



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

<u>ITEM</u>	<u>INID</u> <u>No.</u>
E) Patents Certified – Name Index	
The <u>name</u> of the applicant	(71)
The <u>number</u> of the accepted document	(10)
The <u>number</u> assigned to the application	(21)
The <u>date</u> of filing	(22)
The <u>title</u>	(54)
The <u>classification marks</u>	(51)
Priority document <u>number</u>	(31)
<u>Date</u> of filing of priority document(s)	(32)
<u>Country</u> in which priority document filed	(33)
Publication <u>date</u> of granted patent	(45)
<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 2 Apr 2024 .

(71) 2 DRBH Pty Limited (21) 2024900969 (22) 08.04.2024 (54) TURBO FLUID DISPENSING DEVICE	(71) Aztec Australasia Pty Ltd (21) 2024900939 (22) 05.04.2024 (54) ROOF VENT ASSEMBLY AND ROOF VENT	(71) Builditeco Holdings Pty Ltd (21) 2024900909 (22) 03.04.2024 (54) Building Panel Connecting System
Agarwal, P. see Fonesca, C. (21) 2024900917	(71) BAE SYSTEMS plc (21) 2024900991 (22) 09.04.2024 (54) A System and Method for Manufacturing Shells for a Ship	(71) Celalettin, M. (21) 2024900960 (22) 06.04.2024 (54) Smartphone security and privacy case. Semantic-Noise, Tele-Intrusion, Nonce And Low Contrast Anti-Surveillance Equipment (SENTINAL CASE)
(71) Algorae Pharmaceuticals Ltd. (21) 2024900956 (22) 05.04.2024 (54) Compositions and uses thereof - II	(71) batterham, a. (21) 2024900961 (22) 07.04.2024 (54) Ai ambiance emotional and structural and social science plus fractal energy science ionic science	(71) Chong, C.M. (21) 2024900970 (22) 08.04.2024 (54) IMPROVEMENTS IN HANDLING SOLAR CELLS
(71) Allen, G. (21) 2024900951 (22) 05.04.2024 (54) Moist heat therapy apparatus for the treatment of ocular surface disorders	(71) Blackmagic Design Pty Ltd (21) 2024900972 (22) 08.04.2024 (54) Encoding method and system	(71) COMPLETE CALIBRATION SERVICES PTY LTD (21) 2024900935 (22) 05.04.2024 (54) Process for Automated Equipment Outline Generation for Custom Foam Insert Manufacturing
(71) Amadeus S.A.S (21) 2024900994 (22) 09.04.2024 (54) Improved Touchpoint Device	(71) Blackmagic Design Pty Ltd (21) 2024900973 (22) 08.04.2024 (54) Image capture method and apparatus	(71) CSL Innovation Pty Ltd (21) 2024900957 (22) 05.04.2024 (54) Protein formulations and uses thereof
Atkinson, R. see The New Zealand Institute for Plant and Food Research Limited (21) 2024900937	(71) Blackmagic Design Pty Ltd (21) 2024900974 (22) 08.04.2024 (54) Reading and/or writing media files	(71) Cumpson, P. (21) 2024900918 (22) 04.04.2024 (54) Method for Improved Image Registration in Microscopy and Spectromicroscopy
(71) Audrey Clare Pty Ltd (21) 2024900927 (22) 04.04.2024 (54) Interchangeable connector system	(71) Blackmagic Design Pty Ltd (21) 2024900975 (22) 08.04.2024 (54) Media playout system and method	(71) Cumpson, P. (21) 2024900984 (22) 09.04.2024 (54) Method for drone navigation on the battlefield
(71) Australian Mitigation Engineering Developments Pty Ltd (21) 2024900923 (22) 04.04.2024 (54) A DRIVER WARNING SYSTEM FOR RAILWAY LEVEL CROSSINGS	(71) Blackmagic Design Pty Ltd (21) 2024900976 (22) 08.04.2024 (54) Multi#source play out methods and systems	(71) Curtin University (21) 2024900953 (22) 05.04.2024 (54) A PROCESS FOR RECOVERY OF PRECIOUS METALS FROM THIOSULFATE SOLUTIONS
(71) Australian Valve Group Pty Ltd. (21) 2024900966 (22) 08.04.2024 (54) Plumbing isolation assembly	Bourcier, W. see de Castro, I.A. (21) 2024900946	

Provisional Applications Filed - Name Index cont'd

(71) D'Angelo, C.; Forlani, R. (21) 2024900962 (22) 07.04.2024 (54) Portable exercise apparatus	(71) ENGLISH, D. (21) 2024900944 (22) 05.04.2024 (54) Wave engine assembly	(71) GSN Solutions Group Pty Ltd (21) 2024900940 (22) 05.04.2024 (54) A wall repair device and system
(71) de Castro, I.A.; McNicoll, C.; Bourcier, W. (21) 2024900946 (22) 05.04.2024 (54) PROCESS AND PRODUCT	(71) Equipment Placement Group Pty Ltd; FMA Industrial Chile S.A. (21) 2024900942 (22) 05.04.2024 (54) Mobile power supply nexus for industrial machinery	(71) Guillemin, G. (21) 2024900921 (22) 04.04.2024 (54) Combination therapeutic formulation
(71) Dixon Ritchie Intellectual Pty Ltd (21) 2024900997 (22) 09.04.2024 (54) Cyclodextrin-Based Self-Emulsifying Nutrient Delivery System for Encapsulating Epicatechin in Dietetic Nutritional Supplements	(71) Fisher & Paykel Healthcare Limited (21) 2024900978 (22) 08.04.2024 (54) PATIENT DATA TRANSMISSION METHOD AND SYSTEM	(71) HALTER USA INC (21) 2024900924 (22) 04.04.2024 (54) SYSTEM AND DEVICE FOR RELAYING WIRELESS MESSAGES
(71) DOTNDIS (21) 2024900959 (22) 06.04.2024 (54) Dotnet is a computer-based platform designed to enhance the quality of NDIS (National Disability Insurance Scheme) support and reduce the administrative costs for NDIS participants, as well as their formal and informal caregivers.	FMA Industrial Chile S.A. see Equipment Placement Group Pty Ltd (21) 2024900942	(71) Hill, G. (21) 2024900990 (22) 09.04.2024 (54) New type of guitar fretboard layout
(71) Dunbar, K. (21) 2024900919 (22) 04.04.2024 (54) A green process for the treatment of high-fibre foodstuffs	(71) Fonesca, C.; Agarwal, P.; Green, C.; TheiaNova Limited (21) 2024900917 (22) 03.04.2024 (54) OPTHALMIC METHODS	(71) Hope, S. (21) 2024900952 (22) 05.04.2024 (54) Graphical user interface system for complex data model configuration and analysis
(71) ELM Global PTE LTD (21) 2024900916 (22) 03.04.2024 (54) HOSE LOOM ASSEMBLY	Forlani, R. see D'Angelo, C. (21) 2024900962	(71) Hurst, G. (21) 2024900981 (22) 08.04.2024 (54) Heat exchanger and heat exchange member therefor
(71) EMvision Medical Devices Ltd (21) 2024900936 (22) 05.04.2024 (54) APPARATUS AND PROCESS FOR ELECTROMAGNETIC IMAGING	(71) Fort, B. (21) 2024900982 (22) 08.04.2024 (54) Portable motor bike wheel carrier	(71) Hybrid Freezer Systems Pty Ltd (21) 2024900926 (22) 04.04.2024 (54) Freezer Truck Power System
(71) Engas Pty Ltd (21) 2024900929 (22) 04.04.2024 (54) Refrigerant Composition (M20)	(71) Fortescue Ltd (21) 2024900971 (22) 08.04.2024 (54) Vessel	(71) Ivancic, I. (21) 2024901000 (22) 10.04.2024 (54) Turbo Toilet
(71) Engas Pty Ltd (21) 2024900930 (22) 04.04.2024 (54) Refrigerant Composition (M60)	(71) Fortescue Metals Group Ltd (21) 2024900954 (22) 05.04.2024 (54) SIMULATION AND MANAGEMENT OF ELECTRIC VEHICLE CHARGING INFRASTRUCTURE	(71) Kim, D. (21) 2024900965 (22) 08.04.2024 (54) Container based snake trap
(71) Engas Pty Ltd (21) 2024900931 (22) 04.04.2024 (54) Refrigerant Composition (M45)	Golovodovski, M. see Golovodovski, S. (21) 2024900988	(71) kumar, r. (21) 2024900928 (22) 04.04.2024 (54) Dual Quantum Encryption
(71) Engentus Pty Ltd (21) 2024900945 (22) 05.04.2024 (54) A SEGMENTED NUT	(71) Golovodovski, S.; Golovodovski, M. (21) 2024900988 (22) 09.04.2024 (54) Container and Method for Inhibiting Material entering a Drain	(71) Lam, T.T. (21) 2024900933 (22) 04.04.2024 (54) T-SHAPED STRUCTURES AND I-SHAPED STRUCTURES FOR WAVE ENERGY SYSTEMS
	(71) Gonzalez, M. (21) 2024900987 (22) 09.04.2024 (54) Apparatus for Carrying a Tool	(71) Lam, T.T. (21) 2024900934 (22) 04.04.2024 (54) SHELL-LIKE STRUCTURES AND WHEEL-LIKE STRUCTURES AND HUB-SUSPENDED STRUCTURES FOR WAVE ENERGY SYSTEMS
	Green, C. see Fonesca, C. (21) 2024900917	

Provisional Applications Filed - Name Index cont'd

(71) Lam, T.T.
(21) 2024900963 (22) 08.04.2024
(54) T-SHAPED STRUCTURES AND I-SHAPED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024900964 (22) 08.04.2024
(54) SHELL-LIKE STRUCTURES AND WHEEL-LIKE STRUCTURES AND HUB-SUSPENDED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lasserre, P.
(21) 2024900977 (22) 08.04.2024
(54) A vaping device inhibition control system

(71) Macdonald, J.
(21) 2024900915 (22) 03.04.2024
(54) An apparatus for wave and microbubble production for hull lubrication and albedo cooling

(71) Macquarie University
(21) 2024900908 (22) 03.04.2024
(54) Therapeutic peptides

(71) Marathon Industries Pty Ltd
(21) 2024900913 (22) 03.04.2024
(54) Closed loop hydrogen production, storage, and refuelling system to provide back up power to other renewable energy sources.

(71) Maxwell and Higgs Pty Ltd
(21) 2024900958 (22) 05.04.2024
(54) ULTRA LIGHT PROTECTION DEVICE FOR A TOWED VEHICLE

McNicoll, C. see de Castro, I.A.
(21) 2024900946

(71) MINETOMETAL PTY LTD
(21) 2024900967 (22) 08.04.2024
(54) Copper Oxide Production from Ore

(71) Mittag, M.
(21) 2024900980 (22) 08.04.2024
(54) Plectrum retaining ring

(71) Moroney, P.
(21) 2024900907 (22) 03.04.2024
(54) Watersport torch and coupling

(71) Morrison, M.
(21) 2024900906 (22) 03.04.2024
(54) Method and Apparatus for Producing a High-Quality Fertilizer from Leonardite

Brown Coal and Caffeine-Containing Organic Waste Materials

(71) Morrison, M.
(21) 2024900912 (22) 03.04.2024
(54) Method and Apparatus for Producing Densified Coal from Low-Rank Brown Coal

(71) North, W.
(21) 2024900947 (22) 05.04.2024
(54) An email client inbox user interface

(71) OCEAN LOGIC PTY LTD
(21) 2024900993 (22) 09.04.2024
(54) Variable Range, Variable Precision, Compressed, User Defined Numerical Data Formats for Machine Learning

(71) Owen, L.
(21) 2024900986 (22) 09.04.2024
(54) Nappy backpack hanging organiser

(71) Pinches Industries Pty Ltd
(21) 2024900968 (22) 08.04.2024
(54) IMPROVED DRYING SYSTEM AND METHOD

(71) Pulpz
(21) 2024900950 (22) 05.04.2024
(54) PH adjusted Dry Fluff Pulp Soilless Substrate for Soil, Mulch and Fertiliser Applications

(71) PYC Therapeutics Limited
(21) 2024900920 (22) 04.04.2024
(54) Advanced compositions and methods for treatment of kidney disease

ResMed Asia Pte. Ltd. see ResMed Pty Ltd
(21) 2024900914

(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
(21) 2024900914 (22) 03.04.2024
(54) Headgear Connector

(71) Santos, A.
(21) 2024900983 (22) 08.04.2024
(54) A trolley for transporting panels

(71) Scarmozzino, A.
(21) 2024900925 (22) 04.04.2024
(54) A grout tube for precast element construction assembly

(71) Sellers, B.
(21) 2024900922 (22) 04.04.2024
(54) Foldable rocking chair

(71) Shedden, J.
(21) 2024900943 (22) 05.04.2024
(54) A METHOD OF DESIGNING AN ENGINEERING MODEL FOR MANUFACTURING BUILDING TRUSSES AND FRAMES

(71) SMA Marketing Pty Ltd
(21) 2024900910 (22) 03.04.2024
(54) System and Method for Predicting the Maturity and Quality of Watermelons

(71) Spectainer Pty Ltd
(21) 2024900911 (22) 03.04.2024
(54) Collapsible pallet

(71) Swamy, R.
(21) 2024900932 (22) 04.04.2024
(54) Electronic shoe polisher

(71) TECHNOBAKE PTY LTD
(21) 2024900948 (22) 05.04.2024
(54) Method of Terminating and Sealing Teflon Tube

(71) TECHNOBAKE PTY LTD
(21) 2024900949 (22) 05.04.2024
(54) Method of detecting earth leakage using Tell-tale device

TheiaNova Limited see Fonesca, C.
(21) 2024900917

(71) The New Zealand Institute for Plant and Food Research Limited; Atkinson, R.; Yauk, Y.
(21) 2024900937 (22) 05.04.2024
(54) REDUCTASES, POLYNUCLEOTIDES ENCODING THESE AND METHODS OF USE

(71) The Roofing Centre Albury-Wodonga Pty Ltd
(21) 2024900938 (22) 05.04.2024
(54) A panel for use as a fascia or barge board

(71) Tojic, M.
(21) 2024900996 (22) 09.04.2024
(54) Bread Packaging

(71) University of South Australia
(21) 2024900992 (22) 09.04.2024
(54) TREATMENT OF KCNT1-RELATED DISORDERS

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(71) University of Wollongong
 (21) 2024900979 (22) 08.04.2024
 (54) MULTI-ENERGY SPECTRAL IMAGING
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(71) Vanaheimr Investments Pty Ltd
 (21) 2024900905 (22) 03.04.2024
 (54) FLAVOURED AND COLOURED
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 CING SAME

(71) Verma, A.
 (21) 2024900985 (22) 09.04.2024
 (54) A DEVICE, SYSTEM AND METHOD
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(71) Vivian, V.
 (21) 2024900989 (22) 09.04.2024
 (54) Novel addition to a ventilator for invas-
 ive mechanical ventilation and method
 of use thereof

(71) Western Australian Agriculture Authority
 (21) 2024900995 (22) 09.04.2024
 (54) Insect Trap

(71) Whalin, A.
 (21) 2024900955 (22) 05.04.2024
 (54) Process for levelling to specific gradi-
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(71) WIREMAN PTY LIMITED
 (21) 2024900941 (22) 05.04.2024
 (54) An Insulator Insertion System and
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 (21) 2024900937

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2024900905	Vanaheimr Investments Pty Ltd	2024900971	Fortescue Ltd
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2024900907	Moroney, P.	2024900973	Blackmagic Design Pty Ltd
2024900908	Macquarie University	2024900974	Blackmagic Design Pty Ltd
2024900909	Builditeco Holdings Pty Ltd	2024900975	Blackmagic Design Pty Ltd
2024900910	SMA Marketing Pty Ltd	2024900976	Blackmagic Design Pty Ltd
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2024900912	Morrison, M.	2024900978	Fisher & Paykel Healthcare Limited
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2024900925	Scarmozzino, A.	2024900991	BAE SYSTEMS plc
2024900926	Hybrid Freezer Systems Pty Ltd	2024900992	University of South Australia
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2024900928	kumar, r.	2024900994	Amadeus S.A.S
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2024900930	Engas Pty Ltd	2024900996	Tojic, M.
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2024900932	Swamy, R.	2024901000	Ivancic, I.
2024900933	Lam, T.T.		
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2024900935	COMPLETE CALIBRATION SERVICES PTY LTD		
2024900936	EMvision Medical Devices Ltd		
2024900937	The New Zealand Institute for Plant and Food Research Limited; Atkinson, R.; Yauk, Y.		
2024900938	The Roofing Centre Albury-Wodonga Pty Ltd		
2024900939	Aztec Australasia Pty Ltd		
2024900940	GSN Solutions Group Pty Ltd		
2024900941	WIREMAN PTY LIMITED		
2024900942	Equipment Placement Group Pty Ltd; FMA Industrial Chile S.A.		
2024900943	Shedden, J.		
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2024900952	Hope, S.		
2024900953	Curtin University		
2024900954	Fortescue Metals Group Ltd		
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2024900957	CSL Innovation Pty Ltd		
2024900958	Maxwell and Higgs Pty Ltd		
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2024900960	Celalettin, M.		
2024900961	batterham, a.		
2024900962	D'Angelo, C.; Forlani, R.		
2024900963	Lam, T.T.		
2024900964	Lam, T.T.		
2024900965	Kim, D.		
2024900966	Australian Valve Group Pty Ltd.		
2024900967	MINETOMETAL PTY LTD		
2024900968	Pinches Industries Pty Ltd		
2024900969	2 DRBH Pty Limited		
2024900970	Chong, C.M.		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Apr 2024 .

. (*) Title not in Roman characters

. (**) Title not given

(71) ZMT Mining Products Pty Ltd (21) 2024202175 (22) 04.04.2024 (54) PROTECTION SYSTEMS	(71) Avent Investment, LLC (21) 2024202226 (22) 07.04.2024 (54) DEVICE AND METHOD TO SELECTIVELY AND REVERSIBLY MODULATE A NERVOUS SYSTEM STRUCTURE TO INHIBIT THE PERCEPTION OF PAIN	(71) Canon Kabushiki Kaisha (21) 2024202212 (22) 05.04.2024 (54) Method, apparatus and system for encoding and decoding a plurality of tensors
(71) ZWP International Pty Ltd (21) 2024202258 (22) 08.04.2024 (54) Sharpening device	(71) Avery Dennison Retail Information Services LLC (21) 2024202193 (22) 05.04.2024 (54) Shopping cart/basket reader systems and methods	(71) Carbon Link Limited (21) 2024202270 (22) 09.04.2024 (54) System and method for soil analysis
(71) 34MJ Pty Ltd (21) 2024202197 (22) 05.04.2024 (54) A SYSTEM FOR PRODUCING BIODIESEL	(71) Axogen Corporation (21) 2024202180 (22) 04.04.2024 (54) Tissue repair membrane adapted for adhesion and lubrication, and methods for preparing the same	(71) Carnegie Mellon University (21) 2024202232 (22) 08.04.2024 (54) ADDITIVE MANUFACTURING BASED ON FLUID-FLUID INTERFACE
(71) ADOC SSF, LLC (21) 2024202172 (22) 04.04.2024 (54) PEPTIDE-MHC COMPACTS	(71) Barrett Firearms Manufacturing, Inc. (21) 2024202206 (22) 05.04.2024 (54) FIREARM	(71) Caterpillar Inc. (21) 2024202219 (22) 05.04.2024 (54) Winged sprocket segments with notches
(71) Alroy, B. (21) 2024202223 (22) 05.04.2024 (54) EOL Pavement Module	(71) Becton, Dickinson and Company (21) 2024202151 (22) 04.04.2024 (54) Timeline system for monitoring a culture media protocol	(71) CATERPILLAR INC. (21) 2024202199 (22) 05.04.2024 (54) WINCH ASSEMBLY WITH STEPPED BORES
(71) Angel Group Co., Ltd. (21) 2024202228 (22) 07.04.2024 (54) FRAUD DETECTION SYSTEM IN CASINO	(71) Becton, Dickinson and Company (21) 2024202224 (22) 06.04.2024 (54) DISINFECTANT CAP	(71) CBRE, Inc. (21) 2024202152 (22) 04.04.2024 (54) System and method for forecasting real estate solutions
(71) Apple Inc. (21) 2024202163 (22) 04.04.2024 (54) Devices, methods, and graphical user interfaces for interacting with three-dimensional environments	BEIJING WANTAI BIOLOGICAL PHARMACY ENTERPRISE CO., LTD. see Xiamen University (21) 2024202271	(71) CFPH, L.L.C. (21) 2024202141 (22) 03.04.2024 (54) Apparatus, article of manufacture and methods for purchasing arbitrage
(71) ASSA ABLOY Australia Pty Limited (21) 2024202218 (22) 05.04.2024 (54) POWER MANAGEMENT SYSTEM AND METHOD FOR LOCK ASSEMBLIES	(71) Biocompatibles UK Limited; Ramadhani, S.; Kveen, G.; Natesan, H. (21) 2024202153 (22) 04.04.2024 (54) Flexible cryoprobe	(71) Colgate-Palmolive Company (21) 2024202181 (22) 04.04.2024 (54) Viscosity stable SLS free toothpastes containing zinc compounds and arginine
(71) Atopic Medical, Inc. (21) 2024202250 (22) 08.04.2024 (54) Compositions and methods for treating and ameliorating respiratory conditions and inflammation of mucosa	(71) Boldan OY (21) 2024202289 (22) 10.04.2024 (54) A rotatable grinding tool	(71) ConforMIS, Inc. (21) 2024202202 (22) 05.04.2024 (54) Patient selectable joint arthroplasty devices and surgical tools
(71) Austral Clothes Hoists Pty Ltd (21) 2024202287 (22) 10.04.2024 (54) FOLDABLE CLOTHES DRYING APPARATUS	(71) Brunswick Corporation (21) 2024202244 (22) 08.04.2024 (54) Livewell system	(71) CORBETT, M. (21) 2024202133 (22) 03.04.2024 (54) Wheelchair Gate Access Mechanism

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(71) Crown Equipment Corporation (21) 2024202265 (22) 09.04.2024 (54) Materials handling vehicle and goods storage and retrieval system comprising mobile storage carts, transporters, and materials handling vehicles	(71) Element Biosciences, Inc. (21) 2024202272 (22) 09.04.2024 (54) Nucleic acid hybridization methods	(71) Fontaine Modification Company (21) 2024202121 (22) 03.04.2024 (54) Load equalizer assembly for tandem steer suspension
(71) CRRC Qishuyan Institute Co., Ltd. (21) 2024202135 (22) 03.04.2024 (54) WHEEL DRIVE SYSTEM	(71) EmendoBio Inc. (21) 2024202171 (22) 04.04.2024 (54) Novel OMNI-50 CRISPR nuclease	(71) Fox Sports Productions, LLC (21) 2024202174 (22) 04.04.2024 (54) Selective capture and presentation of native image portions
(71) CSR Building Products Limited (21) 2024202203 (22) 05.04.2024 (54) Extended Length Panels	(71) Emory University (21) 2024202195 (22) 05.04.2024 (54) Chemokine CXCR4 receptor modulators and uses related thereto	(71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V. (21) 2024202169 (22) 04.04.2024 (54) Loudness control for user interactivity in audio coding systems
(71) DataInfoCom USA, Inc. (21) 2024202124 (22) 03.04.2024 (54) SYSTEMS AND METHODS FOR PROCESSING CLAIMS	(71) EquipmentShare.com Inc. (21) 2024202259 (22) 09.04.2024 (54) System and method for autonomous operation of a machine	(71) Gekko Systems Pty Ltd (21) 2024202182 (22) 04.04.2024 (54) A Sensor System
(71) DataInfoCom USA, Inc. (21) 2024202125 (22) 03.04.2024 (54) SYSTEMS AND METHODS FOR PROCESSING CLAIMS	(71) EquipmentShare.com Inc. (21) 2024202260 (22) 09.04.2024 (54) System and method for autonomous operation of a machine	(71) Grail, LLC (21) 2024202146 (22) 03.04.2024 (54) METHODS OF IDENTIFYING SOMATIC MUTATIONAL SIGNATURES FOR EARLY CANCER DETECTION
(71) DePuy Synthes Products, Inc. (21) 2024202243 (22) 08.04.2024 (54) Bone plate with form-fitting variable-angle locking hole	(71) EquipmentShare.com Inc. (21) 2024202261 (22) 09.04.2024 (54) System and method for autonomous operation of a machine	(71) Grand Performance Online Pty Ltd (21) 2024202217 (22) 05.04.2024 (54) A computer-enabled method, system and computer program for dynamically altering constraints utilised in the management of a space, furniture, equipment or service
(71) DermR Health Solutions Pty Ltd (21) 2024202242 (22) 08.04.2024 (54) MINIMALLY INVASIVE SKIN SAMPLE COLLECTION APPARATUS	(71) EquipmentShare.com Inc. (21) 2024202262 (22) 09.04.2024 (54) System and method for autonomous operation of a machine	(71) Grand Performance Online Pty Ltd (21) 2024202222 (22) 05.04.2024 (54) A computer-enabled method, system and computer program for providing an intuitive user interface arranged to create a dynamic floor plan utilisable by an allocation algorithm to perform the task of allocating a space, furniture, equipment or service
(71) Dexcom, Inc. (21) 2024202185 (22) 04.04.2024 (54) Continuous analyte monitoring system power conservation	(71) ExsoMed Corporation (21) 2024202213 (22) 05.04.2024 (54) METHODS FOR DRILLING-GUIDEWIRE TARGETING OF CANNULATED DEVICES	(71) Hanshow Technology Co., Ltd. (21) 2024202281 (22) 10.04.2024 (54) Communication method of electronic shelf label system, system, computer device and storage medium
(71) Dignity Health (21) 2024202139 (22) 03.04.2024 (54) Novel treatment for hot flushes	(71) Filip Sedic (21) 2024202123 (22) 03.04.2024 (54) Skin cleanser	(71) Heat Biologics, Inc. (21) 2024202253 (22) 08.04.2024 (54) Compositions and methods for adjoining type i and type ii extracellular domains as heterologous chimeric proteins
(71) Dongguan Polyfilm Plastic Company Limited (21) 2024202130 (22) 03.04.2024 (54) Connecting member, connecting pipe structure and detachable frame	(71) Fisher & Paykel Healthcare Limited (21) 2024202127 (22) 03.04.2024 (54) A Humidification Device and System	(71) Hiroshima University; Kyushu University, National University Corporation (21) 2024202150 (22) 04.04.2024 (54) DNA-BINDING PROTEIN USING PPR MOTIF, AND USE THEREOF
(71) Dunstan, J. (21) 2024202177 (22) 04.04.2024 (54) Reel system for ratchet devices	(71) FLEXOPTIX GMBH (21) 2024202266 (22) 09.04.2024 (54) Transceiver interface and transceiver system	
(71) Dupont Industrial BioSciences USA, LLC (21) 2024202161 (22) 04.04.2024 (54) PROCESS FOR PREPARING POLY(ALKYLENE FURANDI-CARBOXYLATE)	(71) FMP Group (Australia) Pty Limited (21) 2024202276 (22) 09.04.2024 (54) Disc brake rotor wear indicator	

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(71) HOWMEDICA OSTEONICS CORP.
(21) 2024202154 (22) 04.04.2024
(54) BONE IMPLANT SHELL WITH MULTIPLE FIXATION OPTIONS

Humabs Biomed SA see MedImmune, LLC
(21) 2024202231

(71) Hunter Douglas Industries B.V.
(21) 2024202207 (22) 05.04.2024
(54) Mounting element for mounting an architectural covering between opposing mounting surfaces

(71) Idemia Identity & Security France
(21) 2024202204 (22) 05.04.2024
(54) A method for securing an access to a location using a gate system and an overhead sensor

(71) IGT
(21) 2024202196 (22) 05.04.2024
(54) Partial Gamble Feature for a Wagering Game

(71) IGT
(21) 2024202245 (22) 08.04.2024
(54) Bonus Game for a Wagering Game with a Perceived Persistence Game Feature

(71) INCREDO LTD
(21) 2024202214 (22) 05.04.2024
(54) SWEETENER FORMULATIONS

(71) Institute of Cotton Research of CAAS
(21) 2024202145 (22) 03.04.2024
(54) DETECTION DEVICE AND DETECTION METHOD OF MACHINE-PICKED SEED COTTON DEFECTS BASED ON DEEP LEARNING

(71) Insulet Corporation
(21) 2024202189 (22) 05.04.2024
(54) Blood glucose rate of change modulation of meal and correction insulin bolus quantity

(71) Intarcia Therapeutics, Inc.
(21) 2024202155 (22) 04.04.2024
(54) Glucagon-Receptor Selective Polypeptides And Methods Of Use Thereof

(71) Intuit, Inc.
(21) 2024202210 (22) 05.04.2024
(54) Session-aware intelligent virtual assistant

(71) Ischemix LLC
(21) 2024202147 (22) 03.04.2024
(54) COMPOSITIONS AND METHODS FOR TREATING TRAUMATIC BRAIN INJURY

(71) Janssen Biotech, Inc.
(21) 2024202215 (22) 05.04.2024
(54) Anti-CD38 antibodies for treatment of acute lymphoblastic leukemia

(71) Jenkins III, A.
(21) 2024202184 (22) 04.04.2024
(54) Laminoplasty Implant and Method of Use

(71) Juno Therapeutics, Inc.
(21) 2024202225 (22) 07.04.2024
(54) Methods and compositions for adoptive cell therapy

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(21) 2024202153

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(21) 2024202150

(71) L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
(21) 2024202230 (22) 08.04.2024
(54) INHALED NO FOR TREATING AN ADULT PATIENT WITH SEVERE ARDS

(71) Lakewood Amedex, Inc.
(21) 2024202211 (22) 05.04.2024
(54) Bisphosphocin gel formulations and uses thereof

(71) Lam, T.T.
(21) 2024202235 (22) 08.04.2024
(54) T-SHAPED STRUCTURES AND I-SHAPED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024202236 (22) 08.04.2024
(54) SHELL-LIKE STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024202237 (22) 08.04.2024
(54) SPOKE-BASED HUB-SUSPENDED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
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(54) SHELL-BASED HUB-SUSPENDED STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024202239 (22) 08.04.2024
(54) SPOKE-BASED WHEEL-LIKE STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
(21) 2024202240 (22) 08.04.2024
(54) SHELL-BASED WHEEL-LIKE STRUCTURES FOR WAVE ENERGY SYSTEMS

(71) Lam, T.T.
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(54) FRAMED-SHELL 3D STRUCTURE-BASED WAVE ENERGY SYSTEMS

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(71) Leica Biosystems Imaging, Inc.
(21) 2024202198 (22) 05.04.2024
(54) Real-time autofocus focusing algorithm

(71) LG Electronics Inc.
(21) 2024202143 (22) 03.04.2024
(54) Transform-based method for coding image, and device therefor

(71) LG Electronics Inc.
(21) 2024202188 (22) 05.04.2024
(54) Method for coding transform coefficient on basis of high frequency zeroing and apparatus therefor

(71) LG Electronics Inc.
(21) 2024202248 (22) 08.04.2024
(54) Image/video coding method and apparatus on basis of picture division structure

(71) LG Electronics Inc.
(21) 2024202277 (22) 10.04.2024
(54) APPARATUS AND METHOD FOR IMAGE CODING BASED ON FILTERING

(71) LG Electronics Inc.
(21) 2024202278 (22) 10.04.2024
(54) Apparatus and method for coding image

(71) LOCKHEED MARTIN CORPORATION
(21) 2024202159 (22) 04.04.2024
(54) UNMANNED AERIAL VEHICLE WING PYLON SYSTEM

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(21) 2024202129

(71) Manitou Italia S.r.l.
(21) 2024202131 (22) 03.04.2024
(54) Telescopic arm for self-propelled operating machines

(71) Mazzer Luigi S.p.A.
(21) 2024202256 (22) 08.04.2024
(54) COFFEE GRINDER-DOSER PROVIDED WITH AN AUTOMATIC ACTUATOR FOR REGULATING THE GRINDING GRANULOMETRY AND REGULATING METHOD THEREOF

(71) McNamara, G.
(21) 2024202229 (22) 07.04.2024
(54) Wing Tilting/ Folding Mechanism and Wave Energy Convertor

(71) MedImmune, LLC; Humabs Biomed SA
(21) 2024202231 (22) 08.04.2024
(54) NEUTRALIZING ANTI-INFLUENZA B ANTIBODIES AND USES THEREOF

(71) Meso Scale Technologies, LLC
(21) 2024202252 (22) 08.04.2024
(54) High Throughput System for Performing Assays Using Electrochemiluminescence Including A Consumable Shaking Apparatus

(71) Myota, Inc.
(21) 2024202176 (22) 04.04.2024
(54) Method And System For Distributed Data Storage With Enhanced Security, Resilience, And Control

(71) Nanfang Hospital, Southern Medical University
(21) 2024202220 (22) 05.04.2024
(54) LACTICASEIBACILLUS RHAMNOSUS DY801 AND APPLICATION THEREOF

Natesan, H. see Biocompatibles UK Limited
(21) 2024202153

(71) NEXTracker Inc.
(21) 2024202149 (22) 04.04.2024
(54) BATTERY MANAGEMENT ARCHITECTURES FOR FLOW BATTERIES

(71) Nomad Tackle Pty Ltd
(21) 2024202255 (22) 08.04.2024
(54) FISHING LURE

(71) NORITZ CORPORATION
(21) 2024202191 (22) 05.04.2024
(54) HOT WATER SUPPLY SYSTEM

(71) NORITZ CORPORATION
(21) 2024202192 (22) 05.04.2024
(54) HOT WATER SUPPLY SYSTEM

(71) Novartis AG
(21) 2024202170 (22) 04.04.2024
(54) Use of an anti-P-selectin antibody

(71) Novartis AG
(21) 2024202263 (22) 09.04.2024
(54) Antibodies to PMEL17 and conjugates thereof

(71) NOVARTIS AG
(21) 2024202254 (22) 08.04.2024
(54) Antibody drug conjugates and methods for making thereof

(71) Nuomad Ltd
(21) 2024202179 (22) 04.04.2024
(54) DIGITAL SYSTEM, A DIGITAL PLATFORM AND/OR METHOD OF USE THEREOF

(71) OLIVER DESIGN CO. PTY LTD
(21) 2024202187 (22) 04.04.2024
(54) AN IMPROVED AUTOMOTIVE NUMBER PLATE MOUNTING BRACKET

(71) Orica International Pte Ltd
(21) 2024202165 (22) 04.04.2024
(54) A wireless initiation device

(71) Pham, D.
(21) 2024202273 (22) 09.04.2024
(54) Automation Process for Supplying Household Consumables with Smart Storage System

(71) Power Distribution, Inc.
(21) 2024202201 (22) 05.04.2024
(54) UNIVERSAL TAP-OFF BOX

(71) PRECISION ETCH
(21) 2024202227 (22) 07.04.2024
(54) STUBBY COOLER ADAPTER FOR "YETI COLSTERS"

(71) Proprio, Inc.
(21) 2024202120 (22) 03.04.2024
(54) Methods and systems for augmenting depth data from a depth sensor, such as with data from a multiview camera system

(71) Prysman S.p.A.
(21) 2024202168 (22) 04.04.2024
(54) Low-smoke, flame-retardant data communication cables

(71) Quantum Nanostim LLC
(21) 2024202249 (22) 08.04.2024
(54) Device for, and method of, neuromodulation with closed-loop micromagnetic hybrid waveforms to relieve pain

Ramadhyan, S. see Biocompatibles UK Limited
(21) 2024202153

(71) Randall F. Lee; LEE, I.
(21) 2024202186 (22) 04.04.2024
(54) SYSTEM AND METHOD FOR A MEDICAL IMPLANT WITH INTEGRATED PROPULSORS

(71) RSD Holdings Limited
(21) 2024202200 (22) 05.04.2024
(54) METHOD OF STABILISING NON-WOVEN FIBRES AND REUSABLE MOISTURE ABSORBING ARTICLES

(71) Ryan, R.
(21) 2024202257 (22) 08.04.2024
(54) DYYLD Automates publishing splits between collaborators working on a piece of music.

Sage Therapeutics, Inc. see Washington University
(21) 2024202233

(71) Samsung Electronics Co., Ltd.
(21) 2024202190 (22) 05.04.2024
(54) METHOD FOR ENCODING AND DECODING MOTION INFORMATION AND DEVICE FOR ENCODING AND DECODING MOTION INFORMATION

(71) Seminis Vegetable Seeds, Inc.
(21) 2024202194 (22) 05.04.2024
(54) Spinach line MSA-S021-1336M

(71) Sigma-Aldrich Co. LLC
(21) 2024202158 (22) 04.04.2024
(54) ENGINEERED CAS9 SYSTEMS FOR EUKARYOTIC GENOME MODIFICATION

(71) Sigma-Aldrich Co. LLC.
(21) 2024202275 (22) 09.04.2024
(54) CRISPR/CAS FUSION PROTEINS AND SYSTEMS

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(71) Smith & Nephew plc
(21) 2024202208 (22) 05.04.2024
(54) Negative pressure wound therapy system using eulerian video magnification

(71) Sonde Health, Inc.
(21) 2024202039 (22) 28.03.2024
(54) System and method for activation and deactivation of cued health assessment

(71) Sony Group Corporation
(21) 2024202205 (22) 05.04.2024
(54) Ultra bright dimeric or polymeric dyes with spacing linker groups

(71) SOUTH COUNTRY EQUIPMENT LTD.
(21) 2024202216 (22) 05.04.2024
(54) USING HISTORICAL PLANT-AVAILABLE WATER METRICS TO FORECAST CROP YIELD

(71) Sterlite Technologies Limited
(21) 2024202162 (22) 04.04.2024
(54) OPTICAL FIBER CABLE WITH A REDUCED DIAMETER

(71) Stryker Corporation
(21) 2024202264 (22) 09.04.2024
(54) Manifold for a medical/surgical waste collection system with a material collection volume for collecting material entrained within fluid

(71) TANAR CORP.
(21) 2024202122 (22) 03.04.2024
(54) COMPUTER-IMPLEMENTED VISUAL QUERY MATCHING METHODS, AND SYSTEMS FOR IMPLEMENTING THEREOF

(71) Tattlidil, E.
(21) 2024202164 (22) 04.04.2024
(54) Rodent activity monitoring system

(71) Tau Motors, Inc.
(21) 2024202269 (22) 09.04.2024
(54) ELECTRIC MOTORS

(71) Techtronic Cordless GP
(21) 2024202128 (22) 03.04.2024
(54) Rotor and electric motor assembly

(71) Techtronic Cordless GP
(21) 2024202268 (22) 09.04.2024
(54) Chainsaw and drive system therefor

(71) Techtronic Cordless GP
(21) 2024202283 (22) 10.04.2024
(54) Battery pack

(71) Telesat Canada
(21) 2024202166 (22) 04.04.2024
(54) Dual LEO satellite system and method for global coverage

(71) The Boeing Company
(21) 2024202142 (22) 03.04.2024
(54) Spacer tools for aircraft engine assemblies, aircraft engine assemblies with spacer tools, and related methods

(71) The Chamberlain Group LLC
(21) 2024202144 (22) 03.04.2024
(54) Movable barrier operator having updatable security protocol

(71) The Council of the Queensland Institute of Medical Research
(21) 2024202148 (22) 03.04.2024
(54) DETERMINING A CANCER PROGNOSIS

(71) The Gillette Company LLC
(21) 2024202234 (22) 08.04.2024
(54) Manual oral care implement

(71) THEPOWERTOOL PTY LTD
(21) 2024202209 (22) 05.04.2024
(54) System of standardized API Interpretation for Inter Application Communication

(71) The University of Sheffield
(21) 2024202247 (22) 08.04.2024
(54) Antimicrobial agent

(71) Tompkins Robotics, Inc.
(21) 2024202140 (22) 03.04.2024
(54) ARTICLE SORTING SYSTEM AND METHOD

(71) TransMedics, Inc
(21) 2024202274 (22) 09.04.2024
(54) Aortic cannula for ex vivo organ care system

(71) Tyagi, S.
(21) 2024202267 (22) 09.04.2024
(54) SURFACE MODIFICATION CONTROL STATIONS AND METHODS IN A GLOBALLY DISTRIBUTED ARRAY FOR DYNAMICALLY ADJUSTING THE ATMOSPHERIC, TERRESTRIAL AND OCEANIC PROPERTIES

UCL Business LTD see Vitaflo International Ltd
(21) 2024202292

(71) Unison Industries, LLC
(21) 2024202160 (22) 04.04.2024
(54) AIR TURBINE STARTER WITH DECOUPLER

(71) Vacrest Pty Ltd
(21) 2024202173 (22) 04.04.2024
(54) Composition, Method and System for Stabilising a Rock Mass

(71) VEREVAS, INC.
(21) 2024202251 (22) 08.04.2024
(54) Coronavirus Point-of-Care Agglutination Assay

(71) Verisure Sàrl
(21) 2024202157 (22) 04.04.2024
(54) A security monitoring system

(71) Visterra, Inc.
(21) 2024202246 (22) 08.04.2024
(54) FORMULATIONS OF ANTIBODY MOLECULES TO INFLUENZA VIRUS

(71) Vitaflo International Ltd; UCL Business LTD
(21) 2024202292 (22) 10.04.2024
(54) Composition for use in the treatment of epilepsy

(71) W. L. Gore & Associates, Inc.
(21) 2024202132 (22) 03.04.2024
(54) Wires of nickel-titanium alloy and methods of forming the same

(71) W. L. Gore & Associates, Inc.
(21) 2024202134 (22) 03.04.2024
(54) Wires of superelastic nickel-titanium alloy and methods of forming the same

(71) Walker, C.; Lucke, T.
(21) 2024202129 (22) 03.04.2024
(54) MODULAR FLOATING STRUCTURE

(71) Washington University; Sage Therapeutics, Inc.
(21) 2024202233 (22) 08.04.2024
(54) Neuroactive 19-alkoxy-17-substituted steroids, prodrugs thereof, and methods of treatment using same

(71) Wing Acoustics Limited
(21) 2024202126 (22) 03.04.2024
(54) IMPROVEMENTS IN OR RELATING TO AUDIO TRANSDUCERS

(71) Wing Aviation LLC
(21) 2024202156 (22) 04.04.2024

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(54) A backup navigation system for unmanned aerial vehicles

Xiamen Innodx Biotech Co., Ltd see Xiamen University

(21) 2024202271

(71) Xiamen University; Xiamen Innodx Biotech Co., Ltd; BEIJING WANTAI BIOLOGICAL PHARMACY ENTERPRISE CO., LTD.

(21) 2024202271 (22) 09.04.2024

(54) Polypeptide encoded by EB virus BNLF2b gene and use thereof in detection

(71) YETI Coolers, LLC

(21) 2024202167 (22) 04.04.2024

(54) Insulating container having vacuum insulated panels and method

(71) YGCC Holdings Pty Ltd

(21) 2024202183 (22) 04.04.2024

(54) APPARATUS FOR USE IN UNPACKING SHIPPING CONTAINERS

(71) Ypsomed AG

(21) 2024202178 (22) 04.04.2024

(54) Closed loop control of physiological glucose

(71) Zhejiang Jinko Solar Co., Ltd.

(21) 2024202221 (22) 05.04.2024

(54) SOLAR CELL AND METHOD FOR PREPARING THE SAME, TANDEM SOLAR CELL, AND PHOTOVOLTAIC MODULE

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2024202147	Ischemix LLC	2024202211	Lakewood Amedex, Inc.
2024202148	The Council of the Queensland Institute of Medical Research	2024202212	Canon Kabushiki Kaisha
2024202149	NEXTracker Inc.	2024202213	ExsoMed Corporation
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2024202163	Apple Inc.	2024202227	PRECISION ETCH
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2024202165	Orica International Pte Ltd	2024202229	McNamara, G.
2024202166	Telesat Canada	2024202230	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
2024202167	YETI Coolers, LLC	2024202231	MedImmune, LLC; Humabs Biomed SA
2024202168	Prysmian S.p.A.	2024202232	Carnegie Mellon University
2024202169	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2024202233	Washington University; Sage Therapeutics, Inc.
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2024202171	EmendoBio Inc.	2024202235	Lam, T.T.
2024202172	ADOC SSF, LLC	2024202236	Lam, T.T.
2024202173	Vacrest Pty Ltd	2024202237	Lam, T.T.
2024202174	Fox Sports Productions, LLC	2024202238	Lam, T.T.
2024202175	2MT Mining Products Pty Ltd	2024202239	Lam, T.T.
2024202176	Myota, Inc.	2024202240	Lam, T.T.
2024202177	Dunstan, J.	2024202241	Lam, T.T.
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		2024202251	VEREVAS, INC.
		2024202252	Meso Scale Technologies, LLC

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2024202254 NOVARTIS AG
2024202255 Nomad Tackle Pty Ltd
2024202256 Mazzer Luigi S.p.A.
2024202257 Ryan, R.
2024202258 2WP International Pty Ltd
2024202259 EquipmentShare.com Inc.
2024202260 EquipmentShare.com Inc.
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2024202264 Stryker Corporation
2024202265 Crown Equipment Corporation
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2024202268 Techtronic Cordless GP
2024202269 Tau Motors, Inc.
2024202270 Carbon Link Limited
2024202271 Xiamen University; Xiamen Innodx Biotech Co., Ltd;
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2024202272 Element Biosciences, Inc.
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2024202274 TransMedics, Inc
2024202275 Sigma-Aldrich Co. LLC.
2024202276 FMP Group (Australia) Pty Limited
2024202277 LG Electronics Inc.
2024202278 LG Electronics Inc.
2024202281 Hanshow Technology Co., Ltd.
2024202283 Techtronic Cordless GP
2024202287 Austral Clothes Hoists Pty Ltd
2024202289 Boldan OY
2024202292 Vitaflo International Ltd; UCL Business LTD

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

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			2020260110 (1B)	2020260177 (1B)	2020260273 (1B)
2017			2020260339 (1B)	2020281035 (14)	2020319236 (5C)
2017101293 (22G)	2017101360 (22E)	2017201585 (14)	2020321129 (5C)	2020337449 (5C)	2020347608 (5C)
2017202449 (5C)	2017203839 (14)	2017232154 (4C)	2020359460 (5C)	2020360433 (5C)	2020375550 (5C)
2017232169 (14)	2017232185 (14)	2017232204 (4C)	2020397912 (5C)		
2017232222 (14)	2017232224 (4C)	2017232238 (14)	2021		
2017235545 (5C)	2017236050 (14)	2017301881 (5C)	2021102191 (21F)	2021107571 (22)	2021107592 (22)
2017329957 (14)	2017330298 (14)	2017330304 (4C)	2021107593 (22)	2021202660 (14)	2021202661 (14)
2017330341 (14)	2017330448 (14)	2017330454 (14)	2021202664 (14)	2021202666 (14)	2021203675 (4C)
2017331275 (4C)	2017331591 (14)	2017331739 (4C)	2021217948 (5C)	2021225837 (5C)	2021235563 (5C)
2017332358 (14)	2017332868 (14)	2017334746 (14)	2021235894 (5C)	2021236574 (5C)	2021245104 (4C)
2017336692 (14)	2017338017 (14)	2017339696 (14)	2021250834 (4C)	2021251178 (25D)	2021254594 (5C)
2017340550 (14)	2017348878 (4C)	2017354716 (5C)	2021266281 (5C)	2021269324 (4C)	2021273547 (5C)
2017367695 (5C)	2017376960 (25D)	2017379159 (14)	2021273634 (14)	2021273635 (14)	2021277699 (5C)
2017402943 (14)	2017408873 (5C)	2017433747 (4C)	2021277744 (5C)	2021280830 (5C)	2021335236 (5C)
2018			2022		
2018100641 (22G)	2018101443 (22E)	2018101787 (22)	2022200062 (5C)	2022200147 (5C)	2022200354 (5C)
2018101788 (22)	2018202358 (5C)	2018203108 (5C)	2022200390 (5C)	2022200506 (5C)	2022200555 (4C)
2018203958 (14)	2018203960 (14)	2018204718 (5C)	2022200606 (4C)	2022200671 (5C)	2022200726 (5C)
2018212909 (25D)	2018213379 (5C)	2018214059 (14)	2022200727 (5C)	2022200821 (5C)	2022201034 (5C)
2018220635 (5C)	2018229085 (5C)	2018232967 (4C)	2022201124 (4C)	2022201320 (5C)	2022201707 (5C)
2018233052 (4C)	2018236220 (5C)	2018236697 (14)	2022201988 (5C)	2022202050 (5C)	2022202680 (5C)
2018260547 (5C)	2018265371 (5C)	2018265768 (5C)	2022202837 (5C)	2022204536 (25D)	2022204791 (5C)
2018266730 (5C)	2018267669 (14)	2018268369 (5C)	2022211872 (5C)	2022218617 (4C)	2022221381 (25D)
2018271863 (5C)	2018275364 (5C)	2018276339 (5C)	2023		
2018280244 (5C)	2018282160 (5C)	2018285963 (5C)	2023200399 (5C)	2023200630 (5CN)	2023248211 (12AN)
2018290347 (25D)	2018330610 (5C)	2018335252 (4C)	2023274095 (12C)		
2018335390 (14)	2018335959 (4C)	2018336082 (14)	2024		
2018337066 (4C)	2018337451 (14)	2018337452 (14)	2024200507 (7AN)	2024900857 (12AN)	
2018337453 (14)	2018337454 (14)	2018337670 (4C)			
2018337806 (4C)	2018337815 (5C)	2018338222 (4C)			
2018339528 (4C)	2018340283 (4C)	2018340420 (4C)			

Assignments before Grant, Section 113

2019

2019387239 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2020

2020231331 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2020254487 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2020346037 Longyear TM, Inc.; Global Tech Corporation Pty Ltd. The application has been assigned to **Boart Longyear Company; Global Tech Corporation Pty Ltd.**

2020368461 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2021

2021219048 Longyear TM, Inc.; Globaltech Corporation Pty Ltd. The application has been assigned to **Boart Longyear Company; Globaltech Corporation Pty Ltd.**

2021219343 Longyear TM, Inc.; Globaltech Corporation Pty Ltd. The application has been assigned to **Globaltech Corporation Pty Ltd; Boart Longyear Company**

2021320402 Briotech, Inc. The application has been assigned to **BT Manufacturing LLC**

2021354164 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2021358114 EQUALAIRE SYSTEMS, INC. The application has been assigned to **Pressure Systems International, LLC**

2021368571 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2021378300 DECISION TREE, LLC; LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company; DECISION TREE, LLC**

2021386382 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2021412889 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2021441505 RINTZ, William The application has been assigned to **IPVideo Corporation**

2022

2022200207 AgeX Therapeutics, Inc. The application has been assigned to **Reverse Bioengineering, Inc.**

Assignments before Grant, Section 113

2022227011 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2022232303 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2022234568 SONIC DRILLING INSTITUTE, LLC The application has been assigned to **PEKE Systems, Inc.**

2022236732 NYLACAST LIMITED The application has been assigned to **Nylacast Engineered Products Limited**

2022263484 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2022266595 GRUBER, Patrick; IMPEKOVEN, Christoph The application has been assigned to **Gevo, Inc.**

2022283610 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2022335338 LONGYEAR TM, INC. The application has been assigned to **Boart Longyear Company**

2023

2023201031 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

2023206209 Globaltech Corporation Pty Ltd; Longyear TM, Inc. The application has been assigned to **Boart Longyear Company; Globaltech Corporation Pty Ltd**

2023222973 Longyear TM, Inc. The application has been assigned to **Boart Longyear Company**

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.

2015

2015200374 **MARSHALL, P.** An application to extend the time from 28 Jan 2022 to 28 Mar 2024 in which to pay a renewal fee has been filed . Address for service - PERRY CARNE MARSHALL 15 MURCHISON ST. WHITFIELD QLD 4870 AU

2017

2017286802 **Myron L Company** An application to extend the time from 17 Jun 2023 to 17 Feb 2024 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018265567 **Neolitics, Inc.** An application to extend the time from 11 May 2023 to 11 Apr 2024 in which to pay a continuation fee has been

Extensions of Time, Section 223

filed . Address for service - Alder IP Pty Ltd Suite 504 10 Help Street CHATSWOOD NSW 2067 AU

2019

2019299445 **Hasbro, Inc.** An application to extend the time from 02 Jul 2023 to 02 Feb 2024 in which to pay a continuation fee has been filed . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2019330739 **Deaton, J.** An application to extend the time from 30 Aug 2023 to 30 Mar 2024 in which to pay a continuation fee has been filed . Address for service - Moulis Legal 6/2 Brindabella Circuit Brindabella Business Park Canberra International Airport CANBERRA ACT 2609 AU

2022

2022246368 **Myron L Company** An application to extend the time from 17 Jun 2023 to 17 Feb 2024 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023

2023204307 **Nanovision Technology (Beijing) Co., Ltd.** An application to extend the time from 18 Sep 2023 to 18 Mar 2024 in which to request examination has been filed . Address for service - NANOVISION TECHNOLOGY (BEIJING) CO., LTD PO Box 194 South Perth WA 6951 AU

Applications Allowed - Section 223(2)

2010

2010204680 **Living Proof, Inc.** The time in which to pay a renewal fee has been extended to 15 Nov 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2022

2022311805 **STRONG FORCE TX PORTFOLIO 2018, LLC** The time in which to enter the National Phase has been extended to 14 Apr 2024 . Address for service - ET Intellectual Property PO Box 10 932 Wellington 6140 NZ

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

2017374042 Delivery of target specific nucleases **Sangamo Therapeutics, Inc. ; Acuitas Therapeutics, Inc.** The nature of the

Amendments

amendment is as shown in the statement(s) filed 28 Mar 2024 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018

2018366020 Order grouping in warehouse order fulfillment operations **Locus Robotics Corp.** The nature of the amendment is as shown in the statement(s) filed 07 Mar 2024 . Address for service - Raven IP PO Box 391 VARSITY LAKES QLD 4227 AU

2020

2020355939 Rutin compositions **Alps Pharmaceutical Ind. Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 16 Feb 2024 . Address for service - Eagar & Associates Pty Ltd Level 2 35-39 Scarborough Street Southport QLD 4215 AU

2020469132 Scaling and statistical adjustments of precipitation rates for apparatuses having precipitation sensitive sensors **Google LLC** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021

2021275060 Quantum well-based led structure enhanced with sidewall hole injection **Google LLC** The nature of the amendment is as shown in the statement(s) filed 01 Apr 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2021290397 Device for collecting debris **Aero-Tech Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Mar 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021362359 CHEMICAL SPRAYING SYSTEM AND METHOD FOR OPERATING SAME **Panasonic Intellectual Property Management Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Mar 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2023

2023201428 PICTURE DATA ENCODING METHOD AND APPARATUS AND PICTURE DATA DECODING METHOD AND APPARATUS **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 26 Mar 2024 . Address for service - PHILLIPS ORMONDE FITZPATRICK PO Box 323 COLLINS STREET WEST VIC 8007 AU

Amendments Made

2009

2009331570 **Novo Nordisk A/S** The nature of the amendment is as shown in the statement(s) filed 20 Nov 2023 and 04 Jan 2024

2014

2014328827 **Stainless Outdoors Limited; Spence, J.; Austin, W.; Hardware and Glass Group Limited** The nature of the amendment is as shown in the statement(s) filed 20 Dec 2023

Amendments

2017

2017213835 **MeiraGTx UK II Limited** The nature of the amendment is as shown in the statement(s) filed 16 Jan 2024

2017261483 **Corteva Agriscience LLC** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2023

2017311512 **Aurelius Biotherapeutics, LLC** The nature of the amendment is as shown in the statement filed 10 Jan 2024

2017354027 **Seagen Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Jan 2024

2018

2018303360 **New Finance Services Inc.** The nature of the amendment is as shown in the statement filed 18 Dec 2023

2018354942 **ENI S.p.A.** The nature of the amendment is: Amend the invention title to read Aqueous composition comprising a conductive polymer and use thereof

2020

2020223671 **Checkmate Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 21 Dec 2023

2020257284 **Corning Research & Development Corporation** The nature of the amendment is as shown in the statement(s) filed 12 Jan 2024

2020300922 **Kumiai Chemical Industry Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 17 Nov 2023

2020321977 **Eli Lilly and Company** The nature of the amendment is as shown in the statement filed 22 Dec 2023

2020374934 **Nanjing Hanxin Pharmaceutical Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Nov 2022

2021

2021206903 **Combinati Incorporated** The nature of the amendment is as shown in the statement filed 09 Jan 2024

2021256049 **argenx BV; New York University** The nature of the amendment is: Amend the name of the inventor to read BURDEN, Steven J.; KOIDE, Shohei; KOIDE, Akiko; LELOUP, Nadia; OURY, Julien; SILENCE, Karen; VANHAUWAERT, Roeland; BLANCHETOT, Christophe; STEYAERT, Christophe; MOENS, Kathleen and VANKERCKHOVEN, Bernhardt

2021290132 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2024

2022

2022201394 **Dräger Safety AG & Co. KGaA** The nature of the amendment is as shown in the statement(s) filed 08 Jan 2024

Amendments

2022210443 **NFLECTION THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read HOUGHTON, Michael; KINCAID, John and SENGUPTA, Ananya

2022221498 **Wix.com Ltd.** The nature of the amendment is as shown in the statement(s) filed 10 Jan 2024

2022268347 **TScan Therapeutics, Inc.; Dana-Farber Cancer Institute, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Jan 2024

2022275141 **IHI CORPORATION** The nature of the amendment is as shown in the statement filed 01 Dec 2023

2022342513 **NIPPON STEEL CORPORATION; VALLOUREC OIL AND GAS FRANCE** The nature of the amendment is: Amend the invention title to read Oil-Well Metal Pipe

2022345465 **N.V. NUTRICIA** The nature of the amendment is as shown in the statement filed 19 Mar 2024

2023

2023216777 **Intocell, Inc.** The nature of the amendment is as shown in the statement filed 22 Dec 2023

2023901013 **The University of Queensland; The University of Melbourne; Alex Hewitt c/o University of Tasmania; Garvan Institute of Medical Research** The nature of the amendment is: To add co-applicants The University of Queensland, The University of Melbourne AND Alex Hewitt c/o University of Tasmania

2023902496 **Visionary Machines Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Gary AITCHISON; Tibor FEKETE; Rupert REEVE and Rhys Andrew NEWMAN

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

2008

2008302393 **VMware, Inc.** The name of the patentee has been altered to **VMware LLC**

2009

2009219470 **VMware, Inc.** The name of the patentee has been altered to **VMware LLC**

2009249516 **VMware, Inc.** The name of the patentee has been altered to **VMware LLC**

2009251646 **VMware, Inc.** The name of the patentee has been altered to **VMware LLC**

2009251728 **VMware, Inc.** The name of the patentee has been altered to **VMware LLC**

2009266333 **VMware, Inc.** The name of the patentee has been altered to **VMware LLC**

Amendments

2010

2010201049 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010201050 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010201653 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010221478 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010249649 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010265906 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010265907 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010265908 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010265909 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010276454 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2010315255 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2011

2011200037 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2011218672 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2011224641 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2011255654 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2011261831 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2011296303 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012

2012250953 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2012284345 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012294598 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012300402 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012300453 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012300457 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012340843 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2012362137 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013

2013204723 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013205443 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013206117 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013230945 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013237715 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013237716 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013252402 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013267279 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013274350 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013274662 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013293535 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013295867 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2013296875 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013303200 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013305505 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013308930 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013309455 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013331547 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013338197 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013356667 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013375232 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2013378115 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014

2014202257 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014203518 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014204468 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014206191 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014226161 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014226355 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014235300 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014235793 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014272148 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2014302620 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014308856 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014309371 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311461 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311463 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311781 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311782 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311783 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311867 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014311869 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014315117 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014328735 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2014340233 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2015

2015202178 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2015243081 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2015243082 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2015249115 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2016

2016201198 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2016213817 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2016222466 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2016357303 University of Georgia Research Foundation, Inc.; Aruna Biomedical, Inc. The name of the patentee has been altered to **University of Georgia Research Foundation, Inc.; Aruna Bio, Inc.**

2017

2017225042 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2017254525 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2018

2018345729 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2019

2019211356 PerkinElmer Health Sciences, Inc. The name of the patentee has been altered to **Revvity Health Sciences, Inc.**

2019270394 CTXT Pty Limited The name of the applicant has been altered to **CTXT PTY LTD**

2019287434 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2019325228 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2020

2020224067 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2020225189 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2020268752 Phagomed Biopharma GmbH The name of the applicant has been altered to **BioNTech R&D (Austria) GmbH**

2020312745 CTXT Pty Limited The name of the applicant has been altered to **CTXT PTY LTD**

2020313374 CTXT Pty Limited The name of the applicant has been altered to **CTXT PTY LTD**

2020336161 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2020409429 CTXT Pty Limited The name of the applicant has been altered to **CTXT PTY LTD**

2021

2021221592 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

Amendments

2021349770 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2022

2022201625 VMware, Inc. The name of the patentee has been altered to **VMware LLC**

2022229086 VMware, Inc. The name of the applicant has been altered to **VMware LLC**

2022361519 MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE MASSACHUSETTS GENERAL HOSPITAL The name of the applicant has been altered to **MASSACHUSETTS INSTITUTE OF TECHNOLOGY; THE GENERAL HOSPITAL CORPORATION**

2023

2023202371 VMware, Inc. The name of the applicant has been altered to **VMware LLC**

2023204664 VMware, Inc. The name of the applicant has been altered to **VMware LLC**

2023210524 VMware, Inc. The name of the applicant has been altered to **VMware LLC**

2023233058 VMware, Inc. The name of the applicant has been altered to **VMware LLC**

2023241347 VMware, Inc. The name of the applicant has been altered to **VMware LLC**

2023900981 Urotech Pty Ltd The name of the applicant has been altered to **Medxcel Pty Ltd**

Applications Open to Public Inspection

Name Index

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

(71) A2 Biotherapeutics, Inc.
 (11) AU-A-2024200719
 (21) 2024200719 (22) 06.02.2024
 (54) LILRB1-based chimeric antigen receptor
 (51) Int. Cl.
 C07K 14/725 (2006.01)
 A61P 35/00 (2006.01)
 C12N 5/0783 (2010.01)
 (43) 18.04.2024
 (62) 2020401315
 (72) KAMB, Carl Alexander; HAMBURGER, Agnes E.; DIANDRETH, Breanna; DARIS, Mark E.; DESHMUKH, Kiran
 (74) Davies Collison Cave Pty Ltd

(71) Acer Incorporated
 (11) AU-A-2023233134
 (21) 2023233134 (22) 21.09.2023
 (54) METHOD FOR HANDLING A MULTI-CELL SCHEDULING AND USER EQUIPMENT
 (51) Int. Cl.
 H04L 1/02 (2006.01)
 H04L 5/00 (2006.01)
 H04W 72/04 (2023.01)
 (31) 63/411,130 (32) 29.09.22 (33) US
 18/469,559 19.09.23 US
 (43) 18.04.2024
 (72) LEE, Chien-Min; LO, Li-Chung
 (74) Collison & Co

(71) Acres Technology
 (11) AU-A-2024202096
 (21) 2024202096 (22) 02.04.2024
 (54) Delayed Bonus Win Determination
 (51) Int. Cl.
 A63F 13/40 (2014.01)
 (43) 18.04.2024
 (62) 2022200410
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Adobe Inc.
 (11) AU-A-2023210621
 (21) 2023210621 (22) 03.08.2023
 (54) ITERATIVELY MODIFYING IN-PAINTED DIGITAL IMAGES BASED ON CHANGES TO PANOPTIC SEGMENTATION MAPS
 (51) Int. Cl.
 G06T 5/00 (2006.01)
 G06T 7/11 (2017.01)
 G06V 10/764 (2022.01)
 G06V 10/82 (2022.01)
 (31) 17/937,708 (32) 03.10.22 (33) US
 (43) 18.04.2024
 (72) Lin, Zhe; Amirghodsi, Sohrab; Cohen, Scott; Liu, Qing; Xu, Ning; Lu, Jing-
 wan; Zhang, Jianming; Zheng, Haitian;

wan; Zhang, Jianming; Zheng, Haitian;
 Shechtman, Elya
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023210622
 (21) 2023210622 (22) 03.08.2023
 (54) LEARNING PARAMETERS FOR NEURAL NETWORKS USING A SEMANTIC DISCRIMINATOR AND AN OBJECT-LEVEL DISCRIMINATOR
 (51) Int. Cl.
 G06T 5/00 (2006.01)
 G06T 7/10 (2017.01)
 G06V 10/764 (2022.01)
 G06V 10/82 (2022.01)
 (31) 17/937,680 (32) 03.10.22 (33) US
 (43) 18.04.2024
 (72) Lin, Zhe; Amirghodsi, Sohrab; Cohen, Scott; Liu, Qing; Xu, Ning; Lu, Jing-
 wan; Zhang, Jianming; Zheng, Haitian;
 Shechtman, Elya
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023210623
 (21) 2023210623 (22) 03.08.2023
 (54) PANOPTICALLY GUIDED INPAINTING UTILIZING A PANOPTIC INPAINTING NEURAL NETWORK
 (51) Int. Cl.
 G06T 5/00 (2006.01)
 G06T 7/11 (2017.01)
 G06V 10/82 (2022.01)
 (31) 17/937,695 (32) 03.10.22 (33) US
 (43) 18.04.2024
 (72) Lin, Zhe; Amirghodsi, Sohrab; Cohen, Scott; Liu, Qing; Xu, Ning; Lu, Jing-
 wan; Zhang, Jianming; Zheng, Haitian;
 Shechtman, Elya
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023210624
 (21) 2023210624 (22) 03.08.2023
 (54) GENERATING AND PROVIDING A PANOPTIC INPAINTING INTERFACE FOR GENERATING AND MODIFYING INPAINTED DIGITAL IMAGES
 (51) Int. Cl.
 G06T 5/00 (2006.01)
 G06T 7/11 (2017.01)
 G06V 10/764 (2022.01)
 G06V 10/82 (2022.01)
 (31) 17/937,706 (32) 03.10.22 (33) US
 (43) 18.04.2024
 (72) Lin, Zhe; Amirghodsi, Sohrab; Cohen, Scott; Liu, Qing; Xu, Ning; Lu, Jing-
 wan; Zhang, Jianming; Zheng, Haitian;
 Shechtman, Elya
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2023210625
 (21) 2023210625 (22) 03.08.2023
 (54) SHADOWMAPPING OF DEPTH ESTIMATED SCENES
 (51) Int. Cl.
 G06T 7/194 (2017.01)
 G06T 7/11 (2017.01)
 G06T 15/60 (2006.01)
 G06V 20/50 (2022.01)
 G06V 20/64 (2022.01)
 (31) 63/378,212 (32) 03.10.22 (33) US
 18/304,113 20.04.23 US
 (43) 18.04.2024
 (72) Hold-Geoffroy, Yannick; Krs, Vojtech; Mech, Radomir; Carr, Nathan; Gadelha, Matheus
 (74) RnB IP Pty Ltd

(71) Air Products and Chemicals, Inc.
 (11) AU-A-2023233225
 (21) 2023233225 (22) 25.09.2023
 (54) APPARATUS AND METHOD FOR AMMONIA WASTEWATER REDUCTION
 (51) Int. Cl.
 C01C 1/12 (2006.01)
 B01D 53/14 (2006.01)
 (31) 17/956,055 (32) 29.09.22 (33) US
 (43) 18.04.2024
 (72) Madtha, Kevin Richard; Wilson, Graeme Richard
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alynlam Pharmaceuticals, Inc.
 (11) AU-A-2024200717
 (21) 2024200717 (22) 06.02.2024
 (54) Factor XII (Hageman Factor) (F12), Kallikrein B, plasma (Fletcher Factor) 1 (KLKB1), and Kininogen 1 (KNG1) iRNA compositions and methods of use thereof
 (51) Int. Cl.
 A61K 31/713 (2006.01)
 C12N 15/113 (2010.01)
 (43) 18.04.2024
 (62) 2021258003
 (72) AKINC, Akin; HINKLE, Gregory; MAIER, Martin; BUTLER, James; LIU, Jingxuan
 (74) Griffith Hack

(71) Alpine Immune Sciences, Inc.
 (11) AU-A-2024201931
 (21) 2024201931 (22) 26.03.2024
 (54) PD-L1 variant immunomodulatory proteins and uses thereof
 (51) Int. Cl.
 C07K 14/705 (2006.01)

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A61K 38/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07K 14/715 (2006.01)
A61K 38/17 (2006.01)
(43) 18.04.2024
(62) 2018236224
(72) SWANSON, Ryan; KORNACKER, Michael; MAURER, Mark F.; ARDOUREL, Dan; DEMONTE, Daniel William; KUIJPER, Joseph L.
(74) Spruson & Ferguson

(71) Amgen Inc.
(11) AU-A-2024202086
(21) 2024202086 **(22)** 02.04.2024
(54) Use of oncolytic viruses, alone or in combination with a checkpoint inhibitor, for the treatment of cancer
(51) Int. Cl.
A61K 35/763 (2015.01)
A61P 1/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
(43) 18.04.2024
(62) 2018235944
(72) BELTRAN, Pedro J.; BEERS, Courtney; COOKE, Keegan
(74) Spruson & Ferguson

(71) Angel Group Co., Ltd.
(11) AU-A-2024201979
(21) 2024201979 **(22)** 27.03.2024
(54) Management system for table games, substitute currency for gaming, inspection device, and management system of substitute currency for gaming
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 11/00 (2006.01)
G06Q 50/10 (2012.01)
(43) 18.04.2024
(62) 2022200450
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023204692
(21) 2023204692 **(22)** 14.07.2023
(54) SYSTEMS AND METHODS FOR PERSISTENT COLLECTION AND EXTENDING SPINS
(51) Int. Cl.
A63F 13/50 (2014.01)
A63F 9/24 (2006.01)
A63F 13/45 (2014.01)
A63F 13/52 (2014.01)
G07F 17/32 (2006.01)
(31) 18/221,643 **(32)** 13.07.23 **(33)** US
 63/411,974 30.09.22 US
(43) 18.04.2024
(72) MARKS, Daniel; XU, Hua; MILLINER III, John; DUA, Dinesh; DAVIS, Sean
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023210639
(21) 2023210639 **(22)** 03.08.2023
(54) SYSTEMS AND METHODS FOR MOBILE KIOSK REMOTE ADMINISTRATION IN ELECTRONIC GAMING
(51) Int. Cl.
H04L 67/10 (2022.01)
G06F 3/01 (2006.01)
G06F 16/176 (2019.01)
G06F 16/178 (2019.01)
G06Q 50/34 (2012.01)
(31) 17/957,136 **(32)** 30.09.22 **(33)** US
(43) 18.04.2024
(72) BUTLER, Robert Brett; RIGGS, Jason
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023210640
(21) 2023210640 **(22)** 03.08.2023
(54) SYSTEMS AND METHODS FOR PROVIDING PERSISTENT OUTPUTS IN ELECTRONIC GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
(31) 17/957,716 **(32)** 30.09.22 **(33)** US
(43) 18.04.2024
(72) Marks, Daniel Mordecai
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023211973
(21) 2023211973 **(22)** 07.08.2023
(54) SYSTEMS AND METHODS FOR CONSOLIDATING SYMBOLS IN ELECTRONIC GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
(31) 17/956,339 **(32)** 29.09.22 **(33)** US
(43) 18.04.2024
(72) MARSH, David; ROELOFS, Karl
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023212042
(21) 2023212042 **(22)** 07.08.2023
(54) ELECTRONIC ACCOUNT TRANSFERS IN CASINO ENVIRONMENTS
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 17/958,117 **(32)** 30.09.22 **(33)** US
(43) 18.04.2024
(72) SHEKHAR, Shivendu; SMITH, Michael; RAMAN, Samarth
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023212203
(21) 2023212203 **(22)** 07.08.2023
(54) ELECTRONIC ACCOUNT TRANSFERS IN CASINO ENVIRONMENTS
(51) Int. Cl.
G06Q 20/36 (2012.01)
G07F 17/32 (2006.01)

G07F 17/34 (2006.01)
(31) 17/958,109 **(32)** 30.09.22 **(33)** US
(43) 18.04.2024
(72) VINEYARD, Ben; ROWLEY, Kevin; SMITH, Michael; RAMAN, Samarth; KANT, Abhinav; CLEVELAND, Christopher
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023214255
(21) 2023214255 **(22)** 08.08.2023
(54) ELECTRONIC GAMING SYSTEMS AND METHODS FOR PROVIDING INTERVAL TRIGGERS AND TIERED AWARDS
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/350,645 **(32)** 11.07.23 **(33)** US
 63/411,396 29.09.22 US
(43) 18.04.2024
(72) Gansert, Alex; Uberuaga, Christmas
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023214256
(21) 2023214256 **(22)** 08.08.2023
(54) GENERATING RANDOM GAME OUTCOMES DURING REEL SPINS
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/224,855 **(32)** 21.07.23 **(33)** US
 63/412,089 30.09.22 US
(43) 18.04.2024
(72) Belger, Matthew; Delekta, Scott
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023214258
(21) 2023214258 **(22)** 08.08.2023
(54) STATE DETERMINED PERSISTENCE FEATURE SYSTEM AND METHOD
(51) Int. Cl.
G07F 17/34 (2006.01)
(31) 17/956,317 **(32)** 29.09.22 **(33)** US
(43) 18.04.2024
(72) CHING, Erick; SANBORN, Hanna; MIZZLI, Jennifer; WARMS, Nathan; DECASA, Jr., Rogelio; SMITH, Zachary; USS, Jeffrey; LOCKHEED, Kelly
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies, Inc.
(11) AU-A-2023214259
(21) 2023214259 **(22)** 08.08.2023
(54) ELECTRONIC GAMING SYSTEMS AND METHODS WITH PERSISTENT WILD AND PRIZE DUAL SYMBOLS
(51) Int. Cl.
A63F 13/69 (2014.01)
G07F 17/34 (2006.01)
(31) 17/957,764 **(32)** 30.09.22 **(33)** US
(43) 18.04.2024
(72) LOCKHEED, Kelly; USS, Jeffrey; SANBORN, Hanna; WARMS, Nathan;

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(74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023214287
(21) 2023214287 (22) 09.08.2023
(54) SYSTEMS AND METHODS FOR DYNAMIC THEME SELECTION IN ELECTRONIC GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
(31) 17/957,838 (32) 30.09.22 (33) US
(43) 18.04.2024
(72) Dua, Dinesh; Marks, Daniel; Milliner III, John
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023214336
(21) 2023214336 (22) 10.08.2023
(54) Electronic Gaming Device and System with Animated Zone Movement for Balanced Bonus Symbol Selections Across Instances
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 17/958,226 (32) 30.09.22 (33) US
(43) 18.04.2024
(72) Marks, Daniel; Xu, Hua
(74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023216775
(21) 2023216775 (22) 15.08.2023
(54) MOBILE KIOSK SERVICE ROBOT AND BASE ASSEMBLY FOR SAME
(51) Int. Cl.
G07F 9/10 (2006.01)
A63F 11/00 (2006.01)
(31) 17/936,806 (32) 29.09.22 (33) US
(43) 18.04.2024
(72) Butler, Robert Brett
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023216820
(21) 2023216820 (22) 16.08.2023
(54) SYSTEMS AND METHODS FOR PER-SISTENT COLLECTION AND EXTENDING SPINS
(51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/44 (2014.01)
G07F 17/32 (2006.01)
(31) 18/221,679 (32) 13.07.23 (33) US
63/411,974 30.09.22 US
(43) 18.04.2024
(72) XU, Hua; MILLINER III, John; DUA, Dinesh; DAVIS, Sean
(74) Griffith Hack
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023216854
(21) 2023216854 (22) 17.08.2023
(54) ELECTRONIC GAMING SYSTEMS AND METHODS HAVING OUTCOMES RANDOMLY SELECTED FROM MULTIPLE SETS OF WINNING SYMBOL COMBINATIONS
(51) Int. Cl.
G07F 17/34 (2006.01)
G07F 17/32 (2006.01)
(31) 17/957,482 (32) 30.09.22 (33) US
(43) 18.04.2024
(72) MIRJAVADI, Daniel; ENGLMAN, Allon
(74) Griffith Hack
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023216900
(21) 2023216900 (22) 18.08.2023
(54) GENERATING SECOND CHANCE OPPORTUNITIES TO RANDOMLY TRIGGER A BONUS GAME
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 17/957,477 (32) 30.09.22 (33) US
(43) 18.04.2024
(72) PENACHO, Gary; MIRJAVADI, Daniel; ENGLMAN, Allon
(74) Griffith Hack
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023216909
(21) 2023216909 (22) 18.08.2023
(54) ELECTRONIC GAMING MACHINE AND SYSTEM WITH DYNAMIC REEL WALL DEFORMATION THROUGH METAMORPHIC REEL SYMBOL EXPANSION
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/45 (2014.01)
A63F 13/50 (2014.01)
A63F 13/55 (2014.01)
(31) 18/306,701 (32) 25.04.23 (33) US
63/411,762 30.09.22 US
(43) 18.04.2024
(72) MARSH, David; ROELOFS, Karl
(74) Griffith Hack
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023233098
(21) 2023233098 (22) 20.09.2023
(54) ELECTRONIC GAMING SYSTEM EMPLOYING A PLURALITY OF DYNAMIC SIDE DISPLAY PANELS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/00 (2014.01)
(31) 18/369,614 (32) 18.09.23 (33) US
63/411,238 29.09.22 US
(43) 18.04.2024
(72) Gong, Xiaoqiang; Jadeja, Rajendrasinh
(74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023237043
(21) 2023237043 (22) 26.09.2023
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023237066
(21) 2023237066 (22) 26.09.2023
(54) AUTOMATED PIXEL REFRESH MODE FOR ORGANIC LIGHT-EMITTING DIODE DISPLAYS USED IN CONTINUOUS-USE CONTEXTS
(51) Int. Cl.
A63F 13/25 (2014.01)
A63F 13/213 (2014.01)
G09G 3/3208 (2016.01)
(31) 18/474,074 (32) 25.09.23 (33) US
63/377,698 29.09.22 US
(43) 18.04.2024
(72) JADEJA, Rajendrasinh; BAUM, Michael
(74) James & Wells Intellectual Property
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- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2024202050
(21) 2024202050 (22) 28.03.2024
(54) GAMING SYSTEM WITH ELIMINATION FEATURE
(51) Int. Cl.
G07F 7/00 (2006.01)
(43) 18.04.2024
(62) 2022200688
(72) DAVIES, Clive Evan
(74) Griffith Hack
-
- (71) Asia Pacific Chemical Trading Pty Ltd
(11) AU-A-2022241627
(21) 2022241627 (22) 01.10.2022
(54) High Concentration Vitamin D Fortified Yogurt and Plant-based Yogurt Alternative Products
(51) Int. Cl.
A23L 33/155 (2016.01)
A23C 9/13 (2006.01)
A23C 11/10 (2021.01)
(43) 18.04.2024
(72) Hou, Xueliang
(74) Asia Pacific Chemical Trading Pty Ltd
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- (71) AxoGen Corporation
(11) AU-A-2024202006
(21) 2024202006 (22) 28.03.2024
(54) Materials and methods for protecting against neuromas
(51) Int. Cl.
A61B 90/00 (2016.01)
A61L 31/00 (2006.01)
A61L 31/04 (2006.01)
A61N 1/05 (2006.01)
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023216854

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 (62) 2018258064
 (72) DEISTER, Curt; SIMON, Crystal;
 FALERIS, Jennifer
 (74) FPA Patent Attorneys Pty Ltd

(71) Barrette Outdoor Living, Inc.
 (11) AU-A-2023237126
 (21) 2023237126 (22) 28.09.2023
 (54) CABLE RAIL WITH SERPENTINE
 CABLE
 (51) Int. Cl.
E04F 11/18 (2006.01)
E04H 17/20 (2006.01)
E04H 17/26 (2006.01)
 (31) 63/412,242 (32) 30.09.22 (33) US
 18/202,641 26.05.23 US
 (43) 18.04.2024
 (72) Schneider, Christopher Michael; Herit-
 age, Christopher; Bertke, Patrick; Bur-
 gess, Ryan
 (74) Pizzseys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) BASF SE
 (11) AU-A-2024202055
 (21) 2024202055 (22) 28.03.2024
 (54) Use of herbicidal compositions based
 on l-glufosinate in tolerant field crops
 (51) Int. Cl.
A01N 57/20 (2006.01)
A01P 13/02 (2006.01)
 (43) 18.04.2024
 (62) 2018308563
 (72) DECKWER, Roland; LORENTZ, Lothar;
 COTIE, Arlene Grace; BAGWELL, Ralph
 Dale
 (74) Griffith Hack

(71) Becton, Dickinson and Company
 (11) AU-A-2024201851
 (21) 2024201851 (22) 21.03.2024
 (54) COVER FOR TISSUE PENETRATING
 DEVICE WITH INTEGRATED MAG-
 NETS AND MAGNETIC SHIELDING
 (51) Int. Cl.
A61M 5/32 (2006.01)
A61B 17/34 (2006.01)
 (43) 18.04.2024
 (62) 2023201284
 (72) Ma, Yiping; Burkholz, Jonathan Karl;
 Harding, Weston; Isaacson, Ray S.;
 O'Bryan, Jeffrey C.
 (74) Dark IP

(71) Beijing Eacon Technology Co., Ltd.
 (11) AU-A-2022442100
 (21) 2022442100 (22) 29.12.2022
 (54) Method and apparatus for generating
 dumping positions, electronic device
 and storage medium
 (51) Int. Cl.
G06Q 50/02 (2012.01)
 (31) 202211199963.X (32) 29.09.22 (33) CN
 (43) 18.04.2024
 (72) WANG, Fangjian
 (74) Davies Collison Cave Pty Ltd

(71) Block, Inc.
 (11) AU-A-2023216899
 (21) 2023216899 (22) 18.08.2023
 (54) Cause identification using dynamic in-
 formation source(s)
 (51) Int. Cl.
G06Q 20/12 (2012.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06Q 20/10 (2012.01)
G06Q 30/0241 (2023.01)
G06Q 30/0279 (2023.01)
G06Q 30/0601 (2023.01)
G06Q 50/00 (2012.01)
 (31) 17/958,184 (32) 30.09.22 (33) US
 (43) 18.04.2024
 (72) SOLH, Crissy; LONG, Neil; EDWARDS,
 Sarah; NAIZI, Ghazal; YEE, Ashley;
 JOYCE, Alana
 (74) FB Rice Pty Ltd

(71) Block, Inc.
 (11) AU-A-2024202020
 (21) 2024202020 (22) 28.03.2024
 (54) Point of sale (pos) systems and meth-
 ods with dynamic kernel selection
 (51) Int. Cl.
G06F 21/53 (2013.01)
G06Q 20/20 (2012.01)
G06Q 20/32 (2012.01)
 (43) 18.04.2024
 (62) 2023201736
 (72) CAT, Murat; AYDENIZ, Gokhan;
 TERRA, David
 (74) FB Rice Pty Ltd

(71) Boart Longyear Company
 (11) AU-A-2023237144
 (21) 2023237144 (22) 28.09.2023
 (54) Percussive drill bit
 (51) Int. Cl.
E21B 10/38 (2006.01)
E21B 10/40 (2006.01)
 (31) 63/411304 (32) 29.09.22 (33) US
 (43) 18.04.2024
 (72) Lachance, Anthony; Brubacher, Adrian;
 Bily, Mark
 (74) FPA Patent Attorneys Pty Ltd

(71) Bongo Learn, Inc.
 (11) AU-A-2024202035
 (21) 2024202035 (22) 28.03.2024
 (54) Reduced bias submission review sys-
 tem
 (51) Int. Cl.
G06F 7/10 (2006.01)
G06Q 10/00 (2023.01)
G06Q 10/10 (2023.01)
G06Q 30/00 (2023.01)
G06Q 30/02 (2023.01)
 (43) 18.04.2024
 (62) 2018419659
 (72) LEWIS, Jeffrey S.
 (74) FPA Patent Attorneys Pty Ltd

(71) Brilliant Light Power, Inc.
 (11) AU-A-2024202019
 (21) 2024202019 (22) 28.03.2024
 (54) Thermophotovoltaic electrical power
 generator
 (51) Int. Cl.
G21B 1/15 (2006.01)
G21B 3/00 (2006.01)
 (43) 18.04.2024
 (62) 2022201627
 (72) MILLS, Randell Lee
 (74) Spruson & Ferguson

(71) BXB Digital Pty Limited
 (11) AU-A-2024201068
 (21) 2024201068 (22) 19.02.2024
 (54) SYSTEMS AND METHODS FOR
 TRACKING PROMOTIONS
 (51) Int. Cl.
G06Q 10/00 (2023.01)
G06Q 10/08 (2023.01)
 (43) 18.04.2024
 (62) 2018248330
 (72) Pannicke, Marco; Jayaraman, Shankar
 (74) Pizzseys Patent and Trade Mark Attor-
 neys Pty Ltd

(71) CaaMTech, Inc.
 (11) AU-A-2024201988
 (21) 2024201988 (22) 27.03.2024
 (54) Crystalline psilacetin derivatives
 (51) Int. Cl.
A01G 2/10 (2018.01)
A01G 22/15 (2018.01)
A01G 24/25 (2018.01)
 (43) 18.04.2024
 (62) 2021237640
 (72) CHADEAYNE, Andrew R.
 (74) ALLENS PATENT & TRADE MARK
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(71) Canva Pty Ltd
 (11) AU-A-2023202429
 (21) 2023202429 (22) 20.04.2023
 (54) Image rotation
 (51) Int. Cl.
G06T 3/60 (2006.01)
G06N 3/0464 (2023.01)
G06N 3/084 (2023.01)
G06T 5/50 (2006.01)
G06T 5/80 (2024.01)
G06V 10/24 (2022.01)
G06V 10/774 (2022.01)
G06V 10/82 (2022.01)
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 (72) Sanchit, Sanchit; Sietzen, Stefan
 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2023237100 (22) 27.09.2023
 (54) Systems and methods for growing
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 (51) Int. Cl.
A01G 33/00 (2006.01)
A01G 9/14 (2006.01)

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(43) 18.04.2024
(72) KNEEN, David; HARDIE, Anne;
CHRISTIAN, Andrew; COOK, Sam
(74) Griffith Hack

(71) CH4 Global, Inc.
(11) AU-A-2023237101
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for processing seaweed
(51) Int. Cl.
A23K 10/30 (2016.01)
A23K 20/10 (2016.01)
A23K 50/10 (2016.01)
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LAWSON, David
(74) Griffith Hack

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(11) AU-A-2024202025
(21) 2024202025 **(22)** 28.03.2024
(54) NERVE REGENERATION SYSTEM
AND METHOD
(51) Int. Cl.
A61N 1/36 (2006.01)
(43) 18.04.2024
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(72) SCANLAN, Kevin; WALKER, Eric R.;
COSENTINO, Leonard M.
(74) Maxwells Patent & Trade Mark Attor-
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(51) Int. Cl.
G06N 20/00 (2019.01)
G06F 21/12 (2013.01)
G06F 21/62 (2013.01)
H04L 9/40 (2022.01)
G06F 9/455 (2018.01)
G06F 16/958 (2019.01)
H04L 67/025 (2022.01)
H04L 67/104 (2022.01)
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(72) THAPA, Chandra; CAMTEPE, Sey-
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(71) Concert Pharmaceuticals Inc.
(11) AU-A-2024202051
(21) 2024202051 **(22)** 28.03.2024
(54) Morphinan compounds
(51) Int. Cl.
C07D 471/08 (2006.01)
A61K 31/439 (2006.01)
A61P 11/14 (2006.01)
C07B 59/00 (2006.01)

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(62) 2021269403
(72) TUNG, Roger
(74) FB Rice Pty Ltd

(71) Creatz Inc.
(11) AU-A-2024202016
(21) 2024202016 **(22)** 28.03.2024
(54) Method, system, and non-transitory
computer-readable recording medium
for measuring spin of ball
(51) Int. Cl.
A63B 69/36 (2006.01)
A63B 71/06 (2006.01)
A63B 102/32 (2015.01)
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(72) SUK, Yong Ho; SUK, Jey Ho; CHOI,
Hyeon Seok
(74) LAMINAR IP PTY LTD

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(21) 2024202038 **(22)** 28.03.2024
(54) Automatic computer price tracking,
valuation, and negotiation optimization
(51) Int. Cl.
G06Q 30/02 (2023.01)
G06N 3/02 (2006.01)
G06N 3/08 (2023.01)
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G06Q 30/06 (2023.01)
G06Q 50/16 (2012.01)
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America Corporation**
(21) 2024201974

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America Corporation**
(21) 2024201975

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America Corporation**
(21) 2024201976

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America Corporation**
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America Corporation**
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(71) Daifuku Intralogistics America Corpora-
tion; Daifuku Co., Ltd.
(11) AU-A-2024201974

(21) 2024201974 **(22)** 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MA-
NIPULATION SYSTEM AND METH-
OD FOR ROBOTIC TRUCK UN-
LOADER THAT UNLOADS/UNPACKS
PRODUCT FROM TRAILERS AND
CONTAINERS
(51) Int. Cl.
B25J 9/16 (2006.01)
B25J 5/00 (2006.01)
B25J 13/08 (2006.01)
B65G 67/24 (2006.01)
(43) 18.04.2024
(62) 2022349689
(72) Criswell, Tim; Weir, Justry; Criswell,
Alex; Doliotis, Pavlos; Rajan, Samarth;
Middleton, Matthew
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Daifuku Intralogistics America Corpora-
tion; Daifuku Co., Ltd.
(11) AU-A-2024201975
(21) 2024201975 **(22)** 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MA-
NIPULATION SYSTEM AND METH-
OD FOR ROBOTIC TRUCK UN-
LOADER THAT UNLOADS/UNPACKS
PRODUCT FROM TRAILERS AND
CONTAINERS
(51) Int. Cl.
B25J 9/16 (2006.01)
B25J 5/00 (2006.01)
B25J 13/08 (2006.01)
B65G 67/24 (2006.01)
(43) 18.04.2024
(62) 2022349689
(72) Criswell, Tim; Weir, Justry; Criswell,
Alex; Doliotis, Pavlos; Rajan, Samarth;
Middleton, Matthew
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Daifuku Intralogistics America Corpora-
tion; Daifuku Co., Ltd.
(11) AU-A-2024201976
(21) 2024201976 **(22)** 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MA-
NIPULATION SYSTEM AND METH-
OD FOR ROBOTIC TRUCK UN-
LOADER THAT UNLOADS/UNPACKS
PRODUCT FROM TRAILERS AND
CONTAINERS
(51) Int. Cl.
B25J 9/16 (2006.01)
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B25J 13/08 (2006.01)
B65G 67/24 (2006.01)
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(72) Criswell, Tim; Weir, Justry; Criswell,
Alex; Doliotis, Pavlos; Rajan, Samarth;
Middleton, Matthew
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Daifuku Intralogistics America Corpora-
tion; Daifuku Co., Ltd.
(11) AU-A-2024201977
(21) 2024201977 **(22)** 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MA-
NIPULATION SYSTEM AND METH-

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LOADER THAT UNLOADS/UNPACKS
PRODUCT FROM TRAILERS AND
CONTAINERS
(51) Int. Cl.
B25J 9/16 (2006.01)
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(72) Criswell, Tim; Weir, Justry; Criswell,
Alex; Doliotis, Pavlos; Rajan, Samarth;
Middleton, Matthew
(74) PHILLIPS ORMONDE FITZPATRICK

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tion; Daifuku Co., Ltd.
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(21) 2024201978 (22) 27.03.2024
(54) PERCEPTION-BASED ROBOTIC MA-
NIPULATION SYSTEM AND METH-
OD FOR ROBOTIC TRUCK UN-
LOADER THAT UNLOADS/UNPACKS
PRODUCT FROM TRAILERS AND
CONTAINERS
(51) Int. Cl.
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(74) PHILLIPS ORMONDE FITZPATRICK

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(11) AU-A-2023216870
(21) 2023216870 (22) 18.08.2023
(54) Planting machine and method of meas-
uring planting seed rate
(51) Int. Cl.
A01C 7/10 (2006.01)
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18/348932 11.07.23 US
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Dias, Felipe D.
(74) Davies Collison Cave Pty Ltd

(71) Dejero Labs Inc.
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(21) 2024202036 (22) 28.03.2024
(54) System and method for controlling data
stream modifications
(51) Int. Cl.
H04N 21/23 (2011.01)
H04L 29/06 (2006.01)
H04N 21/234 (2011.01)
H04N 21/235 (2011.01)
H04N 21/236 (2011.01)
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(62) 2022205264
(72) SZE, David; OBERHOLZER, Jonathon;
SCHNEIDER, Todd; FRUSINA, Bogdan
(74) FB Rice Pty Ltd

(71) Diametros Medical S.r.l.
(11) AU-A-2022241605
(21) 2022241605 (22) 30.09.2022
(54) Interspinous vertebral distractor
(51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/02 (2006.01)
A61B 17/56 (2006.01)
(43) 18.04.2024
(72) GARLATTI, Giovanni; FORTUNA,
Lorenzo
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(71) Diversify Finance Limited
(11) AU-A-2024202064
(21) 2024202064 (22) 28.03.2024
(54) System and method for generating
computerized educational tool
(51) Int. Cl.
G09B 5/00 (2006.01)
G06F 3/14 (2006.01)
G06Q 40/02 (2023.01)
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(72) Fagg, Jennifer Anne
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sence extraction
(51) Int. Cl.
C11B 9/02 (2006.01)
C25B 1/04 (2021.01)
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(54) AUTOMATIC GATING WITH AN MR
LINAC
(51) Int. Cl.
A61N 5/10 (2006.01)
G06N 3/02 (2006.01)
G06T 7/30 (2017.01)
G06T 9/00 (2006.01)
G16H 20/40 (2018.01)
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Silvain
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neys Pty Ltd

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(21) 2024202069 (22) 28.03.2024
(54) INHALER DEVICES, MEDICATION
FORMULATIONS USED THEREWITH
AND METHODS OF MANUFACTURE

(51) Int. Cl.
A61M 11/00 (2006.01)
A61M 15/00 (2006.01)
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(62) 2020402019
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(74) RNB IP PTY LTD

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(11) AU-A-2024202059
(21) 2024202059 (22) 28.03.2024
(54) FABRICATION METHODS, STRUC-
TURES, AND USES FOR PASSIVE
RADIATIVE COOLING
(51) Int. Cl.
F28F 13/18 (2006.01)
B32B 33/00 (2006.01)
F28F 3/00 (2006.01)
F28F 21/02 (2006.01)
F28F 21/06 (2006.01)
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(62) 2019255688
(72) FAIN, Romy M.
(74) Griffith Hack

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024202013
(21) 2024202013 (22) 28.03.2024
(54) CONTROL OF FLOW AND/OR PRES-
SURE PROVIDED BY BREATHING
APPARATUS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61M 16/00 (2006.01)
A62B 18/00 (2006.01)
(43) 18.04.2024
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(72) TATKOV, Stanislav; O'DONNELL, Kevin
Peter; FENG, Sheng
(74) AJ PARK

(71) Fisher & Paykel Healthcare Limited
(11) AU-A-2024202029
(21) 2024202029 (22) 28.03.2024
(54) BREATHING ASSISTANCE APPARAT-
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(51) Int. Cl.
A61M 16/00 (2006.01)
A62B 7/00 (2006.01)
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(62) 2022287563
(72) Peiris, Malik Tivanka Rajiv; Somervell,
Andrew Robert Donald; Harwood,
Jonathan David
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE
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(11) AU-A-2024202014
(21) 2024202014 (22) 28.03.2024
(54) MEDICAL DATA MANAGEMENT SYS-
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(51) Int. Cl.
A61B 5/00 (2006.01)
G06F 17/40 (2006.01)

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 (54) UHPC ENCASED STEEL PIPE CONNECTOR FOR PREFABRICATED CONCRETE PIER AND CONSTRUCTION METHOD THEREOF
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E01D 19/02 (2006.01)
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 (31) CN (32) 29.09.22 (33) CN
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 (72) WU, Qingxiang; YANG, Yilun; ZHAN, Yuanhui; YUAN, Huihui; QIN, Zhiqing
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 (51) Int. Cl.
C07D 401/14 (2006.01)
C07C 45/61 (2006.01)
C07D 213/61 (2006.01)
C07D 231/54 (2006.01)
C07D 231/56 (2006.01)
C07D 339/06 (2006.01)
C07D 401/12 (2006.01)
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 (74) Davies Collision Cave Pty Ltd

(71) Gilead Sciences, Inc.
 (11) AU-A-2024202085
 (21) 2024202085 (22) 02.04.2024
 (54) Cot modulators and methods of use thereof
 (51) Int. Cl.
A61P 3/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 401/14 (2006.01)
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 (72) CANALES, Eda Y.; DESAI, Manoj C.; GORMAN, Eric; LI, Jiayao; SAITO, Roland D.; TAYLOR, James G.; WRIGHT, Nathan E.
 (74) FPA Patent Attorneys Pty Ltd

(71) Gilead Sciences, Inc.
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 (54) COMPOUNDS AND METHODS FOR TREATMENT OF VIRAL INFECTIONS
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61P 31/14 (2006.01)
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(71) Givant, P.
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 (21) 2022275483 (22) 24.11.2022
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 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/65 (2014.01)
 (31) 17/956,583 (32) 29.09.22 (33) US
 (43) 18.04.2024
 (72) Givant, Philip Paul
 (74) Collison & Co

(71) Glory Ltd.
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 (54) Money handling system and money handling method
 (51) Int. Cl.
G06Q 20/20 (2012.01)
G06F 21/30 (2013.01)
G06Q 20/40 (2012.01)
H04W 12/06 (2021.01)
 (31) 2022-157455 (32) 30.09.22 (33) JP
 (43) 18.04.2024
 (72) MATSUO, Ippei; SUSENIO, Herman
 (74) Griffith Hack

(71) Greenworks (Jiangsu) Co., Ltd
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 (54) BATTERY PACK, BATTERY THERMAL MANAGEMENT SYSTEM AND BATTERY THERMAL MANAGEMENT CONTROL METHOD
 (51) Int. Cl.
H01M 10/65 (2014.01)
B60L 58/10 (2019.01)
B60L 58/24 (2019.01)
H01M 10/651 (2014.01)
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 (74) Madderns Pty Ltd

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 (54) WALL MOUNTING METHOD AND ARRANGEMENT
 (51) Int. Cl.
A47G 1/17 (2006.01)
A47G 1/06 (2006.01)
E04F 13/072 (2006.01)
E04F 13/30 (2006.01)
E04F 13/02 (2006.01)
 (43) 18.04.2024
 (72) Grey, Bradley
 (74) Mann IP

(71) Hardfacing Industries WA Pty Ltd
 (11) AU-A-2023233221
 (21) 2023233221 (22) 23.09.2023
 (54) SYSTEM AND METHOD FOR AUTOMATICALLY LIMITING MOBILE DEVICE FUNCTIONALITY
 (51) Int. Cl.
H04W 48/04 (2009.01)
G01R 33/02 (2006.01)
G01R 33/24 (2006.01)
G01S 7/41 (2006.01)
G01S 19/24 (2010.01)
H04M 1/72457 (2021.01)
H04M 1/72463 (2021.01)
H04W 4/02 (2018.01)
H04W 4/029 (2018.01)
G01R 33/07 (2006.01)
G06N 3/0499 (2023.01)
H04M 1/60 (2006.01)
H04M 1/72409 (2021.01)
 (31) 2022902869 (32) 03.10.22 (33) AU
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 (43) 18.04.2024
 (72) Tonkin, Gary Edward
 (74) Mann IP

(71) Harpoon Therapeutics, Inc.
 (11) AU-A-2024201624
 (21) 2024201624 (22) 13.03.2024
 (54) Single domain serum albumin binding protein
 (51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)

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 (74) FB Rice Pty Ltd

(71) Hasan, S.K.
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 (21) 2024202003 (22) 27.03.2024
 (54) Computer security based on artificial intelligence
 (51) Int. Cl.
G06N 5/02 (2023.01)
G06F 21/50 (2013.01)
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 (72) Hasan, Syed Kamran
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(71) HeliMods Pty Ltd
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 (54) A STRETCHER LOADING ASSEMBLY
 (51) Int. Cl.
A61G 3/06 (2006.01)
A61G 1/06 (2006.01)
A61G 3/02 (2006.01)
A61G 3/08 (2006.01)
B60M 1/12 (2006.01)
B64D 11/00 (2006.01)
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 (43) 18.04.2024
 (72) SHRAPNEL, Will
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Interscope, Inc.
 (11) AU-A-2024202083
 (21) 2024202083 (22) 02.04.2024
 (54) INSERTABLE ENDOSCOPIC INSTRUMENT FOR TISSUE REMOVAL
 (51) Int. Cl.
A61B 17/32 (2006.01)
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 (72) Furlong, Cosme; Marcoux, Michael W.; Wisdom, Richard Stephen; Rebh Jr., William R.; Costa, Evan; Evans, Stephen C.
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Intuit Inc.
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 (21) 2023214216 (22) 07.08.2023
 (54) Framework for machine guidance
 (51) Int. Cl.
G06F 12/00 (2006.01)
G06N 3/02 (2006.01)

G06N 5/04 (2023.01)
G06N 20/20 (2019.01)
 (31) 17/958,278 (32) 30.09.22 (33) US
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(71) ISA Pharmaceuticals B.V.
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 (21) 2024202005 (22) 28.03.2024
 (54) Formulation of a peptide vaccine
 (51) Int. Cl.
A61K 39/00 (2006.01)
A61K 9/00 (2006.01)
A61K 9/107 (2006.01)
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A61K 47/10 (2017.01)
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 (72) MULDER, Gwenn Eveline
 (74) FPA Patent Attorneys Pty Ltd

(71) Janssen Pharmaceutica NV
 (11) AU-A-2024202052
 (21) 2024202052 (22) 28.03.2024
 (54) Novel 6-6 bicyclic aromatic ring substituted nucleoside analogues for use as PRMT5 inhibitors
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61K 31/53 (2006.01)
 (43) 18.04.2024
 (62) 2022215260
 (72) WU, Tongfei; BREHMER, Dirk; BEKE, Lijs; BOECKX, An; DIELS, Gaston Stanislas Marcella; GILISSEN, Ronaldus Arnodus Hendrika Joseph; LAWSON, Edward Charles; PANDE, Vineet; PARADE, Marcus Cornelis Bernardus Catharina; SCHEPENS, Wim Bert Griet; THURING, Johannes Wilhelmus John F.; VIELLEVOYE, Marcel; SUN, Weimei; MEERPOEL, Lieven
 (74) Spruson & Ferguson

(71) Jinko Solar (Haining) Co., Ltd.; Zheji-ang Jinko Solar Co., Ltd.
 (11) AU-A-2023206228
 (21) 2023206228 (22) 21.07.2023
 (54) PHOTOVOLTAIC MODULE AND METHOD FOR FOLDING THE SAME
 (51) Int. Cl.
H02S 30/20 (2014.01)
H01L 31/048 (2014.01)
H02S 40/00 (2014.01)
 (31) 202211215987.X (32) 30.09.22 (33) CN
 (43) 18.04.2024
 (72) Li, Ning; Xiao, Pengjun; Dai, Zhigang; Yang, Sen; Kong, Weichong; Li, Bo; Yin, Jiexiang; Tao, Chunhua
 (74) Madderns Pty Ltd

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 (11) AU-A-2023208083
 (21) 2023208083 (22) 24.07.2023
 (54) PHOTOVOLTAIC MODULE AND METHOD FOR PREPARING THE SAME
 (51) Int. Cl.
H01L 31/042 (2014.01)
 (31) 202211214419.8 (32) 30.09.22 (33) CN
 (43) 18.04.2024
 (72) Li, Ning; Xiao, Pengjun; Dai, Zhigang; Yang, Sen; Gong, Yuanqi; Li, Bo; Yin, Jiexiang; Tao, Chunhua
 (74) Madderns Pty Ltd

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2023219965
 (21) 2023219965 (22) 25.08.2023
 (54) ELECTRODE, MEMBRANE ELECTRODE ASSEMBLY, ELECTROCHEMICAL CELL, STACK, AND ELECTROLYZER
 (51) Int. Cl.
H01M 4/86 (2006.01)
C25B 11/031 (2021.01)
C25B 11/081 (2021.01)
H01M 4/90 (2006.01)
 (31) 2022-159823 (32) 03.10.22 (33) JP
 (43) 18.04.2024
 (72) FUKAZAWA, Taishi; YOSHINAGA, Norihiro; SUGANO, Yoshitsune
 (74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2023219968
 (21) 2023219968 (22) 25.08.2023
 (54) MEMBRANE ELECTRODE ASSEMBLY, ELECTROCHEMICAL CELL, STACK AND ELECTROLYZER
 (51) Int. Cl.
C25B 11/053 (2021.01)
C25B 9/19 (2021.01)
C25B 11/031 (2021.01)
 (31) 2022-159834 (32) 03.10.22 (33) JP
 (43) 18.04.2024
 (72) FUKAZAWA, Taishi; NAKANO, Yoshihiko; YOSHINAGA, Norihiro
 (74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2023222837
 (21) 2023222837 (22) 28.08.2023
 (54) MEMBRANE ELECTRODE ASSEMBLY, ELECTROCHEMICAL CELL, STACK, ELECTROLYZER, AND MANUFACTURING METHOD OF MEMBRANE ELECTRODE ASSEMBLY
 (51) Int. Cl.
C25B 11/053 (2021.01)
C25B 1/02 (2006.01)
C25B 1/04 (2021.01)
C25B 11/031 (2021.01)
C25B 11/051 (2021.01)
C25B 11/093 (2021.01)
H01M 4/02 (2006.01)

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(31) 2022-159824 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) NAKANO, Yoshihiko; YOSHINAGA, Norihiro
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2023222974
(21) 2023222974 **(22)** 31.08.2023
(54) Electrode for electrochemical reaction device, membrane electrode assembly, and electrochemical reaction device
(51) Int. Cl.

H01M 4/36 (2006.01)
H01G 9/22 (2013.01)
H01G 11/26 (2013.01)
H01G 11/30 (2013.01)
H01M 8/02 (2016.01)
H01M 8/0297 (2016.01)
(31) 2022-159397 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) ONO, Akihiko; YOSHINAGA, Norihiro; SUGANO, Yoshitsune
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2023226658
(21) 2023226658 **(22)** 05.09.2023
(54) Electrode, membrane electrode assembly, electrochemical cell, stack, and electrolyzer
(51) Int. Cl.

C25B 11/093 (2021.01)
C25B 1/04 (2021.01)
C25B 9/73 (2021.01)
C25B 11/051 (2021.01)
H01M 4/02 (2006.01)
H01M 50/40 (2021.01)
(31) 2022-159828 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) JUNG, Hyangmi; FUKAZAWA, Taishi; ONO, Akihiko; SUGANO, Yoshitsune; YAMAGIWA, Masakazu; KUDO, Yuki; YOSHINAGA, Norihiro
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2023226664
(21) 2023226664 **(22)** 05.09.2023
(54) Electrode, membrane electrode assembly, electrochemical cell, stack, and electrolyzer
(51) Int. Cl.
C25B 11/053 (2021.01)
C25B 11/065 (2021.01)
C25B 11/073 (2021.01)
(31) 2022-159827 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) YOSHINAGA, Norihiro; NAKANO, Yoshihiko; FUKAZAWA, Taishi; KANAI, Yuta; SUGANO, Yoshitsune; ONO, Akihiko
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2023226666
(21) 2023226666 **(22)** 05.09.2023
(54) Support, electrode, membrane electrode assembly, electrochemical cell, stack, and electrolyzer
(51) Int. Cl.
C25B 11/063 (2021.01)
C25B 11/031 (2021.01)
(31) 2022-159825 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) YAMAGIWA, Masakazu; YOSHINAGA, Norihiro; SUGANO, Yoshitsune
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2023226686
(21) 2023226686 **(22)** 06.09.2023
(54) Water electrolysis device and method of controlling water electrolysis device
(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 1/02 (2006.01)
C25B 9/60 (2021.01)
C25B 15/02 (2021.01)
(31) 2022-159382 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) ONO, Akihiko; YOSHINAGA, Norihiro; SUGANO, Yoshitsune
(74) Griffith Hack

(71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(11) AU-A-2023226692
(21) 2023226692 **(22)** 06.09.2023
(54) Electrode for electrochemical reaction device, membrane electrode assembly, and electrochemical reaction device
(51) Int. Cl.
C25B 11/051 (2021.01)
(31) 2022-159801 **(32)** 03.10.22 **(33)** JP
(43) 18.04.2024
(72) SUGANO, Yoshitsune; ONO, Akihiko; YOSHINAGA, Norihiro
(74) Griffith Hack

(71) Kai Concepts, LLC
(11) AU-A-2024202023
(21) 2024202023 **(22)** 28.03.2024
(54) Watercraft device with hydrofoil and electric propeller system
(51) Int. Cl.
B63B 1/24 (2020.01)
B63H 1/22 (2006.01)
B63H 5/07 (2006.01)
B63H 21/17 (2006.01)
B63H 21/21 (2006.01)
(43) 18.04.2024
(62) 2018330511
(72) MONTAGUE, Donald Lewis; BROCK, Joseph Andrew; SCHULTE, Jamieson Edward; SCHABB, Daniel Elliot
(74) LAMINAR IP PTY LTD

(71) KAPOOR, R.
(11) AU-A-2023229562
(21) 2023229562 **(22)** 22.02.2023
(54) A DEVICE FOR HANGING ARTICLES OVER A HORIZONTAL WIRE
(51) Int. Cl.
F16B 45/00 (2006.01)
(31) 202211056053 **(32)** 29.09.22 **(33)** IN
(43) 18.04.2024
(72) KAPOOR, RAJAN
(74) RAJAN KAPOOR

(71) KAPOOR, R.
(11) AU-A-2023229563
(21) 2023229563 **(22)** 22.02.2023
(54) SWIVEL EYELET FOR HANGING ARTICLES
(51) Int. Cl.
F16B 45/00 (2006.01)
(31) 202211056051 **(32)** 29.09.22 **(33)** IN
(43) 18.04.2024
(72) KAPOOR, RAJAN
(74) RAJAN KAPOOR

(71) K F GROUP PTY LTD
(11) AU-A-2024202097
(21) 2024202097 **(22)** 02.04.2024
(54) Wear Sensor
(51) Int. Cl.
G01B 17/02 (2006.01)
B65G 11/20 (2006.01)
B65G 43/02 (2006.01)
G01B 7/06 (2006.01)
G01B 17/04 (2006.01)
G01D 11/24 (2006.01)
G01L 1/16 (2006.01)
G01N 29/22 (2006.01)
(43) 18.04.2024
(62) 2022416995
(72) KAMARAS, Con
(74) Armour IP

(71) King Rack Industrial Co., Ltd.
(11) AU-A-2023233068
(21) 2023233068 **(22)** 19.09.2023
(54) Locking arm of a carrier connecting rod and method for making the same
(51) Int. Cl.
B60R 9/10 (2006.01)
(31) 111137338 **(32)** 30.09.22 **(33)** TW
(43) 18.04.2024
(72) WANG, Chiu-Kuei
(74) A.P.T. Patent and Trade Mark Attorneys

(71) Kiverdi, Inc.
(11) AU-A-2024201994
(21) 2024201994 **(22)** 27.03.2024
(54) MICROBIAL CONVERSION OF CO2 AND OTHER C1 SUBSTRATES TO VEGAN NUTRIENTS, FERTILIZERS, BIOSTIMULANTS, AND SYSTEMS FOR ACCELERATED SOIL CARBON SEQUESTRATION
(51) Int. Cl.
C12M 1/00 (2006.01)
C12N 1/20 (2006.01)

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C12P 13/00 (2006.01)
C12P 21/00 (2006.01)
(43) 18.04.2024
(62) 2018214626
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(74) Arcadia Intellectual Property

(71) L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE; Micro Matic A/S
(11) AU-A-2023233059
(21) 2023233059 **(22)** 19.09.2023
(54) Device for protecting a device for supplying pressurised fluid
(51) Int. Cl.
F16K 35/00 (2006.01)
F17C 13/04 (2006.01)
(31) EP22306475.9 **(32)** 04.10.22 **(33)** EP
(43) 18.04.2024
(72) FRENAL, Antoine; WIEMER, Klaus; WINTHER, Morten; BANGGAARD STEFFENSEN, Kasper
(74) Zone Law Limited

(71) Lamle, S.
(11) AU-A-2024202068
(21) 2024202068 **(22)** 28.03.2024
(54) Intuition Gambling Game System and Method
(51) Int. Cl.
A63F 1/00 (2006.01)
(43) 18.04.2024
(62) 2019460131
(72) LAMLE, Stewart
(74) Adrian M Trioli Patent and Trade Mark Attorney

(71) LEE, H.
(11) AU-A-2024202017
(21) 2024202017 **(22)** 28.03.2024
(54) CONCAVE AND CONVEX METAL PLATE AND FLOOR HEATING SYSTEM USING SAME
(51) Int. Cl.
F24D 3/14 (2006.01)
E04C 2/52 (2006.01)
F24D 13/02 (2006.01)
(43) 18.04.2024
(62) 2020407338
(72) LEE, Hoyoung
(74) LAMINAR IP PTY LTD

(71) LightForce Orthodontics, Inc.
(11) AU-A-2024202053
(21) 2024202053 **(22)** 28.03.2024
(54) Manufacture Of Patient-Specific Orthodontic Brackets With Improved Base And Retentive Features
(51) Int. Cl.
A61C 7/00 (2006.01)
(43) 18.04.2024
(62) 2019257696
(72) GRIFFIN III, Alfred Charles; PETERSEN, Kelsey
(74) WRAYS PTY LTD

(71) Linde GmbH
(11) AU-A-2023235621
(21) 2023235621 **(22)** 25.09.2023
(54) Method and plant for producing one or more electrolysis products
(51) Int. Cl.
C25B 15/02 (2021.01)
C25B 1/04 (2021.01)
C25B 9/19 (2021.01)
C25B 9/70 (2021.01)
C25B 9/77 (2021.01)
(31) 22020472.1 **(32)** 29.09.22 **(33)** EP
(43) 18.04.2024
(72) WOLF, Andreas; WELLENHOFER, Anton; FRUHMANN, Christian; LAUCHNER, Daniela; DILLIG, Marius; Mariyana, CHALAKOVA; Ole, MÜLLER-THORWART; Robert, BIRK; Robert, HERZOG
(74) Griffith Hack

(71) Majkic, B.
(11) AU-A-2023233121
(21) 2023233121 **(22)** 21.09.2023
(54) Campers Hut
(51) Int. Cl.
E04H 15/00 (2006.01)
E04B 1/343 (2006.01)
E04B 1/344 (2006.01)
(31) 2022902830 **(32)** 30.09.22 **(33)** AU
(43) 18.04.2024
(72) Majkic, Bogdan
(74) Bogdan Majkic

(71) Majkic, B.
(11) AU-A-2023237155
(21) 2023237155 **(22)** 28.09.2023
(54) Vertical Wind Turbine with Navigated Wind
(51) Int. Cl.
F03D 3/00 (2006.01)
F03D 3/04 (2006.01)
(31) 2022902842 **(32)** 30.09.22 **(33)** AU
(43) 18.04.2024
(72) Majkic, Bogdan
(74) Bogdan Majkic

(71) MAMMOTH INDUSTRIES PTY LTD
(11) AU-A-2023219869
(21) 2023219869 **(22)** 23.08.2023
(54) REVERSIBLE BIFOLD DOOR ROLLER ASSEMBLY
(51) Int. Cl.
E05D 15/26 (2006.01)
E05D 15/06 (2006.01)
E06B 3/48 (2006.01)
E05D 7/00 (2006.01)
E05D 7/04 (2006.01)
(31) 2022902822 **(32)** 29.09.22 **(33)** AU
(43) 18.04.2024
(72) LANG, Craig; KEEN, Matthew
(74) Churchill Attorneys

(71) Massachusetts Institute of Technology; President and Fellows of Harvard College; The Broad Institute Inc.
(11) AU-A-2024202007
(21) 2024202007 **(22)** 28.03.2024
(54) Novel CRISPR enzymes and systems
(51) Int. Cl.
C12N 15/113 (2010.01)
C12N 9/22 (2006.01)
C12N 15/10 (2006.01)
C12N 15/82 (2006.01)
(43) 18.04.2024
(62) 2021200010
(72) ZHANG, Feng; ZETSCHKE, Bernd; GOOTENBERG, Jonathan S.; ABUDAYYEH, Omar O.; SLAYMAKER, Ian
(74) FPA Patent Attorneys Pty Ltd

(71) Massey, G.
(11) AU-A-2023237213
(21) 2023237213 **(22)** 02.10.2023
(54) Asset Control System and Method
(51) Int. Cl.
G07C 5/08 (2006.01)
G06Q 10/04 (2023.01)
G06Q 10/20 (2023.01)
G07C 5/00 (2006.01)
(31) 2022902857 **(32)** 03.10.22 **(33)** AU
(43) 18.04.2024
(72) Massey, Geoffrey
(74) WRAYS PTY LTD

(71) MedImmune Limited
(11) AU-A-2024200601
(21) 2024200601 **(22)** 31.01.2024
(54) ANTIBODIES TO ALPHA-SYNUCLEIN AND USES THEREOF
(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/00 (2006.01)
C07K 16/46 (2006.01)
(43) 18.04.2024
(62) 2017272804
(72) Perkinson, Michael; Schofield, Darren; Irving, Lorraine; Thom, George
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Metabolon, Inc.
(11) AU-A-2024202018
(21) 2024202018 **(22)** 28.03.2024
(54) Small molecule biochemical profiling of individual subjects for disease diagnosis and health assessment
(51) Int. Cl.
G01N 33/50 (2006.01)
(43) 18.04.2024
(62) 2021212145
(72) Milburn, Michael V.; Ryals, John A.; Guo, Lining; Eckhart, Andrea; Wulff, Jacob; Kennedy, Adam D.; Jonsson, Thomas J.; Michalek, Ryan Douglas; Wittmann, Bryan; Mitchell, Matthew
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2023233059

(71) NEC Corporation
(11) AU-A-2024202070
(21) 2024202070 **(22)** 29.03.2024
(54) GATE DEVICE, AUTHENTICATION SYSTEM, GATE CONTROL METHOD, AND STORAGE MEDIUM
(51) Int. Cl.
G06T 1/00 (2006.01)
G07C 9/00 (2020.01)
(43) 18.04.2024
(62) 2020436230
(72) INOUE, Junichi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Ningbo Guangjing Technology Co., Ltd.
(11) AU-A-2023201082
(21) 2023201082 **(22)** 23.02.2023
(54) PHOTOVOLTAIC SHUTDOWN CIRCUIT AND PHOTOVOLTAIC SYSTEM
(51) Int. Cl.
H02J 9/04 (2006.01)
H02H 3/00 (2006.01)
H02H 7/22 (2006.01)
H02J 1/02 (2006.01)
H02J 3/01 (2006.01)
H02J 7/00 (2006.01)
H02M 1/44 (2007.01)
H02M 3/00 (2006.01)
(31) CN202211210993.6**(32)** 30.09.22 **(33)** CN
(43) 18.04.2024
(72) Yuan, Zhen; Mei, Guojun; Wang, Ji-ancheng; Lv, Chao
(74) Madderns Pty Ltd

(71) nMetric, LLC
(11) AU-A-2024202056
(21) 2024202056 **(22)** 28.03.2024
(54) Genetic algorithm with deterministic logic
(51) Int. Cl.
G06Q 10/10 (2023.01)
G06N 3/00 (2023.01)
G06Q 10/06 (2023.01)
(43) 18.04.2024
(62) 2020361627
(72) KOSKI, Christine; COOK, Stephen; HEATON, Ryan; WATTS, Jonathan
(74) Davies Collison Cave Pty Ltd

(71) Nokia Technologies Oy
(11) AU-A-2024201999
(21) 2024201999 **(22)** 27.03.2024
(54) Random access in communication system
(51) Int. Cl.
H04W 72/04 (2023.01)
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(62) 2020427793
(72) TURTINEN, Samuli; WU, Chunli
(74) Spruson & Ferguson

(71) Northquip Inc.
(11) AU-A-2022283727
(21) 2022283727 **(22)** 08.12.2022
(54) Portable Livestock Corral with Dual and Single Alley Modes of Operation, Bud Box Capability, and Transport Safety Bar
(51) Int. Cl.
A01K 1/02 (2006.01)
A61D 3/00 (2006.01)
B60P 3/04 (2006.01)
E04H 17/18 (2006.01)
(31) 3,177,667 **(32)** 29.09.22 **(33)** CA
(43) 18.04.2024
(72) Langrell, Stephen Arthur
(74) Michael Buck IP

(71) Novartis AG; The Trustees of the University of Pennsylvania
(11) AU-A-2024201926
(21) 2024201926 **(22)** 26.03.2024
(54) Human mesothelin chimeric antigen receptors and uses thereof
(51) Int. Cl.
C12N 15/62 (2006.01)
A61K 48/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
(43) 18.04.2024
(62) 2023200884
(72) Beatty, Gregory; Engels, Boris; Idam-akanti, Neeraja; June, Carl H.; Loew, Andreas; Song, Huijuan; Wu, Qilong
(74) Davies Collison Cave Pty Ltd

(71) Nunhems B.V.
(11) AU-A-2023237123
(21) 2023237123 **(22)** 28.09.2023
(54) Tomato variety NUN 01547 TOF
(51) Int. Cl.
A01H 6/82 (2018.01)
A01H 1/04 (2006.01)
A01H 5/08 (2018.01)
(31) 63/411458 **(32)** 29.09.22 **(33)** US
(43) 18.04.2024
(72) Bustamante Porras, Jose Wilfredo
(74) Davies Collison Cave Pty Ltd

(71) OASIS AEROSPACE INC.
(11) AU-A-2023241269
(21) 2023241269 **(22)** 03.10.2023
(54) Battery module clamshell
(51) Int. Cl.
H01M 50/112 (2021.01)
H01M 10/63 (2014.01)
H01M 50/204 (2021.01)
H01M 50/231 (2021.01)
H01M 50/242 (2021.01)
H01M 50/249 (2021.01)
H01M 50/284 (2021.01)
H01M 50/296 (2021.01)
H05K 1/18 (2006.01)
H05K 5/02 (2006.01)

H05K 7/12 (2006.01)
(31) 63/412,720 **(32)** 03.10.22 **(33)** US
(43) 18.04.2024
(72) TISCHER, Eric; HOLMES, Scott; LOCKWOOD, Thomas
(74) FB Rice Pty Ltd

(71) OilQuick Deutschland KG
(11) AU-A-2023219875
(21) 2023219875 **(22)** 23.08.2023
(54) QUICK COUPLER
(51) Int. Cl.
F16L 37/02 (2006.01)
(31) 10 2022 125 112.8 **(32)** 29.09.22 **(33)** DE
(43) 18.04.2024
(72) SCHAUER, Stefan
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) PolyJoule, Inc.
(11) AU-A-2024202012
(21) 2024202012 **(22)** 28.03.2024
(54) DEVICES AND METHODS INCLUDING POLYACETYLENES
(51) Int. Cl.
H01G 11/32 (2013.01)
H01G 11/48 (2013.01)
(43) 18.04.2024
(62) 2022200458
(72) Swager, Timothy M.; Hunter, Ian W.; Zhu, Zhengguo
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Precision Biosciences, Inc.
(11) AU-A-2024202080
(21) 2024202080 **(22)** 02.04.2024
(54) Dystrophin gene exon deletion using engineered nucleases
(51) Int. Cl.
A61K 38/00 (2006.01)
A61K 38/46 (2006.01)
A61K 48/00 (2006.01)
C12N 15/00 (2006.01)
(43) 18.04.2024
(62) 2020260387
(72) JANTZ, Derek; SMITH, James Jefferson; NICHOLSON, Michael G.
(74) Davies Collison Cave Pty Ltd

(71) Precision Medicine Holdings Pty Ltd
(11) AU-A-2024202061
(21) 2024202061 **(22)** 28.03.2024
(54) DIAGNOSIS, PROGNOSIS AND TREATMENT FOR SCHIZOPHRENIA AND SCHIZOAFFECTIVE PSYCHOSIS
(51) Int. Cl.
G01N 33/48 (2006.01)
(43) 18.04.2024
(62) 2017331814
(72) Williams, Stephanie Sue; Tucker, Graeme
(74) Davies Collison Cave Pty Ltd

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**President and Fellows of Harvard College
see Massachusetts Institute of Technology**
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(71) Promaxo, Inc.
(11) AU-A-2024202037
(21) 2024202037 (22) 28.03.2024
(54) Single-sided fast MRI gradient field coils and applications thereof
(51) Int. Cl.
G01R 33/381 (2006.01)
(43) 18.04.2024
(62) 2022202081
(72) NACEV, Alexander; MALIK, Pulkit
(74) Spruson & Ferguson

(71) Pywell, S.; Wyrewenaden, C.
(11) AU-A-2022241632
(21) 2022241632 (22) 03.10.2022
(54) DOG COLLAR
(51) Int. Cl.
A01K 27/00 (2006.01)
A01K 1/062 (2006.01)
A01K 15/04 (2006.01)
(43) 18.04.2024
(72) Pywell, Seth; Wyrewenaden, Christopher
(74) Mann IP

(71) Qualcomm Incorporated
(11) AU-A-2024202063
(21) 2024202063 (22) 28.03.2024
(54) TRANSMISSION SCHEME MANAGEMENT FOR COMMON CHANNELS IN NR
(51) Int. Cl.
H04W 56/00 (2009.01)
H04W 48/16 (2009.01)
(43) 18.04.2024
(62) 2022204271
(72) Chen, Wanshi; Luo, Tao
(74) Madderns Pty Ltd

(71) Qualitas Manufacturing Incorporated
(11) AU-A-2022246458
(21) 2022246458 (22) 07.10.2022
(54) Rolling shutter retractable stop bar
(51) Int. Cl.
E06B 9/80 (2006.01)
E06B 9/15 (2006.01)
E06B 9/92 (2006.01)
(31) 17/958,588 (32) 03.10.22 (33) US
(43) 18.04.2024
(72) ZARBECK, Craig N.; AMIL, Orlando
(74) Spruson & Ferguson

(71) Research Triangle Institute
(11) AU-A-2024202002
(21) 2024202002 (22) 27.03.2024
(54) Method of Making Colloidal Suspensions of Metal Organic Frameworks in Polymeric Solutions and Uses Thereof
(51) Int. Cl.
B01J 20/22 (2006.01)
B01J 20/28 (2006.01)
B01J 31/22 (2006.01)

(43) 18.04.2024
(62) 2019270164
(72) LUZ MINGUEZ, Ignacio; SOUKRI, Mustapha; LAIL, Marty; TOY, Lora Goon
(74) WRAYS PTY LTD

(71) Rodriguez, R.
(11) AU-A-2023203024
(21) 2023203024 (22) 15.05.2023
(54) METHODS AND SYSTEMS FOR DETERMINING THE AUTHENTICITY OF AN IDENTITY DOCUMENT
(51) Int. Cl.
G06T 7/00 (2017.01)
G06V 10/764 (2022.01)
(31) 17/959,731 (32) 04.10.22 (33) US
(43) 18.04.2024
(72) Rodriguez, Raphael
(74) Wallington-Dummer

(71) Schlumberger Technology B.V.
(11) AU-A-2024201986
(21) 2024201986 (22) 27.03.2024
(54) Spherical elastomeric mounts
(51) Int. Cl.
B07B 1/46 (2006.01)
F16C 23/04 (2006.01)
(43) 18.04.2024
(62) 2018297244
(72) MERANDA, Christopher T.; MAYER, Marc D.
(74) Griffith Hack

(71) Season Bright (Cambodia) Electronic Lighting Co., Ltd
(11) AU-A-2022291503
(21) 2022291503 (22) 21.12.2022
(54) WATER-PROOF DECORATIVE LAMP AND LAMP STRING
(51) Int. Cl.
F21V 31/00 (2006.01)
F21S 4/20 (2016.01)
F21V 15/00 (2015.01)
F21V 23/00 (2015.01)
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(31) 202222604416.7 (32) 29.09.22 (33) CN
(43) 18.04.2024
(72) LAM, Su lo
(74) Flint Intellectual Property Limited

(71) SEB S.A.
(11) AU-A-2023237165
(21) 2023237165 (22) 29.09.2023
(54) Cooking appliance with dual user interface
(51) Int. Cl.
A47J 44/00 (2006.01)
A47J 37/06 (2006.01)
A47J 37/07 (2006.01)
(31) FR2210019 (32) 30.09.22 (33) FR
(43) 18.04.2024
(72) ROBIN, Jean-Philippe
(74) Griffith Hack

(71) Shanghai Linghuo Trading Co., Ltd.
(11) AU-A-2023201563
(21) 2023201563 (22) 14.03.2023
(54) AN ADJUSTABLE FRONT AXLE AND A VEHICLE HAVING SAME
(51) Int. Cl.
B60B 35/00 (2006.01)
B60B 35/16 (2006.01)
B62D 17/00 (2006.01)
(31) 202223241482.9 (32) 02.12.22 (33) CN
CN202223243015.X 02.12.22 CN
CN202223241559.2 02.12.22 CN
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(43) 18.04.2024
(62) 2023200334
(72) DU, Dehui; FU, Jia; CHENG, Bin
(74) Remarkable IP

(71) Shanghai Linghuo Trading Co., Ltd.
(11) AU-A-2023201565
(21) 2023201565 (22) 14.03.2023
(54) AN ADJUSTABLE FRONT AXLE AND A VEHICLE HAVING SAME
(51) Int. Cl.
B60B 35/00 (2006.01)
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B62D 17/00 (2006.01)
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(62) 2023200334
(72) DU, Dehui; FU, Jia; CHENG, Bin
(74) MOHAN MURALI KODIVEL

(71) Sharp Kabushiki Kaisha
(11) AU-A-2023200194
(21) 2023200194 (22) 16.01.2023
(54) Triggering of cell reselection evaluation process in non-terrestrial network
(51) Int. Cl.
H04B 7/185 (2006.01)
(31) 17/956,736 (32) 29.09.22 (33) US
(43) 18.04.2024
(72) Sugiyama, Edward Masami
(74) Davies Collison Cave Pty Ltd

(71) Sharp Kabushiki Kaisha
(11) AU-A-2023200601
(21) 2023200601 (22) 06.02.2023
(54) Video coding apparatus and video decoding apparatus
(51) Int. Cl.
G06T 3/00 (2006.01)
G06N 3/02 (2006.01)
G06N 3/08 (2023.01)
G06V 10/20 (2022.01)
H04N 19/117 (2014.01)
H04N 19/46 (2014.01)
H04N 19/85 (2014.01)
(31) 2022-153692 (32) 27.09.22 (33) JP
(43) 18.04.2024
(72) Chujoh, Takeshi; Ikai, Tomohiro; Yasugi, Yukinobu; Tokumo, Yasuaki; Aono, Tomoko; Takada, Keiichiro
(74) Davies Collison Cave Pty Ltd

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(71) Sharp Kabushiki Kaisha
 (11) AU-A-2023201396
 (21) 2023201396 (22) 07.03.2023
 (54) Terminal apparatus, method, and integrated circuit
 (51) Int. Cl.
H04W 72/40 (2023.01)
H04W 40/22 (2009.01)
H04W 76/14 (2018.01)
H04W 76/20 (2018.01)
H04W 76/23 (2018.01)
H04W 88/04 (2009.01)
 (31) 2022-156296 (32) 29.09.22 (33) JP
 (43) 18.04.2024
 (72) Kawano, Takuma; Yamada, Shohei; Tsuboi, Hidekazu; Inoue, Kyosuke; Miyake, Taichi
 (74) Davies Collison Cave Pty Ltd

(71) Sharp Kabushiki Kaisha
 (11) AU-A-2023201405
 (21) 2023201405 (22) 07.03.2023
 (54) Terminal apparatus, and method
 (51) Int. Cl.
H04W 88/02 (2009.01)
H04W 48/02 (2009.01)
H04W 48/16 (2009.01)
H04W 76/27 (2018.01)
H04W 76/28 (2018.01)
 (31) 2022-156295 (32) 29.09.22 (33) JP
 (43) 18.04.2024
 (72) Kawano, Takuma; Yamada, Shohei; Tsuboi, Hidekazu; Inoue, Kyosuke; Miyake, Taichi
 (74) Davies Collison Cave Pty Ltd

(71) Sharp Kabushiki Kaisha
 (11) AU-A-2023201409
 (21) 2023201409 (22) 07.03.2023
 (54) Terminal apparatus, method, and integrated circuit
 (51) Int. Cl.
H04W 76/18 (2018.01)
H04W 72/04 (2023.01)
H04W 74/04 (2009.01)
H04W 76/23 (2018.01)
 (31) 2022-156294 (32) 29.09.22 (33) JP
 (43) 18.04.2024
 (72) Kawano, Takuma; Yamada, Shohei; Tsuboi, Hidekazu; Inoue, Kyosuke; Miyake, Taichi
 (74) Davies Collison Cave Pty Ltd

(71) Snap-on Incorporated
 (11) AU-A-2024202092
 (21) 2024202092 (22) 02.04.2024
 (54) Impact tool with tapered anvil wing design
 (51) Int. Cl.
B25B 21/02 (2006.01)
B25B 23/00 (2006.01)
B25D 17/00 (2006.01)
 (43) 18.04.2024
 (62) 2022204796
 (72) JACQUE, Saiphon C.; ROBILLARD, Adrian J.; FUHRECK, John E.; KOHLS, Collin T.
 (74) Griffith Hack

(71) SNIPR Technologies Limited
 (11) AU-A-2024202021
 (21) 2024202021 (22) 28.03.2024
 (54) Altering microbial populations & modifying microbiota
 (51) Int. Cl.
C12N 15/113 (2010.01)
A01N 63/00 (2020.01)
A61K 31/7105 (2006.01)
C12N 9/16 (2006.01)
 (43) 18.04.2024
 (62) 2023202066
 (72) CLUBE, Jasper; SOMMER, Morten; GRØNDAHL, Christian; VAN DER HELM, Eric; VAZQUEZ-URIBE, Ruben
 (74) Griffith Hack

(71) State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company
 (11) AU-A-2023202496
 (21) 2023202496 (22) 24.04.2023
 (54) AN ON-LINE MONITORING METHOD AND SYSTEM FOR FUGITIVE CARBON EMISSION IN CEMENT INDUSTRIAL PLANT AREA
 (51) Int. Cl.
G01F 1/684 (2006.01)
G01F 1/86 (2006.01)
G01F 7/00 (2006.01)
 (31) 2022112163273 (32) 30.09.22 (33) CN
 (43) 18.04.2024
 (72) Chen, Kun; Zhang, Hangtong; Liu, Zhengsheng; Yang, Ziyue; Wang, Yanqiao; Zhao, Xizheng; Zhu, Yuchao; Yang, Yukun
 (74) Madderns Pty Ltd

(71) Sungrow Power Supply Co., Ltd.
 (11) AU-A-2023226642
 (21) 2023226642 (22) 05.09.2023
 (54) Plug for a connector and the connector
 (51) Int. Cl.
H01R 13/62 (2006.01)
H01R 13/627 (2006.01)
H01R 13/639 (2006.01)
H01R 24/38 (2011.01)
 (31) 202222600206.0 (32) 29.09.22 (33) CN
 (43) 18.04.2024
 (72) SHEN, Zhanliang
 (74) FB Rice Pty Ltd

(71) SUPERSONIC IMAGINE
 (11) AU-A-2023222927
 (21) 2023222927 (22) 31.08.2023
 (54) METHOD FOR DRIVING A TRANSMITTING DEVICE
 (51) Int. Cl.
G01S 3/02 (2006.01)
A61B 8/00 (2006.01)
G01S 15/00 (2020.01)
H04B 11/00 (2006.01)
 (31) 2210030 (32) 30.09.22 (33) FR

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 (72) Cordonnier, Hubert; Laville, Vincent; Martin, Jean-Alain; Martinez, Julien; Roux, Guillaume
 (74) ET Intellectual Property

(71) Teva Pharmaceuticals International GmbH
 (11) AU-A-2024202045
 (21) 2024202045 (22) 28.03.2024
 (54) Sustained release olanzapine formulations
 (51) Int. Cl.
A61K 9/16 (2006.01)
A61K 31/551 (2006.01)
A61K 47/34 (2017.01)
 (43) 18.04.2024
 (62) 2018238136
 (72) SMITH, Mark Alan; CLAASSEN-PUNT, Carine; CHEN, Ling; GERSHON, Ari Andrew
 (74) Spruson & Ferguson

(71) The Board of Regents of The University of Texas System
 (11) AU-A-2023237087
 (21) 2023237087 (22) 27.09.2023
 (54) Methods and compositions for transport, storage, and delivery of nucleic acids and other molecules
 (51) Int. Cl.
A61K 9/70 (2006.01)
A61K 9/08 (2006.01)
A61K 31/7105 (2006.01)
A61K 31/711 (2006.01)
A61K 47/10 (2017.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
 (31) 63/411460 (32) 29.09.22 (33) US
 63/466053 12.05.23 US
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 (72) Doan, Trang; Croyle, Maria
 (74) FPA Patent Attorneys Pty Ltd

The Broad Institute Inc. see Massachusetts Institute of Technology
 (21) 2024202007

(71) The Jackson Laboratory
 (11) AU-A-2024202008
 (21) 2024202008 (22) 28.03.2024
 (54) Method of determining toxicity of an immunomodulatory drug for use in humans
 (51) Int. Cl.
G01N 33/50 (2006.01)
A01K 67/027 (2006.01)
G01N 33/68 (2006.01)
 (43) 18.04.2024
 (62) 2018254420
 (72) KECK, James; Ye, Chunting
 (74) Spruson & Ferguson

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(71) The Raymond Corporation
 (11) AU-A-2023241271
 (21) 2023241271 (22) 03.10.2023
 (54) Obstacle detection functionality for material handling vehicles based on location
 (51) Int. Cl.
B60W 30/09 (2012.01)
B60W 10/20 (2006.01)
B60W 30/095 (2012.01)
B60W 40/02 (2006.01)
B60W 40/105 (2012.01)
B60W 60/00 (2020.01)
G01S 17/93 (2020.01)
G05D 1/00 (2024.01)
G05D 1/20 (2024.01)
 (31) 63/413,138 (32) 04.10.22 (33) US
 (43) 18.04.2024
 (72) D'ACCOLTI, Anthony V.; MCLACHLAN, Robert P.; MURLI, Sathvik
 (74) GLMR

(71) The Regents of the University of California
 (11) AU-A-2024202087
 (21) 2024202087 (22) 02.04.2024
 (54) Cognition and memory enhancement via multiple odorant stimulation
 (51) Int. Cl.
A61M 11/00 (2006.01)
A61L 9/00 (2006.01)
A61L 9/12 (2006.01)
A61L 9/14 (2006.01)
B05B 12/02 (2006.01)
B05B 12/04 (2006.01)
B05B 12/14 (2006.01)
 (43) 18.04.2024
 (62) 2019252921
 (72) LEON, Michael
 (74) Pearce IP Pty Ltd

(71) The Scripps Research Institute
 (11) AU-A-2024202046
 (21) 2024202046 (22) 28.03.2024
 (54) Chimeric antigen receptor effector cell switches with humanized targeting moieties and/or optimized chimeric antigen receptor interacting domains and uses thereof
 (51) Int. Cl.
C07K 16/14 (2006.01)
A61K 35/17 (2015.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 14/395 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
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 (62) 2017345479
 (72) Young, Travis S.; Presta, Leonard; Rodgers, David; Hampton, Eric; Wright, Timothy; Schultz, Peter G.; Laborda, Eduardo; Khialeeva, Elvira; Viaud, Sophie
 (74) RnB IP Pty Ltd

(71) The Toro Company
 (11) AU-A-2024201982

(21) 2024201982 (22) 27.03.2024
 (54) BARRIER PASSAGE SYSTEM FOR AUTONOMOUS WORKING MACHINE
 (51) Int. Cl.
E06B 11/02 (2006.01)
A01D 34/00 (2006.01)
E01F 13/06 (2006.01)
E04H 6/20 (2006.01)
E05F 15/77 (2015.01)
G07C 9/00 (2020.01)
 (43) 18.04.2024
 (62) 2020256049
 (72) FRICK, Alexander Steven; ARENDT, Peter M.; CURTIS, Aaron Y.
 (74) Michael Buck IP

The Trustees of the University of Pennsylvania see Novartis AG
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(71) TIAX LLC
 (11) AU-A-2024201969
 (21) 2024201969 (22) 27.03.2024
 (54) NEUTRALIZATION COMPOSITIONS AND METHODS FOR THEIR USE
 (51) Int. Cl.
A62D 5/00 (2006.01)
A62D 3/02 (2007.01)
A62D 3/30 (2007.01)
 (43) 18.04.2024
 (62) 2018304153
 (72) BELTIS, Kevin
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023219965

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 (21) 2023226686

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 (21) 2023226692

(71) ValiMail Inc.
 (11) AU-A-2024201925
 (21) 2024201925 (22) 26.03.2024
 (54) AUTOMATED AUTHENTICATION AND AUTHORIZATION IN A COMMUNICATION SYSTEM
 (51) Int. Cl.
H04L 9/40 (2022.01)
H04L 61/00 (2022.01)
H04L 65/40 (2022.01)
 (43) 18.04.2024
 (62) 2021209899
 (72) Abbott, Jack William; Barclay, Robert Benjamin; Blank, Seth Joshua; Wilson, Ashley Duane; Goldstein, Peter Martin
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) VOLVO AUTONOMOUS SOLUTIONS AB
 (11) AU-A-2023210641
 (21) 2023210641 (22) 03.08.2023
 (54) A LOAD-CARRIER VEHICLE
 (51) Int. Cl.
G01F 23/00 (2022.01)
B60P 1/16 (2006.01)
G01G 19/08 (2006.01)
 (31) 22197325.8 (32) 23.09.22 (33) EP
 (43) 18.04.2024
 (72) NORESSON, Oskar
 (74) Griffith Hack

(71) Wemade Co., Ltd.
 (11) AU-A-2023202544
 (21) 2023202544 (22) 27.04.2023
 (54) METHOD FOR PROVIDING STABLE-COIN SERVICES OVER THE BLOCKCHAIN NETWORK AND BLOCKCHAIN SYSTEM USING THE SAME
 (51) Int. Cl.
G06Q 20/38 (2012.01)
G06Q 40/04 (2012.01)
H04L 9/32 (2006.01)
 (31) 10-2022-0124750 (32) 29.09.22 (33) KR
 (43) 18.04.2024
 (72) SONG, MOHEON
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

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 (21) 2022241632

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 (21) 20232026228

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(21) 2023208083

- (71) Ziva Connect Pty Ltd
- (11) AU-A-2024202015
- (21) 2024202015 (22) 28.03.2024
- (54) User verification systems and methods
- (51) Int. Cl.
 H04L 9/08 (2006.01)
- (43) 18.04.2024
- (62) 2022200415
- (72) VASQUEZ, Jose Luis Lobo; HERTZOG,
 Yuval; VALLADOLID, Dominique;
 SPENCER, Matthew; LOEWY, Michael;
 ELNEKAVE, Issac; SUSILO, Willy
- (74) FB Rice Pty Ltd

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2023214258	Aristocrat Technologies, Inc.	2024201974	Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2023214259	Aristocrat Technologies, Inc.	2024201975	Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2023214287	Aristocrat Technologies, Inc.	2024201976	Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2023214336	Aristocrat Technologies, Inc.	2024201977	Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2023216775	Aristocrat Technologies, Inc.	2024201978	Daifuku Intralogistics America Corporation; Daifuku Co., Ltd.
2023216820	Aristocrat Technologies, Inc.	2024201979	Angel Group Co., Ltd.
2023216854	Aristocrat Technologies, Inc.	2024201982	The Toro Company
2023216870	Deere & Company	2024201986	Schlumberger Technology B.V.
2023216899	Block, Inc.	2024201988	CaaMTech, Inc.
2023216900	Aristocrat Technologies, Inc.	2024201994	Kiverdi, Inc.
2023216909	Aristocrat Technologies, Inc.	2024201999	Nokia Technologies Oy
2023219869	MAMMOTH INDUSTRIES PTY LTD	2024202002	Research Triangle Institute
2023219875	OilQuick Deutschland KG		
2023219965	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
2023219968	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
2023219978	Greenworks (Jiangsu) Co., Ltd		
2023222837	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation		
2023222927	SUPERSONIC IMAGINE		

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2024202003	Hasan, S.K.
2024202005	ISA Pharmaceuticals B.V.
2024202006	AxoGen Corporation
2024202007	Massachusetts Institute of Technology; President and Fellows of Harvard College; The Broad Institute Inc.
2024202008	The Jackson Laboratory
2024202012	PolyJoule, Inc.
2024202013	Fisher & Paykel Healthcare Limited
2024202014	FISHER & PAYKEL HEALTHCARE LIMITED
2024202015	Ziva Connect Pty Ltd
2024202016	Creatz Inc.
2024202017	LEE, H.
2024202018	Metabolon, Inc.
2024202019	Brilliant Light Power, Inc.
2024202020	Block, Inc.
2024202021	SNIPR Technologies Limited
2024202023	Kai Concepts, LLC
2024202024	Elekta Ltd.
2024202025	Checkpoint Surgical, Inc.
2024202029	Fisher & Paykel Healthcare Limited
2024202035	Bongo Learn, Inc.
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2024202044	Down Under Enterprises International Pty Limited
2024202045	Teva Pharmaceuticals International GmbH
2024202046	The Scripps Research Institute
2024202047	GILEAD SCIENCES, INC.
2024202049	Gilead Sciences, Inc.
2024202050	Aristocrat Technologies Australia Pty Limited
2024202051	Concert Pharmaceuticals Inc.
2024202052	Janssen Pharmaceutica NV
2024202053	LightForce Orthodontics, Inc.
2024202055	BASF SE
2024202056	nMetric, LLC
2024202059	Fain, R.
2024202061	Precision Medicine Holdings Pty Ltd
2024202063	Qualcomm Incorporated
2024202064	Diversify Finance Limited
2024202068	Lamle, S.
2024202069	F. Hoffmann-La Roche AG
2024202070	NEC Corporation
2024202080	Precision Biosciences, Inc.
2024202083	Interscope, Inc.
2024202085	Gilead Sciences, Inc.
2024202086	Amgen Inc.
2024202087	The Regents of the University of California
2024202092	Snap-on Incorporated
2024202096	Acres Technology
2024202097	K F GROUP PTY LTD

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- . (*) Title not in Roman characters
 - . (**) Title not given
- (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

(71) Janssen Biotech, Inc.
 (11) AU-A-2024100016
 (21) 2024100016 (22) 21.03.2024
 (54) Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody
 (51) Int. Cl.
 C07K 16/24 (2006.01)
 A61K 9/08 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/18 (2017.01)
 A61K 47/26 (2006.01)
 A61P 1/00 (2006.01)
 (45) 18.04.2024
 (62) 2023201217
 (72) JOHANNNS, Jewel; LI, Katherine; MARANO, Colleen; STRAUSS, Richard; ZHANG, Hongyan; ADEDOKUN, Omoniyi; O'BRIEN, Christopher; SHIELDS-TUTTLE, Kimberly
 (74) Davies Collison Cave Pty Ltd

(71) Janssen Biotech, Inc.
 (11) AU-A-2024100017
 (21) 2024100017 (22) 21.03.2024
 (54) Safe and effective method of treating ulcerative colitis with anti-il12/il23 antibody
 (51) Int. Cl.
 C07K 16/24 (2006.01)
 A61K 9/08 (2006.01)
 A61K 39/395 (2006.01)
 A61K 47/18 (2017.01)
 A61K 47/26 (2006.01)
 A61P 1/00 (2006.01)
 (45) 18.04.2024
 (62) 2023201217
 (72) JOHANNNS, Jewel; LI, Katherine; MARANO, Colleen; STRAUSS, Richard; ZHANG, Hongyan; ADEDOKUN, Omoniyi; O'BRIEN, Christopher; SHIELDS-TUTTLE, Kimberly
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- . (*) Title not in Roman characters
- . (**) Title not given

<p>(71) ABBELIGHT (11) AU-A-2022354557 (21) 2022354557 (22) 28.09.2022 (54) APPARATUS FOR LOCALIZING SINGLE FLUORESCENT MOLECULES COMPRISED IN A SAMPLE USING SINGLE MOLECULE LOCALIZATION MICROSCOPY (51) Int. Cl. G01N 21/64 (2006.01) (87) WO2023/052384 (31) 21306377.9 (32) 01.10.21 (33) EP (43) 06.04.2023 (72) BOURG, Nicolas; CAORSI, Valentina (74) FB Rice Pty Ltd</p>	<p>(71) ADEPTMIND INC. (11) AU-A-2022360029 (21) 2022360029 (22) 04.10.2022 (54) SYSTEM AND METHOD FOR IMPROVING E-COMMERCE (51) Int. Cl. G06Q 30/02 (2023.01) G06F 16/906 (2019.01) G06F 16/953 (2019.01) (87) WO2023/056553 (31) 63/252,354 (32) 05.10.21 (33) US (43) 13.04.2023 (72) WU, Zhiyuan; HE, Jing; BULZAK, Sebastian; REGALADO, Sebastian; WILSON, Ryan; METWALY, Mohamed (74) Alder IP Pty Ltd</p>	<p><i>B82Y 40/00</i> (2011.01) (87) WO2023/056457 (31) PCT/ (32) 30.09.21 (33) US US2021/052974 (43) 06.04.2023 (72) BRAMAN, Jeffrey, Carl; NOVORADOVSKAYA, Natalia; LONG, David; RICHTER, Bruce; LUCAS, Derick (74) PHILLIPS ORMONDE FITZPATRICK</p>
<p>(71) ABIOMED, INC. (11) AU-A-2022370060 (21) 2022370060 (22) 21.10.2022 (54) SYSTEMS AND METHODS FOR DETECTING SUCTION EVENTS IN BLOOD PUMPS (51) Int. Cl. A61M 60/538 (2021.01) A61M 60/135 (2021.01) (87) WO2023/069713 (31) 63/270,940 (32) 22.10.21 (33) US (43) 27.04.2023 (72) ALWATBAN, Mohammed; DAS-CHEWSKI, Maxim; TAN, Qing; CHUEV, Andre; EL KATERJI, Ahmad (74) Davies Collison Cave Pty Ltd</p>	<p>(71) AGILENT TECHNOLOGIES, INC. (11) AU-A-2022343300 (21) 2022343300 (22) 12.09.2022 (54) GUIDE RNAS WITH CHEMICAL MODIFICATION FOR PRIME EDITING (51) Int. Cl. C12N 9/22 (2006.01) C12N 15/113 (2010.01) <i>C12N 15/11</i> (2006.01) <i>C12N 15/62</i> (2006.01) (87) WO2023/039586 (31) 63/243,055 (32) 10.09.21 (33) US (43) 16.03.2023 (72) RYAN, Daniel E.; DELLINGER, Douglas J.; KAISER, Robert (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) AGRICULTURE VICTORIA SERVICES PTY LTD (11) AU-A-2022341127 (21) 2022341127 (22) 09.09.2022 (54) METHODS FOR THE MODIFICATION OF CELLS, MODIFIED CELLS AND USES THEREOF (51) Int. Cl. C12N 15/113 (2010.01) C12N 9/02 (2006.01) C12N 15/82 (2006.01) (87) WO2023/035035 (31) 2021902919 (32) 09.09.21 (33) AU 2021904262 24.12.21 AU (43) 16.03.2023 (72) MATCHETT-OATES, Lennon James; COGAN, Noel; SPANGENBERG, German; MOHAMADEN, Ehab Ibrahim Ahmed (74) Davies Collison Cave Pty Ltd</p>
<p>(71) ADARX PHARMACEUTICALS, INC. (11) AU-A-2022357561 (21) 2022357561 (22) 30.09.2022 (54) PREKALLIKREIN-MODULATING COMPOSITIONS AND METHODS OF USE THEREOF (51) Int. Cl. C12N 15/113 (2010.01) A61P 9/10 (2006.01) C07H 21/00 (2006.01) <i>A61K 31/7115</i> (2006.01) <i>A61K 31/7125</i> (2006.01) <i>A61K 31/713</i> (2006.01) (87) WO2023/056440 (31) 63/251,571 (32) 01.10.21 (33) US 63/252,554 05.10.21 US 63/270,504 21.10.21 US 63/283,175 24.11.21 US 63/287,969 09.12.21 US (43) 06.04.2023 (72) LI, Zhen; ZHU, Rui; ZHOU, Zhiqing (Joel); FULTZ, Kimberly; STUDER, Sean (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd</p>	<p>(71) AGILENT TECHNOLOGIES, INC. (11) AU-A-2022346785 (21) 2022346785 (22) 14.09.2022 (54) METHODS FOR USING GUIDE RNAS WITH CHEMICAL MODIFICATIONS (51) Int. Cl. C12N 15/63 (2006.01) C12N 9/22 (2006.01) C12N 15/10 (2006.01) C12N 15/113 (2010.01) (87) WO2023/043856 (31) 63/243,985 (32) 14.09.21 (33) US 63/339,737 09.05.22 US (43) 23.03.2023 (72) RYAN, Daniel, E.; DELLINGER, Douglas, J.; KAISER, Robert (74) PHILLIPS ORMONDE FITZPATRICK</p>	<p>(71) AHBSTRA ENGINEERING LTD (11) AU-A-2022346228 (21) 2022346228 (22) 15.09.2022 (54) ATMOSPHERIC WATER HARVESTING DEVICE AND METHOD (51) Int. Cl. B01D 53/00 (2006.01) B01D 53/26 (2006.01) (87) WO2023/041918 (31) 2113190.9 (32) 15.09.21 (33) GB (43) 23.03.2023 (72) PERKIN, Richard (74) Chrysiliou IP</p>
<p>(71) AGILENT TECHNOLOGIES, INC. (11) AU-A-2022358580 (21) 2022358580 (22) 30.09.2022 (54) MAGNETIC NANOPARTICLES FOR SAMPLE SEPARATION (51) Int. Cl. H01F 1/00 (2006.01) C12N 15/10 (2006.01) <i>B82Y 35/00</i> (2011.01)</p>	<p>(71) AHN, J.H. (11) AU-A-2022337944 (21) 2022337944 (22) 06.09.2022 (54) CONTAINER CAP AND CONTAINER HAVING SAME COUPLED THERETO (51) Int. Cl. B65D 51/22 (2006.01) B65D 41/34 (2006.01) B65D 43/02 (2006.01) B65D 43/06 (2006.01) B65D 43/16 (2006.01) B65D 43/26 (2006.01) B65D 53/02 (2006.01) B65D 77/20 (2006.01) (87) WO2023/033632 (31) 10-2021-0119185 (32) 06.09.21 (33) KR</p>	

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 (43) 09.03.2023 (74) PHILLIPS ORMONDE FITZPATRICK
 (72) AHN, Jin Hee
 (74) Griffith Hack
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- (71) AKESO HUIKE (SHANGHAI) CO. LTD.
 (11) AU-A-2022355986
 (21) 2022355986 (22) 29.09.2022
 (54) ANTI-LAG3 BISPECIFIC ANTIBODY, PHARMACEUTICAL COMPOSITION AND USE
 (51) Int. Cl.
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A61K 38/00 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07K 16/46 (2006.01)
C12N 15/13 (2006.01)
C12N 15/63 (2006.01)
C12N 15/85 (2006.01)
 (87) WO2023/051683
 (31) 202111149114.9 (32) 29.09.21 (33) CN
 (43) 06.04.2023
 (72) ZHANG, Peng; LI, Baiyong; XIA, Yu; WANG, Zhongmin
 (74) AJ PARK
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- (71) ALCON INC.
 (11) AU-A-2022392809
 (21) 2022392809 (22) 27.10.2022
 (54) IMPROVING IMAGE-GUIDED LASER BEAM AIM TO TREAT VITREOUS FLOATERS
 (51) Int. Cl.
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 (87) WO2023/089422
 (31) 63/281,504 (32) 19.11.21 (33) US
 (43) 25.05.2023
 (72) BOR, Zsolt
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) ALCON INC.
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A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
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A61P 1/16 (2006.01)
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A23L 2/00 (2006.01)
A23J 1/20 (2006.01)
A23J 3/08 (2006.01)
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A61P 29/00 (2006.01)
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C09K 8/52 (2006.01)
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A61K 31/4162 (2006.01)
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B27N 5/02 (2006.01)
B29C 43/14 (2006.01)
B29C 51/08 (2006.01)
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B31B 50/59 (2017.01)
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H01L 23/36 (2006.01)
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F21S 4/28 (2016.01)
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C02F 1/28 (2023.01)
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F16B 39/32 (2006.01)
A61F 2/30 (2006.01)
A61F 2/44 (2006.01)
F16B 35/06 (2006.01)
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C12N 9/10 (2006.01)
C12N 15/52 (2006.01)
C12N 15/77 (2006.01)
C12P 13/06 (2006.01)
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C07K 14/34 (2006.01)
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A21D 2/26 (2006.01)
A21D 13/50 (2017.01)
A21D 13/80 (2017.01)
A23J 1/08 (2006.01)
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A23J 3/22 (2006.01)
A23L 15/00 (2016.01)
A23P 30/40 (2016.01)
C07K 14/77 (2006.01)
C12G 3/04 (2019.01)
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<p>(71) CONDUIT UK MANAGEMENT LTD (11) AU-A-2022384750 (21) 2022384750 (22) 12.10.2022 (54) THERAPEUTIC COCRYSTALS OF 3-[[5-(AZETIDINE-1-YLCARBONYL)PYRAZIN-2-YL]JOXY]-5-[[1 S]-1-METHYL-2-(METHYLOXY)ETHYL]OXY)-N-(5-METHYLPYRAZIN-2-YL)BENZAMIDE (51) Int. Cl. C07D 241/24 (2006.01) A61K 31/497 (2006.01) A61P 37/00 (2006.01) (87) WO2023/084313 (31) 63/239,979 (32) 02.09.21 (33) US (43) 19.05.2023 (72) EBERLIN, Alex; FRAMPTON, Christopher; HOLLAND, Joanne (74) ALLENS PATENT & TRADE MARK ATTORNEYS</p> <hr/> <p>(71) CORAVIN, INC (11) AU-A-2022360853 (21) 2022360853 (22) 07.10.2022 (54) PRESSURIZED GAS SUPPLY AND GAS CYLINDER (51) Int. Cl. C12G 1/06 (2019.01) B01F 23/2361 (2022.01) B01F 23/237 (2022.01) B67D 1/00 (2006.01) C12G 3/08 (2006.01) (87) WO2023/059875 (31) 63/253,833 (32) 08.10.21 (33) US (43) 13.04.2023 (72) DESLANDES, Sarah; RIDER, Michael (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) CORAVIN, INC. (11) AU-A-2022359921 (21) 2022359921 (22) 07.10.2022 (54) METHOD AND APPARATUS FOR BEVERAGE TRANSFER FROM SOURCE TO DESTINATION CONTAINER (51) Int. Cl. B67D 1/00 (2006.01) B67D 1/04 (2006.01) B67D 1/08 (2006.01) (87) WO2023/059861 (31) 63/253,848 (32) 08.10.21 (33) US 63/337,365 02.05.22 US (43) 13.04.2023 (72) RIDER, Michael; INCH, Lauren, Michelle; DERUNTZ, Otto (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p> <hr/> <p>(71) CUTLER, D. (11) AU-A-2022377327 (21) 2022377327 (22) 24.10.2022 (54) PLANK STAND (51) Int. Cl. A63B 21/068 (2006.01) A47C 9/02 (2006.01)</p>	<p>A63B 23/02 (2006.01) (87) WO2023/073527 (31) 63/272,240 (32) 27.10.21 (33) US 63/344,654 23.05.22 US (43) 04.05.2023 (72) CUTLER, Daniel (74) MINTER ELLISON</p> <hr/> <p>(71) DAIKIN INDUSTRIES, LTD. (11) AU-A-2022408255 (21) 2022408255 (22) 19.10.2022 (54) VENTILATION SYSTEM (51) Int. Cl. F24F 7/007 (2006.01) F24F 7/08 (2006.01) F24F 11/50 (2018.01) F24F 11/65 (2018.01) F24F 11/74 (2018.01) F24F 110/70 (2018.01) F24F 120/10 (2018.01) (87) WO2023/112470 (31) 2021-204795 (32) 17.12.21 (33) JP (43) 22.06.2023 (72) MIYAZAKI, Takeru; YAMANOI, Yoshiki; IYOSHI, Yuta; SAEKI, Kumiko (74) FB Rice Pty Ltd</p> <hr/> <p>(71) DANIMER IPCO, LLC (11) AU-A-2022346788 (21) 2022346788 (22) 15.09.2022 (54) BIODEGRADABLE INSECT TRAP (51) Int. Cl. A01M 1/02 (2006.01) A01M 1/14 (2006.01) (87) WO2023/043871 (31) 63/244,285 (32) 15.09.21 (33) US (43) 23.03.2023 (72) LEGGETT, Carol, G.; WARE, Cheryl, G. (74) Spruson & Ferguson</p> <hr/> <p>(71) DAY, A.; MULLIN, B. (11) AU-A-2022361469 (21) 2022361469 (22) 03.10.2022 (54) mRNA INDUCED EXPRESSION OF BONE MORPHOGENIC PROTEIN AND RECEPTOR AND METHODS RELATED THERETO (51) Int. Cl. C12N 15/88 (2006.01) A61K 38/18 (2006.01) A61K 47/69 (2017.01) A61K 48/00 (2006.01) C07K 14/51 (2006.01) (87) WO2023/060041 (31) 63/252,373 (32) 05.10.21 (33) US (43) 13.04.2023 (72) DAY, Alexander; MULLIN, Bradford (74) Minter Ellison</p> <hr/> <p>(71) DAYN AMADE INVENTIONS LTD. (11) AU-A-2022336214 (21) 2022336214 (22) 02.09.2022 (54) AMPHIBIOUS MOBILE CLASSROOM SYSTEM (51) Int. Cl. G09B 5/06 (2006.01) B60F 3/00 (2006.01)</p>	<p>G09B 7/06 (2006.01) (87) WO2023/031419 (31) 2112487.0 (32) 02.09.21 (33) GB (43) 09.03.2023 (72) AMADE, Dayn (74) PHILLIPS ORMONDE FITZPATRICK</p> <hr/> <p>(71) DEB IP LIMITED (11) AU-A-2022359013 (21) 2022359013 (22) 06.10.2022 (54) DISPENSER SYSTEM (51) Int. Cl. A47K 5/12 (2006.01) (87) WO2023/057954 (31) 17/496,192 (32) 07.10.21 (33) US (43) 13.04.2023 (72) BUTLER, Robert (74) GLMR</p> <hr/> <p>(71) DEB IP LIMITED (11) AU-A-2022360148 (21) 2022360148 (22) 06.10.2022 (54) DISPENSER ASSEMBLY (51) Int. Cl. A47K 5/12 (2006.01) E05B 1/00 (2006.01) E05B 63/00 (2006.01) A47K 10/32 (2006.01) (87) WO2023/057961 (31) 17/496,173 (32) 07.10.21 (33) US (43) 13.04.2023 (72) LANG, Christopher James (74) GLMR</p> <hr/> <p>(71) DEB IP LIMITED (11) AU-A-2022360406 (21) 2022360406 (22) 06.10.2022 (54) DISPENSER (51) Int. Cl. A47K 5/12 (2006.01) B65D 1/02 (2006.01) (87) WO2023/057952 (31) 17/496,162 (32) 07.10.21 (33) US (43) 13.04.2023 (72) LANG, Christopher James; LIMBERT, Dean Philip; MAY, James John; CROFTON, Martin; CLOUGH, Richard Brian; BUTLER, Robert; MCALPINE KANE, Grace (74) GLMR</p> <hr/> <p>(71) DERMBIONT, INC. (11) AU-A-2022348566 (21) 2022348566 (22) 14.09.2022 (54) COMPOSITIONS AND FORMULATIONS FOR TOPICAL USE OF AN AKT INHIBITOR FOR THE PREVENTION, TREATMENT, AND IMPROVEMENT OF SKIN DISEASES, CONDITIONS, AND DISORDERS (51) Int. Cl. A61K 31/454 (2006.01) A61K 9/06 (2006.01) A61P 17/00 (2006.01) (87) WO2023/044351 (31) 63/244,353 (32) 15.09.21 (33) US 63/344,440 20.05.22 US</p>
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(43) 23.03.2023
(72) DE SOUZA, Mark; KINCAID, John; BEUTNER, Karl; TAYLOR, Emma; GUIDALI BONJOUR, Florencia Maria; COFRE URRUTIA, Vanessa Alexandra; GREENAWAY EVANS, Charles Rodney
(74) FB Rice Pty Ltd

(71) DYN0 THERAPEUTICS, INC.
(11) AU-A-2022358779
(21) 2022358779 **(22)** 07.10.2022
(54) CAPSID VARIANTS AND METHODS OF USING THE SAME
(51) Int. Cl.
C12N 15/86 (2006.01)
C07K 14/005 (2006.01)
C07K 14/01 (2006.01)
(87) WO2023/060264
(31) 63/262,330 **(32)** 08.10.21 **(33)** US
 63/262,341 10.10.21 US
(43) 13.04.2023
(72) CHEN, Ina; GEROLD, Jeff; HOLTH, Jerrah; LAPAN, Sylvain; LIN, Kathy, S.; WOLOCK, Samuel
(74) PHILLIPS ORMONDE FITZPATRICK

(71) EA PHARMA CO., LTD.
(11) AU-A-2022361862
(21) 2022361862 **(22)** 04.10.2022
(54) METHOD FOR PRODUCING COMPOUND OR PHARMACEUTICALLY ACCEPTABLE SALT THEREOF
(51) Int. Cl.
C07D 401/04 (2006.01)
A61K 31/63 (2006.01)
C07D 213/40 (2006.01)
(87) WO2023/058645
(31) 2021-164171 **(32)** 05.10.21 **(33)** JP
(43) 13.04.2023
(72) MINAMIKAWA Ryo; MATSUTANI Akira; MAGATA Yuya; KAWANISHI Shinji; KAWAHIRA Mizuki
(74) Griffith Hack

(71) ELECTROLUX APPLIANCES AK-TIEBOLAG
(11) AU-A-2022395190
(21) 2022395190 **(22)** 28.10.2022
(54) CONTAINER FOR A KITCHEN APPARATUS AND KITCHEN APPARATUS WITH A CONTAINER
(51) Int. Cl.
F24C 15/20 (2006.01)
F24C 15/14 (2006.01)
(87) WO2023/094110
(31) 21210201.6 **(32)** 24.11.21 **(33)** EP
(43) 01.06.2023
(72) LEYH, Björn; NEUKAMM, Alwin; VERDOLIVA, Valerio; PUOTI, Eduardo; PATIL, Lokesh
(74) Halfords IP

(71) ELECTROLUX APPLIANCES AK-TIEBOLAG
(11) AU-A-2022397523
(21) 2022397523 **(22)** 21.11.2022

(54) FUME EXTRACTION DEVICE WITH VARIABLE CHANNEL UNIT, COMBINATION APPARATUS COMPRISING A FUME EXTRACTION DEVICE WITH A VARIABLE CHANNEL UNIT, KITCHEN CABINET WITH A COMBINATION APPARATUS AND METHOD FOR INSTALLATION OF A COMBINATION APPARATUS IN A KITCHEN CABINET
(51) Int. Cl.
F24C 15/20 (2006.01)
F24F 13/02 (2006.01)
(87) WO2023/094328
(31) 21210182.8 **(32)** 24.11.21 **(33)** EP
(43) 01.06.2023
(72) PUOTI, Eduardo; PATIL, Lokesh
(74) Halfords IP

(71) ELICIR
(11) AU-A-2022364101
(21) 2022364101 **(22)** 11.10.2022
(54) USE OF 1,3-THIAZEPANE-2-THIONE TO STIMULATE PLANT DEFENCES AGAINST PATHOGENS, AND ASSOCIATED COMPOSITION AND METHODS
(51) Int. Cl.
A01N 43/72 (2006.01)
A01N 47/46 (2006.01)
A01P 21/00 (2006.01)
(87) WO2023/062033
(31) FR2110752 **(32)** 11.10.21 **(33)** FR
(43) 20.04.2023
(72) MARTINEZ-BARBREAU, Christelle
(74) Michael Buck IP

(71) ENCORE MEDICAL, L.P. (D/B/A DJO SURGICAL)
(11) AU-A-2022368648
(21) 2022368648 **(22)** 13.10.2022
(54) IMPLANT TRIAL HEAD
(51) Int. Cl.
A61F 2/46 (2006.01)
A61F 2/36 (2006.01)
(87) WO2023/069295
(31) 63/262,675 **(32)** 18.10.21 **(33)** US
 18/045,975 12.10.22 US
(43) 27.04.2023
(72) WILLS, Kevin Michael; FEWELL, Heather
(74) Spruson & Ferguson

(71) ENI S.P.A.
(11) AU-A-2022407399
(21) 2022407399 **(22)** 09.12.2022
(54) DIARYLOXYBENZOHETERODIAZOLE COMPOUNDS DISUBSTITUTED WITH THIENOTHIOPHENE GROUPS
(51) Int. Cl.
C07D 495/04 (2006.01)
H10K 85/60 (2023.01)
(87) WO2023/105475
(31) 102021000031064 **(32)** 10.12.21 **(33)** IT
(43) 15.06.2023
(72) ABBONDANZA, Luigi; SCHIMPERNA, Giuliana; TACCA, Alessandra; MARRAZZO, Rosamaria
(74) PHILLIPS ORMONDE FITZPATRICK

(71) ENSURGE MEDICAL (SUZHOU) CO., LTD.
(11) AU-A-2022371213
(21) 2022371213 **(22)** 11.10.2022
(54) ULTRASONIC SCALPEL, ENERGY INSTRUMENT FOR SURGERY, AND POWER ADJUSTMENT METHOD THEREFOR
(51) Int. Cl.
A61B 17/32 (2006.01)
H02M 3/335 (2006.01)
H03B 28/00 (2006.01)
H05K 7/14 (2006.01)
H05K 7/20 (2006.01)
H05K 9/00 (2006.01)
(87) WO2023/066077
(31) 202111209462.0 **(32)** 18.10.21 **(33)** CN
(43) 27.04.2023
(72) ZHANG, Jun; WU, Zhixin
(74) Davies Collison Cave Pty Ltd

(71) EVONIK OPERATIONS GMBH; DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
(11) AU-A-2022338189
(21) 2022338189 **(22)** 02.09.2022
(54) DNA-METHYLATION-BASED CERTIFICATION OF QUALITY
(51) Int. Cl.
C12Q 1/6888 (2018.01)
(87) WO2023/031378
(31) 21194988.8 **(32)** 06.09.21 **(33)** EP
(43) 09.03.2023
(72) BÖHL, Florian; LYKO, Frank; NAGARAJAN, Sanjanaa; ROY, Suki; LYKOTÖNGES, Sina; VENKATESH, Geetha; PFEFFERLE, Walter
(74) WRAYS PTY LTD

(71) FARESIN FORMWORK S.P.A.
(11) AU-A-2022359012
(21) 2022359012 **(22)** 06.10.2022
(54) CLIMBING BRACKET FOR FORMWORK FOR VERTICAL CASTINGS
(51) Int. Cl.
E04G 11/28 (2006.01)
E04G 17/00 (2006.01)
E04G 17/14 (2006.01)
(87) WO2023/057949
(31) 102021000025505 **(32)** 07.10.21 **(33)** IT
(43) 13.04.2023
(72) FARESIN, Lucia
(74) Spruson & Ferguson

(71) FRAMATOME
(11) AU-A-2022372315
(21) 2022372315 **(22)** 17.10.2022
(54) PLATE-SHAPED NUCLEAR FUEL ELEMENT AND METHOD OF MANUFACTURING THE SAME
(51) Int. Cl.
G21C 3/16 (2006.01)
G21C 3/58 (2006.01)
G21G 1/02 (2006.01)
(87) WO2023/066859

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(43) 27.04.2023
(72) STEPNIK, Bertrand; GRASSE, Michel
(74) Davies Collison Cave Pty Ltd
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- (71) FREEPORT MINERALS CORPORATION
(11) AU-A-2022361435
(21) 2022361435 (22) 07.10.2022
(54) ACID MIST SUPPRESSION IN COPPER ELECTROWINNING
(51) Int. Cl.
C25C 1/12 (2006.01)
C25D 3/38 (2006.01)
C25D 21/04 (2006.01)
(87) WO2023/059872
(31) 63/253,349 (32) 07.10.21 (33) US
63/297,842 10.01.22 US
(43) 13.04.2023
(72) SANDOVAL, Scot Philip; TALLMAN, Stanberg Lee; SANDERS, William Duane; GEBREHIWOT, Ephrem Lalem; TYAB, Aron
(74) FB Rice Pty Ltd
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- (71) FUJIFILM CELLULAR DYNAMICS, INC.; FUJIFILM HOLDINGS AMERICA CORPORATION
(11) AU-A-2022376962
(21) 2022376962 (22) 28.10.2022
(54) DOPAMINERGIC NEURONS COMPRISING MUTATIONS AND METHODS OF USE THEREOF
(51) Int. Cl.
C12N 5/0793 (2010.01)
(87) WO2023/077050
(31) 63/273,480 (32) 29.10.21 (33) US
(43) 04.05.2023
(72) RAJESH, Deepika; FATHI, Ali; LIU, Jing; BAKSHY, Kiranmayee; DICKERSON, Sarah; POON, Wayne
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) FUTU NETWORK TECHNOLOGY (SHENZHEN) CO., LTD.
(11) AU-A-2021466668
(21) 2021466668 (22) 30.09.2021
(54) K-LINE FORM RECOGNITION METHOD, AND ELECTRONIC DEVICE
(51) Int. Cl.
G06Q 40/04 (2012.01)
G06F 18/22 (2023.01)
G06T 11/20 (2006.01)
(87) WO2023/050331
(43) 06.04.2023
(72) XIE, Xin; PEI, Zheng; HU, Jinhui
(74) MINTER ELLISON
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- (71) GAMBRO LUNDIA AB; BAXTER HEALTHCARE SA; BAXTER INTERNATIONAL INC.
(11) AU-A-2022358867
(21) 2022358867 (22) 15.09.2022
(54) CONFIGURING AN ARRANGEMENT TO GENERATE TREATMENT FLUID
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- FOR RENAL REPLACEMENT THERAPY
(51) Int. Cl.
A61M 1/16 (2006.01)
A61M 1/28 (2006.01)
(87) WO2023/057187
(31) 2151218-1 (32) 05.10.21 (33) SE
(43) 13.04.2023
(72) FORS, Jonas; HERTZ, Thomas
(74) Griffith Hack
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- (71) GENENTECH, INC.
(11) AU-A-2022375793
(21) 2022375793 (22) 27.10.2022
(54) SYSTEMS AND METHODS TO IDENTIFY MHC-ASSOCIATED ANTIGENS FOR THERAPEUTIC INTERVENTION
(51) Int. Cl.
C12N 5/09 (2010.01)
A61K 35/17 (2015.01)
C07K 14/82 (2006.01)
C12N 15/63 (2006.01)
(87) WO2023/077038
(31) 63/272,933 (32) 28.10.21 (33) US
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63/409,072 22.09.22 US
(43) 04.05.2023
(72) GURUNG, Hem Raj; HALEY, Benjamin Joseph; HEIDERSBACH, Amy Jeane; LI, Juan; ROSE, Christopher Michael; TONG, Ann-Jay; BLANCHETTE, Craig; CHAN, Pamela Pui Fung; DARWISH, Martine Abraham
(74) Spruson & Ferguson
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- (71) GLOBAL ENERGY HARVEST CO.; HAYAMIZU Kohei; HAYAMIZU URBAN ENVIRONMENTAL DEVELOPMENT CORPORATION; HAYAMIZU ENERGY HARVESTING PROJECT CORPORATION
(11) AU-A-2021469463
(21) 2021469463 (22) 19.10.2021
(54) POWER GENERATION SYSTEM
(51) Int. Cl.
F03B 13/16 (2006.01)
F03B 17/06 (2006.01)
(87) WO2023/067679
(43) 27.04.2023
(72) HAYAMIZU Kohei
(74) RnB IP Pty Ltd
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- (71) GLOBAL ENERGY HARVEST CO.; HAYAMIZU Kohei; HAYAMIZU URBAN ENVIRONMENTAL DEVELOPMENT CORPORATION; HAYAMIZU ENERGY HARVESTING PROJECT CORPORATION
(11) AU-A-2021470535
(21) 2021470535 (22) 19.10.2021
(54) POWER GENERATION SYSTEM
(51) Int. Cl.
F03B 13/20 (2006.01)
(87) WO2023/067680
(43) 27.04.2023
(72) HAYAMIZU Kohei
(74) RnB IP Pty Ltd
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- (71) GOLDILOCK SECURE LIMITED
(11) AU-A-2022336838
(21) 2022336838 (22) 02.09.2022
(54) AIR GAP-BASED NETWORK ISOLATION DEVICE CIRCUIT BOARD
(51) Int. Cl.
H04L 9/10 (2006.01)
H04L 9/40 (2022.01)
(87) WO2023/031624
(31) 17/467,151 (32) 03.09.21 (33) US
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(43) 09.03.2023
(72) BATE, Richard; SAMAK, Mohamed; HOMERSTON, Josh; HASEK, Anthony
(74) RnB IP Pty Ltd
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- (71) GOOGLE LLC
(11) AU-A-2022358651
(21) 2022358651 (22) 05.10.2022
(54) VECTOR-QUANTIZED IMAGE MODELING
(51) Int. Cl.
H04N 19/94 (2014.01)
G06N 3/02 (2006.01)
H04N 19/46 (2014.01)
H04N 19/61 (2014.01)
(87) WO2023/059699
(31) 63/252,452 (32) 05.10.21 (33) US
63/351,131 10.06.22 US
(43) 13.04.2023
(72) YU, Jiahui; LI, Xin; ZHANG, Han; VASUDEVAN, Vijay; KU, Alexander Yeong-Shiuh; BALDRIDGE, Jason Michael; XU, Yuanzhong; KOH, Jing Yu; LUONG, Thang Minh; BAID, Gunjan; WANG, Zirui; WU, Yonghui
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) GUARDANT HEALTH, INC.
(11) AU-A-2022353827
(21) 2022353827 (22) 30.09.2022
(54) COMPUTER ARCHITECTURE FOR GENERATING A REFERENCE DATA TABLE
(51) Int. Cl.
G16H 40/20 (2018.01)
G16H 50/70 (2018.01)
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(31) 63/250,912 (32) 30.09.21 (33) US
PCT/ 03.06.22 US
US2022/032250
PCT/ 29.07.22 US
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US2022/042262
(43) 06.04.2023
(72) KUMAR, Naveen; ZHANG, Jingwen; SUBRAMANIAN, Nisha; NAYAK, Gautam; HANNA, David; LU, Shunxin
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) HAIER SMART HOME CO., LTD.; QINGDAO HAIER REFRIGERATOR

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

- CO., LTD; HAIER US APPLIANCE SOLUTIONS, INC.
(11) AU-A-2022367604
(21) 2022367604 **(22)** 12.10.2022
(54) MACHINE-READABLE ICE MOLD, AND ICE MAKER
(51) Int. Cl.
F25C 1/04 (2018.01)
F25C 1/22 (2018.01)
F25C 1/24 (2018.01)
F25C 1/25 (2018.01)
(87) WO2023/061399
(31) 17/502,148 **(32)** 15.10.21 **(33)** US
(43) 20.04.2023
(72) FARREL, Caleb; HANSEN, Todd Charles; MAYNE, Joshua Adam; MOORE, Daniel Ian
(74) Davies Collison Cave Pty Ltd
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- (71)** HDT BIO CORP.
(11) AU-A-2022358446
(21) 2022358446 **(22)** 21.09.2022
(54) COMPOSITIONS AND METHODS FOR ENHANCED PROTEIN PRODUCTION
(51) Int. Cl.
A61K 48/00 (2006.01)
A61K 9/107 (2006.01)
A61K 9/51 (2006.01)
C12N 15/88 (2006.01)
(87) WO2023/056202
(31) 63/247,113 **(32)** 22.09.21 **(33)** US
(43) 06.04.2023
(72) KHANDHAR, Amit Praful; BERUBE, Bryan; KRIEGER, Kyle; ERASMUS, Jesse Hong-Sae; GULATI, Gaurav; SIMPSON, Adrian
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71)** HEARTBEAM, INC.
(11) AU-A-2022358735
(21) 2022358735 **(22)** 05.10.2022
(54) METHOD AND APPARATUS FOR RECONSTRUCTING ELECTROCARDIOGRAM (ECG) DATA
(51) Int. Cl.
A61B 5/327 (2021.01)
A61B 5/332 (2021.01)
A61B 5/0245 (2006.01)
A61B 5/349 (2021.01)
(87) WO2023/060119
(31) 17/948,099 **(32)** 19.09.22 **(33)** US
 17/494,806 05.10.21 US
(43) 13.04.2023
(72) BELICEV, Petra; BOJOVIC, Bosko; HADZIEVSKI, Ljupco; VAJDIC, Branislav; ATANASOSKI, Vladimir; GLIGORIC, Goran; MILETIC, Marjan
(74) RnB IP Pty Ltd
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- (71)** HITACHI ZOSEN INOVA AG
(11) AU-A-2022366152
(21) 2022366152 **(22)** 12.10.2022
(54) HELICAL SCREW CONVEYOR UNIT, SCREW SHAFT, SCREW EXTRUDER, AND METHOD FOR PROVIDING A SCREW SHAFT
(51) Int. Cl.
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- C12M 1/26** (2006.01)
B30B 9/12 (2006.01)
B65G 33/14 (2006.01)
B65G 33/24 (2006.01)
B65G 53/08 (2006.01)
C02F 11/121 (2019.01)
C02F 11/125 (2019.01)
C12M 1/00 (2006.01)
F16C 3/02 (2006.01)
F16C 25/02 (2006.01)
(87) WO2023/062052
(31) 21202998.7 **(32)** 15.10.21 **(33)** EP
(43) 20.04.2023
(72) EUGSTER, Marc; SCHATZ, Adrian; GSPONER, Marc; GSPONER, Patrik; SCHMIDT, Daniel
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B63B 77/10 (2020.01)
B63B 1/10 (2006.01)
F03D 13/25 (2016.01)
B63B 35/44 (2006.01)
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(54) COMMUNICATION METHOD AND APPARATUS
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H04W 12/03 (2021.01)
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(51) Int. Cl.
H04W 24/02 (2009.01)
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(54) COMMUNICATION METHOD AND APPARATUS
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H04W 4/06 (2009.01)
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H04W 28/24 (2009.01)
H04W 76/20 (2018.01)
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C12N 15/85 (2006.01)
A61K 48/00 (2006.01)
A61P 9/10 (2006.01)
C12N 15/66 (2006.01)
C12N 15/864 (2006.01)
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A61M 5/142 (2006.01)
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B64G 1/24 (2006.01)
B64G 1/00 (2006.01)
B64G 1/68 (2006.01)
B64G 1/10 (2006.01)
B64G 3/00 (2006.01)
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A61K 39/00 (2006.01)
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A61P 35/00 (2006.01)
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C07K 14/47 (2006.01)
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A61M 1/00 (2006.01)
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A61B 5/00 (2006.01)
G06F 21/44 (2013.01)
H04W 12/06 (2021.01)
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C07K 14/81 (2006.01)
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 (51) Int. Cl.
A61K 38/45 (2006.01)
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
A61P 3/00 (2006.01)
C07K 14/075 (2006.01)
C12N 15/52 (2006.01)
C12N 15/86 (2006.01)
C12P 21/02 (2006.01)
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A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
C12N 15/09 (2006.01)
C12N 15/63 (2006.01)
C12N 15/79 (2006.01)
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C12N 15/86 (2006.01)
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A61K 38/00 (2006.01)
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C07D 471/14 (2006.01)
A61K 31/424 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/5377 (2006.01)
A61K 31/5386 (2006.01)
A61P 3/00 (2006.01)
A61P 3/06 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/04 (2006.01)
A61P 9/10 (2006.01)
A61P 9/12 (2006.01)
A61P 11/00 (2006.01)
A61P 21/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/02 (2006.01)
A61P 25/28 (2006.01)
A61P 27/06 (2006.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
C07D 487/14 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 29/02 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07D 487/08 (2006.01)
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A61K 31/5578 (2006.01)
A61K 9/00 (2006.01)
A61K 45/06 (2006.01)
A61P 9/08 (2006.01)
A61P 11/00 (2006.01)
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F16B 45/00 (2006.01)
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A45F 5/02 (2006.01)
B63B 32/40 (2020.01)
B63B 32/73 (2020.01)
B63H 8/18 (2020.01)
F16B 21/18 (2006.01)
F16G 11/10 (2006.01)
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B60L 7/22 (2006.01)
B60L 58/33 (2019.01)
E02F 9/00 (2006.01)
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A61K 38/17 (2006.01)
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 9/10 (2006.01)
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A61P 35/00 (2006.01)
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F04D 7/04 (2006.01)
F04D 29/02 (2006.01)
F04D 29/42 (2006.01)
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B60L 50/60 (2019.01)
B62J 25/06 (2020.01)
B62K 25/28 (2006.01)
B62M 6/45 (2010.01)
H02J 3/32 (2006.01)
H02J 7/00 (2006.01)
H02J 13/00 (2006.01)
H04W 4/02 (2018.01)
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H02J 7/00 (2006.01)
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B60L 50/60 (2019.01)
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A47C 1/022 (2006.01)
A47C 7/56 (2006.01)
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G01V 5/10 (2006.01)
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A61B 5/024 (2006.01)
A61B 5/00 (2006.01)
A61B 5/08 (2006.01)
A61B 5/1455 (2006.01)
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G16H 50/30 (2018.01)
G16H 10/40 (2018.01)
G16H 30/00 (2018.01)
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C05F 5/00 (2006.01)
D21B 1/06 (2006.01)
D21C 9/18 (2006.01)
D21D 1/30 (2006.01)
D21D 5/06 (2006.01)
D21H 11/12 (2006.01)
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H05B 6/12 (2006.01)
A47J 36/32 (2006.01)
H04W 4/80 (2018.01)
H04W 12/04 (2021.01)
H05B 6/06 (2006.01)
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(51) Int. Cl.
A01K 45/00 (2006.01)
B65G 67/04 (2006.01)
A01M 29/06 (2011.01)
A22C 21/00 (2006.01)
B60P 3/04 (2006.01)
B65G 67/08 (2006.01)
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C09D 163/00 (2006.01)
C08G 59/18 (2006.01)
C08G 59/22 (2006.01)
C08G 59/38 (2006.01)
C08G 59/42 (2006.01)
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H04B 10/70 (2013.01)
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C02F 1/72 (2023.01)
C02F 1/78 (2023.01)
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A63G 25/00 (2006.01)
B60R 21/0136 (2006.01)
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 G06Q 10/00 (2023.01)
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 A61L 27/36 (2006.01)
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 B32B 1/08 (2006.01)
 B32B 17/04 (2006.01)
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B01D 53/14 (2006.01)
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C12N 5/0783 (2010.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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(54) KNOTLESS SOFT ANCHOR SYSTEM
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A61B 17/04 (2006.01)
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 (51) Int. Cl.
A61F 9/00 (2006.01)
A61F 2/16 (2006.01)
A61L 27/24 (2006.01)
A61L 27/52 (2006.01)
 C08F 220/28 (2006.01)
 C08L 33/14 (2006.01)
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A01N 25/00 (2006.01)
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A61K 38/20 (2006.01)
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G06Q 40/06 (2012.01)
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H04L 9/00 (2022.01)
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G06N 3/04 (2023.01)
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H04L 51/02 (2022.01)
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B64U 20/50 (2023.01)
B64U 10/14 (2023.01)
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C09K 5/04 (2006.01)
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C12N 15/62 (2006.01)
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 (51) Int. Cl.
A61K 31/33 (2006.01)
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C07D 487/22 (2006.01)
B01J 35/00 (2006.01)
C07K 1/13 (2006.01)
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C07K 16/28 (2006.01)
A61P 9/10 (2006.01)
A61P 25/08 (2006.01)
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C10G 1/00 (2006.01)
C10B 53/00 (2006.01)
C10G 3/00 (2006.01)
C10G 45/44 (2006.01)
C10G 65/12 (2006.01)
C10G 65/14 (2006.01)
C10G 69/06 (2006.01)
 (87) WO2023/073019
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A61J 3/00 (2006.01)
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B60Q 1/08 (2006.01)
B60Q 1/14 (2006.01)
B60Q 1/24 (2006.01)
G06V 20/58 (2022.01)
(87) WO2023/049645
(31) 63/261,625 **(32)** 24.09.21 **(33)** US
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A61F 13/56 (2006.01)
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(51) Int. Cl.
A01N 59/02 (2006.01)
A01N 25/04 (2006.01)
A01P 3/00 (2006.01)
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(74) Churchill Attorneys
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(54) HETEROCYCLIC COMPOUNDS AND USES THEREOF
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C07D 417/12 (2006.01)
A61K 31/433 (2006.01)
A61K 31/437 (2006.01)
A61K 31/4439 (2006.01)
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C07D 417/14 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
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C25B 1/04 (2021.01)
C25B 9/01 (2021.01)
C25B 9/19 (2021.01)
C25B 9/60 (2021.01)
C25B 9/70 (2021.01)
C25B 15/02 (2021.01)
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C12N 15/11 (2006.01)
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C12N 9/22 (2006.01)
A61P 3/00 (2006.01)
C12N 9/16 (2006.01)
C12N 15/11 (2006.01)
C12N 15/82 (2006.01)
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(54) CARD WITH SURFACE FEATURES FOR ACCOUNT SELECTION
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G06K 19/07 (2006.01)
G06F 3/044 (2006.01)
G06K 19/073 (2006.01)
G06K 19/077 (2006.01)
G06Q 20/22 (2012.01)
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(54) A MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE BASED TOOL FOR SCREENING EMOTIONAL & MENTAL HEALTH FOR AN INDIVIDUAL OR A GROUP OR MASSES
(51) Int. Cl.
G16H 10/20 (2018.01)

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(71) VOLVO TRUCK CORPORATION
(11) AU-A-2021468333
(21) 2021468333 **(22)** 15.10.2021
(54) A CONTROL UNIT AND METHOD THEREIN FOR OPERATING AN AUTONOMOUS VEHICLE
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G05D 1/248 (2024.01)
G08G 1/00 (2006.01)
(87) WO2023/061608
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(54) AAV CAPSID VARIANTS AND USES THEREOF
(51) Int. Cl.
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
C40B 40/08 (2006.01)
(87) WO2023/081648
(31) 63/274,806 **(32)** 02.11.21 **(33)** US
 63/339,711 09.05.22 US
(43) 11.05.2023
(72) NONNENMACHER, Mathieu Emmanuel; MOYER, Tyler Christopher; LI, Jiangyu; LAKS, Dan Richard; HOFFMAN, Brett; KNOLL, Elisabeth; SHU, Yanqun
(74) Griffith Hack

(71) VUTILITY, INC.
(11) AU-A-2022347287
(21) 2022347287 **(22)** 19.09.2022
(54) RELATIVE ADAPTIVE ENCODING
(51) Int. Cl.
G05B 13/02 (2006.01)
G01R 19/25 (2006.01)
G06Q 50/06 (2012.01)
H04L 12/28 (2006.01)
(87) WO2023/044133
(31) 63/261,401 **(32)** 20.09.21 **(33)** US
(43) 23.03.2023
(72) AUSTIN, Micheal M.; BROWN, Kody Shook
(74) Spruson & Ferguson

(71) VUTILITY, INC.
(11) AU-A-2022348515
(21) 2022348515 **(22)** 19.09.2022
(54) SELF-CORRECTING ELECTRICAL CURRENT MEASURING DEVICES
(51) Int. Cl.
G01R 19/02 (2006.01)
G01D 21/00 (2006.01)

G01R 19/00 (2006.01)
G01R 19/17 (2006.01)
G01R 25/00 (2006.01)
G01R 31/26 (2020.01)
G01R 31/28 (2006.01)
G01R 35/02 (2006.01)
(87) WO2023/044107
(31) 63/261,352 **(32)** 18.09.21 **(33)** US
 17/947,031 16.09.22 US
(43) 23.03.2023
(72) AUSTIN, Micheal M.
(74) Spruson & Ferguson

(71) WINNER TECHNOLOGY CO., LTD.
(11) AU-A-2022365135
(21) 2022365135 **(22)** 13.10.2022
(54) SOLAR ENERGY STORAGE AND POWER GENERATION SYSTEM
(51) Int. Cl.
F24S 10/40 (2018.01)
(87) WO2023/061426
(31) 202111197780.X **(32)** 14.10.21 **(33)** CN
(43) 20.04.2023
(72) LIN, Chih-shen
(74) A.P.T. Patent and Trade Mark Attorneys

(71) WINNER TECHNOLOGY CO., LTD.
(11) AU-A-2022365970
(21) 2022365970 **(22)** 13.10.2022
(54) SOLAR HEAT COLLECTION DEVICE
(51) Int. Cl.
F24S 70/60 (2018.01)
F24S 10/00 (2018.01)
F24S 23/30 (2018.01)
(87) WO2023/061427
(31) 202111197764.0 **(32)** 14.10.21 **(33)** CN
(43) 20.04.2023
(72) LIN, Chih-shen
(74) A.P.T. Patent and Trade Mark Attorneys

(71) WWT NORTH AMERICA HOLDINGS, INC.
(11) AU-A-2022349606
(21) 2022349606 **(22)** 12.09.2022
(54) NON-ROTATING DRILL PIPE PROTECTOR TOOL HAVING MULTIPLE TYPES OF HYDRAULIC BEARINGS
(51) Int. Cl.
E21B 17/10 (2006.01)
E21B 17/16 (2006.01)
E21B 17/18 (2006.01)
(87) WO2023/049637
(31) 63/261,551 **(32)** 23.09.21 **(33)** US
 17/931,274 12.09.22 US
(43) 30.03.2023
(72) BANKS, Sarah; MOORE, Norman Bruce
(74) FB Rice Pty Ltd

(71) X4 PHARMACEUTICALS, INC.
(11) AU-A-2022360035
(21) 2022360035 **(22)** 07.10.2022
(54) SYNTHESIS OF MAVORIXAFOR AND INTERMEDIATES THEREOF
(51) Int. Cl.

A61K 31/4709 (2006.01)
C07C 209/52 (2006.01)
C07D 215/40 (2006.01)
C07C 211/33 (2006.01)
(87) WO2023/059903
(31) 63/262,225 **(32)** 07.10.21 **(33)** US
(43) 13.04.2023
(72) HANSELMANN, Roger; BRANDS, Karel Marie Joseph
(74) Spruson & Ferguson

(71) ZETA SURGICAL INC.
(11) AU-A-2022341973
(21) 2022341973 **(22)** 06.09.2022
(54) SYSTEMS AND METHODS FOR ROBOTIC SURGICAL CONTROL AND NAVIGATION
(51) Int. Cl.
A61B 34/20 (2016.01)
(87) WO2023/038906
(31) 63/241,285 **(32)** 07.09.21 **(33)** US
 63/355,497 24.06.22 US
(43) 16.03.2023
(72) SHA, Raahil Mohammed; LAL, Avinash; LEE, Benjamin Hoyoung; MANERO, Jose Maria Amich
(74) Spruson & Ferguson

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2022337134	PERDUE FOODS LLC	2022351983	RYTHERA THERAPEUTICS INC.
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2022340823	JAGUAR GENE THERAPY, LLC; EMORY UNIVERSITY; UNIVERSITY OF UTAH RESEARCH FOUNDATION	2022355862	PEACEWORLD.CO.,LTD
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		2022358954	SEABORG APS
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		2022359335	TECKCRAFT PTY LTD

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2022360960	STAAR SURGICAL COMPANY	2022373390	BEIJING ROBOROCK INNOVATION TECHNOLOGY CO., LTD.
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2022380700		2022370883			
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2022341016	<u>C12M 1 /-</u>	2022357997			
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2022369294	2022361451	<u>C12P 35 /-</u>	<u>D21B 1 /-</u>		
2022371454	2022377625				
2022372894	<u>C12N 11 /-</u>	2022342798			
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2022340589	<u>C12N 15 /-</u>	2022364969			
<u>C08F 220 /-</u>	2022337291	<u>C12Q 1 /-</u>	<u>D21D 1 /-</u>		
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2022378919	2022376962	<u>C40B 20 /-</u>			
	2022378531				
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C12R 1/01 (2006.01)
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A01N 33/02 (2006.01)
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A01N 59/10 (2006.01)
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G06F 3/0484 (2022.01)
G06F 3/0488 (2022.01)
G06T 7/00 (2017.01)
G06T 7/60 (2017.01)
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B29D 11/00 (2006.01)
G01M 11/02 (2006.01)
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C08K 3/01 (2018.01)
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C07D 205/04 (2006.01)

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G06F 11/00 (2006.01)
G06F 11/30 (2006.01)
G06F 11/36 (2006.01)
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G06F 11/36 (2006.01)
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G06N 5/04 (2006.01)
G06N 7/02 (2006.01)
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A61B 5/1455 (2006.01)
A61M 1/16 (2006.01)
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E03D 11/12 (2006.01)
E03C 1/324 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/4709 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
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H03H 7/38 (2006.01)
H10N 60/10 (2023.01)
H10N 69/00 (2023.01)
G06N 10/00 (2022.01)
H03F 1/56 (2006.01)
H03H 1/00 (2006.01)
H03H 7/01 (2006.01)

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H05K 1/02 (2006.01)
H05K 1/11 (2006.01)
H05K 1/14 (2006.01)
H05K 3/36 (2006.01)
H05K 1/03 (2006.01)
H05K 3/42 (2006.01)
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C07K 16/38 (2006.01)
A61P 7/02 (2006.01)
C07K 1/16 (2006.01)
C07K 1/22 (2006.01)
C07K 1/34 (2006.01)
C07K 1/36 (2006.01)
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H01M 6/52 (2006.01)
B03B 1/04 (2006.01)
C22B 3/08 (2006.01)

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H01M 10/54 (2006.01)
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F16K 11/20 (2006.01)
E03C 1/04 (2006.01)
F16K 27/04 (2006.01)
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F16B 23/00 (2006.01)
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B25B 13/04 (2006.01)
B25B 13/06 (2006.01)
B25B 13/58 (2006.01)
B25B 27/02 (2006.01)
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H04L 12/18 (2006.01)
H04L 1/1607 (2023.01)
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G01B 7/16 (2006.01)
B65G 1/02 (2006.01)
G01M 5/00 (2006.01)
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A61K 31/05 (2006.01)
A61K 31/195 (2006.01)

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A61K 31/27 (2006.01)
A61K 31/352 (2006.01)
A61K 31/4015 (2006.01)
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A61K 31/551 (2006.01)
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C01B 3/02 (2006.01)
B01J 23/00 (2006.01)
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B01J 23/72 (2006.01)
B01J 23/80 (2006.01)
C01B 3/48 (2006.01)
C10K 3/04 (2006.01)
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C25B 1/04 (2006.01)
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E21B 23/04 (2006.01)
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E21B 34/06 (2006.01)
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E21B 43/26 (2006.01)
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F41H 1/02 (2006.01)
F41H 5/02 (2006.01)
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A23K 10/30 (2016.01)
A23K 20/158 (2016.01)
A23K 20/163 (2016.01)
A23K 50/42 (2016.01)
A61K 31/202 (2006.01)
A61K 31/355 (2006.01)
A61K 31/375 (2006.01)
A61K 31/717 (2006.01)
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A44C 9/00 (2006.01)
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A61M 27/00 (2006.01)
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B65D 19/06 (2006.01)
B65D 19/00 (2006.01)
B65D 43/02 (2006.01)
B65D 43/12 (2006.01)
B65D 90/54 (2006.01)
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A23K 20/10 (2016.01)
A23K 20/20 (2016.01)
A23L 3/3463 (2006.01)
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G05D 1/43 (2024.01)
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D21H 17/67 (2006.01)
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A61B 34/00 (2016.01)
G06F 3/01 (2006.01)
G06N 20/00 (2019.01)
G16H 10/60 (2018.01)
G16H 20/30 (2018.01)
G16H 20/40 (2018.01)
G16H 40/67 (2018.01)
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B32B 3/06 (2006.01)
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C07D 209/86 (2006.01)
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A61P 1/16 (2006.01)
A61P 35/00 (2006.01)
C07D 403/06 (2006.01)
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H01L 31/0216 (2014.01)
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(43) 16.07.2020
(44) 18.04.2024
(72) MILLS, Brian John; MCTIER, Tom L.; KNAUER, Christopher S.; WOODS, Debra Jean
(74) Davies Collison Cave Pty Ltd

(71) ZTE Corporation
(11) AU-B-2020416372
(21) 2020416372 **(22)** 28.12.2020
(54) Physical channel transmission method, apparatus, and node, and storage medium
(51) Int. Cl.
H04L 1/18 (2006.01)
(87) WO2021/136152
(31) 201911418751.4 **(32)** 31.12.19 **(33)** CN
(43) 08.07.2021
(44) 18.04.2024
(72) XIAO, Huahua; LU, Zhaohua; JIANG, Chuangxin; ZHANG, Shujuan; SHAO, Shijia
(74) Davies Collison Cave Pty Ltd

(71) ZTE Corporation
(11) AU-B-2021323311
(21) 2021323311 **(22)** 09.08.2021
(54) Method for determining a sending power of an uplink element, and device
(51) Int. Cl.
H04B 7/0426 (2017.01)
(87) WO2022/028614
(31) 202010791625.X **(32)** 07.08.20 **(33)** CN

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2016365318	STCube & Co., Inc.; Board of Regents, The University of Texas System	2018295425	FREEDM LIMITED
2016432443	Wageningen Universiteit; Stichting Voor de Technische Wetenschappen	2018299756	Haldor Topsøe A/S
2017203563	Kemin Industries, Inc.	2018300250	Source Global, PBC
2017211395	The Trustees of Princeton University	2018302101	SRI International
2017213659	Washington University	2018302153	Société des Produits Nestlé S.A.
2017220184	Regeneron Pharmaceuticals, Inc.	2018302445	Mincon International Limited
2017230850	Innate Pharma	2018305877	Haldor Topsøe A/S
2017230891	Selecta Biosciences, Inc.	2018309077	Cambridge Mobile Telematics Inc
2017257225	Universität Basel	2018313892	The Jackson Laboratory; University of Massachusetts
2017261705	Najit Technologies, Inc.	2018322818	Subsea 7 Norway AS
2017278257	Berg LLC	2018326619	Pirouette Medical Inc.
2017339033	AB-Biotics, S.A.	2018328131	Eagle Pharmaceuticals, Inc.
2017345724	Pepton, Inc.; The United States of America, as represented by the Secretary, Department of Health & Human Services	2018329177	President and Fellows of Harvard College; BASF SE
		2018330917	Makro Labelling S.R.L.
		2018332820	Living Proof, Inc.
2017346683	2seventy bio, Inc.	2018333065	Wave Life Sciences Ltd.
2017350137	BioNTech SE	2018333807	Absolicon Solar Collector AB
2017358067	Commonwealth Scientific and Industrial Research Organisation	2018335820	Daisygrip GmbH
		2018337648	Becton, Dickinson and Company
2017363256	Alloplex Biotherapeutics	2018340861	Drillit International Pty Limited
2017377135	Wageningen Universiteit; Stichting Voor de Technische Wetenschappen	2018345417	Zodiac Pool Systems LLC
2017377136	Wageningen Universiteit; Stichting Voor de Technische Wetenschappen	2018348194	Medline Industries, Inc.
2017377792	Wageningen Universiteit; Stichting Voor de Technische Wetenschappen	2018352221	Aadigen, LLC
		2018357886	Zambon S.p.A.
2017390680	AMRIF BV	2018363819	Macrebur Limited
2017394729	Symex Corporation	2018367221	Huygens AS
2017433381	Universidad Técnica Federico Santa María	2018368738	Hollister Incorporated
2017440044	Schoeller Allibert GmbH; Alert Innovation	2018378592	Hollister Incorporated
2018201157	Brilliant Lighting (Aust) Pty Ltd	2018384081	Commonwealth Scientific and Industrial Research Organisation; The Boeing Company
2018202536	Hunter Douglas, Inc.	2018384707	Regeneron Pharmaceuticals, Inc.
2018202746	Joy Global Underground Mining LLC	2018385546	Netafim Ltd.
2018203479	HOWMEDICA OSTEONICS CORP.	2018387674	Societe des Produits Nestle S.A.
2018203749	Joy Global Surface Mining Inc	2018389136	Johnson & Johnson Consumer Inc.
2018203941	Dow Global Technologies LLC; Rohm and Haas Company	2018391318	Coloplast A/S
		2018394288	THALES
2018215216	Kansas State University Research Foundation; Axiotia U.S., Inc.	2018397593	Neurolens, Inc.
		2018399588	YETI Coolers, LLC
2018217375	CSL Behring GmbH	2018403777	Hangzhou Nanochap Electronics Co., Ltd.
2018222749	Fred Hutchinson Cancer Center	2018408692	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2018223032	Whirlpool Corporation	2018416898	Beijing Tusen Weilai Technology Co., Ltd.
2018234911	Elysium Therapeutics, Inc.	2018425901	Copperprotek SpA.
2018235778	Agile Therapeutics, Inc.	2018426429	MPA Industries Pty Ltd
2018236123	Selecta Biosciences, Inc.	2018427780	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2018241852	BioGaia AB	2018431199	GENESYS CLOUD SERVICES HOLDINGS II, LLC
2018243314	East Babies, L.L.C.	2018440151	PipeFusion CIPP Corporation
2018247555	Shenyang Fuyang Pharmaceutical Technology Co., Ltd.	2018440474	Razer (Asia-Pacific) Pte. Ltd.
2018248119	LoftRobe Ltd.	2018451733	Halliburton Energy Services, Inc.
2018255261	Sunbeam Products, Inc.	2018452012	Halliburton Energy Services, Inc.
2018258323	Seminis Vegetable Seeds, Inc.	2018456050	Halliburton Energy Services, Inc.
2018259150	EMAGINEER Pty Ltd	2019200327	Terex GB Limited
2018264463	Novozymes A/S	2019200999	SMC Corporation
2018264889	Electrolux Appliances Aktiebolag	2019201168	VIS, LLC
2018268001	Fastbase Solutions Ltd	2019201184	Liebherr-Mining Equipment Colmar SAS
2018268713	Embody Inc.	2019202684	Dart Industries Inc.
2018269462	Ability Pharmaceuticals S.I.	2019202964	Sage People Limited
2018273484	Neuronano AB	2019203299	The Boeing Company
2018275751	BRAIN Biotech AG	2019206581	Vadivelu, N.
2018276074	Bransgrove, B.	2019209755	FNV IP B.V.
2018277037	Shifamed Holdings, LLC	2019210976	Life Molecular Imaging Limited; AC Immune SA
2018277283	Societe des Produits Nestle S.A.	2019211214	ULEMCo Ltd
2018278346	Joy Global Underground Mining LLC	2019213025	Geberit International AG
2018280128	Solventum Intellectual Properties Company	2019216223	Imperial Blades
2018287145	Jazz Pharmaceuticals Ireland Limited	2019216328	Momentive Performance Materials Inc.
2018293748	AMO Groningen B.V.	2019217497	McNeil AB
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2019221709	Universidad de Zaragoza; Biofabri S.L.	2020240213	Kumiai Chemical Industry Co., Ltd.
2019224170	The Board of Regents of The University of Texas System	2020267324	Alexion Pharmaceuticals, Inc.
2019225031	Shin Nippon Biomedical Laboratories, Ltd.	2020270314	Grip Holdings LLC
2019225533	JURA Elektroapparate AG	2020281046	The Regents of The University of California
2019226491	Grip Holdings LLC	2020299568	Digital Diagnostics Inc.
2019227857	Greg Rowe Limited	2020305793	Kylonova (Xiamen) Biopharma Co., Ltd.
2019227915	Alarm.com Incorporated	2020310247	Creative Biosciences (Guangzhou) Co., Ltd.
2019228686	Universiteit Gent	2020317362	Tongwei Solar (Hefei) Co., Ltd.
2019229340	Harris Global Communications, Inc.	2020319085	ExoAnalytic Solutions, Inc.
2019230533	Sandvik Mining and Construction Tools AB	2020320187	NantKwest, Inc.
2019234497	Toray Industries, Inc.	2020331035	Axogen Corporation
2019234793	Kyushu University, National University Corporation	2020337752	Pestroniks Innovations Pte Ltd
2019236369	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft	2020346172	Shanghai Longwood Biopharmaceuticals Co., Ltd.
2019236458	Owens-Brockway Glass Container Inc.	2020348320	Nantong University
2019238375	Gambro Lundia AB	2020353076	Lumosa Therapeutics Co., Ltd.
2019240269	Halter USA Inc	2020354808	Jun, H.; Jun, J.
2019240835	Meiko Maschinenbau GmbH & Co. KG	2020361735	Novartis AG
2019242521	Toray Industries, Inc.	2020362543	Carpenter, B.J.
2019242951	Sumitomo Metal Mining Co., Ltd.	2020363042	Lycored Ltd.
2019243537	van den Bos, W.	2020363817	Air Products and Chemicals, Inc.
2019253288	Archer Daniels Midland Company	2020373913	Shanghai Institute of Materia Medica, Chinese Academy of Sciences
2019257696	LightForce Orthodontics, Inc.	2020374826	Assembly Medicine, LLC.
2019258123	Philip Morris Products S.A.	2020376051	The NOCO Company
2019258175	Daifuku Co., Ltd.	2020378596	Freezio AG
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2019265449	Microsoft Technology Licensing, LLC	2020391291	Neurorive Inc
2019266064	Landis+Gyr Technologies, LLC	2020392237	Lucid Software, Inc.
2019266726	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2020395474	Espera-Werke GmbH
2019267139	MWdesign Limited	2020401386	Schlage Lock Company LLC
2019269038	Haldor Topsøe A/S	2020402917	CRRC Meishan Co., Ltd.
2019269674	Hollister Incorporated	2020409607	Koninklijke Douwe Egberts B.V.
2019272603	Jupeng Bio (HK) Limited	2020410741	i-SENS, Inc.; Sogang University Research Business Development Foundation
2019280972	NEY, P.; SHAHEEN, S.	2020411504	The Henry M. Jackson Foundation for the Advancement of Military Medicine, Inc.
2019282617	The Trustees of Indiana University	2020411515	Allergan, Inc.
2019282632	Lightelligence PTE. Ltd.	2020416372	ZTE Corporation
2019285085	KWS SAAT SE & Co. KGaA	2020416683	Bambino Prezioso Switzerland AG
2019285877	Mitsui Chemicals Agro, Inc.	2020425734	Micro Motion, Inc.
2019287565	The Regents of the University of Colorado, a body corporate	2020428669	Huawei Technologies Co., Ltd.
2019292669	Amicus Trade AB	2020462327	Kawada Industries, Inc.
2019293561	Yuyama MFG. Co., Ltd.	2020464187	SM Intellectual Technologies LLC
2019295304	Halliburton Energy Services, Inc.	2020473989	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2019297401	Bayer Aktiengesellschaft	2020475251	TRIAGENICS, INC.
2019309130	Sumitomo Pharma Co., Ltd.	2021200076	LG ELECTRONICS INC
2019318115	Antabio SAS	2021200357	Hunan Yuanpin Cell Technology Co. Ltd
2019322251	LITHTECH INDUSTRIES PTY LTD	2021202361	Vector Remediation Ltd.
2019322487	MultiVir Inc.	2021203593	CB Therapeutics, Inc.
2019323613	Wntresearch AB	2021206866	Emory University
2019342637	Green Cross Corporation	2021207525	New York Society for the Relief of the Ruptured and Crippled, Maintaining the Hospital for Special Surgery
2019345266	Ancestry.com Operations Inc.	2021211047	Beijing Naton Medical Technology Holdings Co., Ltd.; Bricon GmbH
2019355933	Functionize, Inc.	2021221824	Wazza Investments Pty Ltd
2019364421	Functionize, Inc.	2021225277	Beijing Bytedance Network Technology Co., Ltd.
2019374755	Oshkosh Corporation	2021226119	National University Corporation Hokkaido University
2019381647	Somnos International Holding Ltd.	2021227065	Telefonaktiebolaget LM Ericsson (publ)
2019382306	Aero-Tech Pty Ltd	2021229496	Nuovo Pignone Tecnologie - S.r.l.
2019388785	Hoi Polloi Trends, LLC	2021234263	Nooter/Eriksen, Inc.
2019397384	Bendix Commercial Vehicle Systems LLC	2021234312	Boston Scientific Scimed, Inc.
2019399480	Quality Executive Partners, Inc.	2021234704	JFE Steel Corporation
2019424414	Schewitz, L.	2021241811	Welltec A/S
2019445706	Sami-Sabinsa Group Limited	2021245159	Volt Power Group Limited
2019464601	LG Electronics Inc.	2021246451	Zebra Technologies Corporation
2019478910	ResMed Asia Pte. Ltd.	2021253663	Wonderland Switzerland AG
2019479288	Hill's Pet Nutrition, Inc.	2021256223	Shenzhen Enduring Biotech, Ltd.
2020200077	Howmedica Osteonics Corp.	2021257650	International Business Machines Corporation
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2021260664	Shaanxi Giant Biotechnology Co., Ltd	2022202094	Corteva Agriscience LLC
2021261819	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2022202242	Eddy Current Limited Partnership
2021261910	Gilead Sciences, Inc.	2022202257	Snap-on Incorporated
2021263637	Vivo Mobile Communication Co., Ltd.	2022202314	Becton, Dickinson and Company
2021268402	Daikin Industries, Ltd.	2022202343	Medtronic Minimed, Inc.
2021268944	Corcept Therapeutics Incorporated	2022202389	Argonaut Therapeutics Limited
2021272725	Atlas Copco Airpower, Naamloze Vennootschap	2022202747	Institut Químic De Sarriá Cets Fundació Privada
2021274324	Oji Holdings Corporation	2022202803	Clene Nanomedicine, Inc.
2021277637	FISHER & PAYKEL HEALTHCARE LIMITED	2022203018	ALTO PACKAGING LIMITED
2021279784	Komatsu Ltd.	2022203099	Alcon, Inc.; The Regents of the University of Colorado, a body corporate
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2021283650	Topgolf Sweden AB	2022203208	Snap-on Incorporated
2021284461	Neuraly Inc.	2022203726	Fisher & Paykel Healthcare Limited
2021286320	Daiichi Sankyo Company, Limited; Daiichi Sankyo Europe GmbH	2022203829	Wing Aviation LLC
2021289575	Chevron U.S.A. Inc.	2022204050	Gilead Sciences, Inc.
2021293921	Apple Inc.	2022204179	Doona Holdings Ltd.
2021294333	Austin Star Detonator Company	2022204224	Snap-on Incorporated
2021300786	Omniceil, Inc.	2022206448	CAAMTECH, INC.
2021302131	Horen Cortp Co., Ltd.	2022207218	GMM S.P.A.
2021302572	Fujikura Ltd.	2022209295	GW Research Limited
2021309113	AdvanSix Resins & Chemicals LLC	2022211888	Dolan, G.
2021311618	Blue Penny, LLC	2022215232	Accenture Global Solutions Limited
2021312565	LG Electronics Inc.	2022215260	Janssen Pharmaceutica NV
2021312806	Google LLC	2022221488	Synthetic Genomics, Inc.
2021318867	Chevron U.S.A. Inc.	2022224708	TAKAGI Co., Ltd.
2021319441	Telefonaktiebolaget LM Ericsson (publ)	2022231745	Becton, Dickinson and Company
2021323311	ZTE Corporation	2022240454	ELI LILLY AND COMPANY
2021328998	Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.; Haier Smart Home Co., Ltd.	2022241473	Canva Pty Ltd
2021330014	Green Li-ion Pte Ltd.	2022241615	Tao Mining Co., Ltd.
2021331245	Siemens Energy Global GmbH & Co. KG	2022246378	Hürlimann Railtec AG
2021332768	Nippon Chemiphar Co., Ltd.	2022263534	Howmedica Osteonics Corp.
2021339989	International Business Machines Corporation	2022263612	Johnson & Johnson Consumer Inc.
2021342493	GOOGLE LLC	2022268342	DEKA Products Limited Partnership
2021346160	CLARIANT INTERNATIONAL LTD	2022271385	Canon Kabushiki Kaisha
2021372486	TAU MOTORS, INC.	2022279409	Boston Scientific Scimed, Inc.
2021379834	USTAV ORGANICKE CHEMIE A BIOCHEMIE AV CR V.V.I.	2022287668	Becton, Dickinson and Company
2021384629	STADISON (BEIJING) BIOPHARMACEUTICALS CO., LTD.	2022291162	UPSIDE FOODS, INC.
2021386538	Kill-Frech, C.	2022291418	Einhell Germany AG
2021391070	Waikato Milking Systems LP	2022291444	Dolby International AB
2021393791	FRONIUS INTERNATIONAL GMBH	2022291560	Nuovo Pignone Tecnologie Srl
2021397333	Wing Aviation LLC	2022291573	The Johns Hopkins University
2021398587	MINELAB ELECTRONICS PTY. LIMITED	2022297082	ALCHEMEDIKINE, INC.
2021404156	SHAHEEN INNOVATIONS HOLDING LIMITED	2022300907	DROPBOX, INC.
2021412848	ALTERYX, INC.	2022309372	LN AUTOMATION PTY LTD
2021443661	TECHNOLOGY ONE LIMITED	2022318275	COOPERVISION INTERNATIONAL LIMITED
2021463548	GUO, X.	2022321046	PSILO SCIENTIFIC LTD
2022200043	Unilin BV	2022351537	FLOWSERVE PTE. LTD.
2022200531	Amazentis SA	2022361507	PSILO SCIENTIFIC LTD
2022200842	2840629 ONTARIO INC.	2022372239	PSILO SCIENTIFIC LTD
2022200883	DePuy Synthes Products, LLC	2022377068	T.F.H. PUBLICATIONS, INC.
2022200958	DePuy Ireland Unlimited Company	2022405894	CULLERTON, M.; CHARLES, T.
2022201025	Nicoventures Trading Limited	2022434260	FRONIUS INTERNATIONAL GMBH
2022201027	Wellell Inc.	2023200392	AMARIN PHARMACEUTICALS IRELAND LIMITED
2022201031	Magic Leap, Inc.	2023200515	University of Virginia Patent Foundation; ACCESS TO ADVANCED HEALTH INSTITUTE
2022201168	Renata Medical, Inc.	2023201134	The Boeing Company
2022201171	The Sy-Klone Company, LLC	2023201256	Seowon University Industry-University Cooperation Foundation
2022201228	Agro-Alliance Australia Pty Ltd	2023201299	Google LLC
2022201238	Redbud Labs, Inc.; The University of North Carolina at Chapel Hill	2023201449	CloudBlue LLC
2022201383	Fisher & Paykel Healthcare Limited	2023201533	Canva Pty Ltd
2022201396	KOKI HOLDINGS CO., LTD.	2023201983	Canva Pty Ltd
2022201433	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD.	2023202066	SNIPR Technologies Limited
2022201630	Incyte Holdings Corporation	2023203404	Intuit Inc.
		2023203433	DRAEGER SAFETY AG & CO. KGAA
		2023203582	Merits Health Products Co., Ltd.
		2023204667	Rom Technologies, Inc.
		2023214363	Tencent America LLC
		2023237063	Yue, W.

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2023282191	Zhejiang Aiko Solar Energy Technology Co., Ltd.
2023285935	Apple Inc.
2023336076	SHANDONG WEIFANG RAINBOW CHEMICAL CO., LTD
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2022200531	2017230891	2018273484	2018222749	2019424414	2019200327
2022321046	2017345724		2018247555		
2022361507	2018235778	<u>A61N 5 /-</u>	2018269462	<u>B01D 45 /-</u>	<u>B03B 1 /-</u>
2022372239	2018357886	2022203169	2019262521	2022201171	2021330014
	2019225031		2020320187		
<u>A61K 38 /-</u>	2022231745	<u>A61P 1 /-</u>	2020346172	<u>B01D 46 /-</u>	<u>B05B 1 /-</u>
	2023200515	2020305793	2020353076	2022201171	2022246378
2017230891		2020378719	2020373913		
2017345724	<u>A61L 15 /-</u>	2021226119	2020378719	<u>B01D 5 /-</u>	<u>B05B 12 /-</u>
2017390680	2018268713	2021268944	2021226119	2018300250	2022246378
2018217375		2022297082	2021256223		
2018236123	<u>A61L 2 /-</u>		2021258011	<u>B01D 53 /-</u>	<u>B05B 17 /-</u>
2020281046	2018348194	<u>A61P 11 /-</u>	2022202389	2018300250	2021404156
2020320187		2022297082	2022203169	2020464187	
2021284461	<u>A61L 27 /-</u>		2022204050	2021272725	<u>B05B 7 /-</u>
2021384629	2018268713	<u>A61P 13 /-</u>	2022240454		2020362543
2022203169	2020331035	2022297082	2022297082	<u>B01D 61 /-</u>	<u>B06B 1 /-</u>
	2021260003			2019322251	2021404156
<u>A61K 39 /-</u>	2022202747	<u>A61P 17 /-</u>	<u>A61P 37 /-</u>	<u>B01D 69 /-</u>	<u>B08B 1 /-</u>
2017220184		2020363042	2018222749	2019234497	2019203299
2017261705	<u>A61L 29 /-</u>		2018302153		<u>B08B 11 /-</u>
2018222749	2019269674	<u>A61P 19 /-</u>	2020223706	<u>B01D 71 /-</u>	2019240835
2018302153		2017390680	2020267324	2019234497	<u>B08B 13 /-</u>
2020223706	<u>A61L 31 /-</u>	2020223706	2020346172	<u>B01F 23 /-</u>	2019203299
2020320187	2020348320		2020373913	2020362543	2019240835
2021261910		<u>A61P 21 /-</u>		2020378596	<u>B01F 35 /-</u>
2023200515	<u>A61M 1 /-</u>	2018328131	<u>A61P 39 /-</u>	<u>B01J 13 /-</u>	<u>B08B 3 /-</u>
	2018280128		2018328131	2022201228	2019240835
<u>A61K 45 /-</u>	2019238375	<u>A61P 25 /-</u>	2019228686	<u>B01J 19 /-</u>	2018203479
2017230891	2022268342	2017345724	2020363042	2018384081	2020200077
2018222749		2018328131	2021200357	<u>B01J 20 /-</u>	<u>B23K 10 /-</u>
2018236123	<u>A61M 11 /-</u>	2019225031		2019228686	2022204224
2018328131	2019225031	2019242521	<u>A61P 43 /-</u>	2020464187	<u>B23Q 16 /-</u>
2019225031	2021404156	2019309130	2019242521	<u>B01J 21 /-</u>	2019216223
2021226119		2019479288	2019309130	2019219056	<u>B25B 13 /-</u>
2021260664	<u>A61M 15 /-</u>	2020361735	2021226119	<u>B01J 23 /-</u>	2022203208
2022203169	2021404156	2020391291	2022297082	2018299756	<u>B25B 15 /-</u>
		2021260664		2019219056	2022204224
<u>A61K 47 /-</u>	<u>A61M 16 /-</u>	2021268944	<u>A61P 7 /-</u>	2021346160	<u>B25B 17 /-</u>
2017345724	2019206581	2021332768	2018217375	<u>B01J 35 /-</u>	<u>B25B 21 /-</u>
2018352221	2019478910	2021384629	2019342637	2019219056	2022202257
2019210976	2021277637	2022203169	<u>A61P 9 /-</u>	2021346160	2022203208
2019221709	2022201383	2022209295	2022297082		
2019262521	2022203726	2022297082	<u>A61Q 19 /-</u>	<u>B01J 21 /-</u>	
2021256223			2020411515	2019219056	
2021286320	<u>A61M 21 /-</u>	<u>A61P 29 /-</u>		<u>B01J 23 /-</u>	
2023200515	2019381647	2018236123	<u>A61P 29 /-</u>	<u>B01J 23 /-</u>	
		2020267324	2018332820	2018299756	
<u>A61K 48 /-</u>	<u>A61M 25 /-</u>	2022203169	<u>A63B 37 /-</u>	2019219056	
2018352221	2018378592	2022204050	2021283650	2021346160	
	2019267139				
<u>A61K 49 /-</u>		2018215216	<u>A61Q 5 /-</u>	<u>B01J 37 /-</u>	
2019224170		2019225031	2018332820	2019219056	
2020205960	<u>A61M 27 /-</u>	2019318115	<u>A63H 33 /-</u>	2021346160	
2020348320	2018378592	2021200357			
	2019267139	2021260048	<u>B01D 11 /-</u>		
<u>A61K 51 /-</u>		2022203169			
2019210976	<u>A61M 27 /-</u>		2022321046		
	2018378592	<u>A61P 33 /-</u>	2022361507		
<u>A61K 8 /-</u>		2022203169	2022372239		
2017278257	<u>A61M 5 /-</u>				
2018332820	2018326619				
2020363042	2018384707				
2020411515	2022202314				

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<u>B25B 23 /-</u>	2018203479	2020402917	<u>B65D 81 /-</u>	<u>B81B 3 /-</u>	2019253288
2022202257	<u>B33Y 40 /-</u>	<u>B62B 7 /-</u>	2019202684	2022201238	<u>C07D 205 /-</u>
<u>B25B 27 /-</u>	2020200077	2021253663	2024200372	<u>B81B 7 /-</u>	2022203169
2020270314	<u>B33Y 80 /-</u>	2022204179	<u>B65D 83 /-</u>	2022201238	<u>C07D 207 /-</u>
<u>B25F 5 /-</u>	2018203479	<u>B62B 9 /-</u>	2018276074	<u>B82Y 5 /-</u>	2019262521
2022201396	<u>B41M 3 /-</u>	2021253663	<u>B65D 85 /-</u>	2017230891	2022203169
<u>B25J 15 /-</u>	2018329177	<u>B62K 13 /-</u>	2018276074	<u>C01B 13 /-</u>	<u>C07D 209 /-</u>
2021300786	<u>B41M 5 /-</u>	2022204179	<u>B65D 88 /-</u>	2018305877	2019228686
<u>B26B 7 /-</u>	2021274324	<u>B63B 21 /-</u>	2021221824	<u>C01B 3 /-</u>	2019262521
2019216223	<u>B60F 1 /-</u>	2020226629	2021302131	2022361507	2022372239
<u>B28D 7 /-</u>	2022246378	<u>B63G 8 /-</u>	<u>B65D 90 /-</u>	2018299756	<u>C07D 211 /-</u>
2022207218	<u>B60G 11 /-</u>	2018394288	2021221824	2018305877	<u>C07D 211 /-</u>
<u>B29B 9 /-</u>	2018295425	<u>B64C 39 /-</u>	2021302131	<u>C01C 1 /-</u>	2022203169
2018329177	<u>B60G 17 /-</u>	2021397333	<u>B65F 1 /-</u>	2021346160	<u>C07D 217 /-</u>
<u>B29C 51 /-</u>	2019374755	2022203829	2021302131	<u>C01F 17 /-</u>	2022202389
2022203018	<u>B60G 21 /-</u>	<u>B64F 5 /-</u>	<u>B65G 1 /-</u>	2021379834	<u>C07D 231 /-</u>
<u>B29C 53 /-</u>	2018295425	2021397333	2021463548	<u>C01G 3 /-</u>	2020373913
2020363817	<u>B60L 53 /-</u>	<u>B64G 1 /-</u>	<u>B65G 23 /-</u>	2018425901	2022201630
<u>B29C 64 /-</u>	2022434260	2020319085	2018202746	<u>C02F 1 /-</u>	<u>C07D 239 /-</u>
2018203479	<u>B60L 7 /-</u>	<u>B64G 3 /-</u>	<u>B65G 3 /-</u>	2018300250	2021268944
<u>B29D 11 /-</u>	2022202242	2020319085	2021221824	<u>C03B 9 /-</u>	<u>C07D 261 /-</u>
2022318275	<u>B60N 2 /-</u>	<u>B65B 37 /-</u>	<u>B65G 45 /-</u>	2019236458	2022321046
<u>B31B 50 /-</u>	2020416683	2019293561	2021386538	<u>C07B 61 /-</u>	<u>C07D 295 /-</u>
2021274324	<u>B60N 3 /-</u>	<u>B65C 9 /-</u>	<u>B65G 47 /-</u>	2021332768	2022203169
<u>B31D 1 /-</u>	2018426429	2018330917	2019258175	<u>C07C 233 /-</u>	<u>C07D 307 /-</u>
2021274324	<u>B60Q 1 /-</u>	2020395474	<u>B65G 54 /-</u>	2019236369	2021260048
<u>B32B 15 /-</u>	2021246451	<u>B65D 1 /-</u>	2018330917	<u>C07C 317 /-</u>	<u>C07D 333 /-</u>
2021234704	<u>B60R 13 /-</u>	2017440044	<u>B66B 25 /-</u>	2018333065	2019297401
<u>B32B 27 /-</u>	2018426429	2019236458	2020388210	2022203169	2020373913
2021274324	<u>B60R 21 /-</u>	2022203018	<u>B66B 9 /-</u>	<u>C07C 319 /-</u>	<u>C07D 401 /-</u>
<u>B32B 3 /-</u>	2018309077	<u>B65D 19 /-</u>	2018248119	2019269038	2019236369
2019381647	<u>B60T 17 /-</u>	2021302131	<u>B66F 11 /-</u>	<u>C07C 323 /-</u>	2020361735
<u>B32B 5 /-</u>	2019397384	<u>B65D 21 /-</u>	2019374755	2019269038	2020378719
2018329177	<u>B60T 8 /-</u>	2017440044	<u>B66F 7 /-</u>	<u>C07C 45 /-</u>	2022202389
<u>B32B 7 /-</u>	2018416898	<u>B65D 25 /-</u>	2019201168	<u>C07C 49 /-</u>	2022204050
2018426429	<u>B61D 15 /-</u>	2021234704	<u>B66F 9 /-</u>	2019253288	<u>C07D 403 /-</u>
2019381647	2022246378	<u>B65D 43 /-</u>	2019374755	<u>C07C 49 /-</u>	2019228686
2021274324	<u>B61F 5 /-</u>	2021302131	<u>B67D 1 /-</u>	2023336076	2020378719
<u>B33Y 10 /-</u>		<u>B65D 77 /-</u>	2020378596	<u>C07C 51 /-</u>	2020361735
		2017440044		2019253288	2020378719
				<u>C07C 59 /-</u>	2022202389
					2022204050
					2022297082

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<u>C07D 407 /-</u>	2019228686	<u>C08G 59 /-</u>	2019295304	2018313892	<u>C30B 1 /-</u>
2020373913	<u>C07F 5 /-</u>	2018440151	<u>C10G 2 /-</u>	2019234793	2022202803
<u>C07D 409 /-</u>	2022201630	<u>C08G 61 /-</u>	2019219056	2021200357	<u>C40B 40 /-</u>
2019228686	<u>C07F 7 /-</u>	2018384081	<u>C10K 3 /-</u>	2022291162	2020374826
2020346172	2022201630	<u>C08G 65 /-</u>	2018299756	2016432443	<u>D02G 3 /-</u>
2020373913	<u>C07F 9 /-</u>	2018203941	<u>C11B 5 /-</u>	2017211395	2019381647
2020378719	2022321046	2019216328	2017203563	2017377135	<u>D06F 39 /-</u>
2022202389	<u>C07H 17 /-</u>	<u>C08G 73 /-</u>	<u>C11D 11 /-</u>	2017377136	2021200076
2022204050	2022240454	2018384081	2021311618	2017377792	<u>D21H 17 /-</u>
<u>C07D 413 /-</u>	<u>C07H 19 /-</u>	<u>C08G 77 /-</u>	<u>C11D 17 /-</u>	2018275751	2021226119
2019309130	2021206866	2019216328	2021311618	2018287145	2023202066
2020346172	<u>C07H 21 /-</u>	<u>C08J 9 /-</u>	<u>C11D 3 /-</u>	2021226119	<u>D12P 19 /-</u>
2020361735	2018333065	2019287565	2018348194	2023202066	2019287565
2022204050	<u>C07K 1 /-</u>	<u>C08K 3 /-</u>	2021311618	<u>C12P 21 /-</u>	<u>D21H 19 /-</u>
2022297082	2019342637	2018425901	<u>C12M 1 /-</u>	2018275751	2021274324
<u>C07D 417 /-</u>	<u>C07K 14 /-</u>	<u>C08K 5 /-</u>	2019272603	2019272603	2021274324
2019309130	2017363256	2018384081	<u>C12M 3 /-</u>	<u>C12P 7 /-</u>	<u>D21H 27 /-</u>
2020353076	2018264463	<u>C08L 23 /-</u>	2019234793	2019272603	2021274324
2020361735	2018275751	2018363819	<u>C12N 1 /-</u>	<u>C12Q 1 /-</u>	2018363819
2022202389	2018313892	<u>C08L 29 /-</u>	2017339033	<u>E01C 7 /-</u>	2019382306
2022204050	2019285085	2018215216	2018258323	<u>E02D 17 /-</u>	2019201184
<u>C07D 471 /-</u>	2019322487	2018275751	2018333065	2019201184	<u>E02F 1 /-</u>
2019210976	2020281046	2018363819	2019445706	2020310247	2019201184
2019309130	2021284461	<u>C08L 53 /-</u>	2020410741	2020410741	<u>E02F 3 /-</u>
2019318115	2021384629	2018363819	2021200357	2021200357	2019201184
2021226119	<u>C07K 16 /-</u>	<u>C08L 71 /-</u>	2022202083	2022221488	<u>E02F 5 /-</u>
2021332768	2016365318	2019216328	<u>C12N 13 /-</u>	<u>C12R 1 /-</u>	2019201184
2022204050	2017211395	<u>C08L 83 /-</u>	2017358067	2017339033	<u>E02F 9 /-</u>
2022215260	2017220184	2019216328	<u>C12N 15 /-</u>	2018241852	2019201184
<u>C07D 475 /-</u>	2017230850	<u>C08L 89 /-</u>	2016432443	<u>C22B 26 /-</u>	<u>E02F 1 /-</u>
2020410741	2017363256	2019216328	2017257225	2019322251	2018203749
<u>C07D 487 /-</u>	2017363256	<u>C08L 95 /-</u>	2017346683	<u>C22B 3 /-</u>	<u>E03B 3 /-</u>
2019309130	2019342637	2018363819	2017363256	2021330014	2018300250
2020346172	2020223706	<u>C09D 153 /-</u>	2017377135	<u>C23F 13 /-</u>	<u>E03C 1 /-</u>
2020373913	2020267324	2018203941	2017377136	2021202361	2019213025
2021226119	2020320187	<u>C09D 171 /-</u>	2017377792	<u>C25B 1 /-</u>	2019227857
2022201630	2021203593	2018203941	2017394729	2018305877	2022224708
2022206448	2021261910	<u>C09D 5 /-</u>	2018222749	2021245159	<u>E03D 11 /-</u>
<u>C07D 491 /-</u>	<u>C07K 19 /-</u>	2018203941	2018264463	<u>C25B 15 /-</u>	2019213025
2020378719	2017211395	<u>C09K 15 /-</u>	2018275751	2021245159	<u>E04B 1 /-</u>
2022202389	2017213659	2017203563	2018333065	2019322251	<u>E04F 13 /-</u>
2022240454	2020374826	<u>C09K 8 /-</u>	2018352221		
<u>C07D 493 /-</u>	2021384629		2019285085		
2020373913	<u>C07K 7 /-</u>		2019322487		
<u>C07D 495 /-</u>	2018352221		2019445706		
2020378719	2019323613		2020305793		
2022202389	<u>C08F 12 /-</u>		2020310247		
2022204050	2018384081		2021226119		
<u>C07D 498 /-</u>	<u>C08G 18 /-</u>		2021284461		
2019309130	2018332820		2021384629		
<u>C07D 519 /-</u>			2022221488		
			2023202066		
			<u>C12N 5 /-</u>		
			2017363256		

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2022200842	<u>E21B 34 /-</u>		<u>F16K 17 /-</u>	<u>F24S 30 /-</u>	
<u>E04F 15 /-</u>	2018367221	<u>F02D 41 /-</u>	2022351537	2018333807	<u>G01N 15 /-</u>
2022200043	2018451733	2019201184			2019242951
	2018452012	2019211214	<u>F16K 25 /-</u>	<u>F25B 31 /-</u>	2022201238
<u>E04H 17 /-</u>	<u>E21B 4 /-</u>	<u>F02G 5 /-</u>	2022351537	2021268402	<u>G01N 21 /-</u>
2019243537	2018302445	2021245159	<u>F16K 27 /-</u>	<u>F25J 1 /-</u>	2017358067
2022309372			2019227857	2020363817	2018337648
<u>E04H 4 /-</u>	<u>E21B 41 /-</u>	<u>F02P 19 /-</u>			2022318275
2018345417	2018456050	2019211214	<u>F16K 31 /-</u>	<u>F41H 1 /-</u>	<u>G01N 27 /-</u>
	2020226629		2019200999	2019229340	2020410741
<u>E04H 5 /-</u>	<u>E21B 43 /-</u>	<u>F03B 13 /-</u>			
2021221824	2019295304	2018322818	<u>F16K 37 /-</u>	<u>F41H 5 /-</u>	<u>G01N 33 /-</u>
<u>E05C 1 /-</u>	2020226629	<u>F03G 6 /-</u>	2022351537	2019229340	2017350137
	2021318867	2021234263	<u>F16K 49 /-</u>	<u>F42B 3 /-</u>	2017358067
2020401386	<u>E21B 47 /-</u>	<u>F03G 7 /-</u>	2022351537	2021294333	2018268001
<u>E05D 15 /-</u>	2021318867	2017433381	<u>F16L 1 /-</u>	<u>G01B 11 /-</u>	2018276074
2022405894	<u>E21B 49 /-</u>	<u>F04D 19 /-</u>	2018322818	2019209755	2018337648
<u>E06B 11 /-</u>	2018456050	2022201171	<u>F16L 15 /-</u>	<u>G01B 7 /-</u>	2019228686
2022309372	<u>E21B 7 /-</u>	<u>F04D 25 /-</u>	2019230533	2021463548	2021226119
<u>E06B 3 /-</u>	2018367221	2018201157	<u>F17D 1 /-</u>	<u>G01C 11 /-</u>	2023203433
2022211888	<u>E21D 11 /-</u>	2022201171	2021245159	2019209755	<u>G01P 15 /-</u>
<u>E06B 7 /-</u>	2021279784	<u>F04D 29 /-</u>	<u>F21V 8 /-</u>	<u>G01C 15 /-</u>	2018309077
2021221824	<u>E21D 9 /-</u>	2018201157	2022201031	2019209755	<u>G01P 3 /-</u>
<u>E06B 9 /-</u>	2021279784	<u>F15B 15 /-</u>	<u>F23D 14 /-</u>	<u>G01C 21 /-</u>	2020388210
2018202536	<u>E21F 17 /-</u>	2018451733	2022291560	2018309077	2020376051
2022211888	2018278346	<u>F16B 2 /-</u>	<u>F23R 3 /-</u>	<u>G01F 1 /-</u>	2022291418
<u>E21B 1 /-</u>	<u>F01D 11 /-</u>	2019292669	2022291560	2020425734	<u>G01R 31 /-</u>
2018302445	2021229496	<u>F16B 23 /-</u>	<u>F24C 15 /-</u>	<u>G01F 15 /-</u>	<u>G01R 35 /-</u>
<u>E21B 10 /-</u>	<u>F01D 15 /-</u>	2019226491	2018264889	2020425734	2019224170
2018302445	2021234263	<u>F16B 33 /-</u>	<u>F24C 7 /-</u>	<u>G01F 25 /-</u>	2021398587
2021241811	<u>F01K 23 /-</u>	2023201256	2018264889	2020425734	<u>G01R 33 /-</u>
<u>E21B 17 /-</u>	2021245159	<u>F16B 37 /-</u>	<u>F24F 11 /-</u>	<u>G01G 19 /-</u>	2019224170
2018340861	<u>F01K 25 /-</u>	2023201256	2021221824	2022231745	<u>G01S 1 /-</u>
2019230533	2021245159	<u>F16B 5 /-</u>	<u>F24F 7 /-</u>	<u>G01G 21 /-</u>	2019209755
<u>E21B 21 /-</u>	<u>F01N 11 /-</u>	2019397384	2021221824	2022231745	201283650
2018456050	2019201184	<u>F16H 53 /-</u>	<u>F24S 20 /-</u>	<u>G01M 11 /-</u>	<u>G01S 13 /-</u>
<u>E21B 23 /-</u>	<u>F02B 13 /-</u>	2023203433	2021234263	2022318275	2021283650
2018451733	2017433381	<u>F16K 1 /-</u>	<u>F24S 23 /-</u>	<u>G01M 5 /-</u>	<u>G01S 15 /-</u>
2018452012	<u>F02B 63 /-</u>	2022351537	2018333807	2021463548	2018394288
<u>E21B 25 /-</u>	2017433381	<u>F16K 11 /-</u>	<u>F24S 25 /-</u>	<u>G01N 1 /-</u>	<u>G01S 5 /-</u>
2018367221	<u>F02D 19 /-</u>	2019227857	2018333807	2018337648	2019209755
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2018367221					2021293921
2020226629					<u>G01S 7 /-</u>
					2021283650
					<u>G01V 1 /-</u>
					2021289575

Applications Accepted - IPC Index cont'd

G01V 3/-	2022279409	2019399480	G16H 20/-	2022434260	2024200159
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G02B 6/-	2020319085	2019224170	G16H 40/-		
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2021331245	G06F 8/-	2023201983	2020411504	2021398587	H04L 67/-
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G05B 13/-	2019355933			H02K 5/-	
	2019364421	2019345266	2022291418		H04L 9/-
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		2023201983	H01B 1/-	2021372486	
G05B 5/-	G06N 10/-		2018384081	H02K 7/-	H04M 1/-
		G06V 30/-			
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		2023201533		H02K 9/-	H04M 3/-
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	2023201533		2023237063	H03F 1/-	
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	2023204667		H01J 49/-	2021312806	2023214363
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G06F 11/-	G06N 7/-	2019399480		2023201299	2022291444
			H01M 10/-		
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2021443661	G06Q 10/-	2021274324	2022201396	2019464601	2018309077
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2021339989	2021443661	2022215232	2021330014	2019229340	H04W 56/-
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Applications Accepted - IPC Index cont'd

H04W 84 /-

2018408692
2021293921

H04W 88 /-

2020473989

H05K 1 /-

2021342493

H05K 3 /-

2021342493

H05K 7 /-

2021257650

H10N 60 /-

2019265449
2021312806

H10N 69 /-

2021312806

Certified Innovation Patents**Name Index**

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

(71) Lambrou, H.
(11) AU-B-2018100090
(21) 2018100090 (22) 19.01.2018
(54) HANDLE MOUNTING ASSEMBLY
(51) Int. Cl.
 E05B 9/08 (2006.01)
 E05B 7/00 (2006.01)
(45) 18.04.2024
(72) Lambrou, Harris
(74) mdp Patent and Trade Mark Attorneys

Numerical Index

2018100090 Lambrou, H.

IPC Index

E05B 7 /-

2018100090

E05B 9 /-

2018100090

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2023100082 **Scott Automation & Robotics Pty Ltd** (Intelligent Robotics Pty Ltd)

Opposition Dismissed

2017261483 **Corteva Agriscience LLC** (Nufarm Australia Limited)

Patents Granted

Standard Patents

2016365751	2017202406	2017208133	2017232050
2017233121	2017238817	2017252344	2017260660
2017269582	2017283158	2017313917	2017315294
2017322712	2017327769	2017341028	2017351263
2017360092	2017361549	2017371394	2017375630
2017380471	2017380769	2017381598	2017393107
2017406005	2017417560	2017420362	2017426418
2017438039	2017440304	2017441040	2018200475
2018200563	2018200600	2018202537	2018203683
2018204000	2018204152	2018204927	2018207541
2018209807	2018211523	2018212273	2018215090
2018216970	2018218164	2018222217	2018223146
2018227586	2018229696	2018231122	2018231144
2018231643	2018231943	2018233961	2018234796
2018236271	2018236353	2018236846	2018238190
2018244251	2018246235	2018246351	2018247293
2018249530	2018253868	2018254626	2018257387
2018258372	2018260451	2018262548	2018262574
2018262790	2018264143	2018266417	2018266835
2018270381	2018270433	2018273975	2018276273
2018277525	2018277526	2018280741	2018280742
2018282103	2018284307	2018285542	2018285814
2018285912	2018288604	2018289303	2018290752
2018292956	2018294317	2018295426	2018295686
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2018310672	2018311310	2018312121	2018314216
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2018322414	2018323436	2018324118	2018327272
2018328714	2018329484	2018330392	2018333555
2018333668	2018333873	2018334392	2018336053
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2018341239	2018341302	2018346455	2018348794
2018349792	2018350979	2018352104	2018352384
2018352478	2018353113	2018354771	2018357073
2018361223	2018363796	2018366108	2018366282
2018368199	2018375175	2018377854	2018379105
2018379703	2018382329	2018382566	2018382575
2018383663	2018384035	2018387643	2018388408
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2019211693	2019212006	2019212888	2019217320
2019217499	2019217879	2019218889	2019220486
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2019312753	2019314634	2019341037	2019346637
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2019413865	2019469119	2019471042	2019477537
2019478288	2019479051	2019479110	2019479339
2019479398	2020210236	2020218748	2020224396

Patents Granted

Standard Patents

2020226846	2020239643	2020241910	2020246114
2020257980	2020259270	2020265790	2020266229
2020267770	2020268493	2020272975	2020283844
2020291753	2020291757	2020292655	2020297034
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2021286294	2021286317	2021286337	2021290263
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2021299912	2021301379	2021305837	2021306216
2021306453	2021308239	2021311386	2021312452
2021323387	2021325865	2021337217	2021338289
2021345023	2021348477	2021356025	2021368641
2021368677	2021372954	2021380487	2021380855
2021400944	2021407827	2021416759	2021427532
2021434552	2022200010	2022200346	2022200389
2022200604	2022200811	2022200864	2022200877
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2022202467	2022202522	2022202721	2022202792
2022203181	2022203499	2022203683	2022203743
2022204057	2022204449	2022204485	2022204890
2022205194	2022209311	2022214554	2022215191
2022215217	2022215247	2022215283	2022221393
2022221499	2022235536	2022246461	2022252228
2022252710	2022256081	2022263576	2022266952
2022268379	2022273526	2022275474	2022279479
2022283788	2022287627	2022289516	2022329894
2022452746	2023200411	2023200968	2023202471
2023203125	2023203776	2023203785	2023204180
2023204181	2023204182	2023204191	2023226649
2023237044	2023255407		

Innovation Patents

2020104501	2020104503	2024100016	2024100017
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Assignments Registered

2004238139 Japan Science and Technology Agency; Mitsui Sugar Co., Ltd. The patent has been assigned to **Mitsui DM Sugar Co.,Ltd.**

2007236557 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2007333850 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

Assignments Registered

2008222974 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2008296490 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2009240632 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2009303518 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2010256678 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2010282270 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2010300526 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2010303446 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2010339878 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2010339959 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011201709 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011201710 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011201711 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011253774 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011253777 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011302487 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2011379964 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2012203543 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2012209354 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2012388216 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2013315186 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2013361158 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2014268208 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2014275130 AgeX Therapeutics, Inc. The patent has been assigned to **Reverse Bioengineering, Inc.**

Assignments Registered

2014281619 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2014352879 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2014352965 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2014373967 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2014374101 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2015200315 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2015200373 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2015202683 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2015203268 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2015252755 Ultra Tips International Limited The patent has been assigned to **Additional Lengths Limited**

2015264242 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2015289455 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016201054 Johnson & Johnson Vision Care, Inc. The patent has been assigned to **Johnson & Johnson Consumer Inc.**

2016204912 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016206947 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016226129 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016308257 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016330469 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016372033 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2016379380 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2017201366 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2017203716 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2017322519 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

2018221435 Longyear TM, Inc. The patent has been assigned to **Boart Longyear Company**

Assignments Registered

2018261988	Huawei Technologies Co., Ltd.	The patent has been assigned to Beijing Jingshi Intellectual Property Management Co., Ltd.
2018282299	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2018282492	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2018311062	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2019200211	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2019201562	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2019226233	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2019279909	AgeX Therapeutics, Inc.	The patent has been assigned to Reverse Bioengineering, Inc.
2020202327	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2020206129	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2020213298	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2020273324	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021106750	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021106774	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021106799	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021106826	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021106838	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021106856	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021107115	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021206897	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021209152	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021212137	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company
2021212154	Longyear TM, Inc.	The patent has been assigned to Boart Longyear Company

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

2015299163 **F. HOFFMANN-LA ROCHE AG**

The earliest first regulatory approval date provided by the patentee 09 Aug 2023

For the goods COLUMVI glofitamab

Extension of Term of patent pursuant to Section 77 expires on 09 Aug 2038

2019250201 **F. Hoffmann-La Roche AG**

The earliest first regulatory approval date provided by the patentee 09 Aug 2023

For the goods COLUMVI glofitamab

Extension of Term of patent pursuant to Section 77 expires on 09 Aug 2038

Corrigenda

In Vol 35 , No 8 , Page(s) 1197 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name MESCO Inc., Application No. 2019324950, under INID (71) add co-applicant Glencore Technology Pty Limited

In Vol 58 , No 14 , Page(s) 1946 under the heading **Amendments - Application for Amendments** Under the name ESCO Group LLC, Application No. 2020202517 correct the date of the statements filed to read 17 April 2023 and 5 February 2024

In Vol 58 , No 14 , Page(s) 1946 under the heading **Amendments - Application for Amendments** Under the name Eli Lilly and Company, Application No. 2020401960 correct the date of the statements filed to read 7 March 2024 and 19 March 2024

Specifications Republished

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

2017222231	Eyeserv GmbH
2018347005	ASSA ABLOY Australia Pty Limited
2020363035	Oro Agri Inc.
2020466305	THE FLOREY INSTITUTE OF NEUROSCIENCE AND MENTAL HEALTH
2020472610	MARLIN AS
2020477931	NYXOAH SA
2020481682	HALLIBURTON ENERGY SERVICES, INC.
2021232892	AdvanSix Resins & Chemicals LLC
2021329392	PARAGON ADVANCED TECHNOLOGIES, INC.; DOTY, J.F.
2021332121	SANOVI
2021332334	TMUNITY THERAPEUTICS INC.
2021334283	SUNTORY HOLDINGS LIMITED
2021334758	SUMITOMO CHEMICAL COMPANY, LIMITED
2021336289	I2O THERAPEUTICS, INC.
2021338733	HUAWEI TECHNOLOGIES CO., LTD.
2021339844	GENZYME CORPORATION
2021340273	MODRA TECHNOLOGY PTY LTD
2021340733	EYEPOINT PHARMACEUTICALS, INC.
2021341520	SAINT-GOBAIN ISOVER
2021342497	AVICEDA THERAPEUTICS, INC.
2021342704	MELETIOS THERAPEUTICS
2021343193	GCP APPLIED TECHNOLOGIES INC.

Specifications Republished

2021343265 SUEZ INTERNATIONAL
 2021344447 HYSATA PTY LTD
 2021346014 DYNASCAN TECHNOLOGY CORP.
 2021347257 BECTON, DICKINSON AND COMPANY
 2021348345 NICOVENTURES TRADING LIMITED; RAI STRATEGIC HOLDINGS, INC
 2021349696 ALHARRASI, W.
 2021350091 BARD ACCESS SYSTEMS, INC.
 2021353075 ACENTIUM INC
 2021356108 QIAGEN GMBH
 2021356298 LINE 6 BIOTECHNOLOGY, INC
 2021356346 PHARMACEUTIQUE INGENEW INC.
 2021358997 THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK
 2021359641 AVICENA SYSTEMS LIMITED
 2021361055 CEDARS-SINAI MEDICAL CENTER; GEMELLI BIOTECH CORP.
 2021361360 QUINTUPLE AIR, INC.
 2021362683 AUSPEX PHARMACEUTICALS, INC.
 2021365429 TTP PLC.
 2021365838 TISSUE TESTING TECHNOLOGIES LLC
 2021366685 PEPSICO, INC.
 2021367713 LG CHEM, LTD.
 2021368861 RESMED PTY LTD
 2021371026 ATHIRA PHARMA, INC.
 2021371030 MARQUETTE UNIVERSITY
 2021371160 CAPSTAN MEDICAL INC.
 2021372458 RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL
 2021372990 THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
 2021373590 SALK INSTITUTE FOR BIOLOGICAL STUDIES; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
 2021373936 HOMOLOGY MEDICINES, INC.
 2021374669 EXELIXIS, INC.
 2021374887 BAUSCH + LOMB IRELAND LIMITED
 2021375591 FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.
 2021375768 THE GILLETTE COMPANY LLC
 2021376314 OUTSET MEDICAL, INC.
 2021377891 BIOGEN MA INC.
 2021378270 Avirmax Biopharma Inc.
 2021378320 SPERO THERAPEUTICS, INC.
 2021378411 HUM INDUSTRIAL TECHNOLOGY, INC.; THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM
 2021379283 THE SECRETARY OF STATE FOR DEFENCE
 2021379842 TECHNIP ENERGIES FRANCE
 2021380111 EDWARDS LIFESCIENCES INNOVATION (ISRAEL) LTD.
 2021380304 DEYI PHARMACEUTICAL LTD.
 2021380992 GRIFERÍAS GROBER, S.L.; STROHM BATHROOM SOLUTIONS S.A.
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