO, Giovanni
 (74) PHILLIPS ORMONDE FITZPATRICK

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<p>(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION</p> <p>(11) AU-A-2021390923 (21) 2021390923 (22) 30.11.2021 (54) "LIVESTOCK MONITORING" (51) Int. Cl. A01K 29/00 (2006.01) G06Q 50/02 (2012.01)</p> <p>(87) WO2022/115905 (31) 2020904456 (32) 01.12.20 (33) AU (43) 09.06.2022 (72) GALVIN, Jace; INGHAM, Aaron; VALENCIA, Philip; DEDEOGLU, Volkan; VAN BEEST, Nick; ARABLOUEI, Reza; GOVERNATORI, Guido (74) FB Rice Pty Ltd</p>	<p>(31) 2021903403 (32) 25.10.21 (33) AU (43) 04.05.2023 (72) COX, Mark (74) FB Rice Pty Ltd</p> <hr/> <p>(71) COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN (11) AU-A-2021399169 (21) 2021399169 (22) 03.12.2021 (54) TYRE TREAD FOR A HEAVY VEHICLE WITH IMPROVED ROBUSTNESS (51) Int. Cl. B60C 11/03 (2006.01) B60C 11/12 (2006.01)</p> <p>(87) WO2022/129729 (31) FR2013443 (32) 17.12.20 (33) FR (43) 23.06.2022 (72) SPINNLER, Olivier (74) Griffith Hack</p>	<p>(43) 23.06.2022 (72) FRERMAN, Charles, A. (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) CONVATEC TECHNOLOGIES, INC. (11) AU-A-2021414197 (21) 2021414197 (22) 29.12.2021 (54) FUNCTIONALISATION OF MEDICAL DEVICES (51) Int. Cl. A61L 29/08 (2006.01) C09D 15/00 (2006.01) H05H 1/24 (2006.01)</p> <p>(87) WO2022/147091 (31) 63/132,213 (32) 30.12.20 (33) US (43) 07.07.2022 (72) PYTEL, Rachel, Zimet; CARTY, Neal, Robert (74) Houlihan Intellectual Property Pty Ltd</p>
<p>(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION</p> <p>(11) AU-A-2021408141 (21) 2021408141 (22) 22.12.2021 (54) ABSORBENT FOR ACID GAS COMPRISING HYPERCROSSLINKED POLYMER (51) Int. Cl. B01D 53/14 (2006.01) B01D 53/40 (2006.01) B01J 20/22 (2006.01) B01J 20/285 (2006.01) B01J 20/32 (2006.01) C08F 12/08 (2006.01) C08F 12/32 (2006.01) C08F 12/36 (2006.01) C08F 112/08 (2006.01) C08F 112/32 (2006.01) C08F 112/36 (2006.01) C08J 3/24 (2006.01) C08J 9/40 (2006.01)</p> <p>(87) WO2022/133530 (31) 2020904794 (32) 22.12.20 (33) AU (43) 30.06.2022 (72) WOOD, Colin, David; MYERS, Matthew, B.; WHITE, Cameron (74) FB Rice Pty Ltd</p>	<p>(71) COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN (11) AU-A-2021403909 (21) 2021403909 (22) 03.12.2021 (54) TYRE TREAD FOR A HEAVY VEHICLE WITH IMPROVED ROBUSTNESS (51) Int. Cl. B60C 11/03 (2006.01) B60C 11/12 (2006.01)</p> <p>(87) WO2022/129728 (31) FR2013441 (32) 17.12.20 (33) FR (43) 23.06.2022 (72) SPINNLER, Olivier (74) Griffith Hack</p>	<p>(71) CONVATEC TECHNOLOGIES INC. (11) AU-A-2021411950 (21) 2021411950 (22) 29.12.2021 (54) SURFACE TREATMENT SYSTEM AND METHOD FOR SUBCUTANEOUS DEVICE (51) Int. Cl. A61L 31/10 (2006.01) A61F 2/00 (2006.01) A61L 31/16 (2006.01)</p> <p>(87) WO2022/147084 (31) 63/132,071 (32) 30.12.20 (33) US (43) 07.07.2022 (72) CARTY, Neal, Robert (74) Houlihan Intellectual Property Pty Ltd</p>
<p>(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION</p> <p>(11) AU-A-2022377418 (21) 2022377418 (22) 21.10.2022 (54) MULTI-SENSOR NAVIGATION (51) Int. Cl. G06F 17/11 (2006.01) G01C 3/04 (2006.01) G01C 21/00 (2006.01) G01C 21/30 (2006.01) G01S 7/497 (2006.01) G01S 17/42 (2006.01) G01S 17/86 (2020.01) G01S 17/89 (2020.01) G06T 7/11 (2017.01) G06T 7/246 (2017.01) G06T 7/73 (2017.01) G06T 7/80 (2017.01)</p> <p>(87) WO2023/070147</p>	<p>(71) CONMED CORPORATION (11) AU-A-2022211362 (21) 2022211362 (22) 19.01.2022 (54) SURGICAL GAS DELIVERY SYSTEM AND METHOD FOR GAS SEALED INSUFFLATION AND RECIRCULATION USING PROPORTIONAL VALVES (51) Int. Cl. A61M 13/00 (2006.01) A61B 17/34 (2006.01) A61M 39/22 (2006.01)</p> <p>(87) WO2022/159422 (31) 17/155,572 (32) 22.01.21 (33) US (43) 28.07.2022 (72) KOLTZ, Michael, Jr.; TEYMOURI, Jonathan (74) Griffith Hack</p>	<p>(71) CONVATEC TECHNOLOGIES INC. (11) AU-A-2021414199 (21) 2021414199 (22) 29.12.2021 (54) COUPLING SYSTEM FOR OSTOMY APPLIANCES (51) Int. Cl. A61F 5/448 (2006.01) A61F 5/44 (2006.01) A61F 5/445 (2006.01)</p> <p>(87) WO2022/147099 (31) 63/132,806 (32) 31.12.20 (33) US (43) 07.07.2022 (72) JONES, Don; MARTICH, Mark E. (74) Houlihan Intellectual Property Pty Ltd</p>
<p>(71) CONOCOPHILLIPS COMPANY (11) AU-A-2021401908 (21) 2021401908 (22) 10.12.2021 (54) PREVENTING FOULING OF CRUDE OIL EQUIPMENT (51) Int. Cl. C10G 45/02 (2006.01) C10G 7/00 (2006.01) C10G 75/04 (2006.01)</p> <p>(87) WO2022/132590 (31) 63/125,784 (32) 15.12.20 (33) US</p>	<p>(71) CORCEPT THERAPEUTICS INCORPORATED (11) AU-A-2021409656 (21) 2021409656 (22) 20.12.2021 (54) METHOD OF PREPARING PYRIMIDINE CYCLOHEXYL GLUCOCORTICOID RECEPTOR MODULATORS (51) Int. Cl. C07D 239/54 (2006.01) C07C 69/65 (2006.01) C07C 69/738 (2006.01) C07D 239/47 (2006.01)</p> <p>(87) WO2022/140293 (31) 63/128,539 (32) 21.12.20 (33) US</p>	

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 (72) DENER, Jeffrey Mark; HUNT, Hazel
 Joan; TYRRELL, Nicholas, David
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) CORCEPT THERAPEUTICS INCORPORATED
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C07D 471/04 (2006.01)
A61K 31/444 (2006.01)
A61P 1/16 (2006.01)
A61P 25/18 (2006.01)
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A61K 31/713 (2006.01)
A61K 9/127 (2006.01)
A61K 47/18 (2017.01)
B82B 1/00 (2006.01)
C07H 21/00 (2006.01)
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B01J 20/12 (2006.01)
B01J 13/02 (2006.01)
B01J 20/06 (2006.01)
B01J 20/22 (2006.01)
B09C 1/08 (2006.01)
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F16G 11/00 (2006.01)
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A01P 1/00 (2006.01)
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C02F 1/02 (2023.01)
C09K 5/10 (2006.01)
E02B 15/04 (2006.01)
F24S 10/10 (2018.01)
F28D 1/02 (2006.01)
F28D 20/02 (2006.01)
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A61P 35/00 (2006.01)
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A61K 38/00 (2006.01)
A61K 38/19 (2006.01)
A61K 38/20 (2006.01)
C07K 14/52 (2006.01)
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C22B 3/26 (2006.01)
C22B 26/12 (2006.01)
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A61K 47/28 (2006.01)
A61K 39/00 (2006.01)
A61P 37/04 (2006.01)
C07K 14/005 (2006.01)
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B02B 3/00 (2006.01)
A23L 2/04 (2006.01)
A23L 5/00 (2016.01)
A23N 1/00 (2006.01)
B01D 57/00 (2006.01)
G05B 19/04 (2006.01)
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(51) Int. Cl.
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E21B 23/04 (2006.01)
E21B 33/16 (2006.01)
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C07C 211/38 (2006.01)
C07C 217/52 (2006.01)
C07C 233/05 (2006.01)
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C12Q 1/6886 (2018.01)
A61B 10/00 (2006.01)
A61B 10/02 (2006.01)
A61B 50/30 (2016.01)
C12Q 1/6806 (2018.01)
G16B 20/00 (2019.01)
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USING GLUCOSE
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A61B 5/1455 (2006.01)
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
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FOR INDUCING DEFECATION
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A61K 31/17 (2006.01)
C07C 275/24 (2006.01)
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(54) CYCLIC FLOW APPARATUS
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F04B 9/02 (2006.01)
F04B 17/03 (2006.01)
F04B 19/00 (2006.01)
F04B 23/02 (2006.01)
F04B 43/08 (2006.01)
F04B 43/113 (2006.01)

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C08F 20/24 (2006.01)
C08G 65/00 (2006.01)
C08G 65/332 (2006.01)
C09D 171/00 (2006.01)
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G01C 21/20 (2006.01)
A61F 9/08 (2006.01)
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C11D 3/16 (2006.01)
C11D 3/50 (2006.01)
C11D 11/00 (2006.01)
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A61K 31/4439 (2006.01)
A61K 8/49 (2006.01)
A61P 17/14 (2006.01)
A61Q 5/12 (2006.01)
A61Q 7/00 (2006.01)
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C25F 3/16 (2006.01)
C25F 7/00 (2006.01)
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G01N 21/71 (2006.01)
G01J 3/443 (2006.01)
G01N 33/205 (2019.01)
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A23L 2/62 (2006.01)
A23C 9/154 (2006.01)
A23L 17/60 (2016.01)
A23L 29/206 (2016.01)
A23L 29/256 (2016.01)
A23L 29/262 (2016.01)
A23P 30/25 (2016.01)
A61K 8/9706 (2017.01)
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(21) 2021401085 (22) 14.12.2021
(54) METHOD FOR QUANTIFYING CPG-CONTAINING OLIGONUCLEOTIDES IN FORMULATIONS COMPRISING ALUM
(51) Int. Cl.
A61K 9/19 (2006.01)
A61K 39/39 (2006.01)
G01N 21/78 (2006.01)
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C12N 15/113 (2010.01)
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 (51) Int. Cl.
F42D 1/10 (2006.01)
F42D 3/04 (2006.01)
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 (54) ORAL TREATMENT DEVICE
 (51) Int. Cl.
A46B 15/00 (2006.01)
A61C 9/00 (2006.01)
A61C 15/04 (2006.01)
A61C 17/02 (2006.01)
A61C 17/028 (2006.01)
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 (51) Int. Cl.
A46B 15/00 (2006.01)
A61C 9/00 (2006.01)
A61C 15/04 (2006.01)
A61C 17/02 (2006.01)
A61C 17/028 (2006.01)
A61C 17/22 (2006.01)
A61C 17/36 (2006.01)
G06F 9/30 (2018.01)
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 (21) 2021400018 (22) 25.10.2021
 (54) ORAL TREATMENT DEVICE
 (51) Int. Cl.
A61C 9/00 (2006.01)
A46B 15/00 (2006.01)
A61C 15/04 (2006.01)
A61C 17/02 (2006.01)
A61C 17/028 (2006.01)
A61C 17/22 (2006.01)
A61C 17/36 (2006.01)
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 (31) 2020020.0 (32) 17.12.20 (33) GB
 (43) 23.06.2022
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 (74) Spruson & Ferguson
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 (11) AU-A-2021404116
 (21) 2021404116 (22) 25.10.2021
 (54) ORAL TREATMENT DEVICE
 (51) Int. Cl.
A46B 15/00 (2006.01)
A61C 9/00 (2006.01)
A61C 15/04 (2006.01)
A61C 17/02 (2006.01)
A61C 17/028 (2006.01)
A61C 17/22 (2006.01)
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 (21) 2021406544 (22) 16.12.2021
 (54) HAIRCARE APPLIANCE
 (51) Int. Cl.
A45D 20/12 (2006.01)
A45D 20/10 (2006.01)
A45D 20/24 (2006.01)
A45D 20/26 (2006.01)
 (87) WO2022/136837
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 (43) 30.06.2022
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 (21) 2021383563 (22) 20.11.2021
 (54) NEW CYCLIC COMPOUNDS, PROCESS FOR THE PRODUCTION THEREOF, AND USE OF SAID CYCLIC COMPOUNDS IN COSMETIC PREPARATIONS
 (51) Int. Cl.
C07K 7/56 (2006.01)
A61K 38/00 (2006.01)
A61P 31/04 (2006.01)
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 (54) SEALING LAYERS COMPRISING A CONDUCTIVE FILLER FOR SEALING MICROCELLS OF ELECTROPHORETIC DISPLAYS
 (51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/01 (2006.01)
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 (21) 2022217785 (22) 03.02.2022
 (54) SEALING LAYERS FOR SEALING MICROCELLS OF ELECTRO-OPTIC DEVICES
 (51) Int. Cl.
G02F 1/167 (2019.01)
G02F 1/1679 (2019.01)
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 (74) RnB IP Pty Ltd
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 (21) 2021380725 (22) 10.11.2021
 (54) IMMUNOGENIC PROBIOTIC COMPOSITIONS AND METHODS OF USE INCLUDING IN VACCINATION
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A61K 35/747 (2015.01)
A61P 37/04 (2006.01)
C12N 15/74 (2006.01)
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 (74) Spruson & Ferguson
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 (21) 2021396245 (22) 08.12.2021
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 (51) Int. Cl.
A61K 8/9794 (2017.01)
A61K 8/19 (2006.01)
A61K 8/9789 (2017.01)
A61K 8/99 (2017.01)
A61Q 19/00 (2006.01)
A61Q 19/02 (2006.01)

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(43) 16.06.2022
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2021420784
(21) 2021420784 **(22)** 17.12.2021
(54) EXTRACTING DEVICE FOR REMOVING AIR, COMBINATION APPLIANCE AND SUCTION ARM
(51) Int. Cl.
F24C 15/20 (2006.01)

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(74) Halfords IP

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(54) WIRELESS POWER TRANSFER SYSTEM AND METHOD
(51) Int. Cl.
H02J 50/05 (2016.01)
H02J 50/12 (2016.01)
H02J 50/70 (2016.01)

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(43) 27.05.2022
(72) ELSSIBONY, Asaf Manova
(74) Remarkable IP

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(21) 2021399075 **(22)** 15.12.2021
(54) A CONTROL SYSTEM AND METHOD FOR CONTROLLING A MICRO-GRID
(51) Int. Cl.
C25B 9/65 (2021.01)
C25B 9/77 (2021.01)
C25B 15/02 (2021.01)
C25B 15/023 (2021.01)
C25B 15/025 (2021.01)
C25B 15/08 (2006.01)

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(72) CHAPMAN, Sean Crawford; SCHMIDT, Jan-Justus; KRASKO, Nikolay V.; AFANASENKO, Nikita
(74) FPA Patent Attorneys Pty Ltd

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(54) ORGANIC HYDRIDE PREPARATION SYSTEM, CONTROL DEVICE OF ORGANIC HYDRIDE PREPARATION SYSTEM, AND CONTROL METHOD OF ORGANIC HYDRIDE PREPARATION SYSTEM
(51) Int. Cl.
C25B 9/00 (2021.01)
C01B 3/00 (2006.01)
C25B 3/25 (2021.01)
C25B 15/029 (2021.01)
C25B 15/08 (2006.01)

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(43) 09.06.2022
(72) NAGATSUKA Tomomi; CHO Shuro; MATSUOKA Koji; GOTO Akira
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(21) 2021392237 **(22)** 22.11.2021
(54) ORGANIC HYDRIDE PRODUCTION APPARATUS, WATER REMOVAL DEVICE, AND WATER REMOVAL METHOD
(51) Int. Cl.
C25B 9/00 (2021.01)
C25B 3/25 (2021.01)
C25B 15/08 (2006.01)

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(72) MIYOSHI Kota; OTSU Hideo; DOMON Hiroki; SUNAMI Jun
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(21) 2021392280 **(22)** 02.12.2021
(54) ORGANIC HYDRIDE PRODUCTION APPARATUS AND METHOD FOR REUSING PRODUCED WATER
(51) Int. Cl.
C25B 9/00 (2021.01)
C25B 3/25 (2021.01)

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(43) 09.06.2022
(72) KOBAYASHI Atsushi; MIYOSHI Kota; NAGATSUKA Tomomi; TAKAMURA Toru; MATSUOKA Koji
(74) WRAYS PTY LTD

(71) ENEOS CORPORATION
(11) AU-A-2021392476
(21) 2021392476 **(22)** 02.12.2021
(54) ORGANIC HYDRIDE PRODUCTION SYSTEM, CONTROL DEVICE FOR ORGANIC HYDRIDE PRODUCTION SYSTEM, AND CONTROL METHOD FOR ORGANIC HYDRIDE PRODUCTION SYSTEM
(51) Int. Cl.
C25B 9/00 (2021.01)
C25B 3/25 (2021.01)
C25B 15/00 (2006.01)
C25B 15/02 (2021.01)

C25B 15/08 (2006.01)
(87) WO2022/118933
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(72) KANEZAWA Miyuki; TAKAMURA Toru; MATSUOKA Koji
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(21) 2021409178 **(22)** 24.12.2021
(54) HYDROCARBON PRODUCTION METHOD
(51) Int. Cl.
C07C 1/04 (2006.01)
B01J 23/72 (2006.01)
B01J 23/74 (2006.01)
C01B 5/00 (2006.01)
C01B 32/40 (2017.01)
C07B 61/00 (2006.01)
C07C 9/02 (2006.01)
C07C 9/14 (2006.01)

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(74) WRAYS PTY LTD

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(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 10/627 (2014.01)

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(43) 02.06.2022
(72) ABBONDANZA, Luigi; SCHIMPERNA, Giuliana; TACCA, Alessandra
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2021390203 **(22)** 02.12.2021
(54) PROCESS FOR IDENTIFYING A SUB-SAMPLE AND A METHOD FOR DETERMINING THE PETROPHYSICAL PROPERTIES OF A ROCK SAMPLE
(51) Int. Cl.
G06V 10/44 (2022.01)
G06V 10/46 (2022.01)
G06V 20/64 (2022.01)

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(72) MIARELLI, Marco
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ENPHASE ENERGY, INC.
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(54) METHOD AND APPARATUS FOR GEOTAGGING COMPONENTS OF AN

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G06Q 50/06 (2012.01)
G06F 3/0481 (2022.01)
G06F 16/29 (2019.01)
G06F 16/58 (2019.01)
G09B 29/00 (2006.01)
H02S 40/22 (2014.01)
H02S 40/32 (2014.01)
H04W 4/02 (2018.01)
H04W 4/80 (2018.01)
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(72) BELUR, Raghuveer R.
(74) Spruson & Ferguson

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(21) 2021389010 (22) 25.11.2021
(54) CONTROL SYSTEM AND METHODS FOR INSECT BREEDING APPARATUS
(51) Int. Cl.
A01K 67/033 (2006.01)
A01K 29/00 (2006.01)
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(54) METHODS AND SYSTEMS FOR IMAGE PROCESSING
(51) Int. Cl.
G06V 10/10 (2022.01)
G06T 7/10 (2017.01)
G06V 10/20 (2022.01)
G06V 10/25 (2022.01)
G06V 10/26 (2022.01)
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(74) Davies Collison Cave Pty Ltd

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(54) METHOD FOR TREATING CHRONIC KIDNEY DISEASES
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A61K 31/496 (2006.01)
A61P 13/12 (2006.01)
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(72) TERZI, Fabiola; DARTEIL, Raphaël; SCALFARO, Pietro; VONDERSCHER, Jacky; GIRMA, Hugo
(74) FPA Patent Attorneys Pty Ltd

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(54) MULTIPLEXED METHOD FOR ASSESSING GLOBAL OR GENOMIC LOCUS-SPECIFIC LEVELS OF CHROMATIN MODIFICATION
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C12Q 1/6827 (2018.01)
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(72) ELSÄSSER, Simon
(74) FB Rice Pty Ltd

- (71) EPIROC ROCK DRILLS AKTIEBOLAG
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(54) NETWORK NODE, MOBILE NODE AND METHODS PERFORMED THEREIN
(51) Int. Cl.
H04L 67/125 (2022.01)
H04L 69/321 (2022.01)
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(72) SANTOS, Wesley
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(21) 2021386607 (22) 25.11.2021
(54) MONITORING SYSTEM COMPONENT
(51) Int. Cl.
G08B 13/191 (2006.01)
G08B 13/196 (2006.01)
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(31) 2018539.3 (32) 25.11.20 (33) GB
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(72) VENDRIGER, Eran; COHEN, Eran; MERON, Sergey; AMIR, Ohad
(74) FPA Patent Attorneys Pty Ltd

- (71) ESSERRE PHARMA SRL
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(21) 2021383634 (22) 22.11.2021
(54) COMPOSITION COMPRISING NATURAL EXTRACTS AND USES THEREOF
(51) Int. Cl.
A61K 36/752 (2006.01)
A23L 2/06 (2006.01)
A61P 1/16 (2006.01)
A61P 3/06 (2006.01)
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(31) 10202000027963 (32) 20.11.20 (33) IT
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(54) WOUND DRESSING
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A61F 13/02 (2006.01)
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(72) SCHÜTZ, Patrick; SCHULZE, Christian
(74) Griffith Hack

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(21) 2021404499 (22) 16.12.2021
(54) ACTIVE COMPRESSION DEVICE AND PRESSURE UNIT
(51) Int. Cl.
A61H 7/00 (2006.01)
(87) WO2022/129321
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(72) THOPPEY, Nagarajan; SPINKS, Geoffrey; RICHARDS, Christopher; TUCKER, Kevin
(74) Griffith Hack

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(54) METHOD FOR SEQUENTIAL ONE-POT SYNTHESIS OF TKX-50
(51) Int. Cl.
C07D 403/04 (2006.01)
C07B 43/00 (2006.01)
C07D 257/04 (2006.01)
(87) WO2022/129724
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(74) Spruson & Ferguson

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(21) 2021391376 (22) 16.11.2021
(54) ADHESION OF BLOWING AGENT-CONTAINING PARTICLES BASED ON POLYIMIDES OR POLYACRYLATES
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C08J 9/00 (2006.01)
C08J 9/06 (2006.01)
C08J 9/12 (2006.01)
C08J 9/14 (2006.01)
C08J 9/224 (2006.01)
C08J 9/228 (2006.01)
C08J 9/232 (2006.01)
C08J 9/236 (2006.01)
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(74) AJ PARK

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(21) 2021404147 (22) 15.12.2021
(54) MODEL AND METHOD OF MODELING A PULMONARY AUTOGRAFT
(51) Int. Cl.
A61F 2/06 (2013.01)
A61B 34/10 (2016.01)
A61F 2/04 (2013.01)
A61B 6/00 (2006.01)
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(72) THORNTON, Warren Elliot; AUSTIN, Brian McConnell; GOLESWORTHY, Taliesin John
(74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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(11) AU-A-2021394459
(21) 2021394459 (22) 10.12.2021
(54) METHOD OF DETECTING ONE OR MORE CHANGE IN AN EYE AND DISEASE INDICATION OR DIAGNOSIS
(51) Int. Cl.
G06T 7/30 (2017.01)
A61B 5/00 (2006.01)
A61K 31/573 (2006.01)
A61K 36/185 (2006.01)
A61P 27/02 (2006.01)
G06T 7/00 (2017.01)
G16H 30/40 (2018.01)
(87) WO2022/120437
(31) 2020904628 (32) 11.12.20 (33) AU
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(72) PENFOLD, Philip Leslie
(74) Oxygene IP
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A61K 31/426 (2006.01)
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A61K 31/497 (2006.01)
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(72) JANUSZ, John; RANDALL, Jared; COPP, James
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(21) 2021399841 (22) 15.12.2021
(54) ANTI-HLA-G ANTIBODIES AND USE THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2022206061
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(54) COMBINATION THERAPY EMPLOYING A PD1-LAG3 BISPECIFIC ANTIBODY AND A CD20 T CELL BISPECIFIC ANTIBODY
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
(87) WO2022/148732
(31) 21150425.3 (32) 06.01.21 (33) EP
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(72) CODARRI DEAK, Laura; KLEIN, Christian; PERRO, Mario; WEBER, Patrick, Alexander, Aaron
(74) Griffith Hack
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(21) 2021385533 (22) 22.11.2021
(54) COMPOSITIONS AND METHODS FOR PREVENTING AND PROTECTING AGAINST DAMAGE IN CELLS AND TISSUES
(51) Int. Cl.
A61K 8/55 (2006.01)
A61K 8/46 (2006.01)
A61K 31/66 (2006.01)
A61Q 7/00 (2006.01)
A61Q 17/04 (2006.01)
(87) WO2022/115360
(31) 63/118,333 (32) 25.11.20 (33) US
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 (54) SYSTEMS AND METHODS FOR AUTOMATIC EXTRACTION OF CLASSIFICATION TRAINING DATA
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 G06F 40/30 (2020.01)
 G06N 3/04 (2023.01)
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 G06F 40/284 (2020.01)
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 G06Q 30/00 (2023.01)
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 G06F 40/232 (2020.01)
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 G06N 20/00 (2019.01)
 G10L 15/00 (2013.01)
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 A61M 37/00 (2006.01)
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 A23L 33/135 (2016.01)
 A23K 10/16 (2016.01)
 A61K 35/747 (2015.01)
 A61P 9/00 (2006.01)
 A61P 21/00 (2006.01)
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 (51) Int. Cl.
 C07C 229/64 (2006.01)
 C07C 227/42 (2006.01)
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 (74) FB Rice Pty Ltd
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 (54) METHOD FOR PREPARING 2-HYDROXY-5-[2-(4-(TRIFLUOROMETHYLPHENYL)ETHYLAMINO)]BENZOCARBOXYLIC ACID
 (51) Int. Cl.
 C07C 227/18 (2006.01)
 C07C 229/64 (2006.01)
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 (74) FB Rice Pty Ltd
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 G06N 10/00 (2022.01)
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A01G 9/12 (2006.01)
A01G 17/04 (2006.01)
B65H 75/40 (2006.01)
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A61B 10/04 (2006.01)
A61B 10/02 (2006.01)
A61B 18/02 (2006.01)
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F24F 1/32 (2011.01)
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H02G 3/04 (2006.01)
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A01K 61/95 (2017.01)
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C12N 15/86 (2006.01)
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(74) FB Rice Pty Ltd

(71) GUANGZHOU SALUSTIER BIOSCIENCES CO., LTD.; JINAN UNIVERSITY
(11) AU-A-2021416682
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(54) 2-AMINOPYRIMIDINE COMPOUND AND PHARMACEUTICAL COMPOSITION THEREOF AND APPLICATION THEREOF
(51) Int. Cl.
C07D 239/48 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 471/02 (2006.01)
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(74) Madderns Pty Ltd

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H04N 19/159 (2014.01)
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(74) Davies Collison Cave Pty Ltd

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(54) COMBINATION THERAPY OF INSULINOTROPIC PEPTIDE AND

GLP-2, FOR PREVENTING OR TREATING SHORT BOWEL SYNDROME
(51) Int. Cl.
A61K 38/26 (2006.01)
A61K 38/22 (2006.01)
A61K 47/68 (2017.01)
A61P 1/00 (2006.01)
A61P 29/00 (2006.01)
C07K 14/605 (2006.01)
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(74) WRAYS PTY LTD

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(54) NOVEL QUINAZOLINE DERIVATIVE COMPOUND AS SOS1 INHIBITOR, AND USE THEREOF
(51) Int. Cl.
C07D 239/94 (2006.01)
A61K 31/517 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
C07D 403/04 (2006.01)
C07D 405/12 (2006.01)
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(72) CHOI, Jae Yul; KIM, Won Jeoung; KIM, Ji Sook; KIM, Min Jeong; PARK, Won Gi; AHN, Young Gil; BAE, In Hwan
(74) FPA Patent Attorneys Pty Ltd

(71) HANNA, T.
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A41C 3/06 (2006.01)
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(72) HANNA, Talene
(74) Patentec Patent Attorneys

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(54) IN-LINE LAMINATION PROCESS FOR PRODUCING DECORATIVE THERMOPLASTIC COMPOSITE PANELS
(51) Int. Cl.
B32B 37/12 (2006.01)
(87) WO2022/104065
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63/145,073 03.02.21 US
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 (54) IN-LINE LAMINATION PROCESS FOR PRODUCING THERMOPLASTIC COMPOSITE PANELS WITH TEXTURED FILM LAYERS
 (51) Int. Cl.
B32B 27/28 (2006.01)
B29C 31/08 (2006.01)
B29C 43/22 (2006.01)
B29C 43/48 (2006.01)
B29C 44/36 (2006.01)
B29C 44/46 (2006.01)
B32B 5/18 (2006.01)
B32B 5/20 (2006.01)
B32B 38/06 (2006.01)
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 (72) WEI, Liqing
 (74) LAMINAR IP PTY LTD
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- (71) Hanwha Corporation
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 (21) 2021290430 (22) 21.12.2021
 (54) Apparatus and method for searching for unregistered detonator in detonator list and confirming ID
 (51) Int. Cl.
H04W 56/00 (2009.01)
F42D 1/055 (2006.01)
 (43) 06.07.2023
 (72) KIM, Se Ho; CHOI, Jeong Ho
 (74) WRAYS PTY LTD
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- (71) HANWHA SOLUTIONS CORPORATION
 (11) AU-A-2021401515
 (21) 2021401515 (22) 18.11.2021
 (54) APPARATUS FOR SETTING COMMUNICATION ID OF ENERGY STORAGE SYSTEM
 (51) Int. Cl.
H04L 61/00 (2022.01)
H02J 7/00 (2006.01)
H04B 3/54 (2006.01)
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 (11) AU-A-2021412527
 (21) 2021412527 (22) 15.11.2021
 (54) BATTERY AUTO-BALANCING DEVICE AND METHOD FOR ENERGY STORAGE SYSTEM
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H02J 7/00 (2006.01)
H01M 10/44 (2006.01)
H02J 3/32 (2006.01)
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 (72) HWANG, Ui Seon; MIN, Jun Hong
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- (71) HANYI BIOTECHNOLOGY (BEIJING) CO., LTD
 (11) AU-A-2021414679
 (21) 2021414679 (22) 11.01.2021
 (54) WATER-SOLUBLE CANNABINOID FORMULATION AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 31/05 (2006.01)
A61K 31/352 (2006.01)
A61K 36/60 (2006.01)
A61K 47/10 (2017.01)
A61K 47/34 (2017.01)
A61K 47/69 (2017.01)
A61P 1/16 (2006.01)
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 (72) TAN, Xin; WANG, Shubin; FAN, Dekai
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd
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 (54) HOP EXTRACT
 (51) Int. Cl.
C12C 3/08 (2006.01)
C12C 12/04 (2006.01)
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 (72) HOLLERING, Paulien
 (74) Griffith Hack
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 (54) METHOD FOR DETERMINING A LIKELIHOOD OF A SUBJECT TO RESPOND TO LIPID LOWERING THERAPY
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G01N 33/50 (2006.01)
G01N 33/58 (2006.01)
G01N 33/92 (2006.01)
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H01L 31/049 (2014.01)
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 (72) MUKAI, Barbara; STEINBACH, Michael; MITTERBAUER, Josef
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 (54) SARS-COV-2 MPRO INHIBITOR COMPOUNDS
 (51) Int. Cl.
C07D 207/267 (2006.01)
A61K 31/165 (2006.01)
A61K 31/4015 (2006.01)
A61K 31/4439 (2006.01)
A61K 38/00 (2006.01)
A61P 31/14 (2006.01)
C07C 237/52 (2006.01)
C07D 401/12 (2006.01)
C07K 5/02 (2006.01)
 (87) WO2022/129953
 (31) 2020190.1 (32) 18.12.20 (33) GB
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 (72) CONGREVE, Miles Stuart; CHRISTOPHER, John Andrew; PICKWORTH, Mark; DE GRAAF, Chris; HIGUERUELO, Alicia Perez; MASON, Jonathan Stephen; KULKARNI, Santosh S.
 (74) FB Rice Pty Ltd
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 (11) AU-A-2021388072
 (21) 2021388072 (22) 15.11.2021
 (54) CONCRETE STRUCTURE COUPLER
 (51) Int. Cl.
E04C 5/16 (2006.01)
E04B 1/04 (2006.01)
E04B 1/41 (2006.01)
E04B 1/61 (2006.01)
E04B 5/17 (2006.01)
E04C 5/12 (2006.01)
 (87) WO2022/109657
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 (43) 02.06.2022
 (72) ARGYROU, George
 (74) BOSH IP Pty Ltd
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- (71) HIGHWAY EQUIPMENT COMPANY
 (11) AU-A-2022206295
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 (54) SYSTEM AND METHOD FOR CONTROLLING DISTRIBUTION PATTERNS OF CENTRIFUGAL FERTILIZER SPREADERS
 (51) Int. Cl.
A01C 17/00 (2006.01)

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(72) BOELTER, Benjamin, Dwayne;
 MARKS, Nathan, Andrew
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2021409248
(21) 2021409248 **(22)** 19.12.2021
(54) PET FOOD COMPOSITIONS
(51) Int. Cl.
A23K 20/158 (2016.01)
A23K 20/142 (2016.01)
A23K 20/163 (2016.01)
A23K 50/40 (2016.01)
(87) WO2022/140211
(31) 63/129,325 **(32)** 22.12.20 **(33)** US
(43) 30.06.2022
(72) JEWELL, Dennis; JACKSON, Matthew
(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(11) AU-A-2021409628
(21) 2021409628 **(22)** 19.12.2021
(54) METHODS, KITS AND COMPOSITIONS FOR ASSESSING AND TREATING INTERSTITIAL CYSTITIS
(51) Int. Cl.
G01N 33/68 (2006.01)
A23K 50/40 (2016.01)
(87) WO2022/140209
(31) 63/129,088 **(32)** 22.12.20 **(33)** US
(43) 30.06.2022
(72) BADRI, Dayakar; CREECH, Renea;
 PANICKAR, Kiran
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(11) AU-A-2021410652
(21) 2021410652 **(22)** 19.12.2021
(54) PET FOOD COMPOSITIONS
(51) Int. Cl.
A23K 20/142 (2016.01)
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A23K 20/163 (2016.01)
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(54) MANAGEMENT OF A PORTFOLIO OF ASSETS
(51) Int. Cl.
G06Q 10/06 (2023.01)
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- G06Q 10/00** (2023.01)
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 Sundaram; VIENGKHAM, Manyphay;
 REDVERS, Simon; BHANDARI,
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 Garrett M.; PILLUTLA, Krishna;
 DHOLAKIA, Ashoomi
(74) FPA Patent Attorneys Pty Ltd
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- (71)** HOVER, INC.
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(21) 2021397258 **(22)** 08.12.2021
(54) 3-D RECONSTRUCTION USING AUGMENTED REALITY FRAMEWORKS
(51) Int. Cl.
G06T 19/00 (2011.01)
G06T 7/00 (2017.01)
G06T 17/00 (2006.01)
G06T 19/20 (2011.01)
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 DZITSIU, Jena; ZHOU, Yunwen;
 THOMAS, Matthew; MURALI, Giridhar;
 SHREE, Atulya
(74) Davies Collison Cave Pty Ltd
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- (71)** HUAWEI TECHNOLOGIES CO., LTD.
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(54) SIGNAL PROCESSING METHOD AND APPARATUS
(51) Int. Cl.
H04L 25/02 (2006.01)
(87) WO2022/122025
(31) 202011453555.3 **(32)** 11.12.20 **(33)** CN
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(21) 2021400179 **(22)** 22.10.2021
(54) METHOD AND APPARATUS FOR DETERMINING SPATIAL REUSE PARAMETER INDICATION AND SPATIAL REUSE PARAMETER FIELD
(51) Int. Cl.
H04W 72/12 (2023.01)
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(31) 202011483071.3 **(32)** 15.12.20 **(33)** CN
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- (54)** INFORMATION TRANSMISSION METHOD, COMMUNICATION APPARATUS, COMPUTER-READABLE STORAGE MEDIUM, AND CHIP
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H04W 72/04 (2023.01)
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 HU, Mengshi
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(21) 2021401413 **(22)** 17.12.2021
(54) SPARK GAP ASSEMBLY FOR OVER-VOLTAGE PROTECTION AND SURGE ARRESTER
(51) Int. Cl.
H01T 1/16 (2006.01)
H01T 1/24 (2006.01)
H01T 4/10 (2006.01)
H01T 4/16 (2006.01)
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 Sidharth, Suresh
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- (71)** HUMANE GENOMICS INC.
(11) AU-A-2021401049
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(54) MODULAR VIRAL GENOMES AND METHODS OF PRODUCING THE SAME
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C12N 15/86 (2006.01)
A61K 39/12 (2006.01)
C12N 15/79 (2006.01)
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(54) COOLING OF A BATTERY PACK IN A SYSTEM COMPRISING A TOOL, A BATTERY PACK AND A CHARGER
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H02J 7/00 (2006.01)
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(11) AU-A-2022219868
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B01D 67/00 (2006.01)
B01D 53/22 (2006.01)
B01D 63/08 (2006.01)
B01D 69/12 (2006.01)
B01D 71/02 (2006.01)
C01B 3/50 (2006.01)
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(54) ELECTRONIC RAM PUMP CONTROLLER
(51) Int. Cl.
F04B 49/06 (2006.01)
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F16K 1/52 (2006.01)
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C07D 487/04 (2006.01)
C01D 15/00 (2006.01)
C07F 9/06 (2006.01)
C07F 9/572 (2006.01)
C07F 9/6584 (2006.01)
C09K 3/00 (2006.01)
C30B 29/54 (2006.01)
H01M 4/62 (2006.01)
H01M 6/18 (2006.01)
H01M 10/0564 (2010.01)
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G16H 20/17 (2018.01)
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(54) ASPHALT COMPOSITION, ASPHALT COMPOSITION MANUFACTURING APPARATUS, ASPHALT COMPOSITION MANUFACTURING SYSTEM, ASPHALT MIXTURE, ASPHALT COMPOSITION MANUFACTURING METHOD AND ASPHALT MIXTURE MANUFACTURING METHOD
(51) Int. Cl.
C08L 95/00 (2006.01)
C08K 3/34 (2006.01)
C08K 5/54 (2006.01)
C08L 27/02 (2006.01)
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(54) DURATION-TUNABLE HIGH-POWER PICOSECOND PULSED OPTICAL FIBRE LASER SYSTEM AND USE OF SUCH LASER SYSTEM
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H01S 3/00 (2006.01)
H01S 3/067 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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(54) METHOD FOR AUTOMATICALLY SEGMENTING MAXILLOFACIAL BONES IN CT IMAGE BY USING DEEP LEARNING
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A61B 6/00 (2006.01)
A61B 6/03 (2006.01)
A61B 6/14 (2006.01)
G06T 7/00 (2017.01)
G06T 7/10 (2017.01)
G16H 30/40 (2018.01)
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G02B 27/01 (2006.01)
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H04N 21/44 (2011.01)
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(54) FC-RECEPTOR CAR CONSTRUCTS AND CELLS
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C07K 16/28 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C12N 15/62 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) ONCOLYTIC HERPES SIMPLEX TYPE 1 VIRUSES FOR TREATMENT OF BRAIN TUMORS
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C12N 7/01 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C12N 15/869 (2006.01)
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(51) Int. Cl.
A61K 39/00 (2006.01)
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(54) METHODS AND SYSTEMS FOR CONSTRUCTING SENSING MATRICES
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H03M 7/30 (2006.01)
G06F 17/16 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited
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(21) 2021377524 (22) 16.11.2021
(54) COMPOSITION CONTAINING BIFIDOBACTERIUM LACTIS AND HUMAN MILK OLIGOSACCHARIDES AND APPLICATION THEREOF
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A61K 35/745 (2015.01)
A61K 31/702 (2006.01)
A61P 31/04 (2006.01)
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(54) NOVEL USE OF BIFIDOBACTERIUM LACTIS BL-99 IN FIGHTING AGING AND IMPROVING INNATE IMMUNITY
(51) Int. Cl.
C12N 1/20 (2006.01)
A23C 9/00 (2006.01)
A61K 35/745 (2015.01)
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A61K 31/343 (2006.01)
A61P 17/02 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
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(74) Collison & Co
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(54) PROCESSING OF TUMOR INFILTRATING LYMPHOCYTES
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
(87) WO2022/130015
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(74) PHILLIPS ORMONDE FITZPATRICK
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(54) PROCESSING OF TUMOR INFILTRATING LYMPHOCYTES
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C12N 5/0783 (2010.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
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(21) 2021404744 (22) 14.12.2021
(54) USE OF VACCINE COMPOSITIONS BASED ON SARS-COV-2 RECEPTOR BINDING DOMAIN IN DELIVERING PROTECTIVE IMMUNITY
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A61K 39/12 (2006.01)
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(74) Zone Patents Limited
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G06T 17/00 (2006.01)
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(21) 2021417412 (22) 30.12.2021
(54) LOW THERMAL CONDUCTIVITY SUPPORT SYSTEM FOR CRYOGENIC ENVIRONMENTS
(51) Int. Cl.
F25B 9/12 (2006.01)
F25B 9/10 (2006.01)
(87) WO2022/148707
(31) 17/144,894 (32) 08.01.21 (33) US
(43) 14.07.2022
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(74) Spruson & Ferguson
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(21) 2021417882 (22) 30.12.2021
(54) TRANSFER PORT SYSTEM FOR CRYOGENIC ENVIRONMENTS
(51) Int. Cl.
B01L 7/00 (2006.01)
A01N 1/02 (2006.01)
B01L 9/06 (2006.01)
F17C 3/08 (2006.01)
F25B 9/00 (2006.01)
F25D 25/00 (2006.01)
G01N 1/42 (2006.01)
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(51) Int. Cl.
F25D 19/00 (2006.01)
F25B 9/10 (2006.01)
F25B 9/12 (2006.01)
F25B 9/14 (2006.01)
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F25B 9/10 (2006.01)
F25B 9/12 (2006.01)
F25D 19/00 (2006.01)
F28D 15/02 (2006.01)
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- (71) INVENRA INC.
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(54) ORTHOGONAL MUTATIONS FOR HETERODIMERIZATION
(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 16/28 (2006.01)
C07K 16/46 (2006.01)
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(54) METHOD AND CONTROLLER FOR EVALUATING INFORMATION ABOUT A CURRENT LOCATION OF A CABIN IN A SHAFT OF AN ELEVATOR
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B66B 1/34 (2006.01)
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B66B 1/34 (2006.01)
B66B 5/00 (2006.01)
B66B 13/22 (2006.01)
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B66B 23/14 (2006.01)
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(72) NESZMERAK, Wolfgang; PFEILER, Alexander
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A61F 2/30 (2006.01)
A61F 2/38 (2006.01)
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(54) TREATMENT WITH TUMOR INFILTRATING LYMPHOCYTE THERAPIES IN COMBINATION WITH CTLA-4 AND PD-1 INHIBITORS
(51) Int. Cl.
A61K 31/675 (2006.01)
A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2022/133140
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 C07K 14/605 (2006.01)
 A61P 3/04 (2006.01)
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 G05B 19/418 (2006.01)
 G06F 8/65 (2018.01)
 G06Q 10/06 (2023.01)
 G06Q 10/08 (2023.01)
 G06Q 30/02 (2023.01)
 H05K 13/00 (2006.01)
 H05K 13/02 (2006.01)
 H05K 13/04 (2006.01)
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 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) MACROCYCLIC COMPOUNDS AND METHODS OF USE THEREOF
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 A61P 35/00 (2006.01)
 A61K 31/395 (2006.01)
 C07D 413/14 (2006.01)
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 A61K 38/00 (2006.01)
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 A61P 1/00 (2006.01)
 A61P 7/00 (2006.01)
 A61P 17/06 (2006.01)
 A61P 37/02 (2006.01)
 C07K 7/02 (2006.01)
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 (54) TREATMENT OR PREVENTION OF A DISEASE OR DISORDER
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 9/14 (2006.01)
 A61K 9/16 (2006.01)
 A61K 31/505 (2006.01)
 A61K 38/47 (2006.01)
 A61K 47/02 (2006.01)
 A61K 47/12 (2006.01)
 A61K 47/18 (2017.01)
 A61K 47/26 (2006.01)
 A61P 31/12 (2006.01)
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 (51) Int. Cl.
 A61K 9/10 (2006.01)
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 A61K 31/505 (2006.01)
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 A61K 47/10 (2017.01)
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 (11) AU-A-2021396172
 (21) 2021396172 (22) 07.12.2021
 (54) COMPOSITIONS AND METHODS RELATED TO TUMOR ACTIVATED ANTIBODIES TARGETING PSMA AND EFFECTOR CELL ANTIGENS
 (51) Int. Cl.
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/30 (2006.01)
 (87) WO2022/125576
 (31) 63/123,329 (32) 09.12.20 (33) US
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 (72) CAMPBELL, David; DIRAIMONDO, Thomas R.
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 (54) PEPTIDE COMPOSITIONS AND METHODS FOR ANTI-CD3 BINDING DOMAINS
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 A61K 38/08 (2019.01)
 A61K 38/00 (2006.01)
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 C07K 7/06 (2006.01)
 C12N 15/62 (2006.01)
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 (31) 63/122,820 (32) 08.12.20 (33) US
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 (11) AU-A-2021397734
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 (54) HALF-LIFE EXTENDING COMPOSITIONS AND METHODS
 (51) Int. Cl.
 A61K 38/08 (2019.01)
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 A61K 47/66 (2017.01)
 C07K 7/06 (2006.01)
 C12N 15/62 (2006.01)
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 (43) 16.06.2022
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 (11) AU-A-2021406047
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 (54) APPARATUS AND METHOD FOR DRYING AND STYLING HAIR
 (51) Int. Cl.

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(74) Davies Collison Cave Pty Ltd
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- (71)** JGC CORPORATION
(11) AU-A-2021427069
(21) 2021427069 **(22)** 12.02.2021
(54) LIQUEFIED HYDROGEN PRODUCTION DEVICE
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F25J 1/00 (2006.01)
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B60W 60/00 (2020.01)
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(72) ZHAO, Bin; YANG, Chao; TANG, Jianlin
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B62B 7/04 (2006.01)
B62B 7/06 (2006.01)
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A23B 7/154 (2006.01)
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(21) 2021416497 **(22)** 08.09.2021
(54) METHODS AND SYSTEMS FOR HYDROGEN LIQUEFACTION
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F25J 1/00 (2006.01)
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G01N 15/10 (2006.01)
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G01N 33/533 (2006.01)
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(54) PURGELESS MECHANICAL CIRCULATORY SUPPORT SYSTEM WITH MAGNETIC DRIVE
(51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/221 (2021.01)
A61M 60/419 (2021.01)
A61M 60/865 (2021.01)
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(11) AU-A-2021385091
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(54) MECHANICAL CIRCULATORY SUPPORT SYSTEM WITH INSERTION TOOL
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A61M 60/13 (2021.01)
A61M 25/06 (2006.01)
A61M 60/221 (2021.01)
A61M 60/416 (2021.01)
A61M 60/419 (2021.01)
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A61M 60/825 (2021.01)
A61M 60/827 (2021.01)
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B06B 1/02 (2006.01)
B06B 1/06 (2006.01)
G10K 9/122 (2006.01)
G10K 9/125 (2006.01)
 (87) WO2022/106637
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 (54) REMOTE CERTIFICATE AUTHORITY MANAGEMENT
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H04L 9/00 (2022.01)
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 (21) 2021383901 (22) 22.11.2021
 (54) BISPECIFIC ANTIBODY AND USE THEREOF
 (51) Int. Cl.
C07K 16/46 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
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C07K 16/24 (2006.01)
A61K 39/395 (2006.01)
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 (54) HINGE
 (51) Int. Cl.
E05D 7/00 (2006.01)
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 (31) 2101829.6 (32) 10.02.21 (33) GB
 (43) 18.08.2022
 (72) HALL, Benjamin
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 (21) 2021401316 (22) 17.12.2021
 (54) PROTEIN COMPOSITIONS AND METHODS FOR PRODUCING AND USING THE SAME
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C07K 16/06 (2006.01)
C07K 16/28 (2006.01)
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 (31) 63/127,973 (32) 18.12.20 (33) US
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 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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 (11) AU-A-2021380982
 (21) 2021380982 (22) 22.11.2021
 (54) MATERIAL SORTING APPARATUS
 (51) Int. Cl.
B03B 9/06 (2006.01)
B07B 1/00 (2006.01)
B07B 1/18 (2006.01)
B07B 4/00 (2006.01)
 (87) WO2022/106706
 (31) 2018299.4 (32) 20.11.20 (33) GB
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 (54) TREATMENT OF SPINAL CORD INJURY WITH PTEN INHIBITOR
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C07K 14/47 (2006.01)
A61K 38/00 (2006.01)
C12N 9/16 (2006.01)
 (87) WO2022/120278
 (31) 63/121,336 (32) 04.12.20 (33) US
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 (11) AU-A-2022223921
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 (54) UNMANNED VEHICLE MANAGEMENT SYSTEM AND UNMANNED VEHICLE MANAGEMENT METHOD
 (51) Int. Cl.
E01H 3/02 (2006.01)
G05D 1/02 (2020.01)
 (87) WO2022/176496
 (31) 2021-023450 (32) 17.02.21 (33) JP
 (43) 25.08.2022
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 (11) AU-A-2021380885
 (21) 2021380885 (22) 17.11.2021
 (54) METHODS AND SYSTEMS FOR OPTIMIZING SHOCK DELIVERY TIME USING AN AUTOMATED EXTERNAL DEFIBRILLATOR
 (51) Int. Cl.
A61N 1/39 (2006.01)
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 (31) 63/116,955 (32) 23.11.20 (33) US
 (43) 27.05.2022
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 (21) 2021382348 (22) 11.11.2021
 (54) SYSTEM AND METHOD FOR AUTO-CONFIGURABLE DATA COMPRESSION FRAMEWORK
 (51) Int. Cl.
H03M 7/30 (2006.01)
 (87) WO2022/106289
 (31) 63/116,203 (32) 20.11.20 (33) US
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 (43) 27.05.2022
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(21) 2021387867 (22) 29.11.2021
(54) METHOD AND APPARATUS
(51) Int. Cl.
A23G 1/00 (2006.01)
A23G 1/18 (2006.01)
A23G 3/34 (2006.01)
- (87) WO2022/112549
(31) 2018855.3 (32) 30.11.20 (33) GB
(43) 02.06.2022
(72) MCLEOD, Emma; OSBORNE, Anna
(74) Griffith Hack
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- (71) KRAKEN 119 PTY LTD
(11) AU-A-2021376540
(21) 2021376540 (22) 09.11.2021
(54) SYSTEM AND METHOD FOR PROVIDING AN INTERACTIVE, JUMBLED-LETTER WORD PUZZLE
(51) Int. Cl.
A63F 3/04 (2006.01)
A63F 3/00 (2006.01)
A63F 13/46 (2014.01)
- (87) WO2022/094676
(31) 2020904082 (32) 09.11.20 (33) AU
(43) 12.05.2022
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B65D 71/42 (2006.01)
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B64F 3/02 (2006.01)
A01B 59/042 (2006.01)
B60P 3/11 (2006.01)
B62D 49/00 (2006.01)
B64C 27/08 (2023.01)
B64C 39/02 (2023.01)
B64D 47/08 (2006.01)
B64F 1/12 (2006.01)
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A01B 69/00 (2006.01)
A01B 59/04 (2006.01)
B64C 27/04 (2006.01)
B64C 39/02 (2023.01)
B64D 25/00 (2006.01)
G05D 1/02 (2020.01)
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C07D 413/12 (2006.01)
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B01D 65/08 (2006.01)
C02F 1/50 (2023.01)
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A61L 27/30 (2006.01)
A61K 6/816 (2020.01)
A61K 6/84 (2020.01)
A61L 27/06 (2006.01)
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F25B 39/04 (2006.01)
C25D 11/02 (2006.01)
F24F 1/18 (2011.01)
F25B 1/00 (2006.01)
F28D 1/053 (2006.01)
F28F 9/02 (2006.01)
F28F 13/18 (2006.01)
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F16G 3/00 (2006.01)
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A61P 35/00 (2006.01)
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G01N 33/15 (2006.01)
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G06Q 50/08 (2012.01)
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A61K 31/7105 (2006.01)
A61K 31/713 (2006.01)
A61K 35/12 (2015.01)
A61K 35/17 (2015.01)
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A61K 9/00 (2006.01)
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A61L 27/52 (2006.01)
A61L 27/20 (2006.01)
A61M 5/28 (2006.01)
C08B 37/08 (2006.01)
C08J 3/075 (2006.01)
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H01M 50/383 (2021.01)
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 G02B 6/00 (2006.01)
 G02B 6/036 (2006.01)
 G02B 6/10 (2006.01)
 G03H 1/00 (2006.01)
 G03H 1/26 (2006.01)
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 B01D 53/62 (2006.01)
 C01F 11/06 (2006.01)
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 C25D 5/12 (2006.01)
 B32B 15/00 (2006.01)
 C25D 5/10 (2006.01)
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 G06K 19/077 (2006.01)
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 H04L 51/02 (2022.01)
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 (54) METHOD FOR THE MANUFACTURE OF A WOUND CARE PRODUCT, AND WOUND CARE PRODUCT
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 A61F 13/00 (2006.01)
 A61F 13/02 (2006.01)
 A61K 31/198 (2006.01)
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 E21B 25/16 (2006.01)
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 E21B 25/04 (2006.01)
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 A61F 9/00 (2006.01)
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 (54) METHOD OF EXPANDING A COMPLEX COMMUNITY OF MICROORGANISMS
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 A61K 35/66 (2015.01)
 A61K 35/74 (2015.01)
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 (54) METHOD AND SYSTEM FOR PRODUCING APOPTOTIC MONONUCLEAR CELLS
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 C02F 1/32 (2023.01)
 A61K 35/15 (2015.01)
 A61K 35/17 (2015.01)
 A61L 2/00 (2006.01)
 A61L 2/10 (2006.01)
 A61L 9/20 (2006.01)
 A61M 1/36 (2006.01)
 A61P 37/00 (2006.01)
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 B01L 3/00 (2006.01)
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H01L 31/054 (2014.01)
H01L 31/0352 (2006.01)
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G06V 10/82 (2022.01)
A61B 5/05 (2021.01)
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 (54) SYSTEMS AND METHODS FOR IDENTIFYING CANCER IN PETS
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G06N 3/045 (2023.01)
G01N 33/00 (2006.01)
G06N 3/08 (2023.01)
G06T 7/00 (2017.01)
G06V 10/82 (2022.01)
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G06Q 30/06 (2023.01)
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F01C 1/34 (2006.01)
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F01C 20/24 (2006.01)
F04C 2/34 (2006.01)
F04C 11/00 (2006.01)
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A41D 13/11 (2006.01)
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B65H 16/00 (2006.01)
B65H 54/12 (2006.01)
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H04B 11/00 (2006.01)
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B60L 53/63 (2019.01)
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A61K 31/635 (2006.01)
A61K 45/00 (2006.01)
A61K 47/10 (2017.01)
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G06N 3/02 (2006.01)
G06T 3/40 (2006.01)
H04N 19/132 (2014.01)
H04N 19/172 (2014.01)
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(21) 2021386462 **(22)** 03.11.2021
(54) "RECTAL ANAESTHESIA DELIVERY
 DEVICE AND METHOD"
(51) Int. Cl.
A61B 17/34 (2006.01)
A61M 5/142 (2006.01)
A61M 19/00 (2006.01)
A61M 25/01 (2006.01)
A61M 31/00 (2006.01)
A61M 39/10 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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G01J 1/44 (2006.01)
H04B 10/69 (2013.01)
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(54) AEROSOL GENERATING DEVICE
(51) Int. Cl.
A24F 40/465 (2020.01)
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A24D 1/20 (2020.01)
A24B 15/167 (2020.01)
A24C 5/01 (2020.01)
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(54) COMPOUNDS FOR DEGRADING
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C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 519/00 (2006.01)
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A61K 31/5513 (2006.01)
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C03C 13/00 (2006.01)
C03C 3/095 (2006.01)
C03C 4/08 (2006.01)
C03C 13/06 (2006.01)
C03C 25/255 (2018.01)
C03C 25/30 (2018.01)
D01F 9/08 (2006.01)
D06M 13/02 (2006.01)
D06M 15/227 (2006.01)
G21F 1/06 (2006.01)
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B31B 70/86 (2017.01)
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C07K 14/78 (2006.01)
C07K 16/18 (2006.01)
G01N 33/576 (2006.01)
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Julie; LANGHOLM, Lasse; FISKER,
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A61P 35/00 (2006.01)
C07K 16/18 (2006.01)
G01N 33/68 (2006.01)
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(54) CONTROL APPARATUS AND METH-
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LASER MEASURING APPARATUS
(51) Int. Cl.
G05D 23/24 (2006.01)
H03K 7/08 (2006.01)
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A61K 39/395 (2006.01)
C07K 16/28 (2006.01)
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A61K 31/404 (2006.01)
A61P 25/30 (2006.01)
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(54) METHOD FOR TREATING FIBROSIS
(51) Int. Cl.
A61K 38/05 (2006.01)
A61K 33/30 (2006.01)
A61P 11/00 (2006.01)
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E04C 3/26 (2006.01)
E04B 5/43 (2006.01)
E04C 5/01 (2006.01)
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E04C 5/08 (2006.01)
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A61K 8/41 (2006.01)
A61K 8/55 (2006.01)
A61Q 11/00 (2006.01)
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B29C 65/00 (2006.01)
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A01G 9/12 (2006.01)
A01G 9/02 (2018.01)
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B65G 1/137 (2006.01)
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(51) Int. Cl.
A23C 11/10 (2021.01)
A23C 20/02 (2021.01)
A23J 1/14 (2006.01)
A23J 3/14 (2006.01)
A23L 11/50 (2021.01)
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A23C 20/02 (2021.01)
A23L 11/40 (2021.01)
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A23C 20/02 (2021.01)
A23L 11/40 (2021.01)
A23L 29/00 (2016.01)
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G06F 21/41 (2013.01)
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G06F 21/46 (2013.01)

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(51) Int. Cl.
A61K 9/51 (2006.01)
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A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
C07B 59/00 (2006.01)
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A61B 5/00 (2006.01)
G06T 7/73 (2017.01)
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A61F 2/32 (2006.01)
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A61F 2/36 (2006.01)
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TURING METHOD THEREFOR
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B63B 25/24 (2006.01)
B63B 73/20 (2020.01)
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AGEMENT SYSTEM
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H01M 10/42 (2006.01)
H01M 10/44 (2006.01)
H01M 10/46 (2006.01)
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H04W 52/02 (2009.01)
H04W 4/40 (2018.01)
H04W 72/04 (2023.01)
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A61K 8/04 (2006.01)
A61K 8/87 (2006.01)
A61Q 19/00 (2006.01)
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E02F 9/20 (2006.01)
E02F 3/84 (2006.01)
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Alejandro; BACVANSKI, Vladimir;
PONNAIAH, Arunkumar; SELVARAJ,
Srinivasabharathi
(74) AJ PARK

(71) PAYPAL, INC.
(11) AU-A-2021409567
(21) 2021409567 **(22)** 21.12.2021

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- (54) METHODS AND SYSTEMS FOR TRACKING UNSPENT TRANSACTION OUTPUT (UTXO) TOKENS IN A DISTRIBUTED LEDGER TECHNOLOGY-BASED NETWORK
- (51) Int. Cl.
H04L 9/32 (2006.01)
H04L 9/30 (2006.01)
- (87) WO2022/140490
(31) 17/132,590 (32) 23.12.20 (33) US
(43) 30.06.2022
- (72) DALTON, Charles Gabriel Neale; DIGREGORIO, Liam Julian
- (74) FPA Patent Attorneys Pty Ltd
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- (71) PAYPAL, INC.
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(21) 2021416088 (22) 22.12.2021
- (54) SYSTEMS AND METHODS FOR MANAGING ELECTRONIC TRANSACTIONS
- (51) Int. Cl.
G06Q 20/36 (2012.01)
G06Q 20/04 (2012.01)
G06Q 20/06 (2012.01)
G06Q 20/08 (2012.01)
- (87) WO2022/146857
(31) 17/135,370 (32) 28.12.20 (33) US
(43) 07.07.2022
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- (74) FPA Patent Attorneys Pty Ltd
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- (71) PDT HOLDINGS, LLC
(11) AU-A-2021388149
(21) 2021388149 (22) 24.11.2021
- (54) METHODS AND SYSTEMS OF TREATING WATER
- (51) Int. Cl.
C02F 1/52 (2023.01)
C02F 1/463 (2023.01)
- (87) WO2022/115596
(31) 63/118,465 (32) 25.11.20 (33) US
(43) 02.06.2022
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(21) 2021393372 (22) 22.11.2021
- (54) PROCESS FOR SEPARATING CARBON DIOXIDE FROM A GAS STREAM AND USE
- (51) Int. Cl.
B01D 53/62 (2006.01)
B01D 53/84 (2006.01)
C02F 3/02 (2006.01)
- (87) WO2022/115923
(31) BR 102020024670-4 (32) 02.12.20 (33) BR
(43) 09.06.2022
- (72) CASTRO, Aline Machado De
- (74) Davies Collison Cave Pty Ltd
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- (71) PFIZER INC.
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- (21) 2021316911 (22) 22.07.2021
- (54) METHOD OF PURIFICATION OF RECOMBINANTLY-PRODUCED RSV PROTEINS IN TRIMERIC FORM
- (51) Int. Cl.
A61K 38/16 (2006.01)
C07K 14/08 (2006.01)
- (87) WO2022/023896
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- (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) PFIZER INC.
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(21) 2021404926 (22) 17.12.2021
- (54) METHODS AND COMPOSITIONS FOR INHIBITING EXCESS NUCLEIC ACID PRECIPITATION
- (51) Int. Cl.
C12N 15/86 (2006.01)
C12N 15/10 (2006.01)
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(31) 63/199,368 (32) 21.12.20 (33) US
63/263,924 11.11.21 US
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- (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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(11) AU-A-2021404929
(21) 2021404929 (22) 17.12.2021
- (54) METHODS AND SYSTEMS FOR IMPROVED CELL TRANSFECTION
- (51) Int. Cl.
C12N 15/86 (2006.01)
B01L 3/00 (2006.01)
C12M 1/00 (2006.01)
C12Q 1/68 (2018.01)
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- (54) METHODS FOR PURIFICATION OF AAV VECTORS BY AFFINITY CHROMATOGRAPHY
- (51) Int. Cl.
C12N 7/00 (2006.01)
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- (54) E. COLI FIMH MUTANTS AND USES THEREOF
- (51) Int. Cl.
C07K 14/245 (2006.01)
A61K 39/108 (2006.01)
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- (74) Davies Collison Cave Pty Ltd
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- (71) PFIZER INC.
(11) AU-A-2021404974
(21) 2021404974 (22) 21.12.2021
- (54) SOLID FORMS OF A CDK2 INHIBITOR
- (51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/415 (2006.01)
A61P 35/00 (2006.01)
- (87) WO2022/137106
(31) 63/130,530 (32) 24.12.20 (33) US
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- (74) ALLENS PATENT & TRADE MARK ATTORNEYS
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- (71) PFIZER INC.; EFFECTOR THERAPEUTICS, INC.
(11) AU-A-2021405409
(21) 2021405409 (22) 22.12.2021
- (54) SOLID FORMS OF AN EIF4E INHIBITOR
- (51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/129,170 (32) 22.12.20 (33) US
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 (11) AU-A-2021400955
 (21) 2021400955 (22) 16.12.2021
 (54) COMPOSITIONS FOR IMPROVED DELIVERY OF CGRP INHIBITORS
 (51) Int. Cl.
C07K 14/00 (2006.01)
A61K 38/00 (2006.01)
 (87) WO2022/132989
 (31) 63/126,550 (32) 17.12.20 (33) US
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 (54) CANNABIDIOL COMPOSITIONS AND USES THEREOF
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A61K 31/05 (2006.01)
A61K 9/00 (2006.01)
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A61P 17/00 (2006.01)
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 (43) 30.06.2022
 (72) AESCHBACH, Rodin
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 (11) AU-A-2022209089
 (21) 2022209089 (22) 13.01.2022
 (54) CYCLIC OXAPHOSPHINANE COMPOUNDS AND ANALOGUES THEREOF FOR TREATING FIBROTIC DISEASES
 (51) Int. Cl.
A61K 31/665 (2006.01)
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A61P 17/02 (2006.01)
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 (31) 21305031.3 (32) 13.01.21 (33) EP
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 (72) CLARION, Ludovic; CHORRO, Karine; LOISEAU, Séverine; PAU, Bernard; ARGILES, Angel; GAYRARD, Nathalie
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- (71) PINEHURST ASSOCIATES LIMITED
 (11) AU-A-2021397960
 (21) 2021397960 (22) 09.12.2021
 (54) IMPROVED BIODEGRADABLE COMPOSITION AND THEIR METHODS FOR MANUFACTURE
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C08L 101/16 (2006.01)
A01G 9/02 (2018.01)
C05B 17/00 (2006.01)
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 (54) ANTI-MARCO ANTIBODIES AND USES THEREOF
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) PLANET PROTECTOR PACKAGING PTY LIMITED
 (11) AU-A-2021389156
 (21) 2021389156 (22) 25.08.2021
 (54) A CONTAINER
 (51) Int. Cl.
B65D 81/38 (2006.01)
B65D 85/00 (2006.01)
F25D 3/06 (2006.01)
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 (31) 2020904387 (32) 27.11.20 (33) AU
 (43) 02.06.2022
 (72) CARNABY, Garth
 (74) GLMR
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 (21) 2021384865 (22) 23.11.2021
 (54) PROCESS FOR PRODUCING A NON-FLAT ARTICLE
 (51) Int. Cl.
C08J 5/04 (2006.01)
C08J 5/24 (2006.01)
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 (72) BAKKER, Wridzer Jan Willem; ROUAUD, Mathieu Baptiste
 (74) FPA Patent Attorneys Pty Ltd
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- (71) PLASTECH RECYCLING LIMITED
 (11) AU-A-2022215001
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 (54) A ROTOR, A PLASTICS PROCESSING APPARATUS AND AN ASSOCIATED METHOD
 (51) Int. Cl.
B29B 17/00 (2006.01)
B02C 4/18 (2006.01)
B02C 4/44 (2006.01)
B29B 7/00 (2006.01)
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- B29B 13/02** (2006.01)
B29C 45/46 (2006.01)
B29C 48/465 (2019.01)
 (87) WO2022/160003
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 (43) 04.08.2022
 (72) BARKER, Colin; BARKER, Peter; SLOCOMBE, Ronald
 (74) Adams Pluck
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- (71) POLBIONICA SP. Z O.O.
 (11) AU-A-2021405399
 (21) 2021405399 (22) 22.12.2021
 (54) A SYSTEM FOR STORING OR CULTIVATING OF AN ORGAN OR TISSUE MODEL AND USES THEREOF
 (51) Int. Cl.
A01N 1/02 (2006.01)
C12M 1/12 (2006.01)
C12M 3/00 (2006.01)
 (87) WO2022/137164
 (31) 20461600.7 (32) 22.12.20 (33) EP
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 (74) James & Wells Intellectual Property
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- (71) POLYBEE PTE. LTD.
 (11) AU-A-2021383065
 (21) 2021383065 (22) 19.11.2021
 (54) METHOD AND SYSTEM FOR POLLINATION
 (51) Int. Cl.
A01H 1/02 (2006.01)
B64C 39/02 (2023.01)
 (87) WO2022/108533
 (31) 10202011643V (32) 23.11.20 (33) SG
 (43) 27.05.2022
 (72) JADHAV SIDDHARTH SUNIL, Siddharth Sunil
 (74) Koch IP Pty Ltd
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- (71) POSCO CO., LTD
 (11) AU-A-2021400481
 (21) 2021400481 (22) 04.11.2021
 (54) HIGH-HARDNESS BULLET-PROOF STEEL WITH EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS AND METHOD FOR MANUFACTURING SAME
 (51) Int. Cl.
C22C 38/58 (2006.01)
C21D 8/02 (2006.01)
C21D 9/46 (2006.01)
C22C 38/44 (2006.01)
C22C 38/48 (2006.01)
C22C 38/54 (2006.01)
 (87) WO2022/131538
 (31) 10-2020-0179070 (32) 18.12.20 (33) KR
 (43) 23.06.2022
 (72) YU, Seng-Ho; CHO, Nam-Young
 (74) Griffith Hack
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 (11) AU-A-2021400482

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 (54) HIGH-HARDNESS ARMORED STEEL HAVING EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131543
 (31) 10-2020-0179071 (32) 18.12.20 (33) KR
 (43) 23.06.2022
 (72) YU, Seng-Ho; CHO, Nam-Young
 (74) Griffith Hack
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 (11) AU-A-2021400778
 (21) 2021400778 (22) 04.11.2021
 (54) HIGH-HARDNESS BULLET-PROOF STEEL WITH EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS AND METHOD FOR MANUFACTURING SAME
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131535
 (31) 10-2020-0179081 (32) 18.12.20 (33) KR
 (43) 23.06.2022
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 (11) AU-A-2021400779
 (21) 2021400779 (22) 04.11.2021
 (54) ARMORED STEEL HAVING HIGH HARDNESS AND EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131540
 (31) 10-2020-0179080 (32) 18.12.20 (33) KR
 (43) 23.06.2022
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 (11) AU-A-2021401505
 (21) 2021401505 (22) 04.11.2021
 (54) HIGH-HARDNESS ARMORED STEEL HAVING EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131543
 (31) 10-2020-0179079 (32) 18.12.20 (33) KR
 (43) 23.06.2022
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 (74) Griffith Hack
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 (11) AU-A-2021401506
 (21) 2021401506 (22) 04.11.2021
 (54) HIGH HARDNESS ARMORED STEEL HAVING EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131542
 (31) 10-2020-0179083 (32) 18.12.20 (33) KR
 (43) 23.06.2022
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 (74) Griffith Hack
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 (11) AU-A-2021402470
 (21) 2021402470 (22) 04.11.2021
 (54) ARMORED STEEL HAVING HIGH HARDNESS AND EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND METHOD FOR MANUFACTURING SAME
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131539
 (31) 10-2020-0179084 (32) 18.12.20 (33) KR
 (43) 23.06.2022
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 (21) 2021402965 (22) 04.11.2021
 (54) HIGH HARDNESS ARMORED STEEL HAVING EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
 C22C 38/58 (2006.01)
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 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
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 C22C 38/54 (2006.01)
 (87) WO2022/131532
 (31) 10-2020-0179082 (32) 18.12.20 (33) KR
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 (21) 2021402966 (22) 04.11.2021
 (54) ARMORED STEEL HAVING HIGH HARDNESS AND EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS, AND METHOD FOR MANUFACTURING SAME
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/02 (2006.01)
 C21D 9/46 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/48 (2006.01)
 C22C 38/54 (2006.01)
 (87) WO2022/131541
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 (11) AU-A-2021410309
 (21) 2021410309 (22) 18.11.2021
 (54) HIGHLY THICK STEEL MATERIAL HAVING EXCELLENT LOW-TEMPERATURE IMPACT TOUGHNESS AND MANUFACTURING METHOD THEREFOR
 (51) Int. Cl.
 C22C 38/58 (2006.01)
 C21D 8/00 (2006.01)
 C22C 38/42 (2006.01)
 C22C 38/44 (2006.01)
 C22C 38/46 (2006.01)
 C22C 38/50 (2006.01)
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 (31) 10-2020-0180190 (32) 21.12.20 (33) KR
 (43) 30.06.2022
 (72) KIM, Dae-Woo
 (74) Griffith Hack
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 (11) AU-A-2022205683
 (21) 2022205683 (22) 10.01.2022
 (54) CHIMERIC RECEPTOR THERAPY
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 39/395 (2006.01)
 A61K 48/00 (2006.01)
 C07K 14/705 (2006.01)
 (87) WO2022/150732
 (31) 63/136,074 (32) 11.01.21 (33) US
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 (72) SABZEVARI, Helen; BOLINGER, Cheryl; SHAH, Rutul; CHEN, ChangHung; KURELLA, Vinodhbabu; WESA, Amy
 (74) Spruson & Ferguson

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(21) 2021399231	63/127,277	ING A PHOTOVOLTAIC PANEL	
(54) A METHOD OF CALIBRATING A	63/127,300	Int. Cl.	
METER MODULE COMPRISING AN	63/127,327	F16B 43/02 (2006.01)	
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(51) Int. Cl.	63/127,437	F16C 11/04 (2006.01)	
A01C 7/08 (2006.01)	63/127,456	(87) WO2022/133240	
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A01C 19/02 (2006.01)	(43) 23.06.2022	(43) 23.06.2022	
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(87) WO2022/130059	(74) Griffith Hack	jamin, Franklin; CLOUD, Randy;	
(31) 63/127,229	(71) PRECISION PLANTING LLC	KOEHLER, David; THAKKAR, Jaanki;	
63/127,277	(11) AU-A-2021403744	MARKIEWICZ, John, B.; KAUNAS,	
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(43) 23.06.2022	(43) 23.06.2022	B.	
(72) PLATTNER, Chad E	(72) PLATTNER, Chad E	(74) KINGS PATENT & TRADE MARKS AT-	
(74) Griffith Hack	(74) Griffith Hack	TORNEYS PTY LTD	
	(71) PRECISION PLANTING LLC	(71) PREFORMED LINE PRODUCTS CO.	
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(54) METER MODULE FOR METERING	(54) METER CALIBRATION	MENT DEVICE	
PRODUCT	(51) Int. Cl.	(51) Int. Cl.	
(51) Int. Cl.	A01C 7/08 (2006.01)	F16B 43/02 (2006.01)	
A01C 7/08 (2006.01)	A01C 7/10 (2006.01)	F16G 11/12 (2006.01)	
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63/127,327	63/127,370		
63/127,370	63/127,437	(71) PRESIDENT AND FELLOWS OF HAR-	
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A01C 7/16 (2006.01)			
A01C 19/02 (2006.01)			
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CHEMICAL SENSORS
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METHODS
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G02B 27/10 (2006.01)
H01S 3/00 (2006.01)
H01S 3/10 (2006.01)
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THEREOF, AND METHOD FOR
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AQUEOUS SYSTEM, USING A PRO-
DUCTION PLANT, USE OF A MONIT-
ORING METHOD, AND PRODUCTION
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A61M 5/24 (2006.01)
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C07C 29/151 (2006.01)
C07C 41/01 (2006.01)
C10G 2/00 (2006.01)
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F02M 21/02 (2006.01)
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B63H 11/00 (2006.01)
C25B 1/00 (2021.01)
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F01K 11/02 (2006.01)
F01K 15/00 (2006.01)
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 (54) COMPOUNDS AND USE THEREOF FOR TREATMENT OF NEURODEGENERATIVE, DEGENERATIVE AND METABOLIC DISORDERS
 (51) Int. Cl.
A61K 31/18 (2006.01)
A61K 31/41 (2006.01)
A61P 25/28 (2006.01)
C07D 403/10 (2006.01)
C07D 403/12 (2006.01)
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 (54) MODULATING THE IMMUNE RESPONSE USING ANTI-CD30 ANTI-BODY-DRUG CONJUGATES
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A61K 47/68 (2017.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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- (71) SENSORY MEDICAL INC.
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 (21) 2021397241 (22) 07.12.2021
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 (51) Int. Cl.
A47D 7/02 (2006.01)
A47C 21/08 (2006.01)
A47C 29/00 (2006.01)
A47C 31/00 (2006.01)
A61G 7/05 (2006.01)
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(54) COMBINATION THERAPY FOR INFLAMMATORY DISORDERS OF THE JOINTS
(51) Int. Cl.
A61K 31/519 (2006.01)
A61K 35/747 (2015.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
A61P 19/02 (2006.01)
A61P 29/00 (2006.01)
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C07K 16/24 (2006.01)
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(72) FINLAYSON, Wayne
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(54) COMBINATION THERAPY FOR PATIENTS HAVING ACUTE AND/OR PERSISTENT DYSPNEA
(51) Int. Cl.
A61K 31/138 (2006.01)
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A61K 31/585 (2006.01)
A61K 31/7042 (2006.01)
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A61P 9/04 (2006.01)
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A44B 19/38 (2006.01)
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(54) BACKING MORTAR OF FIBER-REINFORCED CEMENT-BASED COMPOSITE MARBLE AND PREPARATION METHOD THEREOF
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C04B 28/04 (2006.01)
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(54) SALT AND CRYSTAL FORM OF NITROGEN-CONTAINING HETEROCYCLIC DERIVATIVE, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
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C07D 403/14 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(72) LIU, Qingxin; GUO, Linsong
(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2021395129 (22) 10.12.2021
(54) CD73 ANTIGEN-BINDING PROTEIN AND APPLICATION THEREOF
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 45/06 (2006.01)
A61P 35/00 (2006.01)
C07K 16/40 (2006.01)
C12N 5/10 (2006.01)
G01N 33/573 (2006.01)
G01N 33/68 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C12N 15/13 (2006.01)
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A45D 20/12 (2006.01)
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- (71) SHARKNINJA OPERATING LLC
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(54) COOKING DEVICE AND COMPONENTS THEREOF
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A47J 37/06 (2006.01)
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C07K 14/525 (2006.01)
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(54) METHOD OF DETERMINING RESISTANCE TO CHECKPOINT INHIBITOR THERAPIES
(51) Int. Cl.
G01N 33/574 (2006.01)
A61K 39/395 (2006.01)
A61P 31/00 (2006.01)
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(11) AU-A-2021408239
(21) 2021408239 (22) 27.12.2021
(54) SILENCING DEVICE AND REFRIGERATOR
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F04B 39/06 (2006.01)
F04D 25/08 (2006.01)
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(54) HYDROXAMATE COMPOUND, PREPARATION METHOD THEREFOR AND APPLICATION THEREOF
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C07D 417/14 (2006.01)
A61K 31/455 (2006.01)
A61P 29/00 (2006.01)
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A61P 37/00 (2006.01)
C07D 213/82 (2006.01)
C07D 401/12 (2006.01)
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(54) BISPECIFIC ANTIBODY FOR SPECIFICALLY NEUTRALIZING TGF-B SIGNAL OF HELPER T CELL, AND PHARMACEUTICAL COMBINATION AND USE THEREOF
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C07K 16/46 (2006.01)
A61K 39/395 (2006.01)
A61P 13/12 (2006.01)
A61P 19/08 (2006.01)
A61P 25/28 (2006.01)
A61P 31/12 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
A61P 37/02 (2006.01)
C12N 15/13 (2006.01)
C12P 21/00 (2006.01)
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(54) LESION CROSSING SHOCK WAVE CATHETER
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G01N 33/53 (2006.01)
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F24F 11/30 (2018.01)
F24F 11/61 (2018.01)
F24F 11/64 (2018.01)
G05B 15/02 (2006.01)
G06Q 10/00 (2023.01)
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(54) DOOR GAP LOCK
(51) Int. Cl.
E05C 17/16 (2006.01)
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(54) CONFIGURABLE REVISION ACETABULAR PROSTHESIS
(51) Int. Cl.
A61F 2/34 (2006.01)
A61F 2/30 (2006.01)
A61F 2/32 (2006.01)
A61F 2/36 (2006.01)
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(74) Patentec Patent Attorneys
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(54) SCREENING BUCKET
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E02F 3/407 (2006.01)
B07B 1/15 (2006.01)
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(72) RISI, Mirco
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B65D 65/40 (2006.01)
B31F 1/22 (2006.01)
B31F 5/04 (2006.01)
B32B 3/26 (2006.01)
B32B 7/12 (2006.01)
B32B 29/00 (2006.01)
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B65D 65/46 (2006.01)
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 (74) Patentec Patent Attorneys
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 (54) TUBING HANGER DEPLOYMENT TOOL
 (51) Int. Cl.
E21B 23/04 (2006.01)
E21B 33/04 (2006.01)
 (87) WO2022/182243
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 (43) 01.09.2022
 (72) HOGNESTAD, Kåre; HERLAND, Hasse; OPHEIM, Kenneth
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 (54) PROSTHETIC IMPLANT REMOVAL TOOL AND ASSOCIATED METHOD
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A61F 2/46 (2006.01)
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E04B 5/40 (2006.01)
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 (43) 14.07.2022
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 (11) AU-A-2021446162
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B65G 47/00 (2006.01)
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 (72) HUANG, Ke; LU, Longhua; KONG, Zhaocun
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 (11) AU-A-2022214612
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 (54) REVERSE SHOULDER PROSTHESIS AND RELATED METHODS
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A61F 2/40 (2006.01)
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 (43) 04.08.2022
 (72) ORBAY, Jorge; SIXTO, Robert; RUBIO, Francisco
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 (11) AU-A-2021391581
 (21) 2021391581 (22) 18.11.2021
 (54) DEUTERATED OR PARTIALLY DEUTERATED N,N-DIMETHYLTRYPTAMINE COMPOUNDS
 (51) Int. Cl.
C07D 209/16 (2006.01)
A61K 31/4045 (2006.01)
A61P 25/18 (2006.01)
A61P 25/22 (2006.01)
A61P 25/24 (2006.01)
A61P 25/30 (2006.01)
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- (71) SMARTCONE TECHNOLOGIES INC.
 (11) AU-A-2021405284
 (21) 2021405284 (22) 21.12.2021
 (54) MULTI-FACTOR AUTHENTICATION EMPLOYING A WEARABLE MOBILE DEVICE, AND ACCESS-CONTROL SYSTEMS
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G07C 9/22 (2020.01)
G06F 21/32 (2013.01)
G06F 21/40 (2013.01)
G07C 9/25 (2020.01)
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 (43) 30.06.2022
 (72) LEE, Jason
 (74) AUSTRALASIA IP PTY LTD
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- (71) SMARTPAK EQUINE LLC
 (11) AU-A-2021400817
 (21) 2021400817 (22) 14.12.2021
 (54) ORDER FULFILLMENT AND DELIVERY OF EQUINE PRODUCTS
 (51) Int. Cl.
G06Q 30/06 (2023.01)
G06Q 10/08 (2023.01)
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 (31) 63/125,439 (32) 15.12.20 (33) US
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 (72) CORBY, Dodd; MINARD, Rebecca; STRONG, Lawrence
 (74) Davies Collison Cave Pty Ltd
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- (71) SNF GROUP
 (11) AU-A-2021405147
 (21) 2021405147 (22) 21.12.2021
 (54) PROCESS FOR MANUFACTURING PAPER OR CARDBOARD
 (51) Int. Cl.
D21H 17/37 (2006.01)
D21H 21/10 (2006.01)
 (87) WO2022/136794
 (31) FR2013917 (32) 22.12.20 (33) FR
 (43) 30.06.2022
 (72) BARRIERE, Cyril; MARTEL, Bastien
 (74) Davies Collison Cave Pty Ltd
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- (71) SNF GROUP
 (11) AU-A-2021405735
 (21) 2021405735 (22) 22.12.2021
 (54) METHOD FOR INERTING CLAYS IN HYDRAULIC COMPOSITIONS INTENDED FOR CONSTRUCTION
 (51) Int. Cl.
C04B 24/26 (2006.01)
C04B 28/02 (2006.01)
C04B 111/10 (2006.01)
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 (72) BOURSIER, Thomas; MESNAGER, Julien; BLONDEL, Frédéric; FAVERO, Cédric; KIEFFER, Johann
 (74) Michael Buck IP
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- (71) SOCIETE DES PRODUITS NESTLE S.A.
 (11) AU-A-2022212474
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 (54) BEVERAGE SYSTEM
 (51) Int. Cl.
A47J 31/06 (2006.01)
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 (31) 21154182.6 (32) 29.01.21 (33) EP
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 A61K 31/702 (2006.01)
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 B32B 1/02 (2006.01)
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 C07C 51/00 (2006.01)
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 C07H 1/00 (2006.01)
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B63B 21/50 (2006.01)
B65D 90/46 (2006.01)
E21B 43/01 (2006.01)
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F23C 10/10 (2006.01)
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C02F 1/68 (2023.01)
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 (54) FLUID DELIVERY SYSTEM CONTAIN-
 ER AND METHOD OF USE
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A61M 5/00 (2006.01)
A61B 50/33 (2016.01)
B65D 6/00 (2006.01)
B65D 6/16 (2006.01)
B65D 25/10 (2006.01)
B65D 43/16 (2006.01)
B65D 77/04 (2006.01)
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C12N 15/113 (2010.01)
A61K 39/44 (2006.01)
B82Y 5/00 (2011.01)
C07K 16/30 (2006.01)
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A61P 35/00 (2006.01)
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H01M 4/24 (2006.01)
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
C25B 11/04 (2021.01)
H01M 4/32 (2006.01)
H01M 10/30 (2006.01)
H01M 10/44 (2006.01)
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H01M 50/60 (2021.01)
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G01C 21/00 (2006.01)
G09B 29/00 (2006.01)
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E21B 47/002 (2012.01)
E21B 47/26 (2012.01)
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F16D 43/02 (2006.01)
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G02B 7/12 (2021.01)
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A61P 19/02 (2006.01)
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C12N 9/22 (2006.01)
C12N 9/96 (2006.01)
C12N 15/09 (2006.01)
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C12Q 1/68 (2018.01)
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G01N 21/78 (2006.01)
G01N 21/80 (2006.01)
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A61K 31/395 (2006.01)
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B65F 1/00 (2006.01)
A61L 9/04 (2006.01)
B29C 48/08 (2019.01)
B65D 30/08 (2006.01)
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A61P 1/16 (2006.01)
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C07D 233/61 (2006.01)
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C12N 5/071 (2010.01)
A61K 9/00 (2006.01)
A61K 35/39 (2015.01)
A61P 3/10 (2006.01)
C07K 14/705 (2006.01)
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C07F 7/18 (2006.01)
G01N 21/64 (2006.01)
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G06V 20/58 (2022.01)
G06K 5/00 (2006.01)
G06Q 20/18 (2012.01)
G06T 7/10 (2017.01)
G06V 10/70 (2022.01)
G07G 1/12 (2006.01)
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G06Q 30/06 (2023.01)
G06T 1/40 (2006.01)
G06T 7/174 (2017.01)
G06V 10/764 (2022.01)
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 E21B 33/035 (2006.01)
 E21B 33/038 (2006.01)
 E21B 33/064 (2006.01)
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 H01J 37/00 (2006.01)
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 C07C 29/151 (2006.01)
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 C01B 32/50 (2017.01)
 C07C 7/04 (2006.01)
 C07C 29/80 (2006.01)
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 C10G 75/04 (2006.01)
 C10L 1/196 (2006.01)
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 C10L 1/238 (2006.01)
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A61K 9/08 (2006.01)
A61K 31/192 (2006.01)
A61K 31/575 (2006.01)
A61P 27/02 (2006.01)
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C12Q 1/02 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/15 (2006.01)
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C12Q 1/02 (2006.01)
C12Q 1/68 (2018.01)
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C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
C12N 15/62 (2006.01)
C12N 15/90 (2006.01)
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A61K 38/17 (2006.01)
A61K 38/20 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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C07C 1/04 (2006.01)
B01J 29/84 (2006.01)
C07C 1/06 (2006.01)
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C07C 11/04 (2006.01)
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B06B 1/02 (2006.01)
H02M 7/483 (2007.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/6886 (2018.01)
G01N 30/74 (2006.01)
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 C02F 1/28 (2023.01)
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 E02F 5/18 (2006.01)
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A61P 11/00 (2006.01)
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C12N 5/071 (2010.01)
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A61P 9/10 (2006.01)
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H04L 41/12 (2022.01)
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H04L 9/40 (2022.01)
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H04L 9/40 (2022.01)
H04L 67/02 (2022.01)
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C07K 16/28 (2006.01)

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(51) Int. Cl.
H02K 1/22 (2006.01)
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A61K 39/12 (2006.01)
A61P 31/20 (2006.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
G01N 33/569 (2006.01)
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 TRANSLATING THE SAME THROUGH
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A61M 5/315 (2006.01)
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E03B 7/07 (2006.01)
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E21B 23/04 (2006.01)
E21B 29/10 (2006.01)
E21B 33/12 (2006.01)
E21B 41/00 (2006.01)
E21B 43/10 (2006.01)
F16L 55/163 (2006.01)
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B60B 7/01 (2006.01)
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 AND AN AGRICULTURAL OR MOW-
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A01D 34/82 (2006.01)
F16C 19/00 (2006.01)
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A61K 31/4743 (2006.01)
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B62B 7/14 (2006.01)
A47D 1/10 (2006.01)
B62B 1/00 (2006.01)
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B62B 9/00 (2006.01)
B62B 9/12 (2006.01)
B62B 9/28 (2006.01)
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A47D 13/02 (2006.01)
B60N 2/28 (2006.01)
B62B 5/08 (2006.01)
B62B 7/10 (2006.01)
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B62B 9/12 (2006.01)
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B60H 1/00 (2006.01)
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H04Q 9/02 (2006.01)
G07C 5/00 (2006.01)
H04W 4/38 (2018.01)
H04W 4/44 (2018.01)
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A61C 5/82 (2017.01)
A61C 5/80 (2017.01)
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B24B 23/02 (2006.01)
B24B 23/00 (2006.01)
H01R 13/639 (2006.01)
H01R 13/72 (2006.01)
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A61K 9/16 (2006.01)
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A61K 31/445 (2006.01)
A61K 31/4545 (2006.01)
A61P 3/00 (2006.01)
A61P 25/28 (2006.01)
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A61P 3/04 (2006.01)
A61P 3/06 (2006.01)
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C07K 1/04 (2006.01)
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G06V 20/52 (2022.01)
G06V 10/46 (2022.01)
G06V 10/74 (2022.01)
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G06Q 10/00 (2023.01)
G06Q 10/06 (2023.01)
G06Q 50/30 (2012.01)
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A01K 67/027 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
C12N 15/864 (2006.01)
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F27D 27/00 (2010.01)
H02K 44/06 (2006.01)
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- (43) 30.06.2022
- (72) TAKAHASHI Kenzo
- (74) Griffith Hack
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- (51) Int. Cl.
F27D 27/00 (2010.01)
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- (54) SEPARATING DEVICE, COMBINE HARVESTER WITH A SEPARATING DEVICE, AND METHOD FOR SEPARATING WEED SEEDS AND LOST CROPS FROM THE WASTAGE OUTFLOW OF A HARVESTING MACHINE
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A01D 41/12 (2006.01)
A01F 12/40 (2006.01)
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- (74) Patent Attorney Services
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2021375504	QMO IP PTY LTD.	2021382570	THE FEINSTEIN INSTITUTES FOR MEDICAL RESEARCH
2021376540	KRAKEN 119 PTY LTD	2021382658	PIONYR IMMUNOTHERAPEUTICS, INC.
2021377194	DYNO NOBEL ASIA PACIFIC PTY LIMITED	2021382676	W. L. GORE & ASSOCIATES, INC.
2021377285	GIFTED BILL ENTERPRISES, LLC	2021382717	ACTINIUM PHARMACEUTICALS, INC.
2021377336	PROTHERA BIOLOGICS, INC.	2021382771	NINGBO COMBIREG PHARMACEUTICAL TECHNOLOGY CO., LTD.
2021377418	UNIVERSITY OF SOUTH AUSTRALIA	2021382933	THE UNIVERSITY OF BIRMINGHAM; DALHOUSIE UNIVERSITY
2021377501	SURESH, B.; NAGAJYOTHI, K.	2021383065	POLYBEE PTE. LTD.
2021377524	INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD	2021383177	LANTERN PHARMA INC.
2021377577	GLORY LTD.	2021383318	GOLDMAN SACHS & CO. LLC
2021377710	CRAITOR, INC.	2021383514	BRYTE AS
2021377728	WERP INTERNATIONAL PTY LTD	2021383563	EBERHARD KARLS UNIVERSITÄT TÜBINGEN
2021377891	BIOGEN MA INC.	2021383567	XENON HOLDING GMBH
2021378065	HENKEL AG & CO. KGAA	2021383613	UNITED THERAPEUTICS CORPORATION;
2021378098	ATELERIX LIMITED	2021383634	MANNKIND CORPORATION
2021378331	UNIVERSITY OF SOUTH AUSTRALIA; CENTRAL ADELAIDE LOCAL HEALTH NETWORK INC; THE UNIVERSITY OF ADELAIDE	2021383635	ESSERRE PHARMA SRL
2021378393	VAPOROX, INC.	2021383751	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY; ALGORITHMIC BIOLOGICS PRIVATE LIMITED
2021378806	HANWHA AZDEL, INC.	2021383828	STEADMAN PHILIPPON RESEARCH INSTITUTE; BAHNEY, C.; DESAI, T.; RIVERA, K.; WU, C.
2021378824	AUSTRALIAN DROID & ROBOT PTY LTD	2021383828	JANSSEN PHARMACEUTICA NV; PROTAGONIST THERAPEUTICS, INC.
2021378903	INNER MONGOLIA YILI INDUSTRIAL GROUP CO., LTD.; INNER MONGOLIA DAIRY TECH RES INSTITUTE CO LTD	2021383834	UNITED STATES GOVERNMENT AS REPRESENTED BY THE DEPARTMENT OF VETERANS AFFAIRS
2021379118	M-PLANTER.NZ LIMITED	2021383901	KEYMED BIOSCIENCES CO., LTD
2021379306	JANSSEN BIOTECH, INC.	2021383922	JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
2021379479	OZ INDUSTRY CO.,LTD	2021383931	KARDION GMBH
2021379563	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY	2021384063	PREVECEUTICAL MEDICAL INC.
2021379567	MERCTECH PTY LTD	2021384225	LEMBA BV
2021379587	AIRTECH INTERNATIONAL, INC.	2021384235	DEFUGO TECHNOLOGIES PTE LTD
2021379745	BERKELEY FERMENTATION SCIENCE INC.	2021384629	STADSON (BEIJING) BIOPHARMACEUTICALS CO., LTD.

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

2021384645	SHUWEN BIOTECH CO., LTD.	2021390700	NIGHTINGALE HEALTH OYJ
2021384649	MARP INVENTION S.R.O.	2021390798	DELTATEK OIL TOOLS LIMITED
2021384675	CHINA MOBILE COMMUNICATION CO., LTD RE- SEARCH INSTITUTE; CHINA MOBILE COMMUNICA- TIONS GROUP CO., LTD.	2021390923	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2021384766	THE UNIVERSITY OF QUEENSLAND	2021390926	WORK AIR TECHNOLOGIES PTY LTD
2021384794	PURGOS APS	2021391153	SHENZHEN CHIPSCREEN BIOSCIENCES CO., LTD.
2021384849	RHEINMETALL ELECTRONICS GMBH	2021391376	EVONIK OPERATIONS GMBH
2021384865	PLANTICS HOLDING B.V.	2021391517	BWXT ADVANCED TECHNOLOGIES LLC
2021384866	GP TECNIC SL	2021391542	TRACK TOOLS, LLC
2021385073	CARBON TECHNOLOGY HOLDINGS, LLC	2021391573	ROLLS-ROYCE SMR LIMITED
2021385091	KARDION GMBH	2021391581	SMALL PHARMA LTD
2021385285	RENEO PHARMACEUTICALS, INC.	2021391611	EPIGENICA AB
2021385343	CITY OF HOPE	2021391637	UNIVERSITEIT ANTWERPEN; UNIVERSITAIR ZIEK- ENHUIS ANTWERPEN
2021385430	RONDO ENERGY, INC.	2021391734	ODDLYGOOD GLOBAL OY
2021385533	F3 PLATFORM BIOLOGICS, INC.	2021391779	SEAGEN INC.
2021386130	DEXCOM, INC.	2021391803	BIOGEN MA INC.
2021386339	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JI- ANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.	2021391820	SHATTUCK LABS, INC.
2021386358	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2021391921	GRITSTONE BIO, INC.
2021386369	DERMTECH, INC.	2021391949	ARDELYX, INC.; ASTRAZENECA AB
2021386376	MOREAU, D.	2021391969	UNIVERSITEIT ANTWERPEN; UNIVERSITAIR ZIEK- ENHUIS ANTWERPEN
2021386422	CENTRE LEON BERARD; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE); UNIVERSITE CLAUDE BERNARD LYON 1	2021392090	ZYNERBA PHARMACEUTICALS, INC.
2021386462	NEW MEDTEK DEVICES PTY LTD	2021392094	LEPTON PHARMACEUTICALS LTD.
2021386481	PAWLUSKI, V.E.	2021392237	ENEOS CORPORATION; DE NORA PERMELEC LTD
2021386501	SAINT-GOBAIN ISOVER	2021392280	ENEOS CORPORATION
2021386512	FREEFLOW TECHNOLOGIES LIMITED	2021392306	MATHERS HYDRAULICS TECHNOLOGIES PTY LTD
2021386553	KRONES AG	2021392472	REGIMMUNE CORPORATION; OSAKA UNIVERSITY
2021386607	ESSENCE SECURITY INTERNATIONAL (E.S.I.) LTD.	2021392476	ENEOS CORPORATION
2021386691	4D PHARMA LEON, S.L.U.	2021392625	GENENTECH, INC.
2021387363	FURUKAWA ELECTRIC CO., LTD.; THE FURUKAWA BATTERY CO., LTD.	2021392674	RUNWAY BLUE, LLC
2021387517	INNOVO THERAPEUTICS INC.	2021392709	IMMVIRA CO., LIMITED
2021387535	NANYANG TECHNOLOGICAL UNIVERSITY; ICE BIOSCIENCE INC.	2021392734	FASETTO, INC.
2021387768	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2021392749	ACTNANO, INC.
2021387813	APPARO, LLC	2021392820	WORK AIR TECHNOLOGIES PTY LTD
2021387867	KRAFT FOODS SCHWEIZ HOLDING GMBH	2021393061	ODDLYGOOD GLOBAL OY
2021387981	BAND THERAPEUTICS, LLC	2021393208	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2021388019	ENI S.P.A.	2021393372	PETRÓLEO BRASILEIRO S.A. - PETROBRAS
2021388072	HICKORY DESIGN PTY LTD	2021393374	REPROBIOGEN INC.
2021388075	SIMMONS, G.	2021393431	W. L. GORE & ASSOCIATES, INC.
2021388149	PDT HOLDINGS, LLC	2021393513	ARCUTIS BIOTHERAPEUTICS, INC.
2021388167	GENEIUS BIOTECHNOLOGY, INC.	2021393526	KOLON TISSUEGENE, INC.
2021388214	FURUKAWA ELECTRIC CO., LTD.; THE FURUKAWA BATTERY CO., LTD.	2021393591	UNIVERSITY OF TENNESSEE RESEARCH FOUNDA- TION
2021388344	KYUNG DONG NAVIEN CO., LTD.	2021393690	ROLLS-ROYCE SMR LIMITED
2021388758	WELLTEC A/S	2021393729	UCB BIOPHARMA SRL
2021388987	MOBIDIAG OY	2021393893	GCS GERMAN CAPSULE SOLUTION GMBH
2021389010	ENTOCYCLE LTD.	2021394042	BOSTIK SA
2021389155	MARTINIC, C.	2021394064	ZAMBON S.P.A.
2021389156	PLANET PROTECTOR PACKAGING PTY LIMITED	2021394122	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY
2021389157	CALBAH INDUSTRIES PTY LTD	2021394133	XEROSGUARD INC.
2021389160	ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY	2021394410	RISEN (SUZHOU) PHARMA TECH CO., LTD.
2021389670	CRC CARE PTY LTD	2021394411	WIGEN BIOMEDICINE TECHNOLOGY (SHANGHAI) CO., LTD.
2021389673	TECHNOLOGICAL RESOURCES PTY. LIMITED	2021394459	EYE CO PTY LTD
2021389685	RISEN (SUZHOU) PHARMA TECH CO., LTD.	2021394753	WATTS REGULATOR CO.
2021390156	BOMBARDIER TRANSPORTATION GMBH	2021394760	REPAIR BIOTECHNOLOGIES, INC.
2021390170	DTE EHF.	2021394867	STEMLINE THERAPEUTICS, INC.
2021390203	ENI S.P.A.	2021394904	BEIJING GUANGHE HYDROGEN ENERGY TECHNO- LOGY CO., LTD.
2021390315	ENEOS CORPORATION	2021394999	QUANTUM-SI INCORPORATED
2021390464	ENPHASE ENERGY, INC.	2021395028	SHANGHAI MICROPORT CARDIOFLOW MEDTECH CO., LTD.
2021390545	SHATTUCK LABS, INC.	2021395052	GNT PHARMA CO., LTD.
2021390694	S-FORM PHARMA	2021395060	THE CHINESE UNIVERSITY OF HONG KONG; GRAIL, LLC
2021390699	ODDLYGOOD GLOBAL OY	2021395129	SHANGHAI HUAOTA BIOPHARMACEUTICAL CO., LTD.; HUABO BIOPHARM (SHANGHAI) CO., LTD.
		2021395158	RAYTHEON COMPANY
		2021395248	GENENTECH, INC.; F. HOFFMANN-LA ROCHE AG
		2021395310	CREAVAL INC.

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

2021395314	AGRICULTURE VICTORIA SERVICES PTY LTD; HORTICULTURE INNOVATION AUSTRALIA LIMITED	2021398477	UCL BUSINESS LTD; THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES
2021395388	CANCER RESEARCH TECHNOLOGY LIMITED	2021398494	CJ CHEILJEDANG CORPORATION
2021395470	UNIVERSITY OF LEEDS	2021398499	CJ CHEILJEDANG CORPORATION
2021395633	TSUBOTA LABORATORY, INC.	2021398521	SANQUIN IP B.V.
2021395695	SOUTHERN GREEN GAS LIMITED	2021398541	CENTRE HOSPITALIER UNIVERSITAIRE DE LILLE
2021395708	ALLARTA LIFE SCIENCE INC.	2021398546	BÜHLER AG
2021395737	SUMITOMO SHI FW ENERGIA OY	2021398550	CHRYSO
2021395798	GNT PHARMA CO., LTD.	2021398569	SCRIPPS RESEARCH INSTITUTE, THE; VOVA IDA THERAPEUTICS, INC.
2021395980	DR. CHERRY INC.	2021398586	MONASH UNIVERSITY
2021396087	DOW SILICONES CORPORATION	2021398595	FPS FOOD PROCESS SOLUTIONS CORP.
2021396150	SPACECRAFT SEVEN, LLC	2021398871	BEIJING IMMUNOCHINA PHARMACEUTICALS CO., LTD.; SHANDONG JINSAI CO., LTD.
2021396163	MVRX, INC.	2021398976	MERUS N.V.
2021396172	JANUX THERAPEUTICS, INC.	2021398989	BASF SE
2021396239	ALPHATEC SPINE, INC.	2021399075	ENAPTER S.R.L.
2021396245	ELC MANAGEMENT LLC	2021399108	SIEMENS MOBILITY AUSTRIA GMBH
2021396247	ASHER BIOTHERAPEUTICS, INC.	2021399133	UNIVERSITETET I OSLO
2021396315	SHOCKWAVE MEDICAL, INC.	2021399150	SUBSEA 7 NORWAY AS
2021396326	ASPEN AEROGELS, INC.	2021399168	EURENCO
2021396379	GENENTECH, INC.	2021399169	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2021396381	THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL	2021399186	FLYING WHALES
2021396392	APELLIS PHARMACEUTICALS, INC.	2021399197	DYSON TECHNOLOGY LIMITED
2021396459	MSI DFAT LLC	2021399199	INVIBIO KNEES LIMITED
2021396463	TETHERS UNLIMITED, INC.	2021399216	IMPERIAL COLLEGE INNOVATIONS LIMITED; VAXEQUITY LTD
2021396491	ICU MEDICAL, INC.	2021399231	PRECISION PLANTING LLC
2021396507	JANUX THERAPEUTICS, INC.	2021399438	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHUANG) CO., LTD
2021396518	GENENTECH, INC.	2021399512	TOYO SEIKAN CO., LTD.
2021396543	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	2021399517	THE CHINESE UNIVERSITY OF HONG KONG
2021396552	NORDIC BIOSCIENCE A/S	2021399841	F. HOFFMANN-LA ROCHE AG
2021396669	HELSINGIN YLIOPISTO	2021399880	NEWSOUTH INNOVATIONS PTY LIMITED
2021396680	TSUBOTA LABORATORY, INC.	2021399882	CHILDREN'S MEDICAL RESEARCH INSTITUTE; THE SYDNEY CHILDREN'S HOSPITALS NETWORK (RANDWICK AND WESTMEAD) (INCORPORATING THE ROYAL ALEXANDRA HOSPITAL FOR CHILDREN)
2021396725	UNIVERSITY OF SOUTHAMPTON	2021399906	UNABIZ
2021396738	MANUKA THERAPEUTICS LTD.	2021399929	UNIVERSITAT POMPEU FABRA
2021396812	GRACE, A.	2021399954	NORDEX ENERGY SPAIN, S.A.U.
2021397214	GENENTECH, INC.	2021399966	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; UNIVERSITÉ PARIS CITÉ; YSLAB
2021397235	MVRX, INC.	2021400017	DYSON TECHNOLOGY LIMITED
2021397238	ENUMERA MOLECULAR, INC.	2021400018	DYSON TECHNOLOGY LIMITED
2021397241	SENSORY MEDICAL INC.	2021400025	BAE SYSTEMS PLC
2021397252	CAAMTECH, INC.	2021400059	AMPHISTA THERAPEUTICS LIMITED
2021397258	HOVER, INC.	2021400069	INSTIL BIO (UK) LIMITED
2021397271	ASHER BIOTHERAPEUTICS, INC.	2021400073	STRYKER EUROPEAN OPERATIONS LIMITED
2021397278	TEVOGEN BIO INC.	2021400078	PRECISION PLANTING LLC
2021397292	SUPERCRITICAL STORAGE COMPANY, INC.	2021400179	HUAWEI TECHNOLOGIES CO., LTD.
2021397294	VERTEX PHARMACEUTICALS INCORPORATED	2021400215	NEW FRONTIER LABS, LLC
2021397322	INVENRA INC.	2021400282	LIGHT FIELD LAB, INC.
2021397357	STALICLA SA	2021400315	EYEPOINT PHARMACEUTICALS, INC.
2021397439	NOVARTIS AG	2021400316	COLGATE-PALMOLIVE COMPANY
2021397634	ROLLING OPTICS INNOVATION AB	2021400317	DENALI THERAPEUTICS INC.
2021397659	FIDELITY INFORMATION SERVICES, LLC	2021400319	PREFORMED LINE PRODUCTS CO.
2021397734	JANUX THERAPEUTICS, INC.	2021400323	FIRST QUALITY TISSUE, LLC
2021397796	BOLT BIOTHERAPEUTICS, INC.	2021400325	PAYPAL, INC.
2021397808	SERVATUS LTD	2021400407	CATERPILLAR INC.
2021397840	DRYLYTE, S.L.	2021400408	CATERPILLAR INC.
2021397841	SOLTEC INNOVATIONS S.L.	2021400413	OKTA, INC.
2021397863	BAE SYSTEMS PLC	2021400415	CHEVRON AUSTRALIA PTY LTD; CHEVRON U.S.A. INC.
2021397869	FILTRONA DEVELOPMENT CO. PTE. LTD.; ESSENTRA FILTER PRODUCTS LIMITED	2021400424	BIONTECH US INC.
2021397877	IP2IPO INNOVATIONS LIMITED	2021400481	POSCO CO., LTD
2021397949	CROSSING S.R.L.	2021400482	POSCO CO., LTD
2021397960	PINEHURST ASSOCIATES LIMITED	2021400518	GATEWAY GENOMICS, LLC
2021398031	BEIJING GUANGHE HYDROGEN ENERGY TECHNOLOGY CO., LTD.	2021400519	QUANTUM-SI INCORPORATED
2021398202	HUAWEI TECHNOLOGIES CO., LTD.		
2021398258	SCHOOL JURIDICAL PERSON HIGASHI-NIPPON-GAKUEN; THE UNIVERSITY OF TOKYO; NIPPON CHEMIPHAR CO., LTD.		
2021398261	SAISEI PHARMA CO., LTD.		
2021398268	FUKUOKA UNIVERSITY; DAIICHI SANKYO COMPANY, LIMITED		
2021398387	XOLUTION GMBH		

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

2021400582	OMEGA THERAPEUTICS, INC.	2021402178	HYDROHAMMER LIMITED
2021400599	NAD GRID CORP.	2021402179	HEPTARES THERAPEUTICS LIMITED
2021400651	CATERPILLAR INC.	2021402183	TAKEDA PHARMACEUTICAL COMPANY LIMITED
2021400669	CATERPILLAR INC.	2021402198	LINXENS HOLDING
2021400721	MERUS N.V.	2021402242	AGCO CORPORATION
2021400722	TECHNISCHE UNIVERSITEIT DELFT	2021402245	PRECISION PLANTING LLC
2021400746	MOBIUS THERAPEUTICS, LLC	2021402415	AURIGENE ONCOLOGY LIMITED
2021400761	CULLINAN AMBER CORP.	2021402423	BP P.L.C.
2021400778	POSCO CO., LTD	2021402470	POSCO CO., LTD
2021400779	POSCO CO., LTD	2021402556	TOPSOE A/S
2021400811	DOW GLOBAL TECHNOLOGIES LLC	2021402675	HEINEKEN SUPPLY CHAIN B.V.
2021400813	SOLUGEN, INC.	2021402827	PRESIDENT AND FELLOWS OF HARVARD COLLEGE
2021400817	SMARTPAK EQUINE LLC	2021402846	FRESENIUS MEDICAL CARE HOLDINGS, INC.
2021400825	BIOFIRE DIAGNOSTICS, LLC; BIOMERIEUX, INC.	2021402858	CATERPILLAR INC.
2021400844	ADVANCED LIGHT DEVICES, LLC	2021402911	BIOHERYX, INC.
2021400929	NIVERPLAST HOLDING B.V.	2021402925	CATERPILLAR INC.
2021400935	APERCURE SURGICAL LIMITED	2021402965	POSCO CO., LTD
2021400942	AMGEN INC.	2021402966	POSCO CO., LTD
2021400950	CARIS MPI, INC.	2021403000	INSURANCE SERVICES OFFICE, INC.
2021400951	WESTROCK PACKAGING SYSTEMS, LLC	2021403021	MARS, INCORPORATED
2021400953	QUANTUM-SI INCORPORATED	2021403115	VANDERBILT UNIVERSITY
2021400955	PFIZER IRELAND PHARMACEUTICALS	2021403126	GREENFOX MARINE AS
2021401020	ARJO IP HOLDING AKTIEBOLAG	2021403180	HONEYWELL INTERNATIONAL INC.
2021401049	HUMANE GENOMICS INC.	2021403221	CATERPILLAR INC.
2021401085	DYNAVAX TECHNOLOGIES CORPORATION	2021403223	CATERPILLAR GLOBAL MINING EQUIPMENT LLC
2021401184	KYOCERA CORPORATION	2021403263	SHENZHEN MAJORY BIOTECHNOLOGY., LTD.
2021401211	SAAB AB	2021403339	CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA
2021401302	IOVANCE BIOTHERAPEUTICS, INC.	2021403357	VESTAS WIND SYSTEMS A/S
2021401310	GENESYS CLOUD SERVICES, INC.	2021403442	NUOVO PIGNONE TECNOLOGIE - S.R.L.
2021401315	PREFORMED LINE PRODUCTS CO.	2021403497	TECHNISCHE UNIVERSITÄT BERGAKADEMIE FREIBERG
2021401316	KINIKSA PHARMACEUTICALS, LTD.	2021403531	VETCO GRAY SCANDINAVIA AS
2021401318	PREFORMED LINE PRODUCTS CO.	2021403579	SANIFIT THERAPEUTICS, S.A.
2021401343	CATERPILLAR INC.	2021403660	UNIVERSITAT POMPEU FABRA
2021401413	HUBBELL INCORPORATED	2021403682	ZÜRN HARVESTING GMBH & CO. KG; PETKUS TECHNOLOGIE GMBH
2021401429	THE SCRIPPS RESEARCH INSTITUTE; VOVA IDA THERAPEUTICS, INC.	2021403689	THALES
2021401461	FLOWSERVE MANAGEMENT COMPANY	2021403735	SURCOS IMPACT
2021401505	POSCO CO., LTD	2021403744	PRECISION PLANTING LLC
2021401506	POSCO CO., LTD	2021403745	PRECISION PLANTING LLC
2021401515	HANWHA SOLUTIONS CORPORATION	2021403832	NOVMETAPHARMA CO., LTD.
2021401538	GENESIS SYSTEMS LLC	2021403893	TECHNOLOGICAL RESOURCES PTY. LIMITED
2021401546	BAKER HUGHES OILFIELD OPERATIONS LLC	2021403895	TOPELIA AUST LIMITED (ACN 652 771 670)
2021401552	CATERPILLAR INC.	2021403909	COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN
2021401553	CATERPILLAR INC.	2021404062	SIMEX ENGINEERING S.R.L.
2021401560	CHEVRON U.S.A. INC.; CHEVRON AUSTRALIA PTY LTD	2021404116	DYSON TECHNOLOGY LIMITED
2021401570	BASF CORPORATION	2021404147	EXSTENT LIMITED
2021401712	MERUS N.V.	2021404202	ASP GLOBAL MANUFACTURING GMBH
2021401727	MARS, INCORPORATED	2021404204	INSTIL BIO (UK) LIMITED
2021401770	RESELO AB	2021404355	DE' LONGHI APPLIANCES S.R.L. CON UNICO SOCIO
2021401791	QUANTUM-SI INCORPORATED	2021404365	LOHMANN & RAUSCHER GMBH
2021401813	PRESIDENT AND FELLOWS OF HARVARD COLLEGE; DANA-FARBER CANCER INSTITUTE, INC.; SHI, J.; SMITH, Z.D.; MEISSNER, A.; MICHOR, F.	2021404477	INVENTIO AG
2021401815	KINDRED BIOSCIENCES, INC.	2021404499	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2021401818	STRYKER EUROPEAN OPERATIONS LIMITED	2021404744	ISTITUTO FINLAY DE VACUNAS; CENTRO DE INMUNOLOGIA MOLECULAR
2021401834	BOEHRINGER INGELHEIM ANIMAL HEALTH USA INC.; BORAH, INC.	2021404866	BECTON DICKINSON FRANCE
2021401882	CATERPILLAR INC.	2021404875	TITUS D.O.O. DEKANI
2021401883	CATERPILLAR INC.	2021404910	LIMENET S.R.L. SOCIETA' BENEFIT
2021401908	CONOCOPHILLIPS COMPANY	2021404926	PFIZER INC.
2021401911	CATERPILLAR INC.	2021404929	PFIZER INC.
2021401921	UNITED THERAPEUTICS CORPORATION	2021404944	PFIZER INC.
2021401930	S. C. JOHNSON & SON, INC.	2021404946	PFIZER INC.
2021401955	GCP APPLIED TECHNOLOGIES, INC.	2021404974	PFIZER INC.
2021401984	JUNO THERAPEUTICS, INC.	2021404993	TETRA LAVAL HOLDINGS & FINANCE S.A.
2021401997	LENDLEASE DIGITAL IP PTY LIMITED	2021405013	NORDIC BIOSCIENCE A/S
2021402001	XEFCO PTY LTD	2021405039	BASF SE
2021402007	DEFENCE THERAPEUTICS INC.	2021405054	TEN CATE THIOLON B.V.
2021402019	VETCO GRAY SCANDINAVIA AS	2021405061	RED BULL GMBH
2021402026	VOITH PATENT GMBH	2021405062	GADETA B.V.
2021402078	THALES		

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2021405102	ILASIS LASER	2021408141	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2021405106	ROPCA APS	2021408159	PULSEMEDICA CORP.
2021405127	ADVANCED ACCELERATOR APPLICATIONS INTERNATIONAL SA; ADVANCED ACCELERATOR APPLICATIONS (ITALY) SRL; NOVARTIS AG	2021408239	SHENYANG HAIER REFRIGERATOR CO., LTD; QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021405132	TOKAMAK ENERGY LTD	2021408345	INVENTIO AG
2021405147	SNF GROUP	2021408365	BASF SE
2021405157	FUTURE HEALTH WORKS LTD.	2021408685	BEIJING MABWORKS BIOTECH CO., LTD
2021405257	TOPSOE A/S	2021409077	KUMIAI CHEMICAL INDUSTRY CO., LTD.
2021405269	AMAI PROTEINS LTD	2021409152	LANDIS+GYR INNOVATIONS, INC.
2021405281	CUREVAC SE; GLAXOSMITHKLINE BIOLOGICALS SA	2021409178	ENEOS CORPORATION
2021405284	SMARTCONE TECHNOLOGIES INC.	2021409207	BASF CORPORATION
2021405286	BP P.L.C.	2021409248	HILL'S PET NUTRITION, INC.
2021405287	BP P.L.C.	2021409375	CHEN, C.
2021405296	FONTERRA CO-OPERATIVE GROUP LIMITED; AGRESEARCH LIMITED; ATTWOOD, G.T.; CROUZET, L.; BASSETT, S.A.; DEKKER, J.W.; HILL, J.P.; YOUNG, W.	2021409391	COLGATE-PALMOLIVE COMPANY
2021405297	FONTERRA CO-OPERATIVE GROUP LIMITED; AGRESEARCH LIMITED; ATTWOOD, G.T.; CROUZET, L.; BASSETT, S.A.; DEKKER, J.W.; HILL, J.P.	2021409400	WONDERLAND SWITZERLAND AG
2021405399	POLBIONICA SP. Z O.O.	2021409443	MOTOROLA SOLUTIONS, INC.
2021405409	PFIZER INC.; EFFECTOR THERAPEUTICS, INC.	2021409467	SCHLUMBERGER TECHNOLOGY B.V.
2021405412	APALOO GMBH	2021409515	HANMI PHARMACEUTICAL CO., LTD.
2021405413	UROVANT SCIENCES GMBH	2021409533	VST LLC DBA MEDGENE LABS
2021405417	TOLMAR INTERNATIONAL LIMITED	2021409538	701X INC.
2021405544	ORTHOSENSOR, INC.	2021409544	BIOGEN MA INC.
2021405605	THALES	2021409546	BIOGEN MA INC.
2021405606	THALES	2021409561	NIKANG THERAPEUTICS, INC.
2021405613	PAUL HARTMANN AG	2021409567	PAYPAL, INC.
2021405615	INVENTIO AG	2021409610	HANMI PHARM. CO., LTD.
2021405708	PHARMOTECH SA	2021409628	HILL'S PET NUTRITION, INC.
2021405728	NICOVENTURES TRADING LIMITED	2021409634	MONSANTO TECHNOLOGY LLC
2021405730	CANTARGIA AB	2021409652	COLGATE-PALMOLIVE COMPANY
2021405734	TECHNISCHE UNIVERSITÄT MÜNCHEN	2021409653	IMMUNITYBIO, INC.
2021405735	SNF GROUP	2021409656	CORCEPT THERAPEUTICS INCORPORATED
2021405739	RED BULL GMBH	2021409661	WONDERLAND SWITZERLAND AG
2021405761	BASF SE	2021409684	LG CHEM, LTD.
2021405762	BASF SE	2021409724	TOPSOE A/S
2021405763	BASF SE	2021409740	FLAGSHIP PIONEERING, INC.
2021405780	ZEVRA DENMARK A/S	2021409785	AMGEN INC.; AMGEN RESEARCH (MUNICH) GMBH
2021405784	NV BEKAERT SA; CCL STRESSING INTERNATIONAL LTD	2021409793	COLGATE-PALMOLIVE COMPANY
2021405790	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	2021409816	QILU REGOR THERAPEUTICS INC.
2021405816	MAAT PHARMA; UNIVERSITE CLERMONT AUVERGNE; INSTITUT NATIONAL DE RECHERCHE POUR L'AGRICULTURE, L'ALIMENTATION ET L'ENVIRONNEMENT	2021409908	VANDERBILT UNIVERSITY
2021405835	TOPSOE A/S	2021409914	GENESYS TELECOMMUNICATIONS LABORATORIES, INC.
2021405856	HYDROGEN MEM-TECH AS	2021409944	BARD ACCESS SYSTEMS, INC.
2021405954	TOTALENERGIES ONETECH	2021409952	FLAGSHIP PIONEERING INNOVATIONS V, INC.
2021405960	SOLVIONIC	2021409968	UOP LLC
2021405966	WESSEX INTERNATIONAL MACHINERY	2021409989	BALTIMORE AIRCOIL COMPANY, INC.
2021406040	MOOTRAL INNOVATIONS LIMITED	2021410000	VERMEER MANUFACTURING COMPANY
2021406047	JEMELLA LIMITED	2021410027	BETH ISRAEL DEACONESS MEDICAL CENTER, INC.
2021406048	TLA SUBSEA LTD	2021410073	BASF AGRICULTURAL SOLUTIONS SEED US LLC
2021406057	ANGLO AMERICAN WOODSMITH LIMITED	2021410085	UOP LLC
2021406058	NICOVENTURES TRADING LIMITED	2021410086	SPARK THERAPEUTIC, INC.
2021406069	TOPSOE A/S	2021410102	IDEMITSU KOSAN CO.,LTD.
2021406120	ACERGY FRANCE SAS	2021410309	POSCO CO., LTD
2021406253	MACO PHARMA	2021410353	SUNTORY HOLDINGS LIMITED
2021406262	SODAPOP GMBH	2021410628	NETFLIX, INC.
2021406354	CENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA	2021410650	BETA BIONICS, INC.
2021406399	TOPSOE A/S	2021410652	HILL'S PET NUTRITION, INC.
2021406544	DYSON TECHNOLOGY LIMITED	2021410668	CHEMOCENTRYX, INC.
2021406732	ZMAG, LTD.	2021410689	AMGEN INC.
2021407320	ALCON INC.	2021410712	CORNELL UNIVERSITY
2021407427	ZMAG, LTD.	2021410756	CORCEPT THERAPEUTICS INCORPORATED
2021407466	NORTHWEST INSTRUMENT INC.	2021410771	VASONICS, INC.
2021408119	BOOMRAY PHARMACEUTICALS CO., LTD.	2021411333	N2 PACKAGING SYSTEMS, LLC
		2021411402	KEYFACTOR, INC.
		2021411427	BENJAMIN MOORE & CO.
		2021411498	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
		2021411539	MICROPORT NEUROTECH (SHANGHAI) CO., LTD.
		2021411581	NOVAROCK BIOTHERAPEUTICS, LTD.
		2021411587	TYRA BIOSCIENCES, INC.
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2021411733	BISY GMBH	2021416689	SWISSINNO SOLUTIONS AG
2021411757	BIORETEC OY	2021416710	AMADEUS S.A.S.
2021411934	ALPHATEC SPINE, INC.	2021416997	TRUMA GERÄTETECHNIK GMBH & CO. KG
2021411938	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2021417065	MITSUBISHI ELECTRIC CORPORATION
2021411939	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2021417404	SAINT-GOBAIN GLASS FRANCE
2021411943	VERTEX PHARMACEUTICALS INCORPORATED	2021417412	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021411950	CONVATEC TECHNOLOGIES INC.	2021417846	TRUMA GERÄTETECHNIK GMBH & CO. KG
2021411957	ACCURE ACNE, INC.	2021417882	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021411967	LATHAM POOL PRODUCTS, INC.	2021417883	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021411981	CAGENT VASCULAR, INC.	2021418030	NEC CORPORATION
2021412003	VIRSEC SYSTEMS, INC.	2021418920	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA
2021412417	STICK TECH OY	2021419992	NEC PLATFORMS, LTD.
2021412498	LUMENIS BE LTD	2021420753	LIQUIDSTACK HOLDING B.V.
2021412527	HANWHA SOLUTIONS CORPORATION	2021420784	ELECTROLUX APPLIANCES AKTIEBOLAG
2021412656	KUBOTA CORPORATION	2021421574	RAYTHEON COMPANY
2021412682	SUNTORY HOLDINGS LIMITED	2021421950	KURITA WATER INDUSTRIES LTD.
2021412697	EPIROC ROCK DRILLS AKTIEBOLAG	2021421986	LAITRAM, L.L.C.
2021412721	IMAGOWORKS INC.	2021425997	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI
2021412833	ARCTURUS THERAPEUTICS, INC.	2021427069	JGC CORPORATION
2021412846	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2021428306	MITSUBISHI ELECTRIC CORPORATION
2021412879	SHARKNINJA OPERATING LLC	2021430612	MITSUBISHI ELECTRIC CORPORATION
2021412979	MONSANTO TECHNOLOGY LLC	2021431976	FOSHAN IDEAL CO., LTD.
2021413093	BWXT ISOTOPE TECHNOLOGY GROUP, INC.	2021436126	SATO HOLDINGS KABUSHIKI KAISHA
2021413112	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2021442079	ANGEL NUTRITECH CO., LTD.
2021413226	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2021443191	TAIYUAN UNIVERSITY OF TECHNOLOGY
2021413229	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA	2021446162	SINO IRON HOLDINGS PTY LTD
2021413240	CYTEC INDUSTRIES INC.	2022204517	YALACKI, D.L.
2021413245	GEORGIA TECH RESEARCH CORPORATION; EMORY UNIVERSITY; CHILDREN'S HEALTHCARE OF ATLANTA, INC.	2022204777	SIMPLEX DESIGNS, LLC
2021413356	W. L. GORE & ASSOCIATES, INC.	2022205037	ADVANCED SURGICAL RETRACTOR SYSTEMS, INC.
2021413748	LIVEPERSON, INC.	2022205061	BIOXCEL THERAPEUTICS, INC.
2021413988	CASCADE CORPORATION	2022205343	LG CHEM, LTD.
2021414006	DEERE & COMPANY	2022205428	SIMPSON STRONG-TIE COMPANY INC.
2021414141	VIRSEC SYSTEMS, INC.	2022205591	ANIMA BIOTECH INC.
2021414143	VIRSEC SYSTEMS, INC.	2022205600	BAXTER INTERNATIONAL INC.; BAXTER HEALTH-CARE SA
2021414145	VIRSEC SYSTEMS, INC.	2022205634	BARD PERIPHERAL VASCULAR, INC.
2021414197	CONVATEC TECHNOLOGIES, INC.	2022205658	SPAN.IO, INC.
2021414199	CONVATEC TECHNOLOGIES INC.	2022205679	STRAND THERAPEUTICS INC.
2021414200	ACCURE ACNE, INC.	2022205682	MILLER SCIENTIFIC INC.
2021414215	REGENERON PHARMACEUTICALS, INC.	2022205683	PRECIGEN, INC.
2021414227	DYNE THERAPEUTICS, INC.	2022205702	AURA NETWORK SYSTEMS, INC.
2021414396	RUSSO, A.	2022205759	INTERNATIONAL BUSINESS MACHINES CORPORATION
2021414419	CIRCULR RESEARCH PTY LTD	2022205812	RIVULIS PLASTRO LTD.
2021414499	VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT	2022205962	PROTARYX MEDICAL INC.
2021414649	NIPPON FIBER CORPORATION	2022205969	AMGEN INC.
2021414679	HANYI BIOTECHNOLOGY (BEIJING) CO., LTD	2022206061	F. HOFFMANN-LA ROCHE AG
2021414757	KUBOTA CORPORATION	2022206119	O.Y.M. INNOVATION LTD.; BAR ILAN UNIVERSITY
2021415127	OCADO INNOVATION LIMITED	2022206295	HIGHWAY EQUIPMENT COMPANY
2021415180	I-MAB BIOPHARMA CO., LTD.	2022206298	RESEARCH TRIANGLE INSTITUTE
2021415906	UNIVERSITY OF WASHINGTON; FRED HUTCHINSON CANCER RESEARCH CENTER	2022206545	FREEZIO AG
2021415963	PALATOV GROUP LLC	2022206680	TRAFFIX DEVICES, INC.; NUTECH VENTURES
2021416064	SHARKNINJA OPERATING LLC	2022206839	LENOVO (SINGAPORE) PTE. LTD.
2021416088	PAYPAL, INC.	2022207164	BEGHIN MEIJI; TEREOS STARCH & SWEETENERS EUROPE
2021416089	GENESYS TELECOMMUNICATIONS LABORATORIES, INC.	2022207369	MAXUN SOLAR INC.
2021416092	CRYSTAL LAGOONS TECHNOLOGIES, INC.	2022207425	DIGNIFY THERAPEUTICS, LLC
2021416182	REPAIR BIOTECHNOLOGIES, INC.	2022207557	SHANGHAI HUAOTA BIOPHARMACEUTICAL CO., LTD.; HUABO BIOPHARM (SHANGHAI) CO., LTD.
2021416188	ORLUCENT, INC.	2022207686	OSSTEC LIMITED
2021416293	TURUN YLIOPISTO	2022207712	CRI HF
2021416444	ALLINK CO., LTD.	2022207836	SAMSUNG ELECTRONICS CO., LTD.
2021416497	JTURBO ENGINEERING & TECHNOLOGY, LLC	2022207939	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
		2022207941	THE GLAD PRODUCTS COMPANY

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2022207985	VISTERRA, INC.	2022223631	SOCIETE DES PRODUITS NESTLE S.A.
2022208062	BARANOWITZ, S.	2022223921	KOMATSU LTD.
2022208128	NANJING DELOVA BIOTECH CO. LTD.	2022224395	SOCIETE DES PRODUITS NESTLE S.A.
2022208190	ENYO PHARMA; INSERM (INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE)	2022226866	SIMPLE TOOLS AS
2022208241	REDX PHARMA PLC	2022226894	SIEMENS INDUSTRY, INC.
2022208323	TOPSOE A/S	2022232924	ATOSSA THERAPEUTICS, INC.
2022208381	APPLIED MEDICAL RESOURCES CORPORATION	2022235806	HANGZHOU HIKVISION DIGITAL TECHNOLOGY CO., LTD.
2022208421	TOPSOE A/S	2022241370	TRANSPORT FOR NSW
2022208423	TOPSOE A/S	2022250812	SAMSUNG ELECTRONICS CO., LTD.
2022209089	PHOST'IN THERAPEUTICS; RD NEPHROLOGIE	2022253353	BAMBINO PREZIOSO SWITZERLAND AG
2022209123	GALVENTA AG	2022264070	MARTIN, R.
2022209136	TISSIUM SA	2022267563	HUAWEI TECHNOLOGIES CO., LTD.
2022209176	TRUE MANUFACTURING CO., INC.	2022282801	PRESSURE PULSE SYSTEMS PTY LTD
2022209191	THE SCRIPPS RESEARCH INSTITUTE	2022291922	AIHOL CORPORATION
2022210069	S.C.R. (ENGINEERS) LIMITED	2022292376	HANNA, T.
2022210305	JP LABORATORIES, INC.	2022302837	GI BIOME INC.
2022210423	NAUTILUS SUBSIDIARY, INC.	2022325217	CISCO TECHNOLOGY, INC.
2022210513	ALCON INC.	2022333724	FIXON INC.
2022210993	THE COCA-COLA COMPANY	2022335338	LONGYEAR TM, INC.
2022211132	SARTORIUS STEDIM BIOTECH GMBH; REPAIRON GMBH	2022337863	LG ENERGY SOLUTION, LTD.
2022211171	ALCON INC.	2022341082	SIGNATURE ORTHOPAEDICS EUROPE LTD
2022211362	CONMED CORPORATION	2022374190	FUSHUN CHINA COAL SCIENCE AND ENGINEERING TESTING CENTER CO., LTD; CHINA COAL SCIENCE AND ENGINEERING GROUP SHENYANG RESEARCH INSTITUTE CO., LTD
2022211416	DUPONT NUTRITION BIOSCIENCES APS; NUTRITION & BIOSCIENCES USA 1, LLC; DUPONT NUTRITION USA, INC.	2022377418	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
2022211581	ORANO MED	2022379903	SHANGHAI ERSHIYE CONSTRUCTION CO., LTD; CHINA MCC20 GROUP CORP. LTD
2022211664	ALCON INC.	2022379905	AGASHE, M.
2022211671	COMAU S.P.A.	2022381656	ZHUHAI UNITECH POWER TECHNOLOGY CO., LTD.
2022212090	ALLOGENE THERAPEUTICS, INC.	2022403593	ZHUHAI UNITECH POWER TECHNOLOGY CO., LTD.
2022212130	ALLOGENE THERAPEUTICS, INC.		
2022212438	SUNTORY HOLDINGS LIMITED		
2022212474	SOCIETE DES PRODUITS NESTLE S.A.		
2022212601	SANIFIT THERAPEUTICS, S.A.		
2022212995	BASE PROTECTION S.R.L.		
2022213035	CHAIRMAN, DEFENCE RESEARCH AND DEVELOPMENT ORGANISATION (DRDO)		
2022213302	MERZ NORTH AMERICA		
2022213434	VALENT BIOSCIENCES LLC		
2022213597	SUNTORY HOLDINGS LIMITED		
2022213780	TOPSOE A/S		
2022213800	DOTLUMEN SRL		
2022214135	SOCIETE DES PRODUITS NESTLE S.A.		
2022214311	DONALDSON COMPANY, INC.		
2022214462	VALENT BIOSCIENCES LLC		
2022214612	SKELETAL DYNAMICS, INC.		
2022214904	VIFOR (INTERNATIONAL) AG		
2022215001	PLASTECH RECYCLING LIMITED		
2022215042	TOPSOE A/S		
2022215571	E INK CORPORATION		
2022216350	HYDRO-QUÉBEC		
2022217514	RAFAEL ADVANCED DEFENSE SYSTEMS LTD.		
2022217596	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION		
2022217785	E INK CORPORATION		
2022218151	DONALDSON COMPANY, INC.		
2022218158	FRITO-LAY NORTH AMERICA, INC.		
2022218457	APR Co., Ltd.		
2022219112	SOCIETE DES PRODUITS NESTLE S.A.		
2022219200	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022219294	TECHNISCHE UNIVERSITÄT MÜNCHEN		
2022219714	HUSQVARNA AB		
2022219868	HUSQVARNA AB		
2022220159	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022220640	WEW GMBH		
2022221204	KINGSWAY ENTERPRISES (UK) LIMITED		
2022221227	CELLCOMB AB		
2022221974	SOCIETE DES PRODUITS NESTLE S.A.		
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2021392674	2021404147	2021396163	2021383834	2022205061	2021384629
<u>A47J 27 /-</u>	2021410027	2021397235	2021383922	2022205591	2021389160
2021404355	<u>A61B 5 /-</u>	2021399199	2021384063	2022205969	2021390545
<u>A47J 31 /-</u>	2020480981	2021404147	2021385285	2022207425	2021391637
2022206545	2021349425	2021411950	2021385533	2022208128	2021391969
2022212474	2021386130	2021414396	2021386339	2022208190	2021393526
<u>A47J 36 /-</u>	2021386376	2022204777	2021387517	2022208241	2021394867
2021416064	2021394459	2022207686	2021387535	2022209089	2021396392
<u>A47J 37 /-</u>	2021396725	2022214612	2021387981	2022209123	2021396507
2021416064	2021401727	20222341082	2021389160	2022209191	2021396518
<u>A47K 10 /-</u>	2021405544	<u>A61F 5 /-</u>	2021389685	2022212601	2021397271
2021400323	2021410650	2021414199	2021390694	2022214135	2021397734
<u>A47K 5 /-</u>	2021416188	<u>A61F 9 /-</u>	2021391153	2022214904	2021398261
2021414419	2022210993	2021412498	2021391581	2022232924	2021399517
<u>A61B 1 /-</u>	<u>A61B 50 /-</u>	2022211664	2021391949	2022291922	2021400424
2021404202	2021386369	2022213800	2021392090	<u>A61K 33 /-</u>	2021400761
2022205037	2021393208	<u>A61G 7 /-</u>	2021392094	2021393513	2021400955
<u>A61B 10 /-</u>	<u>A61B 6 /-</u>	2021397241	2021392472	2021403832	2021401302
2021386369	2021401727	<u>A61H 23 /-</u>	2021393513	2021403832	2021402179
2021396812	2021404147	2022218457	2021394411	2021403895	2021403115
2022205634	2021412721	<u>A61H 3 /-</u>	2021394459	<u>A61K 35 /-</u>	2021403339
2022210993	<u>A61B 8 /-</u>	2022213800	2021395388	2020482526	2021403832
<u>A61B 17 /-</u>	2021405106	<u>A61H 7 /-</u>	2021395633	2021377524	2021406354
2020478278	<u>A61B 90 /-</u>	2021404499	2021395980	2021378903	2021409610
2021386462	2021401818	<u>A61H 9 /-</u>	2021396518	2021380725	2021415906
2021393374	2021404202	2021401020	2021396543	2021380825	<u>A61K 39 /-</u>
2021396163	<u>A61C 15 /-</u>	<u>A61J 1 /-</u>	2021396680	2021380825	2021382658
2021396239	2021399197	2021400746	2021397214	2021385343	2021382717
2021396315	2021400017	2021404866	2021397252	2021386358	2021383901
2021400073	2021400018	2021405417	2021397294	2021388167	2021391637
2021401818	2021404116	<u>A61J 3 /-</u>	2021397439	2021392094	2021391803
2021410027	<u>A61C 17 /-</u>	2021405417	2021397808	2021394760	2021391820
2021411934	2020482776	<u>A61J 9 /-</u>	2021398258	2021396150	2021391921
2021414200	2021399197	2022219294	2021398268	2021397278	2021391969
2022205037	2021400017	<u>A61K 101 /-</u>	2021398477	2021397808	2021392094
2022205962	2021400018	2022219294	2021398521	2021400069	2021394411
2022208381	2021404116	<u>A61K 103 /-</u>	2021398569	2021401302	2021395129
2022211362	<u>A61C 5 /-</u>	2022219294	2021399438	2021404204	2021395248
<u>A61B 18 /-</u>	2021399197	<u>A61K 103 /-</u>	2021400059	2021405062	2021396172
2021396812	2021400017	2022219294	2021400215	2021405296	2021396381
2021400844	2021400018	<u>A61K 31 /-</u>	2021400315	2021405297	2021397214
2021411957	2021404116	2021373892	2021400942	2021405816	2021397271
2021414200	<u>A61F 13 /-</u>	2021377524	2021401302	2021406253	2021397322
<u>A61B 3 /-</u>	2020481952	2021377891	2021401429	2021409653	2021397808
2021407320	2021404365	2021379306	2021401834	2021409952	2021398521
2022210513	2021405412	2021379921	2021401921	2021411943	2021398586
		2021380634	2021402179	2021416182	2021398871
		2021381899	2021402415	2022212090	2021398976
		2021382120	2021402911	2022212130	2021399216
		2021382148	2021403579	2022302837	2021399841
		2021382570	2021403895	<u>A61K 36 /-</u>	2021400424
			2021404365	2021383634	2021401049
			2021404974	2021394459	2021401085
			2021405409	2021396738	2021401302
			2021405413	2021405708	2021401712
			2021405708	2021405708	2021401815
			2021405780	2021414679	2021402007
			2021408119	<u>A61K 38 /-</u>	2021403263
			2021409515	2020483085	2021404744
			2021409544	2021316911	2021404946
			2021409546	2021373892	2021405281
			2021409561	2021377336	2021405734
			2021409684	2021382120	2021408685
			2021409816	2021382570	2021409533
			2021409908	2021383563	2021410689
			2021410668		2021411581
			2021410712		2021415180
			2021410756		

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2021415906	2021405127	2021406253	A61M 37 /-		2021398258
2022205683	2022211581	2021411427		A61P 13 /-	2021400746
2022206061	2022219294		2021413245		2021409544
2022207557		A61L 26 /-		2021403263	2021409546
2022207985	A61K 6 /-		A61M 39 /-	2021405413	
2022212130		2022205600		2022208190	A61P 29 /-
2022222688	2021401184		2020477754		
	2021412417	A61L 27 /-	2021386462	A61P 15 /-	2021379921
A61K 45 /-			2021401020		2021380825
	A61K 8 /-	2020482526	2021405417	2021409684	2021387535
2021382658		2021383751	2021414215		2021391153
2021383901	2021385533	2021401184	2022211362	A61P 17 /-	2021391803
2021390694	2021395980	2021403115			2021397808
2021393513	2021396245	2021411757	A61M 5 /-	2021377891	2021398261
2021395129	2021400316	2022205343		2021381899	2021400215
2021395633	2021405613	2022213302	2021382676	2021383828	2021402911
2021396680	2021409391		2021386462	2021387517	2021405730
2021398521	2021409652	A61L 29 /-	2021393208	2021391803	2021409544
2021399517	2021409793		2021400746	2021393513	2021409546
2021410668	2022206119	2021414197	2021404866	2021395980	2021409610
2022208128	2022207164		2021405417	2021398258	2021409684
	2022211416	A61L 31 /-	2021410650	2021398261	2021414679
A61K 47 /-	2022213302		2021413112	2021398586	2021416682
		2020478278	2021413226	2021402911	2022205061
2021378098	A61K 9 /-	2021411757	2021413229	2021405708	2022208128
2021381899		2021411950	2021413356	2022209089	
2021382120	2021373892	2022209136	2021414215		A61P 3 /-
2021382717	2021378393		2022205343	A61P 19 /-	
2021383613	2021379780	A61L 9 /-			2020482526
2021383901	2021381899		A61M 60 /-	2021377891	2020483085
2021383922	2021382120	2021406253		2021383751	2021380825
2021384063	2021383613	2022207941	2021381515	2021396543	2021383634
2021389160	2021383828		2021383931	2021397808	2021386358
2021391779	2021383922	A61M 1 /-	2021385091	2021402911	2021389160
2021393729	2021384063			2021403263	2021396150
2021394064	2021386358	2021393431	A61N 1 /-	2022212601	2021397877
2021394122	2021389160	2021402846			2021405780
2021394867	2021391803	2021406253	2021380885	A61P 21 /-	2021409684
2021395708	2021391949	2021411498	2021382933		
2021396507	2021392472	2021411938	2021386462	2021380825	A61P 31 /-
2021397271	2021393513	2021411939	2022218457	2021398268	
2021397734	2021393729	2021412846		2022302837	
2021397796	2021394064	A61M 11 /-	A61N 5 /-		2021377524
2021398258	2021394122			A61P 25 /-	2021382120
2021398268	2021394867	2021378393	2021400844		2021383563
2021398541	2021395633		2021412498	2021380825	2021383922
2021402007	2021395708	A61M 13 /-	2021414200	2021382570	2021384063
2021409610	2021396518		2022218457	2021384629	2021389160
2021410712	2021396738	2022211362		2021387535	2021391820
2021414679	2021398258	A61M 19 /-	A61P 1 /-	2021391581	2021391921
2022208128	2021399438			2021392090	2021393513
	2021400582	2021386462	2020483085	2021397439	2021394410
A61K 48 /-	2021401085		2021379921	2021398261	2021397278
	2021403115	A61M 25 /-	2021383634	2021398268	2021398261
2021373892	2021405708		2021383828	2021398477	2021402179
2021385343	2021409684	2021377501	2021405296	2021398569	2021403263
2021388167	2021410712	2021385091	2021405297	2021399517	2021405281
2021392094	2021414679	2021386462	2021409610	2021400059	2021405296
2021392709	2022205061	2021400935	2021410756	2021400215	2021405297
2021394760	2022205969	2021409944	2021414679	2021403263	2021406354
2021396150	2022208128	2021410771		2021405780	2021408685
2021398268	2022208241	2021411539	A61P 11 /-	2021409908	2021409533
2022205683	2022209123	2021411981		2021410756	
2022212130	2022214904	A61M 3 /-	2021373892	2021414679	A61P 35 /-
	2022232924		2021380825	2022205061	
A61K 49 /-		2021400746	2021383613	2022209123	2021377891
	A61L 15 /-		2021387535	2022302837	2021378331
2021416293		A61M 31 /-	2021390694		2021379306
	2021404365		2021397294	A61P 27 /-	2021382120
A61K 51 /-		2021386462	2021398268		2021382148
	A61L 2 /-		2021401834	2021394459	2021382771
2021382717			2021402911	2021395633	2021383177
2021393591	2021404202		2021403832	2021396680	2021383901
			2021405281		2021386339

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2021387517	2021402007		<u>B01J 21 /-</u>	<u>B05C 5 /-</u>	<u>B29C 43 /-</u>
2021387535	2021403263	<u>A63F 13 /-</u>			
2021389685	2021405730		2021381981	2021337801	2020478278
2021391153	2021406253	2021376540	2021385073		2021380826
2021391637	2021408685		2021398031	<u>B05C 9 /-</u>	
2021391779	2021409544	<u>A63F 3 /-</u>			<u>B29C 44 /-</u>
2021391969	2021409546		<u>B01J 23 /-</u>	2021337801	
2021392094	2021410086	2021376540			2021380826
2021392709	2022207985		2020480581	<u>B06B 1 /-</u>	
2021394411		<u>B01D 15 /-</u>	2021394904		<u>B29C 45 /-</u>
2021394867	<u>A61P 43 /-</u>	2021404944	2021398031	2021382380	
2021395129			2021402423	2021395470	2020478278
2021395248	2021387517	<u>B01D 3 /-</u>	2021405286		2022215001
2021395388	2021396680		2021409178	<u>B07B 1 /-</u>	
2021397214	2021398258	2022208323			<u>B29C 48 /-</u>
2021397796	2021398268		<u>B01J 29 /-</u>	2021380982	
2021398261	2021403832	<u>B01D 53 /-</u>		2021404062	2022207941
2021398871	2021405780		2021399133		2022215001
2021398976	2022214904	2021385430		<u>B07B 4 /-</u>	
2021399438	2022302837	2021393372	<u>B01J 3 /-</u>		<u>B29C 53 /-</u>
2021399841		2021395695	2021411427	2021380982	2022205812
2021400059	<u>A61P 5 /-</u>	2021400811			
2021400069		2021401570	<u>B01J 32 /-</u>	<u>B08B 3 /-</u>	<u>B29C 65 /-</u>
2021400721	2021389160	2021404910		2021398546	
2021401302		2021405856	2021398031		2021379567
2021401834	<u>A61P 7 /-</u>	2021408141		<u>B08B 9 /-</u>	2021381786
2021402183		2021409207	<u>B01J 35 /-</u>	2021404993	
2021402415	2021383828	2022208323			<u>B29C 70 /-</u>
2021403263	2021387981	2022208421	2021398031	<u>B09B 3 /-</u>	2020478278
2021403339	2021389160				2021379587
2021404204	2021398521	<u>B01D 57 /-</u>	<u>B01J 8 /-</u>	2021386501	
2021404974		2021384235			<u>B29L 1 /-</u>
2021405013	<u>A61P 9 /-</u>		2021411427	<u>B09C 1 /-</u>	2020478278
2021405062		<u>B01D 63 /-</u>	2022207712		
2021405127	2021380634		2022215042	2021389670	
2021405409	2021380825	2021405856	<u>B01L 3 /-</u>		<u>B29L 31 /-</u>
2021405730	2021383634			<u>B23B 29 /-</u>	
2021408119	2021387535	<u>B01D 65 /-</u>	2021400519	2021403442	2020478278
2021408685	2021387981		2021404929		
2021409515	2021390694	2021421950	2021406253	<u>B24B 23 /-</u>	<u>B30B 11 /-</u>
2021409544	2021398261		2021409785		2020478278
2021409546	2021400059	<u>B01D 67 /-</u>	2021411594	2022204517	
2021409561	2021401921				<u>B30B 7 /-</u>
2021409653	2021403579	2021337801	<u>B01L 7 /-</u>		2020478278
2021409816	2021409652	2021405856		<u>B25J 21 /-</u>	
2021410689	2022214904		2021417882	2021405605	
2021411581	2022302837	<u>B01D 69 /-</u>			<u>B31B 70 /-</u>
2021411587			<u>B01L 9 /-</u>	<u>B29B 11 /-</u>	2021400929
2021414679	<u>A61Q 11 /-</u>	2021405856			
2021415180		<u>B01D 71 /-</u>	2021417882	2020478278	<u>B31F 1 /-</u>
2021416682	2021400316		<u>B02B 3 /-</u>		2021388075
2022205591	2021409391	2021405856		<u>B29B 13 /-</u>	
2022205969	2021409652		2021384235	2022215001	
2022206061	2021409793	<u>B01F 23 /-</u>			<u>B31F 5 /-</u>
2022207557	2022206119		<u>B02C 4 /-</u>	<u>B29B 17 /-</u>	2021388075
2022211581		2021406262			
2022212090	<u>A61Q 17 /-</u>		2022215001	2022215001	2021388075
2022219294		<u>B01J 13 /-</u>			<u>B32B 1 /-</u>
2022226888	2021385533		<u>B03B 9 /-</u>	<u>B29B 7 /-</u>	2022205812
2022291922		2021389670			202221974
	<u>A61Q 19 /-</u>	2021395708	2021380982	2022215001	2022223631
<u>A61P 37 /-</u>		<u>B01J 2 /-</u>	<u>B05B 1 /-</u>	<u>B29C 31 /-</u>	
2021380725	2021396245				<u>B32B 15 /-</u>
2021383828	2021405613	2022213434	2021401930	2021380826	
2021391153	2022207164				2021402198
2021391803		<u>B01J 20 /-</u>	<u>B05C 3 /-</u>	<u>B29C 33 /-</u>	
2021392472	2021395980				<u>B32B 27 /-</u>
2021397808		2021389670	2021337801	2020478278	
2021398261	<u>A61Q 7 /-</u>	2021393431			2021380826
2021398586		2021408141			2022333724
2021399841	2021385533				
	2021395980				

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<u>B32B 29 /-</u>	<u>B60N 2 /-</u>	<u>B62M 6 /-</u>	<u>B65B 69 /-</u>	<u>B65D 83 /-</u>	<u>B66F 9 /-</u>
2021388075	2021409661	2021386512	2021405605	2021405606	2021413988
2022221227	2022253353	<u>B63B 21 /-</u>	<u>B65D 1 /-</u>	<u>B65D 85 /-</u>	<u>B67C 3 /-</u>
2022221974	<u>B60P 1 /-</u>	2021399150	2022221227	2021389156	2021405739
2022223631	2020476838	<u>B63B 25 /-</u>	<u>B65D 21 /-</u>	2021393208	<u>B67D 1 /-</u>
2022224395	<u>B60P 3 /-</u>	2021379479	2021404866	2021393893	<u>B65D 88 /-</u>
<u>B32B 3 /-</u>	2021412656	<u>B63B 73 /-</u>	<u>B65D 25 /-</u>	<u>B65D 90 /-</u>	2021412682
2021388075	<u>B60R 22 /-</u>	2021379479	2021393208	2021399150	2022206545
<u>B32B 37 /-</u>	2022253353	<u>B63H 11 /-</u>	2021405606	2021399150	<u>B82B 1 /-</u>
2021378806	<u>B60W 40 /-</u>	2021385430	<u>B65D 30 /-</u>	<u>B65F 1 /-</u>	<u>B82Y 5 /-</u>
2022333724	2021401552	<u>B64B 1 /-</u>	2022207941	2022207941	2021405734
<u>B32B 38 /-</u>	<u>B60W 50 /-</u>	2021381937	<u>B65D 33 /-</u>	<u>B65G 1 /-</u>	<u>C01B 25 /-</u>
2021380826	2021378824	2021399186	2021400929	2021415127	2022213302
<u>B32B 5 /-</u>	<u>B60W 60 /-</u>	<u>B64C 15 /-</u>	2022207941	<u>B65G 17 /-</u>	<u>C01B 3 /-</u>
2021380826	2020476749	2021399186	<u>B65D 41 /-</u>	2021421986	2021390315
2022333724	2021378824	<u>B64C 27 /-</u>	2022219112	<u>B65G 23 /-</u>	2021398031
<u>B32B 7 /-</u>	<u>B61L 1 /-</u>	2021412656	<u>B65D 43 /-</u>	2021398595	2021402556
2021388075	2022241370	2021414757	2021393208	<u>B65G 47 /-</u>	2021405287
2022221974	<u>B61L 23 /-</u>	<u>B64C 29 /-</u>	<u>B65D 49 /-</u>	2021379567	2021405835
2022223631	2021390156	2021399186	2022219112	2021446162	2021405856
<u>B33Y 30 /-</u>	<u>B61L 27 /-</u>	<u>B64C 39 /-</u>	<u>B65D 5 /-</u>	<u>B65H 16 /-</u>	2022206298
2021377710	2021390156	2021383065	2021392674	2021379567	2022208421
<u>B42D 25 /-</u>	<u>B62B 1 /-</u>	2021384849	2022221227	<u>B65H 54 /-</u>	2022213780
2021397634	2021409400	2021412656	<u>B65D 50 /-</u>	2021379567	<u>C01B 32 /-</u>
<u>B60B 7 /-</u>	<u>B62B 5 /-</u>	2021414757	2021411333	<u>B65H 59 /-</u>	2021381981
2021377728	2021409661	<u>B64D 25 /-</u>	<u>B65D 51 /-</u>	2021379567	2021385073
<u>B60C 11 /-</u>	<u>B62B 7 /-</u>	2021399186	2021398387	<u>B65H 75 /-</u>	2021409178
2021399169	2021380044	<u>B64D 27 /-</u>	<u>B65D 6 /-</u>	2021384866	<u>C01B 5 /-</u>
2021403909	2021409400	<u>B64D 47 /-</u>	2021393208	<u>B66B 1 /-</u>	2021409178
<u>B60C 25 /-</u>	2021409661	2021412656	<u>B65D 65 /-</u>	2021379567	<u>C01D 15 /-</u>
2021377728	<u>B62B 9 /-</u>	<u>B64F 1 /-</u>	2021388075	<u>B65H 75 /-</u>	2022216350
<u>B60G 17 /-</u>	2021380044	2021412656	<u>B65D 71 /-</u>	2021404477	<u>C01F 11 /-</u>
2021382222	2021409400	<u>B64D 47 /-</u>	2021393208	2021405615	2021388149
<u>B60H 1 /-</u>	2021409661	2021412656	<u>B65D 77 /-</u>	<u>B66B 13 /-</u>	2021406253
2021390926	<u>B62B 9 /-</u>	<u>B64F 3 /-</u>	2021388075	2021405615	2021412682
<u>B60H 3 /-</u>	2021380044	2021412656	<u>B65D 81 /-</u>	<u>B66B 23 /-</u>	2021414499
2021390926	2021409400	<u>B65B 1 /-</u>	2021389156	2021408345	2021416092
<u>B60L 3 /-</u>	2021409661	2021405605	2021400951	<u>B66B 5 /-</u>	2021421950
2021377728	<u>B62D 49 /-</u>	<u>B65B 5 /-</u>	<u>B65D 81 /-</u>	2021405615	<u>C02F 11 /-</u>
<u>B60L 53 /-</u>	2021412656	2021405605	2021393208	<u>B66D 1 /-</u>	2021382505
2021378824	<u>B62D 55 /-</u>	<u>B65B 51 /-</u>	2021414419	2021402078	2021393372
<u>B60L 55 /-</u>	2021400651	2021405605	2021389156		
2021400599	<u>B62J 43 /-</u>	2021405605	2021399512		
<u>B60L 55 /-</u>	2021386512	2021405605	2022221227		
2021400599					

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

C03B 5 /-	2021405287 2021409178	C07C 7 /-	2021409515 2021411587	C07F 7 /-	2021391969 2021395129 2021395248
2021386501		2021401570		2021384766	2021396172
C03C 1 /-	C07C 11 /-	2021409207	C07D 405 /-	C07F 9 /-	2021396381
	2021399133	2022208323		2021403579	2021396552
2021386501		C07C 9 /-	2021382771	2022212601	2021397214
C03C 13 /-	C07C 15 /-	2021405286	2021408119	2022216350	2021397271
	2022208241	2021405287	2021409515		2021397322
2021414649		2021409178	2021409908	C07H 1 /-	2021397808
C03C 25 /-	C07C 211 /-		C07D 409 /-	2021400813	2021398871
	2021400317	C07D 207 /-	2021395388		2021398976
2021414649		2021402179	2021409515	C07H 19 /-	2021399841
C03C 3 /-	C07C 217 /-	C07D 209 /-	2021411587	2021389685	2021400721
	2021400317	2021391581			2021401316
2021414649	C07C 227 /-	C07D 211 /-	C07D 413 /-	C07H 21 /-	2021401712
	2021395052	2021387535	2021379306	2021398268	2021401815
2021414649	2021395798		2021395388	2021410712	2021402183
C04B 111 /-	C07C 229 /-	C07D 213 /-	2021402415	C07K 1 /-	2021403263
	2021395052	2021391153	2021409077	2020477427	2021405013
2021405735	2021395798			2020483085	2021405730
C04B 24 /-	C07C 233 /-	C07D 233 /-	C07D 417 /-		2021405734
	2021400317	2021401429	2021391153	2020483085	2021408685
2021398550			2021395388	C07K 14 /-	2021409653
2021405735	C07C 237 /-	C07D 239 /-	2021400059	2020477427	2021410668
2022379903	2021402179	2021401429	2021411587	2020483085	2021410689
C04B 28 /-	C07C 275 /-	C07D 243 /-	C07D 471 /-	2021316911	2021411581
	2022207425	2021382771	2021377891	2021382717	2021415180
2021398550			2021409544	2021384629	2022206061
2021405735	C07C 29 /-	C07D 251 /-	2021409546	2021386358	2022207557
2022379903	2021402423	2021397863	2021409561	2021388167	2022207985
C05B 17 /-	2021402556		2021409816	2021390545	2022222688
	2021405257	C07D 257 /-	2021410756	2021393526	C07K 19 /-
2021397960	2022208323	2021399168	2021416682	2021396247	2021384629
				2021396552	2021394867
C05B 7 /-	C07C 31 /-	C07D 277 /-	C07D 487 /-	2021397271	2021398871
	2021405257	2021400059	2021377891	2021397877	C07K 5 /-
2021406057	2021405835		2021400942	2021398261	2021402179
	2022206298	C07D 295 /-	2021409546	2021399882	2021402911
2021406057	2022208323	2021399168	2022216350	2021399929	C07K 7 /-
C05G 5 /-	C07C 41 /-	C07D 297 /-	C07D 491 /-	2021400424	2021383563
	2021405257	2021400059	2021394411	2021400761	2021383828
2021406057			2021400942	2021400955	2021396507
C07B 43 /-	C07C 51 /-	C07D 401 /-	C07D 495 /-	2021402007	2021397734
	2022206298	2021385285	2021406354	2021404946	2021403115
2021399168	2021400813		2021409533	2021405062	C07K 9 /-
C07B 59 /-	2022213434	C07D 403 /-	2021409610	2021405269	2022222688
		2021391153	2021409634	2021405790	C08B 15 /-
2022211581	C07C 55 /-	2021395388	2021409653	2021406354	2021394122
	2021400813	2021402179	2021410689	2021409533	C08B 37 /-
C07B 61 /-	2021400813	2021402911	2021411943	2021409610	2021397734
		2021408119	2021412979	2021409634	2021403115
2021409178	C07C 59 /-	2021411587	2021415906	2021409653	C08F 112 /-
	2021385285	2021416682	2022205679	2021409689	2022222688
2021403579			2022205683	2021410689	C08B 15 /-
C07C 1 /-	C07C 69 /-	C07D 405 /-	2022212130	2021411943	2021394122
	2021395708	2021386339	C07K 16 /-	2021412979	C08B 37 /-
2020480581	2021409656	2021398569	2021378331	2021415906	2022205343
2021399133		2021399168	2021378331	2022205679	C08F 112 /-
2021405286	2021395708	2021401429	2021383901	2022205683	2021408141
	2021409656	2021404974	2021387981	2022212130	2021408141
			2021391637	C07K 16 /-	
			2021391779	2021406354	
			2021391803	2021409533	
				2021409610	
				2021409634	
				2021409653	
				2021410689	
				2021411943	
				2021412979	
				2021415906	
				2022205679	
				2022205683	
				2022212130	
				C07K 16 /-	
				2021378331	
				2021383901	
				2021387981	
				2021391637	
				2021391779	
				2021391803	

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

C08F 2 /-	C08L 1 /-	C09K 5 /-	2022208421	2021398989	2021399966
2021379864	2021394122	2021416092	2022208423	2021411733	2021400069
C08F 20 /-	C08L 101 /-	C09K 8 /-	C10G 7 /-	C12N 11 /-	2021401302
2022218151	2021397960	2021400415	2021401908	2021395708	2021404204
C08F 212 /-	C08L 23 /-	2021401560	C10G 75 /-	C12N 15 /-	2021409785
2021395708	2021401955	2021405954	2021401908	2021380634	2021411943
C08F 220 /-	C08L 27 /-	C10B 37 /-	2021405954	2021380725	2022209191
2021379864	2021410102	2021381980	C10G 9 /-	2021381372	2022212090
2021395708	C08L 33 /-	C10B 41 /-	2021411704	2021383834	2022212130
C08F 265 /-	2021394122	2022208421	C10K 1 /-	2021383901	C12N 7 /-
2021379864	C08L 5 /-	2022208423	2022208323	2021384225	2021378098
C08G 12 /-	2022291922	C10B 47 /-	C10L 1 /-	2021384629	2021392709
2021405039	C08L 95 /-	2021381980	2021405954	2021387981	2021399882
2021405761	C09D 15 /-	C10B 53 /-	C10L 10 /-	2021388167	2021404944
2021405762	2021410102	2022208421	2021405954	2021391921	2021409952
2021405763	C09D 171 /-	2022208423	C11D 11 /-	2021392094	C12N 9 /-
C08G 18 /-	2022218151	C10G 1 /-	2021392709	2021393374	2021379745
2021394042	C09D 5 /-	2021411704	2021393374	2021394760	2021393526
C08G 63 /-	2021414197	2022208421	2021394760	2021396247	2021394760
2021401770	C09D 171 /-	2022208423	C10L 10 /-	2021396392	2021396392
C08G 65 /-	2022218151	C10G 2 /-	2021405954	2021396507	2021398268
2022218151	C09D 5 /-	2021402423	C11D 11 /-	2021397734	2021398494
C08H 8 /-	2021392749	2021405257	2021398268	2021398477	2021399929
2021401770	2021402827	2021405287	C11D 3 /-	2021398494	2021400518
C08J 3 /-	C09J 159 /-	2022206298	2021398499	2021398499	2021403660
2021394042	2021405039	2022213780	2021398871	2021399882	2021409375
2021394122	2021405761	C10G 25 /-	2021399929	2021400518	2021411594
2021395708	2021405762	2021411704	2021399929	2021401049	2021416182
2021403115	2021405763	C10G 3 /-	2021400518	2021403263	C12P 13 /-
2021408141	C09J 171 /-	2022208421	2021401049	2021403660	2021398494
2022205343	2021394042	2022208423	2021403660	2021404926	2021398499
C08J 5 /-	C09J 177 /-	2021411704	2021404926	2021404929	C12P 19 /-
2021384865	2021405039	C10G 25 /-	2021404929	2021405062	2021409375
C08J 9 /-	2021405761	2021411704	2021405062	2021405734	2021442079
2021391376	2021405762	C10G 3 /-	2021405790	2021409533	C12P 21 /-
2021396326	2021405763	2022208421	2021409533	2021409634	2021398261
2021408141	C09J 179 /-	2022208423	2021409634	2021409653	2021403263
C08K 3 /-	2021394042	C10G 31 /-	2021409740	2021409952	2021411733
2021394042	C09J 177 /-	2021411704	C12G 1 /-	2021410086	C12Q 1 /-
2021410102	2021405039	C10G 31 /-	2021379745	2021410689	2021378331
C08K 5 /-	C09J 177 /-	2021411704	C12G 3 /-	2021411594	2021383177
2021401955	2021405039	C10G 45 /-	2021412833	2021412833	2021386369
2021410102	2021394042	2021401908	2021412979	2021414227	2021386422
C09J 7 /-	C09J 189 /-	2021411704	2021414227	2021416182	2021386691
2021394042	2021405039	C10G 49 /-	2021416182	2022205679	2021388987
C09J 7 /-	C09J 177 /-	2022208421	2022205679	2022205683	2021391611
2021394042	2021405039	C10G 47 /-	2022207557	2022207557	2021393374
C08K 5 /-	C09J 189 /-	2021411704	2022207939	2022212090	2021395060
2021401955	2021405039	C10G 49 /-	2022212090	2022212130	2021395633
2021410102	C09J 7 /-	2021411704	2021409785	C12N 3 /-	2021396680
C08K 5 /-	2021394042	C10G 65 /-	C12M 1 /-	2021398989	2021400518
2021401955	2021394042	2021411704	2021377418	C12N 5 /-	2021400519
2021410102	C09K 3 /-	2021411704	2021400825	2021386358	2021400825
C09K 3 /-	2022216350	C10G 69 /-	2021404929	2021392094	2021400950
2022216350	C09K 3 /-	2021411704	2021405399	2021395129	2021400953
			2021409785	2021395708	2021401791
				2021398871	2021401813
					2021404929

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

<u>C12R 1 /-</u>	2021406069	<u>D05B 35 /-</u>	<u>E01D 19 /-</u>	<u>E05B 19 /-</u>	<u>E21B 43 /-</u>
2021398494	<u>C25B 11 /-</u>	2021379567	2021389157	2021421574	2021388758
2021398499					2021390798
2021405296	2021400722	<u>D06M 10 /-</u>	<u>E01D 21 /-</u>	<u>E05B 65 /-</u>	2021399150
2021405297					2021402019
	<u>C25B 13 /-</u>	2021402001	2021389157	2021421574	2021403531
<u>C21D 8 /-</u>					
	2022217596	<u>D06M 101 /-</u>	<u>E01F 15 /-</u>	<u>E05C 17 /-</u>	<u>E21B 44 /-</u>
2021400481					
2021400482	<u>C25B 15 /-</u>	2021414649	2022206680	2021399108	2022335338
2021400778					
2021400779	2021390315	<u>D06M 13 /-</u>	<u>E01H 3 /-</u>	<u>E05D 3 /-</u>	<u>E21B 47 /-</u>
2021401505	2021392237				
2021401506	2021392476	2021414649	2022223921	2021404875	2021403223
2021402470	2021399075				2021403497
2021402965	2021405257	<u>D06M 15 /-</u>	<u>E02B 15 /-</u>	<u>E05D 7 /-</u>	2021403893
2021402966	2021406069				
2021410309		2021414649	2021416092	2022221204	<u>E21B 49 /-</u>
	<u>C25B 3 /-</u>				
<u>C21D 9 /-</u>		<u>D21H 13 /-</u>	<u>E02D 27 /-</u>	<u>E05F 3 /-</u>	2021403223
	2021390315				2022335338
2021400481	2021392237	2021400323	2021399954	2021431976	
2021400482	2021392280				<u>E21D 23 /-</u>
2021400778	2021392476	<u>D21H 17 /-</u>	<u>E02F 3 /-</u>	<u>E05F 5 /-</u>	
2021400779	2021406069				2021443191
2021401505		2021400323	2021386481	2021404875	
2021401506	<u>C25B 9 /-</u>	2021405147	2021404062		<u>E21D 9 /-</u>
2021402470					
2021402965	2021390315	<u>D21H 19 /-</u>	<u>E02F 5 /-</u>		2021389157
2021402966	2021392237			2021410000	
	2021392280	2022224395	2021410000		<u>F01C 1 /-</u>
	2021392476				
<u>C22B 26 /-</u>	2021399075	<u>D21H 21 /-</u>	<u>E02F 9 /-</u>	<u>E21B 21 /-</u>	<u>F01C 1 /-</u>
	2021400722			2021403223	2021392306
2021413240	2021406069	2021400323	2021386481		<u>F01C 20 /-</u>
	2022217596	2021405147	2021401882	<u>E21B 23 /-</u>	
<u>C22B 3 /-</u>	2022220640		2021401883		2021392306
		<u>D21H 27 /-</u>	<u>E03B 3 /-</u>	2021388758	
2021413240				2021390798	<u>F01K 11 /-</u>
	<u>C25D 11 /-</u>	2021400323	2021401538	2021401546	
<u>C22C 11 /-</u>				2022226866	2021385430
	2021388344	<u>E01B 26 /-</u>			
2021387363			<u>E03B 7 /-</u>	<u>E21B 25 /-</u>	<u>F01K 15 /-</u>
2021388214	<u>C25D 5 /-</u>	2021391542		2022335338	
			2021394753		2021385430
<u>C22C 23 /-</u>	2021402198	<u>E01B 27 /-</u>	<u>E03C 1 /-</u>	<u>E21B 29 /-</u>	<u>F01K 19 /-</u>
2021411757	<u>C25D 7 /-</u>	2021391542	2022282801	2021388758	2021385430
				2021401546	2021397292
<u>C22C 38 /-</u>	2021402198	<u>E01B 29 /-</u>	<u>E04B 1 /-</u>		
2021400481	<u>C25F 3 /-</u>	2021391542		<u>E21B 31 /-</u>	<u>F01K 23 /-</u>
2021400482			2021375081		
2021400778	2021397840	<u>E01B 37 /-</u>	2021388072	2021403223	2021397292
2021400779			2022205682		
2021401505	<u>C25F 7 /-</u>	2021391542		<u>E21B 33 /-</u>	<u>F01K 25 /-</u>
2021401506			<u>E04B 5 /-</u>		
2021402470	2021397840	<u>E01C 13 /-</u>		2021388758	2021397292
2021402965			2021388072	2021390798	
2021402966	<u>C30B 29 /-</u>	2021405054	2021405784	2021401546	<u>F01K 3 /-</u>
2021410309			2022205428	2021401560	
	2022216350	<u>E01C 19 /-</u>	<u>E04C 3 /-</u>	2021406048	2021385430
				2022226866	
<u>C22F 1 /-</u>	<u>C40B 50 /-</u>	2022206295			<u>F01K 7 /-</u>
			2021405784	<u>E21B 34 /-</u>	
2021387363	2021393374	<u>E01D 15 /-</u>			2021397292
2021388214			<u>E04C 5 /-</u>	2022335338	
2021411757	<u>D01F 9 /-</u>	2021389157			<u>F02D 19 /-</u>
			2021388072	<u>E21B 41 /-</u>	
<u>C25B 1 /-</u>	2021414649	<u>E01D 18 /-</u>	2021405784		2022206298
				2021388758	
2021385430	<u>D04H 1 /-</u>	2021389157	<u>E04H 4 /-</u>	2021390798	<u>F02K 9 /-</u>
2021400722				2021406048	
2021405257	2022205682		2021411967		2021405132
2021405835					

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F02M 21 /-	F15B 19 /-	F16L 11 /-		2021416092	G01L 5 /-
2022206298	2021400669	2021406120	F24S 20 /-		
			2021385430	F28D 15 /-	2021413988
F03D 1 /-	F15B 21 /-	F16L 53 /-		2022205759	G01M 17 /-
2021344484	2021400669	2021406120	F24S 25 /-		
2021403357			2021401315	F28D 20 /-	2022241370
F03D 13 /-	F15B 5 /-	F16L 55 /-		2021385430	G01M 3 /-
	2021400669	2021388758	F24S 30 /-	2021416092	
2021399954			2021397841	F28F 13 /-	2021394753
	F16B 43 /-	F16L 59 /-	2022207369		G01M 5 /-
F03D 9 /-				2021388344	
	2021400319	2021406120	F24S 40 /-	F28F 21 /-	2021396459
2021385430	2021401315				
	2021401318	F16L 9 /-	2021397841	2021409989	G01M 7 /-
F04B 17 /-	F16C 11 /-	2021406120	F24S 50 /-		2021396459
				F28F 9 /-	
2022214311		F17C 3 /-	2021397841		G01N 1 /-
F04B 19 /-	2021400319			2021388344	
	2021401315	2021417882	F24S 80 /-		2021378098
2022214311	2021401318			F41A 9 /-	2021400408
		F21S 2 /-	2022207369		2021417882
F04B 23 /-	F16C 19 /-			2022213035	
		2021381480	F25B 1 /-		G01N 15 /-
2022214311	2021344484			F41H 1 /-	
	2021405966	F21V 1 /-	2021388344		2021400408
F04B 39 /-	F16D 43 /-		F25B 39 /-	2022208062	2021401911
		2021381480		F41H 5 /-	2021401984
2021408239	2021402078	F21V 21 /-	2021388344		2021402925
				2022208062	2021409467
F04B 43 /-	F16F 6 /-	2021381480	F25B 9 /-		G01N 21 /-
				F42D 1 /-	
2021412682	2021400025	F21V 3 /-	2021417412		2021377577
2022214311			2021417882	2021290430	2021384766
F04B 49 /-	F16F 7 /-	2021381480	2021417883	2021377194	2021390170
			2022205759		2021394999
2021402178	2021400025	F23C 10 /-	F25C 1 /-	F42D 3 /-	2021400519
2022214311					2021401085
F04B 53 /-	F16F 9 /-	2021395737		2021377194	2021401791
			2022209176		2021401911
2021402178	2021382222	F23G 7 /-		G01B 17 /-	2021402925
2022214311			F25D 19 /-		2021405061
	F16G 11 /-	2021409467		2021401553	2021409467
F04B 9 /-			2021417883		2021409785
	2021395310	F24C 15 /-	2022205759	G01B 7 /-	2022210993
2022214311	2021400319				
	2021401315	2021420784	F25D 25 /-	2021446162	G01N 27 /-
	2021401318				
F04C 11 /-	F16G 3 /-	F24D 17 /-	2021417882	G01C 21 /-	
					2021396725
2021392306	2021421986	2022282801	F25D 3 /-	2021378824	2021400953
				2021389673	2021402827
F04C 14 /-	F16H 39 /-	F24D 19 /-	2021389156	2022213800	2022211132
				2022377418	
2021392306	2021392306	2022282801	F25J 1 /-		G01N 29 /-
				G01C 3 /-	
F04C 2 /-	F16K 1 /-	F24F 1 /-	2021416497		2021396459
			2021427069	2022377418	
2021392306	2021402178	2021388344			G01N 30 /-
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2021395129			<u>G06Q 30 /-</u>	2021368621	2021380574
2021395633	<u>G02B 7 /-</u>	<u>G06F 40 /-</u>		2021387768	2021396491
2021396379			2021369935	2021390203	2021410650
2021396552	2021403689	2021401310	2021375504	2021402858	2021413112
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2021396680	<u>G02F 1 /-</u>		2021409914		<u>G16H 30 /-</u>
2021397357		<u>G06F 7 /-</u>	2021436126	<u>G06V 40 /-</u>	2021394459
2021399966	2022215571		2022223423		2021408159
2021400825	2022217785	2021400325	2022264070	2021416710	2021412721
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2021413229	<u>G05D 1 /-</u>	2021401791			<u>G21B 1 /-</u>
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2021403689	<u>G06F 21 /-</u>		2021416710		
		2021375504	2022377418	<u>G10K 9 /-</u>	
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			2021416710		
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2021415963	<u>H02G 5 /-</u>	<u>H03M 7 /-</u>	2021373128	2021418920	
2022216350	2021420753	2021382348	2021400407	2022207836	
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2021400722	2022374190		2021414145	<u>H04W 52 /-</u>	
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	<u>H02J 1 /-</u>	2021414006		2021418920	
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2021400722	<u>H02J 7 /-</u>	2022250812	2021414145		
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2022337863	2021412527		<u>H04M 3 /-</u>	<u>H04W 76 /-</u>	
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2021409968		<u>H04L 1 /-</u>	<u>H04M 3 /-</u>	<u>H05B 3 /-</u>	
2021410085	2021406732			2021417404	
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2021401211	2021395470	<u>H04L 25 /-</u>	<u>H04N 5 /-</u>	2021402001	
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C07D 277/28 (2006.01)
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B09B 1/00 (2006.01)
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 A61K 31/4045 (2006.01)
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 A61K 31/4178 (2006.01)
 A61K 31/4196 (2006.01)
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 A61P 9/10 (2006.01)
 A61P 25/28 (2006.01)
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G01R 19/00 (2006.01)
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C08L 97/00 (2006.01)

C07G 1/00 (2011.01)
C08H 8/00 (2010.01)
C08J 5/18 (2006.01)
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A61P 9/12 (2006.01)
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A01B 49/06 (2006.01)
A01C 5/00 (2006.01)
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H02K 1/06 (2006.01)
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H02K 3/28 (2006.01)
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H02K 9/04 (2006.01)
H02K 9/19 (2006.01)
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 GMBH
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B64C 11/00 (2006.01)
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C07D 255/00 (2006.01)
A61K 31/506 (2006.01)
A61P 19/02 (2006.01)
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C07D 255/02 (2006.01)
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C07D 409/06 (2006.01)
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Applications Accepted - Name Index cont'd

(71) Zero Carb Company B.V.
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 B63C 9/04 (2006.01)
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Numerical Index

2016306209	Seattle Children's Hospital (dba Seattle Children's Research Institute)	2017379549	Equinor Energy AS
2016311454	Duke University	2017379879	Ohio State Innovation Foundation
2016323968	ImmunoGen, Inc.	2017382984	APL Norway AS
2016339832	Eureka Therapeutics, Inc.	2017384617	ETH Zurich
2016341533	Juno Therapeutics GmbH	2017387549	Transgene SA
2016348342	Fate Therapeutics, Inc.	2017401891	Stepan Company
2016349876	Singh Biotechnology, LLC	2017413260	Hospital Clínic de Barcelona; Institut d'Investigacions Biomèdiques Augusti Pi I Sunyer (IDIBAPS)
2016357478	Ventana Medical Systems, Inc.	2017414006	Shenzhen Hightide Biopharmaceutical, Ltd.
2016402370	Sakura Finetek U.S.A., Inc.	2017425665	Compagnie Generale des Etablissements Michelin
2017200007	Grifols Worldwide Operations Limited	2017427270	Transitions Optical, Ltd.
2017200164	Evoqua Water Technologies Canada Limited	2017441820	TWE Meulebeke
2017204749	MX PRODUCTION	2018200296	The Boeing Company
2017204821	Radio Systems Corporation	2018200837	Hunter Douglas Inc.
2017208302	Azuma Design Pty Limited	2018202602	Weatherford U.K. Limited
2017216230	Amgen Research (Munich) GmbH; Amgen Inc.	2018207325	Gripple Limited
2017216543	The Goodyear Tire & Rubber Company	2018217038	NephroDI Therapeutics, Inc.
2017227776	University of Florida Research Foundation, Inc.; The Trustees of the University of Pennsylvania	2018217746	Natural Ocean Well Co.
2017258982	Deere & Company	2018218341	Celex Oncology Innovations Limited
2017261371	TARIS Biomedical LLC	2018223979	Oystershell NV
2017262776	American Molecular Laboratories, Inc.	2018225113	Medos International Sàrl
2017268397	ModernaTX, Inc.	2018225165	Bayer Healthcare LLC
2017271409	Weedout Ltd.	2018225550	Hollister Incorporated
2017273542	Northwestern University	2018228336	Kimberly-Clark Worldwide, Inc.
2017278022	Synovo GmbH	2018228389	White Swell Medical Ltd
2017291242	Pierre Fabre Dermo-Cosmetique	2018232163	Spiber Inc.
2017295262	The Children's Medical Center Corporation; Dana-Farber Cancer Institute, Inc.	2018233047	Vale S.A.
2017295610	Nunhems B.V.	2018238289	Flex Fuel - Energy Development
2017301763	Diazyme Laboratories, Inc.	2018238411	Bioprojet Pharma
2017304182	Klinter Design IVS	2018240188	World Class Technology Corporation
2017307455	Société des Produits Nestlé S.A.	2018240522	Stamford Devices Ltd
2017310264	Agriculture Victoria Services Pty Ltd	2018243583	InnAvasc Medical, Inc.
2017315396	Crown Equipment Corporation	2018247009	Alcoa USA Corp.
2017317646	Bracco Suisse SA	2018247080	Intelligent Fingerprinting Limited
2017318907	OncoTherapy Science, Inc.	2018248792	Maskinfabrik Dahl Engineering V/Claus Dahl Pedersen
2017326244	CDA Research Group, Inc.	2018249339	Becton Dickinson Rowa Germany GmbH
2017328245	Intas Pharmaceuticals Ltd.	2018251996	Evoqua Water Technologies LLC
2017328903	The University of Sheffield	2018255296	Sunfolding, Inc.
2017332866	Master Sinkers (Pty) Ltd	2018255376	Hyloris Developments SA
2017332870	COPMA S.C. a R.L.	2018261030	ConocoPhillips Company
2017335991	The Regents of The University of California	2018262117	Jay-Lor International Inc.
2017336088	The Trustees of the University of Pennsylvania; The Wistar Institute of Anatomy and Biology; Inovio Pharmaceuticals, Inc.	2018262633	Abiomed Europe GmbH
2017342273	2seventy bio, Inc.	2018264743	Equinor Energy AS
2017343886	Cipla Limited	2018265388	Colorobbia Consulting S.r.l.
2017344056	Pur Equipamentos Industriais Ltda	2018272753	World Class Technology Corporation
2017345165	Johnson & Johnson Consumer Inc.	2018275337	Krausz Industries Ltd.
2017349597	Netafim Ltd	2018277043	Episode Six Inc.
2017350476	Survitec Group Limited	2018278163	Naval Group
2017352056	Vanadis Diagnostics	2018279247	Luigi Lavazza S.p.A.
2017359336	The United States of America, as represented by The Secretary, Department of Health and Human Services	2018279856	Alarm.com Incorporated
2017361422	Cagent Vascular, Inc.	2018279862	Abiomed, Inc.
2017363168	Gen-Probe Incorporated	2018280071	Electrolux Appliances Aktiebolag
2017363283	LifeQ Global Limited	2018280743	Mölnlycke Health Care AB
2017364899	LB Pharmaceuticals Inc.	2018282253	Elta Systems Ltd.
2017369457	Reckitt Benckiser Finish B.V.	2018282264	CP-IP Limited
2017371226	Blackswan Vascular, Inc.	2018285972	Sinai Health System
2017371808	Crown Packaging Technology, Inc.	2018287868	Sony Corporation
2017373508	Hettich-Oni GmbH & Co. Kg	2018290182	Zero Carb Company B.V.
2017374654	Nippon Steel Corporation; Vallourec Oil and Gas France	2018290375	ZTE Corporation
2017375228	Haldor Topsøe A/S	2018291097	Johnson & Johnson Consumer Inc.
2017375560	Smith & Nephew plc	2018293918	Reflex Instruments Asia Pacific Pty Ltd
2017376239	MedImmune, LLC	2018297022	Isotop Corporation Sdn Bhd
		2018297890	HYSTAR AS
		2018299893	Magic Leap, Inc.
		2018300886	Sakata Inx Corporation
		2018304314	Turbett Surgical, Inc.
		2018304585	Aptevo Research and Development LLC; Alligator Bioscience AB

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2018320413	SICPA HOLDING SA	2020213494	Jin, P.
2018321152	Helmholtz-Zentrum für Infektionsforschung GmbH	2020221863	Future Motion, Inc.
2018328818	Cyteir Therapeutics, Inc.	2020224067	VMware, Inc.
2018329866	The Commonwealth of Australia	2020226900	Netflix, Inc.
2018330178	Alcresta Therapeutics, Inc.	2020228523	LG Electronics Inc.
2018335602	Eni S.p.A.	2020240203	Nippon Steel Corporation
2018337036	Becton, Dickinson and Company	2020240750	Ricoh Company, Ltd.
2018346414	Verrica Pharmaceuticals, Inc.	2020242588	Inventio AG
2018347782	Ludwig Institute for Cancer Research Ltd	2020247061	Inventio AG
2018348767	Katholieke Universiteit Leuven	2020247386	Assa Abloy AB
2018351078	NuVasive, Inc.	2020248015	Waddington North America, Inc.
2018351514	915 Labs, LLC	2020248784	Terumo Kabushiki Kaisha
2018353107	Esteve Pharmaceuticals, S.A.	2020250958	Nicoventures Trading Limited
2018361801	BAE Systems plc	2020260485	Prevail Therapeutics, Inc.
2018369909	The Coca-Cola Company	2020260919	CJ CheilJedang Corporation
2018388406	HiberCell Inc.	2020261933	W. L. Gore & Associates, Inc.
2018391811	Merck Patent GmbH	2020261982	International Business Machines Corporation
2018398889	China Railway Engineering Equipment Group Co., Ltd.	2020263769	Otsuka Pharmaceutical Factory, Inc.
2018413296	C&M Oilfield Rentals, LLC	2020264200	Fuyuki Academy
2018420069	Trustees of Tufts College	2020264654	Huawei Technologies Co., Ltd.
2018446680	Pujing Chemical Industry Co., Ltd	2020272667	DNA TWOPOINTO INC.
2018451723	Hewlett-Packard Development Company, L.P.	2020272668	DNA TWOPOINTO INC.
2019201203	CNH Industrial America LLC	2020275280	Howmedica Osteonics Corp.
2019212648	Lone Gull Holdings, Ltd.	2020275407	PPG Industries Ohio, Inc.
2019226715	De La Rue International Limited	2020277266	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRAINS RESEARCH AND DEVELOPMENT CORPORATION
2019237344	Yuhan Corporation		International Business Machines Corporation
2019237516	Neustar, Inc.	2020277632	Thomson Reuters Enterprise Centre GmbH
2019242740	ConocoPhillips Company	2020278972	RDA (Chongqing) Microelectronics Technologies Co., Ltd.
2019247412	The General Hospital Corporation	2020280352	Unilever Global IP Limited
2019247481	Kakadu R & D Pty Ltd		Southern Mills, Inc.
2019252255	Mars Sciences Limited	2020281619	Shanghai United Imaging Healthcare Co., Ltd.
2019262979	Revolution Medicines, Inc.	2020283531	ViiV Healthcare UK (No.5) Limited
2019264788	Chr. Hansen HMO GmbH	2020285268	Beijing Bytedance Network Technology Co., Ltd.
2019269650	Hitachi Rail STS USA, Inc.	2020295793	Inventio AG
2019271148	Werewolf Therapeutics, Inc.	2020305669	Cabinplant International A/S
2019279165	Mitsui Sugar Co., Ltd.	2020310454	Apple Inc.
2019284796	Electrolux Appliances Aktiebolag	2020313507	Meso Scale Technologies, LLC.
2019291111	UCB Biopharma SRL	2020313970	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2019291441	Huawei Technologies Co., Ltd.	2020314729	Premier Biotech, Inc.
2019302660	Qualcomm Incorporated	2020317659	LivePerson, Inc.
2019304569	Helixmith Co., Ltd		Lau, C.H.; Lau, C.P.
2019313199	Joint Stock Company "BIOCAD"	2020320437	Praxair Technology, Inc.
2019326055	Química Agronómica de México, S. de R.L. C.V.	2020328581	Huawei Technologies Co., Ltd.
2019335381	Hitachi Rail STS USA, Inc.	2020331609	Boston Scientific Scimed Inc.
2019352739	NKT Photonics GmbH	2020332295	Wuhan Humanwell Innovative Drug Research and Development Center Limited Company
2019355737	Huawei Technologies Co., Ltd.	2020332948	Memjet Technology Limited
2019356410	KoBioLabs, Inc.	2020334051	ZTE Corporation
2019362347	Huawei Technologies Co., Ltd.	2020342202	Boston Scientific Scimed, Inc.
2019372032	Zhuhai Yunzhou Intelligence Technology Ltd.		Howmedica Osteonics Corp.
2019380566	Ocado Innovation Limited	2020346264	Repligen Corporation
2019383290	Huawei Technologies Co., Ltd.	2020354252	Pertec Electronics Company Limited
2019385776	Huawei Technologies Co., Ltd.	2020354896	Neuboron Therapy System Ltd.
2019393838	Fundação Universidade Federal De São Carlos; Suzano S.A.	2020357755	Krosakiharima Corporation
		2020357863	Huawei Technologies Co., Ltd.
2019409777	Cambi Technology AS	2020372446	Taiho Pharmaceutical Co., Ltd.
2019414140	Mikro Biosistemler Elektronik Sanayi Ve Ticaret A.S.	2020374665	Universität Bern
2019423410	LG Electronics Inc.	2020376577	Gannex Pharma Co., Ltd.
2019440651	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shizhen Information Technology Co., Ltd.	2020379794	AstraZeneca AB
		2020382214	Guangzhou Xaircraft Technology Co., Ltd.
2019445332	Kabushiki Kaisha Toyota Jidoshokki	2020392702	Hitachi Energy Switzerland AG
2019446426	Google LLC	2020395393	Netflix, Inc.
2019456345	Beijing AI-Robotics Technology Co., Ltd.	2020397222	Sunwave Communications Co., Ltd.
2019466288	Shanghai Smartee Denti-Technology Co., Ltd.; Shen, G.; Taikang Bybo Dental Group Co., Ltd.	2020406176	Netflix, Inc.
		2020406229	Tovis Co., Ltd.
2019466972	PolyActiva Pty Ltd	2020408143	Atlas Copco Airpower, Naamloze Vennootschap
2019478068	Shenzhen Shokz Co., Ltd.	2020414216	Mitsubishi Electric Corporation
2020202599	Huawei Technologies Co., Ltd.	2020417822	Sato Holdings Kabushiki Kaisha
2020203247	Angel Group Co., Ltd.	2020418324	
2020203710	Chugai Seiyaku Kabushiki Kaisha	2020418611	
2020205593	Brane Cognitives Pte. Ltd.	2020431621	
2020210213	Guo, Z.	2020434239	
2020211948	Colgate-Palmolive Company		

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2020439978	Google LLC	2021269388	Toshiba Energy Systems & Solutions Corporation; Kabushiki Kaisha Toshiba
2020441878	Qingdao CCS Electric Corporation	2021273802	CaaMTech, Inc.
2020450961	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.	2021278156	Novartis AG
2020461527	Kuwano Boats Co.,Ltd.	2021286340	Sangamo Therapeutics, Inc.
2020471265	TENSIVE SRL	2021286440	Qualcomm Incorporated
2021200570	Ela Pharma Ltd	2021288365	Apical Molecular Biotech. Co., Ltd.
2021201034	Biohaven Pharmaceutical Holding Company Ltd	2021290275	ConMed Corporation
2021201983	Le Med Pty Ltd	2021290297	Philip Morris Products S.A.
2021202174	Colgate-Palmolive Company	2021302892	International Business Machines Corporation
2021202228	Fisher & Paykel Healthcare Limited	2021309929	International Business Machines Corporation
2021202229	Deep Brain Innovations LLC	2021320083	Motorola Solutions, Inc.
2021202545	VORWERK & CO. INTERHOLDING GMBH	2021327071	Arxada AG
2021202574	R. J. Reynolds Tobacco Company	2021333331	Mitsubishi Shipbuilding Co., Ltd.
2021202732	Radinn AB	2021341625	CooperVision International Limited
2021202802	La Marzocco S.r.l.	2021368016	KEMIRA OYJ
2021202894	Epizyme, Inc.	2021376534	GREENWOOD-POWER GMBH
2021203087	Q30 Sports Science, LLC	2021388402	DAIKIN INDUSTRIES, LTD.
2021203538	Illumina, Inc.	2021399883	RAPID POWER INDUSTRIES
2021203777	Dolby International AB	2021401999	OZGREEN ENERGY PTY LTD
2021203824	Rhodia Operations; Adama Makhteshim Ltd.	2021403892	RAPID POWER INDUSTRIES
2021203895	BWXT ISOTOPE TECHNOLOGY GROUP, INC.	2021404126	CooperVision International Limited
2021204032	LG Electronics Inc.	2022200292	Wing Aviation LLC
2021204327	Air Products and Chemicals, Inc.	2022200317	SEW-EURODRIVE GmbH & Co. KG
2021204344	Alcon Inc.	2022200344	Amgen Inc.
2021204496	Herlev Hospital; Immudex ApS	2022200478	Janssen Pharmaceutica NV
2021204524	KPR U.S., LLC	2022200778	Next Science IP Holdings Pty Ltd
2021204547	Nilo Limited	2022201214	Kabushiki Kaisha Toshiba
2021204549	Arvinas Operations, Inc.	2022201257	FDK Corporation
2021204636	Edwards Lifesciences Corporation	2022201565	UNIVERSITÄTS-KINDERSPITAL BEIDER BASEL
2021204696	Chubak, G.	2022201697	Shanghai Power Equipment Research Institute Co., Ltd
2021204714	LG Electronics Inc.	2022201853	Modular Mining Systems, Inc.
2021206865	Milwaukee Electric Tool Corporation	2022201925	Snap-on Incorporated
2021209866	Regeneron Pharmaceuticals, Inc.	2022202065	NAVICO HOLDING AS
2021212123	W. L. Gore & Associates, Inc.	2022202231	Becton, Dickinson and Company
2021213752	Enphase Energy, Inc.	2022202244	Edwards Lifesciences Corporation
2021215126	Intrator, N.	2022202447	Beijing Baidu Netcom Science Technology Co., Ltd.
2021215198	Technion Research and Development Foundation Ltd.	2022202548	Precision Planting LLC
2021215252	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2022203008	Vivo Mobile Communication Co., Ltd.
2021216172	Fronius International GmbH	2022203015	Lam, T.T.
2021218139	Hadal, Inc.	2022203294	Arizona Board of Regents on behalf of Arizona State University; Regents of the University of Minnesota; Crestovo Holdings LLC
2021218151	Juul Labs, Inc.	2022203400	Amazon Technologies, Inc.
2021225182	Sedonasys Systems Ltd	2022203434	Mine Site Technologies Pty Ltd
2021225242	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2022203508	Apple Inc.
2021229178	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2022203658	Canva Pty Ltd
2021229241	Fornetix LLC	2022203659	Canva Pty Ltd
2021229414	Wuhan Humanwell Innovative Drug Research and Development Center Limited Company	2022203856	SAMSUNG ELECTRONICS CO., LTD.
2021229907	Caterpillar Underground Mining Pty Ltd	2022203927	JANOME Corporation
2021232719	Komatsu Forest AB	2022204195	Block, Inc.
2021232798	Spirox, Inc.	2022204233	Aqua-Aerobic Systems, Inc.
2021240202	Korea Advanced Institute of Science and Technology; Modamoda Co., Ltd.	2022204388	Clinicom International, Inc.
2021240291	JRSK, Inc.	2022204448	Fujitsu Limited
2021250913	Neurovigil, Inc.	2022235545	Apple Inc.
2021254511	Ducati Motor Holding S.p.A.	2022252823	Titan Trailers Inc.
2021254530	FISHER & PAYKEL HEALTHCARE LIMITED	2022259766	TeneoOne, Inc.
2021256162	Rovi Guides, Inc.	2022259844	MFS Pharmaceuticals Limited
2021257945	Nexttracker LLC	2022374189	BARREIRO, M.
2021257968	Deep Isolation, Inc.	2023200928	Gen-Probe Incorporated
2021258018	Nokia Solutions and Networks Oy	2023201323	Gen-Probe Incorporated
2021258038	Boston Scientific Scimed, Inc.	2023201783	Alfa Laval Corporate AB
2021258075	MILWAUKEE ELECTRIC TOOL CORPORATION	2023202476	Anago Limited
2021258078	Victaulic Company	2023203182	Netflix, Inc.
2021259286	National Products, Inc.		
2021261871	Becton, Dickinson and Company		
2021265724	Motorola Solutions, Inc.		
2021269272	BioNTech US Inc.		
2021269354	Boehringer Ingelheim Vetmedica GmbH		

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2022202548	2020210213	2021202574	2017363283	<u>A61H 1 /-</u>	2016306209
<u>A01C 15 /-</u>	<u>A01N 25 /-</u>	<u>A24F 40 /-</u>	2018247080	2019456345	2016348342
2022202548	2021203824	2020250958	2021202228	2020264200	2017342273
<u>A01C 21 /-</u>	2021215198	<u>A24F 47 /-</u>	2021204524	<u>A61H 3 /-</u>	2017387549
2022202548	2022200778	<u>A01N 31 /-</u>	2021215126	2019456345	2018285972
<u>A01C 5 /-</u>	<u>A01N 37 /-</u>	2021202574	2021250913	<u>A61H 39 /-</u>	2019356410
2022202548	2022200778	2021218151	<u>A61B 50 /-</u>	2021203087	2022203294
<u>A01C 7 /-</u>	<u>A01N 43 /-</u>	2021290297	2018304314	<u>A61H 9 /-</u>	<u>A61K 36 /-</u>
2022202548	2019326055	<u>A45C 5 /-</u>	<u>A61B 6 /-</u>	2021204524	2017291242
<u>A01D 41 /-</u>	<u>A01N 47 /-</u>	2021240291	<u>A61B 8 /-</u>	<u>A61J 1 /-</u>	<u>A61K 38 /-</u>
2019201203	2021203824	<u>A46B 11 /-</u>	2018225165	2021204524	2016306209
<u>A01D 45 /-</u>	<u>A01N 51 /-</u>	2020211948	<u>A61B 90 /-</u>	<u>A61J 7 /-</u>	2016349876
2017258982	2021203824	<u>A47B 13 /-</u>	2020248784	2021261871	2017268397
<u>A01D 63 /-</u>	<u>A01N 65 /-</u>	2018297022	<u>A61C 17 /-</u>	<u>A61K 31 /-</u>	2017336088
2019201203	2019326055	<u>A47B 88 /-</u>	2021202174	2018249339	2017414006
<u>A01G 23 /-</u>	<u>A01P 1 /-</u>	2019423410	<u>A61C 3 /-</u>	<u>A61K 39 /-</u>	2018285972
2021232719	2019326055	<u>A47F 1 /-</u>	2017261371	2016306209	2018330178
<u>A01G 25 /-</u>	<u>A01P 3 /-</u>	2020248015	2017295262	2016323968	2019271148
2017349597	2019326055	<u>A47J 31 /-</u>	2017307455	2020392702	2019304569
<u>A01G 29 /-</u>	<u>A21D 13 /-</u>	2018279247	2017328245	<u>A61K 47 /-</u>	2020392702
2022202548	2018290182	2021202802	2017343886	2016306209	2016339832
<u>A01H 1 /-</u>	<u>A22C 17 /-</u>	<u>A47J 43 /-</u>	2017364899	2016349876	2016339832
2017271409	2020313507	2021202545	2017413260	2017200007	2016339832
2017295610	<u>A23L 29 /-</u>	2017369457	2018217038	2017335991	2016339832
<u>A01H 5 /-</u>	<u>A23L 3 /-</u>	<u>A47L 15 /-</u>	2018218341	2017336088	2016339832
2017271409	2018351514	2017369457	2018223979	2018285972	2016339832
2017295610	<u>A23L 33 /-</u>	<u>A61B 1 /-</u>	2018238411	2018304585	2016339832
2020277266	2017307455	2018225113	2018255376	2020203710	2016339832
<u>A01K 15 /-</u>	2018290182	2020354896	2018328818	2021269272	2016339832
2017204821	2018330178	<u>A61B 17 /-</u>	2018346414	<u>A61K 48 /-</u>	2016339832
<u>A01K 61 /-</u>	<u>A23L 35 /-</u>	2017359336	2018353107	2016339832	2016339832
2022203015	2017307455	2017371226	2018388406	2016339832	2016339832
<u>A01K 91 /-</u>	2018290182	2018225113	2018388406	2016339832	2016339832
2020210213	2018330178	2018228389	2019237344	2016339832	2016339832
<u>A01K 97 /-</u>	2019264788	2019247412	2019262979	2016339832	2016339832
2020210213	2019356410	2020275280	2019264788	2016339832	2016339832
		2021203087	2019291111	2016339832	2016339832
		2021290275	2019313199	2016339832	2016339832
		<u>A61B 3 /-</u>	2019466972	2016339832	2016339832
		2021204344	2020295793	2016339832	2016339832
		2017359336	2020342202	2016339832	2016339832
		2021204344	2020382214	2016339832	2016339832
		<u>A61B 34 /-</u>	2020395393	2016339832	2016339832
		2020275280	2021200570	2016339832	2016339832
		2021258038	2021201034	2016339832	2016339832
			2021202894	2016339832	2016339832
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			2021229414	2016339832	2016339832
			2021269354	2016339832	2016339832
			2021278156	2016339832	2016339832
			2021288365	2016339832	2016339832
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			2022201565	2016339832	2016339832
			2022259844	2016339832	2016339832
			<u>A61K 33 /-</u>	2016339832	2016339832
			2017359336	2016339832	2016339832
			2021204344	2016339832	2016339832
			<u>A61G 3 /-</u>	2016339832	2016339832
			2017326244	2016339832	2016339832

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2017261371	<u>A61M 39 /-</u>	2020203710	2019456345	2023201783	2022201925
2017317646	2018243583	2021229414	<u>A63B 71 /-</u>	<u>B04B 11 /-</u>	<u>B29C 43 /-</u>
2017328245	2022202231	2022200478	2022203508	2023201783	2018420069
2017343886	<u>A61M 5 /-</u>	2022259844	<u>A63C 17 /-</u>	2023201783	2018420069
2017379879	2017376239	<u>A61P 3 /-</u>	2020221863	<u>B04B 13 /-</u>	<u>B29C 44 /-</u>
2018223979	2017379879	2018238411	<u>B05B 1 /-</u>	2023201783	2021204714
2018255376	2018330178	2019356410	2022204233	<u>B05B 11 /-</u>	<u>B29C 67 /-</u>
2018330178	2018330178	2021269354	20222024233	2020281619	2017273542
2021201034	2021261871	2022200478	<u>B05B 12 /-</u>	<u>B05B 15 /-</u>	<u>B32B 15 /-</u>
2021215198	2022200344	<u>A61P 31 /-</u>	2020406176	2020406176	<u>B32B 19 /-</u>
2022201565	2022202231	2016349876	<u>B05B 3 /-</u>	2020406176	<u>B32B 27 /-</u>
<u>A61L 101 /-</u>	<u>A61M 60 /-</u>	2020295793	2020406176	<u>B05B 7 /-</u>	<u>B41F 17 /-</u>
2022200778	2018262633	2020395393	<u>B05D 1 /-</u>	2020275407	2017371808
<u>A61L 15 /-</u>	2018279862	<u>A61P 35 /-</u>	<u>B05D 3 /-</u>	<u>B05D 3 /-</u>	<u>B41F 19 /-</u>
2018280743	2020334051	2017336088	2018320413	2018320413	2018300886
<u>A61L 2 /-</u>	<u>A61N 1 /-</u>	2018218341	<u>B05D 7 /-</u>	<u>B05D 7 /-</u>	2018451723
2018304314	2020264200	2018304585	2020275407	2020275407	2020346264
2018351514	2021202229	2018328818	<u>B07C 5 /-</u>	<u>B07C 5 /-</u>	<u>B41M 1 /-</u>
2022200778	<u>A61N 5 /-</u>	2018346414	2020313507	2020313507	2017371808
<u>A61L 27 /-</u>	2020374665	2018388406	<u>B08B 3 /-</u>	<u>B08B 3 /-</u>	<u>B41M 5 /-</u>
2018285972	<u>A61P 1 /-</u>	2019262979	2022204233	2022204233	<u>B42D 25 /-</u>
2020471265	2017307455	2019313199	<u>B09B 1 /-</u>	<u>B09B 1 /-</u>	2019226715
<u>A61L 9 /-</u>	2017414006	2020203710	2021257968	2021257968	<u>B60C 9 /-</u>
2018265388	2021288365	2020342202	<u>B21D 17 /-</u>	<u>B21D 17 /-</u>	2017216543
<u>A61M 1 /-</u>	<u>A61P 11 /-</u>	2020382214	<u>B22D 11 /-</u>	<u>B22D 11 /-</u>	2017304182
2017375560	2019291111	2021202894	<u>B22D 41 /-</u>	<u>B22D 41 /-</u>	<u>B61L 23 /-</u>
2018228389	2021278156	2021229414	2020376577	2020376577	2019269650
2018243583	2022200478	2021278156	2020376577	2020376577	2019335381
<u>A61M 11 /-</u>	<u>A61P 13 /-</u>	2022200478	<u>B23K 26 /-</u>	<u>B23K 26 /-</u>	<u>B61L 25 /-</u>
2018240522	2017261371	2018388406	2018420069	2018420069	2019335381
<u>A61M 15 /-</u>	<u>A61P 17 /-</u>	2019291111			
2018240522	2017291242	<u>A61P 37 /-</u>			
2020250958	2018346414	2017200007			
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<u>A61M 16 /-</u>	2020342202	2018328818			
2018240522	<u>A61P 25 /-</u>	2018388406			
2021202228	2017413260	2019291111			
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<u>A61M 25 /-</u>	2018328818	2021200570			
2017361422	2019304569	2021278156			
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2018228389	2022201565	<u>A61Q 11 /-</u>			
2020261933	<u>A61P 27 /-</u>	2017326244			
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2017261371	2020392702	2020211948			
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2017361422	<u>A61P 29 /-</u>	2018223979			
2017379879	2018353107	<u>A61Q 5 /-</u>			
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<u>B61L 5 /-</u>	2020210213	2021203895	2018388406 2021202894	2018388406 2019313199 2020295793 2021278156 2022200478	
2019269650	<u>B64D 25 /-</u>	<u>C02F 1 /-</u>	<u>C07D 231 /-</u>		
<u>B61L 9 /-</u>	2017350476	2018217746 2018251996	2021229414	<u>C07D 473 /-</u>	
2019269650	<u>B64U 10 /-</u>	<u>C02F 103 /-</u>	<u>C07D 249 /-</u>	2021278156	
<u>B62J 17 /-</u>	2020210213	2018217746	2019237344	<u>C07D 487 /-</u>	
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<u>B62K 15 /-</u>	2020210213	2022204233	2020342202	2018388406 2019291111 2020397222 2021273802 2021278156 2022200478	<u>C07K 16 /-</u>
2020372446	<u>B65B 5 /-</u>	<u>C04B 12 /-</u>	<u>C07D 277 /-</u>		2016306209 2016323968 2016339832 2016349876 2016357478 2017216230 2017318907 2017328903 2017335991 2018304585 2020203710 2021200570 2021269272 2022259766
<u>B63B 21 /-</u>	2018249339	2018348767	2018328818	<u>C07D 491 /-</u>	
2017379549 2017382984	<u>B65B 9 /-</u>	<u>C04B 28 /-</u>	<u>C07D 333 /-</u>		
<u>B63B 22 /-</u>	2018249339	2018348767	2019291111	2018388406 2021202894	
2019212648	<u>B65D 51 /-</u>	<u>C04B 35 /-</u>	<u>C07D 401 /-</u>	<u>C07D 495 /-</u>	
<u>B63B 25 /-</u>	2021261871	2020376577	2018388406 2020342202 2021200570 2021202894 2021204549	2018346414 2018388406 2019291111	
2021333331	<u>B65D 81 /-</u>	<u>C07B 63 /-</u>			
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2021202732	<u>B65D 83 /-</u>	<u>C07C 15 /-</u>	<u>C07D 403 /-</u>	2018353107 2019262979 2019291111	2019271148 2021204496
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2022202065	<u>B65D 90 /-</u>	<u>C07C 29 /-</u>	2018388406 2020397222 2021202894	<u>C07D 515 /-</u>	2017414006
<u>B63C 9 /-</u>	2021333331 2022252823	2018446680	<u>C07D 407 /-</u>	2022200478	<u>C08G 18 /-</u>
2017350476 2019372032	<u>B65G 1 /-</u>	2018446680	2021200570	<u>C07D 519 /-</u>	2017401891 2017427270
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2020461527	<u>B65G 45 /-</u>	2021327071	2019237344 2019291111 2021202894	<u>C07G 1 /-</u>	2019466972
<u>B63H 25 /-</u>	2017344056	<u>C07C 49 /-</u>		2019279165 2019393838	<u>C08G 75 /-</u>
2022202065	<u>B65G 54 /-</u>	2021327071	<u>C07D 413 /-</u>		2020240750
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2017204749	<u>B66B 1 /-</u>	2019279165 2021327071		2019264788	2019393838
<u>B64C 11 /-</u>	2020242588 2020247061	<u>C07C 59 /-</u>	<u>C07D 417 /-</u>	<u>C07H 21 /-</u>	<u>C08J 11 /-</u>
2022200292	<u>B66B 5 /-</u>	2019279165 2021327071	2018328818 2019291111 2020395393 2021200570 2021202894 2021204549 2022200478	2017227776	2021204547
<u>B64C 29 /-</u>	2020242588 2020247061	<u>C07C 65 /-</u>		<u>C07H 3 /-</u>	<u>C08J 5 /-</u>
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<u>C08L 5 /-</u>	2017227776	<u>C21D 9 /-</u>	2021229907	2018293918	2019212648
2019393838	2017268397	2020240203	2021232719		2022203015
<u>C08L 67 /-</u>	2017318907	<u>C22B 3 /-</u>	<u>E02F 9 /-</u>	<u>E21B 7 /-</u>	<u>F04F 1 /-</u>
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2020240750	2018285972	2020240203	<u>E04H 4 /-</u>	<u>E21D 1 /-</u>	2018255296
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2020240750	2020203710	2022201214	2018282264	2018398889	2022200292
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2017401891	2020272667	2022201214	2017200164	2017332866	2020461527
2019393838	2020272668	2022201214	<u>E05C 1 /-</u>	<u>F01D 19 /-</u>	<u>F16C 23 /-</u>
<u>C09D 11 /-</u>	2020277266	<u>C25B 15 /-</u>	2017208302	2022201697	2017382984
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<u>C09D 175 /-</u>	<u>C12N 9 /-</u>	<u>C25B 9 /-</u>	2017373508	2019445332	<u>F16L 17 /-</u>
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2018320413	2017387549	2018247009	<u>E05D 3 /-</u>	<u>F02B 77 /-</u>	<u>F16L 21 /-</u>
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2019393838	2017262776	<u>D04H 13 /-</u>	<u>E21B 17 /-</u>	<u>F02M 37 /-</u>	<u>F21S 8 /-</u>
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<u>C12M 1 /-</u>	2016402370	2020283531	<u>E21B 43 /-</u>	<u>F03B 3 /-</u>	2021388402
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2018279247	2018329866 2022204448	G01R 35 /-	2021259286	G06K 19 /-	G08B 7 /-
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Applications Accepted - IPC Index cont'd

<u>H01Q 9 /-</u>		2020406229	<u>H04W 56 /-</u>
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<u>H01R 13 /-</u>	2021206865	<u>H04L 67 /-</u>	2022203008
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2021376534	<u>H02M 1 /-</u>	2023203182	2020354252
<u>H01R 9 /-</u>	2020441878	<u>H04L 9 /-</u>	2020379794
2018278163	<u>H02M 7 /-</u>	2020261982	2021258018
<u>H02H 5 /-</u>	2021206865	2021229241	<u>H04W 76 /-</u>
2022201925	2021216172	2022235545	2020305669
<u>H02H 7 /-</u>	<u>H02P 6 /-</u>	<u>H04M 1 /-</u>	<u>H04W 88 /-</u>
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<u>H02J 7 /-</u>	2022203015	2019383290	<u>H05K 7 /-</u>
2021258075	<u>H03J 3 /-</u>	<u>H04N 21 /-</u>	2021258075
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2021206865	2020203247	<u>H04R 25 /-</u>	
<u>H02K 15 /-</u>	<u>H04J 14 /-</u>	<u>H04R 9 /-</u>	
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<u>H02K 3 /-</u>	<u>H04L 49 /-</u>	2020247386	
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<u>H02K 35 /-</u>	<u>H04L 5 /-</u>	2021401999	
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<u>H02K 5 /-</u>	2018287868	2020280352	
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<u>H02K 7 /-</u>		2022203008	
2022203015			

Certified Innovation Patents**Name Index**

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

-
- (71) Apple Inc.
(11) AU-B-2022100166
(21) 2022100166 (22) 10.11.2022
(54) Watchbands with hook and loop fasteners
(51) Int. Cl.
A44C 5/20 (2006.01)
A44C 5/00 (2006.01)
(45) 06.07.2023
(62) 2020100243
(72) Shaffer, Benjamin A.; Hamada, Yoji;
Hatanaka, Motohide; Chen, Hsiang-Hung; Shiraishi, Eiryō
(74) FPA Patent Attorneys Pty Ltd

Numerical Index

2022100166 Apple Inc.

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A44C 5/-

2022100166

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Withdrawn

2016330006 **De La Rue International Limited** (CCL Secure Pty Ltd)

Patents Granted

Standard Patents

2016293373	2016293547	2016326609	2016341044
2016341198	2016342039	2016348439	2016359629
2016360902	2016370648	2016378646	2016379228
2016391069	2016421303	2016426605	2017201760
2017203732	2017204413	2017210671	2017217609
2017220399	2017237730	2017245687	2017246404
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2017264693	2017266686	2017266731	2017270131
2017283677	2017285772	2017286560	2017288910
2017291632	2017293129	2017306078	2017310218
2017318182	2017332702	2017345416	2017355449
2017360139	2017361125	2017374756	2017378393
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2017413264	2017425065	2017426300	2017430154
2018200588	2018201103	2018201266	2018201448
2018210544	2018216179	2018217241	2018217433
2018219405	2018220469	2018225355	2018230620
2018237807	2018241040	2018255269	2018268004
2018280745	2018285093	2018294635	2018296713
2018303790	2018306328	2018318700	2018319093
2018319215	2018319712	2018321548	2018321586
2018327171	2018355927	2018356458	2018358157
2018360871	2018371863	2018378042	2018379543
2018386184	2018388483	2018420409	2018443181
2018452059	2019201719	2019201756	2019205265
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2019231699	2019253285	2019261273	2019267223
2019268070	2019271129	2019271495	2019274655
2019299299	2019299533	2019299805	2019300933
2019304104	2019306315	2019316684	2019339334
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2019397742	2019399791	2019416427	2019416473
2019421670	2019428241	2019428297	2019435757
2019441034	2019441365	2019451025	2019452470
2019454278	2019459826	2019463840	2020201291
2020203191	2020204612	2020206782	2020208182
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2020283588	2020286330	2020294457	2020299378
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2020372906	2020422181	2021200316	2021200317
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2021201652	2021202064	2021202112	2021202168
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2021240287	2021240300	2021250964	2021254019

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Standard Patents

2021257953	2021257985	2021261900	2021266632
2021269161	2021273179	2021277598	2021277683
2021277732	2021279439	2021282495	2021290214
2021290267	2021290327	2021300284	2021313807
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2022203561	2022271497	2022275394	

Innovation Patents

2021107676	2023100045	2023100049	2023100050
2023100051	2023100052	2023100053	2023100054
2023100055			

Offer to Surrender

It is hereby notified that **Hansen Price Pty Ltd Unit 3 48 Hardey Road , Belmont WA 6104** , the Patentee of Patent 2022100174 dated 07.12.2022 for an invention titled ' Collapsible Mast' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2006236564	Clarus Therapeutics, Inc.	The patent has been assigned to Tolmar, Inc.
2007247826	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2008247300	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2008247301	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2008326425	Vyair Medical Consumables LLC	The patent has been assigned to SunMed Group Holdings, LLC
2009201574	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2009222428	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2010205412	AMS Technologies INT. (2012) Ltd	The patent has been assigned to UNISOL Membrane Technology (Xiamen) Co., Ltd
2010318561	Vyair Medical Consumables LLC	The patent has been assigned to SunMed Group Holdings, LLC
2010351080	Clarus Therapeutics, Inc.	The patent has been assigned to Tolmar, Inc.
2011201422	Clarus Therapeutics, Inc.	The patent has been assigned to Tolmar, Inc.
2011253887	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2011256909	Dynamite Services Pty Limited	The patent has been assigned to Games Lab Pty Limited
2013284264	Agrimarine Industries Inc.	The patent has been assigned to Agrimarine Holdings Inc.
2014232911	Clarus Therapeutics, Inc.	The patent has been assigned to Tolmar, Inc.
2014265072	Clarus Therapeutics, Inc.	The patent has been assigned to Tolmar, Inc.

Assignments Registered

- 2014277301 Nordic Aquafarms AS The patent has been assigned to **Nordic Aquafarms Europe AS**
- 2015101827 Foshan City Shunde Jutian Electric Appliance Co.,Ltd. The patent has been assigned to **Vita-Mix Management Corporation**
- 2015216615 SUEZ Groupe The patent has been assigned to **Suez International**
- 2015227520 Vyair Medical Consumables LLC The patent has been assigned to **SunMed Group Holdings, LLC**
- 2015293547 SUEZ Groupe The patent has been assigned to **Suez International**
- 2015293548 Suez Groupe The patent has been assigned to **Suez International**
- 2015305696 Clovis Oncology, Inc. The patent has been assigned to **pharma& Schweiz GmbH**
- 2015306681 Bigfoot Biomedical, Inc. The patent has been assigned to **Insulet Corporation**
- 2016208306 AMS Technologies INT. (2012) Ltd The patent has been assigned to **UNISOL Membrane Technology (Xiamen) Co., Ltd**
- 2016282080 Mackay Sim, Rodney The patent has been assigned to **WOODSTOCK PERCUSSION PTY LTD**
- 2016286280 Suez Groupe The patent has been assigned to **Suez International**
- 2016287383 Suez Groupe The patent has been assigned to **Suez International**
- 2016373312 SUEZ Groupe The patent has been assigned to **Suez International**
- 2017212589 Suez Groupe The patent has been assigned to **Suez International**
- 2017217619 Suez Groupe The patent has been assigned to **Suez International**
- 2019272064 Clovis Oncology, Inc. The patent has been assigned to **pharma& Schweiz GmbH**
- 2019329703 Hair Plus Health LLC The patent has been assigned to **Attain Health Inc.**
- 2022201597 Google LLC The patent has been assigned to **Aalyria Technologies, Inc.**

Mortgages Registered - Section 187, Reg. 19

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

- 2009290123 Carbon Revolution Limited (Newlight Capital LLC)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

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

- 2008249772 **Richter Gedeon Nyrt.**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

The earliest first regulatory approval date provided by the patentee 18 Nov 2020

For the goods REAGILA cariprazine

Address for service : Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

- 2017246554 **Loxo Oncology, Inc.**

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

For the goods VITRAKVI larotrectinib

Address for service : Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

- 2019204803 **BRISTOL-MYERS SQUIBB COMPANY**

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

For the goods OPDUALAG nivolumab

Address for service : AJ PARK GPO Box 2513 Sydney NSW 2001 AU

Extensions granted

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

- 2011253775 **Akarx, Inc.**

The earliest first regulatory approval date provided by the patentee 16 Jan 2023

For the goods DOPTelet avatrombopag (as maleate)

Extension of Term of patent pursuant to Section 77 expires on 08 Aug 2032

- 2013288641 **Roche Glycart AG**

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

For the goods VABYSMO faricimab

Extension of Term of patent pursuant to Section 77 expires on 08 Aug 2037

Corrigenda

In Vol 57 , No 24 , Page(s) 3539 under the heading **Applications Accepted - Name Index** Delete all reference to 2021215118.

In Vol 57 , No 24 , Page(s) 3548 under the heading **Applications Accepted - Name Index** Under the name Ophirex, Inc., Application No. 2017257185, under INID (54) correct the title to read Phospholipase A2 inhibitors for immediate treatment of venom toxicity that causes hemolysis, cerebral edema, and acute kidney injury

In Vol 57 , No 25 , Page(s) 3581 under the heading **Amendments - Amendments Made** Delete all reference to 2017267665.

Specifications Republished

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

- 2017257185 **Ophirex, Inc.**
 2017373828 **Fresenius Medical Care Deutschland GmbH**
 2018448263 **WISORIG TECHNOLOGIES PTE. LIMITED**

Specifications Republished

2020314346 South China University of Technology
2021327387 GENZYME CORPORATION
2021327861 BRIGHT PEAK THERAPEUTICS AG
2021331476 BRISTOL-MYERS SQUIBB COMPANY
2021331947 JOINT STOCK COMPANY "BIOCAD"
2021335027 QUELL THERAPEUTICS LIMITED
2021335406 DANMARKS TEKNISKE UNIVERSITET
2021341888 VASCULAR BIOGENICS LTD.
2021342525 BIOTHEUS INC.
2021342558 ALBERT EINSTEIN COLLEGE OF MEDICINE
2021344644 TANEA MEDICAL AB
2021344868 TOUCHLIGHT IP LIMITED
2021347690 TRISALUS LIFE SCIENCES, INC.
2021351512 THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

2021354760 BIOMARIN TECHNOLOGIES B.V.
2021355362 NEUEXCELL THERAPEUTICS INC.
2021355869 DSM AUSTRIA GMBH
2021357360 STADA ARZNEIMITTEL AG; XBRANE BIOPHARMA AB

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