



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS (Supplement) 11 May 2023

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

The Banktech Group Pty Ltd [2023] APO 22

Innovation Patent: 2021107597

Title: CASH TRANSACTION SYSTEM AND METHOD

Patentee: The Banktech Group Pty Ltd

Delegate: Felix White

Decision Date: 27 April 2023

Hearing Date: 18 November 2022, by video conference

Catchwords: **PATENTS** – innovation patent – examiner’s objection under s101B – manner of manufacture – method or system for conducting cash transactions – invention in substance directed to a regulatory innovation – alleged invention not a manner of manufacture – no patentable subject matter in specification - innovation patent revoked

Representation: Patent attorney for the Patentee: Daniel McKinley of Gestalt Law

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

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

<hr/> <p>(71) Advance ZincTek Limited (21) 2023901275 (22) 01.05.2023 (54) Method for making cathode materials for lithium ion batteries and lithium ion battery incorporating same</p> <hr/> <p>(71) AERO CHAMBER PTY LTD (21) 2023901231 (22) 26.04.2023 (54) Aerochamber: Carbon Abatement Composting Technology</p> <hr/> <p>(71) Alalaw, M. (21) 2023901243 (22) 27.04.2023 (54) An automatic toilet deodoriser device</p> <hr/> <p>(71) Algesa Developments Pty Ltd (21) 2023901250 (22) 28.04.2023 (54) ACCESS BARRIER ASSEMBLY AND SYSTEM</p> <hr/> <p>(71) ALGOFORCE PTY LTD (21) 2023901230 (22) 26.04.2023 (54) HANDHELD UNDERGROUND METAL DETECTOR WITH ADAPTIVE DISPLAY</p> <hr/> <p>(71) Arc Protector Pty Ltd (21) 2023901270 (22) 01.05.2023 (54) Wearable Personal Alarm</p> <hr/> <p>(71) Australian Advanced Materials Pty Ltd (21) 2023901264 (22) 28.04.2023 (54) Moisture Electric Generator Device</p> <hr/> <p>(71) Australian Industrial Plastics Pty Ltd (21) 2023901208 (22) 24.04.2023 (54) Odour Control Apparatus</p> <hr/>	<p>(71) Avotro Pty Ltd (21) 2023901244 (22) 27.04.2023 (54) Controller for an exercise apparatus</p> <hr/> <p>(71) Awaken Mobile Pty Ltd (21) 2023901254 (22) 28.04.2023 (54) Decentralized, Self-Sovereign Digital Identity and Universal Passport System Based on Biometrics and Blockchain Technology</p> <hr/> <p>(71) Backwash Recyclers Australia Pty Ltd (21) 2023901258 (22) 28.04.2023 (54) A BACKWASH FILTRATION SYSTEM</p> <hr/> <p>(71) Bactosure Limited (21) 2023901233 (22) 26.04.2023 (54) System for Detection of Microbiological Materials and Uses Thereof</p> <hr/> <p>Barbulescu, T. see Barbulescu, D. (21) 2023901219</p> <hr/> <p>(71) Barbulescu, D.; Barbulescu, T. (21) 2023901219 (22) 25.04.2023 (54) Pumped hydro energy storage, scalable in a closed-loop charged with floating solar and agrivoltaic generation</p> <hr/> <p>(71) Bignell, P. (21) 2023901221 (22) 26.04.2023 (54) shower caddy with a built in can and glass holder</p> <hr/> <p>(71) Bio-Gene Technology Limited (21) 2023901199 (22) 23.04.2023 (54) IMPROVED PESTICIDAL COMPOSITIONS AND PEST CONTROL METHODS</p> <hr/>	<p>(71) BMSA ANCHORING SYSTEMS PTY LTD (21) 2023901253 (22) 28.04.2023 (54) Footing system</p> <hr/> <p>(71) Ceres Tag Ltd (21) 2023901212 (22) 24.04.2023 (54) PET TRACKING DEVICE ASSEMBLY</p> <hr/> <p>(71) CONCRETE BARRIER CLEANING AUSTRALIA PTY LTD (21) 2023901268 (22) 30.04.2023 (54) Automated concrete barrier cleaning unit</p> <hr/> <p>(71) Confoil Pty Ltd (21) 2023901249 (22) 28.04.2023 (54) Method and System for Manufacturing Pressed Board Trays</p> <hr/> <p>(71) Cumpson, P. (21) 2023901152 (22) 18.04.2023 (54) DEVICE FOR DETECTION AND MEASUREMENT OF THE CONCENTRATION AND IDENTITY OF SUGARS AND OTHER OPTICALLY-ACTIVE COMPOUNDS IN FLUIDS</p> <hr/> <p>(71) Curtin University (21) 2023901239 (22) 26.04.2023 (54) Vegetable Protein Modification</p> <hr/> <p>(71) davern, m. (21) 2023901198 (22) 23.04.2023 (54) Multi stage ground effect wind turbine / mill</p> <hr/> <p>(71) Defy-Hi Robotics Pty Ltd (21) 2023901279 (22) 01.05.2023 (54) Drive system for a robotic vehicle, and autonomous robotic vehicle</p> <hr/>
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Provisional Applications Filed - Name Index cont'd

(71) EKK Holdings Pty Limited
(21) 2023901215 (22) 24.04.2023
(54) A FOLDABLE GUARD RAIL ASSEMBLY AND METHOD OF USE THEREOF

(71) Feline Pty Ltd
(21) 2023901228 (22) 26.04.2023
(54) Electrochemical Cell Configuration

(71) FieldKo Holdings Pty. Limited
(21) 2023901229 (22) 26.04.2023
(54) INSPECTION MANAGEMENT SYSTEM AND METHOD

(71) Fonterra Co-operative Group Limited
(21) 2023901271 (22) 01.05.2023
(54) Dairy food gel production

(71) Formo Bio GmbH
(21) 2023901257 (22) 28.04.2023
(54) Process

(71) Fusetec 3D Pty Ltd
(21) 2023901261 (22) 28.04.2023
(54) Surgical training model

(71) Griffith University
(21) 2023901207 (22) 24.04.2023
(54) Immunogenic composition

(71) GroundProbe Pty Ltd
(21) 2023901262 (22) 28.04.2023
(54) Rock fall monitor

(71) Hammersmith Nominees Pty Ltd
(21) 2023901251 (22) 28.04.2023
(54) Riding saddle

(71) Houmaisi, M.
(21) 2023901259 (22) 28.04.2023
(54) A CABLE MANAGEMENT DEVICE

(71) Hydraquatic Pty Ltd
(21) 2023901241 (22) 27.04.2023
(54) Heating System

(71) Hysential Pty Ltd
(21) 2023901206 (22) 24.04.2023
(54) A Refillable Pod System

(71) Idoaba Pty Ltd
(21) 2023901222 (22) 26.04.2023
(54) METHODS AND SYSTEMS FOR REDUCTION OF SPODUMENE FROM SPODUMENE-CONTAINING ORE

(71) Innovation Beauty Lab
(21) 2023901247 (22) 27.04.2023
(54) Bio-revitalising Peel

(71) Knowledge Orchestrator Pty Ltd
(21) 2023901255 (22) 28.04.2023
(54) Content Generation Engine

(71) Labelmakers Group Pty Ltd
(21) 2023901245 (22) 27.04.2023
(54) A LABEL

(71) Lee, W.
(21) 2023901204 (22) 24.04.2023
(54) HYPODERMIC DELIVERY OF MEDICAMENTS

(71) Linda Leask Innovations Pty Ltd
(21) 2023901226 (22) 26.04.2023
(54) Quilt Cover Securing Device

(71) M3S IP Pty Ltd
(21) 2023901213 (22) 24.04.2023
(54) Improved Adjustable Compact Lifting Coupler and Method of Use

(71) Mellor, G.
(21) 2023901220 (22) 25.04.2023
(54) AIMSS

(71) Millar, J.
(21) 2023901217 (22) 25.04.2023
(54) Inspection Status Indication Device for Fixed or Mobile Assets

(71) MINING CONSUMABLES PTY LTD
(21) 2023901205 (22) 24.04.2023
(54) IMPROVED YIELDING MECHANISM FOR A ROCK BOLT

(71) Modular Innovations Pty Ltd
(21) 2023901227 (22) 26.04.2023
(54) WALL PANEL

(71) Murphy, T.
(21) 2023901203 (22) 24.04.2023
(54) Swing

(71) Neosphincter Technologies Pty Ltd
(21) 2023901276 (22) 01.05.2023
(54) IMPROVEMENTS TO INCONTINENCE TREATMENT

(71) Neuren Pharmaceuticals Limited
(21) 2023901234 (22) 26.04.2023
(54) PROCESS FOR PREPARING BICYCLIC GLYCINE-PROLINE COMPOUNDS AND PROLINE AMIDE INTERMEDIATES THEREOF

(71) NGUYEN, H.T.
(21) 2023901209 (22) 24.04.2023
(54) A METHOD AND SYSTEM FOR MONITORING THE VALUE OF BLOOD GLUCOSE OF A SUBJECT

(71) Nufarm Australia Limited; Tandem Nano Ltd
(21) 2023901225 (22) 26.04.2023
(54) FUNGICIDE SUSPENSION CONCENTRATE

(71) Offsite Engineering Solutions Pty Ltd
(21) 2023901223 (22) 26.04.2023
(54) Modular Building Non-Habitable

(71) Ozilift Pty Ltd
(21) 2023901256 (22) 28.04.2023
(54) Ceiling mounted storage system

(71) Patrick, M.
(21) 2023901232 (22) 26.04.2023
(54) Water Storage and Dispensing Assembly

(71) Pegras Asia Pacific Pty Ltd
(21) 2023901236 (22) 26.04.2023
(54) Wastewater Treatment System and Method of Treating Wastewater

(71) PYC Therapeutics Limited
(21) 2023901265 (22) 28.04.2023
(54) Agents and method of treatment for optic conditions

(71) Quenda Ecologics Pty Ltd
(21) 2023901248 (22) 27.04.2023
(54) Bioturbation rover

(71) Reed Advanced Materials Pty Ltd
(21) 2023901238 (22) 26.04.2023
(54) Processing of Brines for Lithium Recovery

(71) ResMed Pty Ltd
(21) 2023901252 (22) 28.04.2023
(54) A PATIENT INTERFACE AND COMPONENTS THEREOF

(71) ResMed Pty Ltd
(21) 2023901266 (22) 28.04.2023
(54) POSITIONING, STABILISING, AND INTERFACING STRUCTURES AND SYSTEM INCORPORATING SAME

Provisional Applications Filed - Name Index cont'd

(71) Rogerson, C.
 (21) 2023901216 (22) 25.04.2023
 (54) A system for inverter air conditioner power consumption reduction

(71) Tungan Groove Pty Ltd
 (21) 2023901242 (22) 27.04.2023
 (54) Method of preparing and laying recycled tiles

(71) SANITISING HAND AID PTY LTD
 (21) 2023901246 (22) 27.04.2023
 (54) CLEANSING FORMULATION AND METHOD OF MANUFACTURE

(71) Valetudo Pty Ltd
 (21) 2023901210 (22) 24.04.2023
 (54) Generating Sound

(71) Schuler, C.A.
 (21) 2023901211 (22) 24.04.2023
 (54) Automotive privacy screen

(71) Wordflow Pty Ltd
 (21) 2023901214 (22) 24.04.2023
 (54) A SYSTEM AND METHOD FOR ELECTRONIC PUBLISHING AND THE DIGITISATION OF ELECTRONIC DOCUMENTS

(71) Starboard Co. Ltd
 (21) 2023901272 (22) 01.05.2023
 (54) Fin box for an inflatable water-sports board

(71) Young, D.
 (21) 2023901218 (22) 25.04.2023
 (54) 'Portable handball court'

(71) Stereotyped Pty Ltd
 (21) 2023901267 (22) 29.04.2023
 (54) AR Sizing App storing consumer sizing data and syncs to the online store's individual garment size to provide a perfect size match for consumers.

(71) Young Henrys Brewing Company Pty Ltd
 (21) 2023901237 (22) 26.04.2023
 (54) Processes for carbon dioxide capture

(71) Stewart, T.
 (21) 2023901278 (22) 01.05.2023
 (54) Mobile dispersing bin

Tandem Nano Ltd see Nufarm Australia Limited
 (21) 2023901225

(71) Thandiakkal, J.
 (21) 2023901269 (22) 30.04.2023
 (54) Near Field Communication technology for Irrigation decoder programming.

(71) The Heart Research Institute Ltd
 (21) 2023901224 (22) 26.04.2023
 (54) Peripheral artery disease

(71) The University of Melbourne
 (21) 2023901263 (22) 28.04.2023
 (54) Systems and methods for dosage prediction

(71) THIRSDAZE PTY LTD
 (21) 2023901280 (22) 01.05.2023
 (54) Hat

(71) Tritium Holdings Pty Ltd
 (21) 2023901260 (22) 28.04.2023
 (54) Mount for power conversion module

Numerical Index

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2023901199	Bio-Gene Technology Limited	2023901271	Fonterra Co-operative Group Limited
2023901203	Murphy, T.	2023901272	Starboard Co. Ltd
2023901204	Lee, W.	2023901275	Advance ZincTek Limited
2023901205	MINING CONSUMABLES PTY LTD	2023901276	Neosphincter Technologies Pty Ltd
2023901206	Hysential Pty Ltd	2023901278	Stewart, T.
2023901207	Griffith University	2023901279	Defy-Hi Robotics Pty Ltd
2023901208	Australian Industrial Plastics Pty Ltd	2023901280	THIRSDAZE PTY LTD
2023901209	NGUYEN, H.T.		
2023901210	Valetudo Pty Ltd		
2023901211	Schuler, C.A.		
2023901212	Ceres Tag Ltd		
2023901213	M3S IP Pty Ltd		
2023901214	Wordflow Pty Ltd		
2023901215	EKK Holdings Pty Limited		
2023901216	Rogerson, C.		
2023901217	Millar, J.		
2023901218	Young, D.		
2023901219	Barbulescu, D.; Barbulescu, T.		
2023901220	Mellor, G.		
2023901221	Bignell, P.		
2023901222	Idoba Pty Ltd		
2023901223	Offsite Engineering Solutions Pty Ltd		
2023901224	The Heart Research Institute Ltd		
2023901225	Nufarm Australia Limited; Tandem Nano Ltd		
2023901226	Linda Leask Innovations Pty Ltd		
2023901227	Modular Innovations Pty Ltd		
2023901228	Feline Pty Ltd		
2023901229	FieldKo Holdings Pty. Limited		
2023901230	ALGOFORCE PTY LTD		
2023901231	AERO CHAMBER PTY LTD		
2023901232	Patrick, M.		
2023901233	Bactosure Limited		
2023901234	Neuren Pharmaceuticals Limited		
2023901236	Pegras Asia Pacific Pty Ltd		
2023901237	Young Henrys Brewing Company Pty Ltd		
2023901238	Reed Advanced Materials Pty Ltd		
2023901239	Curtin University		
2023901241	Hydraquatic Pty Ltd		
2023901242	Tungan Groove Pty Ltd		
2023901243	Alalaw, M.		
2023901244	Avotro Pty Ltd		
2023901245	Labelmakers Group Pty Ltd		
2023901246	SANITISING HAND AID PTY LTD		
2023901247	Innovation Beauty Lab		
2023901248	Quenda Ecologics Pty Ltd		
2023901249	Confoil Pty Ltd		
2023901250	Algesa Developments Pty Ltd		
2023901251	Hammersmith Nominees Pty Ltd		
2023901252	ResMed Pty Ltd		
2023901253	BMSA ANCHORING SYSTEMS PTY LTD		
2023901254	Awaken Mobile Pty Ltd		
2023901255	Knowledge Orchestrator Pty Ltd		
2023901256	Ozilift Pty Ltd		
2023901257	Formo Bio GmbH		
2023901258	Backwash Recyclers Australia Pty Ltd		
2023901259	Houmais, M.		
2023901260	Tritium Holdings Pty Ltd		
2023901261	Fusetec 3D Pty Ltd		
2023901262	GroundProbe Pty Ltd		
2023901263	The University of Melbourne		
2023901264	Australian Advanced Materials Pty Ltd		
2023901265	PYC Therapeutics Limited		
2023901266	ResMed Pty Ltd		
2023901267	Stereotyped Pty Ltd		
2023901268	CONCRETE BARRIER CLEANING AUSTRALIA PTY LTD		

Complete Applications Filed

Name Index

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

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

<hr/> <p>(71) 396419 B.C. Ltd. (21) 2023202548 (22) 27.04.2023 (54) COMPOSITIONS AND METHODS FOR INHIBITING FACTOR D (62) 2021202392</p> <hr/> <p>(71) 8 Rivers Capital, LLC (21) 2023202666 (22) 01.05.2023 (54) Control systems and methods suitable for use with power production systems and methods (62) 2021200548</p> <hr/> <p>AbbVie Inc. see Calico Life Sciences LLC (21) 2023202592</p> <hr/> <p>Abdelrazek, M. see Ho, D.T.C. (21) 2023202641</p> <hr/> <p>(71) ABL Bio Inc. (21) 2023202595 (22) 28.04.2023 (54) BISPECIFIC ANTIBODY AGAINST a-SYN/IGF1R AND USE THEREOF (62) 2020291487</p> <hr/> <p>(71) Acer Incorporated (21) 2023202522 (22) 26.04.2023 (54) METHOD FOR DUPLEX OPERATION AND USER EQUIPMENT USING THE SAME (31) 63/336,242 (32) 28.04.22 (33) US 18/302,001 18.04.23 US</p> <hr/> <p>(71) Acer Incorporated (21) 2023202524 (22) 26.04.2023 (54) TRANSMISSION DIRECTION SETTING METHOD, USER EQUIPMENT, NETWORK DEVICE (31) 63/336,229 (32) 28.04.22 (33) US 18/302,000 18.04.23 US</p> <hr/> <p>(71) Adobe Inc. (21) 2023202477 (22) 24.04.2023 (54) APPLYING OBJECT-AWARE STYLE TRANSFER TO DIGITAL IMAGES (31) 17/810,392 (32) 01.07.22 (33) US</p> <hr/> <p>(71) Alio, Inc. (21) 2023202645 (22) 30.04.2023 (54) SYSTEMS AND METHODS FOR MEASURING BIOLOGICAL MET-</p>	<p>RICS AND BLOOD VESSEL GEOMETRY USING A MULTIPLE OPTICAL PATH PHOTOPLETHYSMOGRAPHY DEVICE (62) 2021404854</p> <hr/> <p>AlveoliX Technologies AG see Universität Bern (21) 2023202652</p> <hr/> <p>(71) Alydia Health, Inc. (21) 2023202644 (22) 30.04.2023 (54) UTERINE HEMORRHAGE CONTROLLING SYSTEM AND METHOD (62) 2017316656</p> <hr/> <p>(71) Anago Limited (21) 2023202476 (22) 24.04.2023 (54) Apparatus for testing blade sharpness</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023202469 (22) 22.04.2023 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2022200022</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023202566 (22) 27.04.2023 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2021201556</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023202577 (22) 27.04.2023 (54) CARD GAME SYSTEM AND A METHOD OF A TABLE GAME (62) 2021203110</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023202601 (22) 28.04.2023 (54) Method for shuffling playing cards (62) 2018353678</p> <hr/> <p>(71) Apple Inc. (21) 2023202497 (22) 24.04.2023 (54) Processing of commands in a virtual assistant (62) 2021203914</p> <hr/> <p>(71) Apple Inc. (21) 2023202531 (22) 27.04.2023</p>	<p>(54) Method, device and secure element for conducting a secured financial transaction on a device (62) 2021201388</p> <hr/> <p>(71) Apple Inc. (21) 2023202567 (22) 27.04.2023 (54) Chroma quantization in video coding (62) 2021245204</p> <hr/> <p>(71) Apple Inc. (21) 2023202682 (22) 02.05.2023 (54) Intelligent automated assistant (62) 2021240130</p> <hr/> <p>(71) AppViewX Inc (21) 2023202613 (22) 28.04.2023 (54) Application centric centralized certificate management system for managing certificates across data centers (62) 2016419031</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023202485 (22) 24.04.2023 (54) Gaming System and Method for Modifying a Wager Game (62) 2021202283</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2023202491 (22) 24.04.2023 (54) GAMING DEVICE WITH TRIGGER SYMBOLS HAVING DISPLAY MODES</p> <hr/> <p>(71) Arvos Ljungstrom LLC (21) 2023202632 (22) 28.04.2023 (54) Method and system for improving boiler effectiveness (62) 2017292939</p> <hr/> <p>(71) AstraZeneca AB (21) 2023202490 (22) 24.04.2023 (54) METHODS OF TREATING CHRONIC KIDNEY DISEASE WITH DAPAGLIFLOZIN (62) 2021202643</p> <hr/> <p>(71) Atea Pharmaceuticals, Inc. (21) 2023202634 (22) 28.04.2023</p>
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Complete Applications Filed - Name Index cont'd

(54) Beta-D-2'-deoxy-2'-alpha-fluoro-2'-beta-C-substituted-2'-modified-N6-substituted purine nucleotides for HCV treatment
(62) 2021204022

Avazpour, I. see Ho, D.T.C.
(21) 2023202641

(71) Avectas Limited
(21) 2023202618 (22) 28.04.2023
(54) Vector-free delivery of gene editing proteins and compositions to cells and tissues
(62) 2016380836

(71) Avetta, LLC
(21) 2023202475 (22) 24.04.2023
(54) Automated ESG Mapping
(31) 63/364,177 (32) 04.05.22 (33) US
17930,484 08.09.22 US

(71) Axsome Therapeutics, Inc.
(21) 2023202545 (22) 27.04.2023
(54) PHARMACEUTICAL COMPOSITIONS COMPRISING MELOXICAM
(62) 2020218253

(71) Baxter Corporation Englewood
(21) 2023202460 (22) 21.04.2023
(54) AUTOMATED EXCHANGE OF HEALTHCARE INFORMATION FOR FULFILLMENT OF MEDICATION DOSES
(62) 2021202250

(71) Becton, Dickinson and Company
(21) 2023202600 (22) 28.04.2023
(54) Cartridge adapter for drug delivery device
(62) 2020282814

Bednarz, T. see Ho, D.T.C.
(21) 2023202641

(71) Bedre, S.
(21) 2023202417 (22) 19.04.2023
(54) Cloud-based Virtual Battery System for Solar Energy Management

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(21) 2023202619 (22) 28.04.2023
(54) Sensor case, sensor system and vehicle
(31) 202210473322.2 (32) 29.04.22 (33) CN

(71) Bell Identification BV
(21) 2023202521 (22) 26.04.2023
(54) Method and Apparatus for Providing Secure Services Using a Mobile Device
(62) 2021209143

(71) BGC Partners, Inc.
(21) 2023202470 (22) 22.04.2023
(54) INTERPROCESS COMMUNICATION FACILITATING SELLSIDE MARKET-MAKING
(62) 2017285209

(71) Bigfoot Biomedical, Inc.
(21) 2023202630 (22) 28.04.2023
(54) Alarms and alerts for medication delivery devices and related systems and methods
(62) 2017376111

(71) Bignell, P.
(21) 2023202650 (22) 01.05.2023
(54) Shower caddy with built in wine glass and beer can holder
(31) 2023901221 (32) 26.04.23 (33) AU

(71) Billtrader Pty Ltd
(21) 2023202599 (22) 28.04.2023
(54) COMPUTER IMPLEMENTED MULTI-CURRENCY INVOICE CAPTURE, TRADING, ACCESS AND PAYMENT SYSTEM
(62) 2021202877

BioFire Defense, LLC see Biofire Diagnostics, LLC.
(21) 2023202560

(71) Biofire Diagnostics, LLC.; bioMerieux; BioFire Defense, LLC
(21) 2023202560 (22) 27.04.2023
(54) Methods for quantitative amplification
(62) 2017237983

bioMerieux see Biofire Diagnostics, LLC.
(21) 2023202560

(71) Block, Inc.
(21) 2023202568 (22) 27.04.2023
(54) Sensor-enabled activation of payment instruments
(62) 2021202683

(71) BLUESCOPE STEEL LIMITED
(21) 2023202610 (22) 28.04.2023
(54) GUTTER ASSEMBLY
(62) 2017245315

(71) Bruin Biosciences, Inc.; The Regents of the University of California
(21) 2023202464 (22) 21.04.2023
(54) Chemoembolization agents
(62) 2018273988

(71) Calico Life Sciences LLC; AbbVie Inc.
(21) 2023202592 (22) 28.04.2023
(54) MODULATORS OF THE INTEGRATED STRESS PATHWAY
(62) 2018360857

(71) Capital One Services, LLC
(21) 2023202611 (22) 28.04.2023
(54) Method for mapping NFC field strength and location on mobile devices
(62) 2021204051

(71) Capital One Services, LLC
(21) 2023202627 (22) 28.04.2023
(54) System and method for pre-authentication of customer support calls
(62) 2020239994

(71) Capital One Services, LLC
(21) 2023202633 (22) 28.04.2023
(54) Tap card to securely generate card data to copy to clipboard
(62) 2020216956

(71) CASE WESTERN RESERVE UNIVERSITY
(21) 2023202669 (22) 01.05.2023
(54) BIOCHIPS TO DIAGNOSE HEMOGLOBIN DISORDERS AND MONITOR BLOOD CELLS
(62) 2021203901

(71) Casio Computer Co., Ltd.
(21) 2023202593 (22) 28.04.2023
(54) ILLUMINATION DEVICE AND IMAGING DEVICE
(62) 2020252328

(71) CATERPILLAR INC.
(21) 2023202487 (22) 24.04.2023
(54) HOUSE SWING SENSOR FOLLOWER PINION
(31) 17/742,079 (32) 11.05.22 (33) US

(71) CATERPILLAR INC.
(21) 2023202523 (22) 26.04.2023
(54) FUEL SYSTEM AND ENGINE HEAD ASSEMBLY HAVING DOUBLE-WALLED FUEL CONNECTOR FOR COOLING FUEL RETURN
(31) 17/745,970 (32) 17.05.22 (33) US

(71) CATERPILLAR INC.
(21) 2023202528 (22) 26.04.2023
(54) SYSTEM AND METHOD FOR SUGGESTING OPERATIONAL ZONES FOR A WORKSITE ON A DEVICE
(31) 202211028232 (32) 17.05.22 (33) IN

(71) CATERPILLAR INC.
(21) 2023202559 (22) 27.04.2023

Complete Applications Filed - Name Index cont'd

(54) MODIFYING A ROTATIONAL POSITION OF A BOOM OF A MACHINE
(31) 17/747,083 **(32)** 18.05.22 **(33)** US

(71) CFPH, LLC
(21) 2023202655 **(22)** 01.05.2023
(54) MULTI-PROCESS COMMUNICATION REGARDING GAMING INFORMATION
(62) 2021261920

(71) Chiyoda Corporation
(21) 2023202574 **(22)** 27.04.2023
(54) Design support system and learning device
(62) 2019362683

Chua, C. see Ho, D.T.C.
(21) 2023202641

(71) Cirkul, Inc.
(21) 2023202648 **(22)** 01.05.2023
(54) Adjustable additive delivery systems and methods
(62) 2017228456

(71) Commonwealth Scientific and Industrial Research Organisation
(21) 2023202628 **(22)** 28.04.2023
(54) Plants with modified traits
(62) 2017204957

(71) Concordia University Inc.
(21) 2023202583 **(22)** 28.04.2023
(54) Compositions for CYP450 phenotyping using saliva samples
(62) 2016365229

(71) Cripps Clark, J.
(21) 2023202646 **(22)** 30.04.2023
(54) ActiPALQ - set of devices for commoditised accurate dynamic (or active) tagging with systems to charge (batteries) so tags can coordinate with other objects including where used in pallets and other objects managed with forklifts or other lifting devices for logistic purposes to operate transfers and periods of storage and with increasing supply chain information flow requirements yo help promote economic participant diversity.
(31) 2022903798 **(32)** 12.12.22 **(33)** AU
(62) 2023201021

(71) Custom Plastics Engineering Pty Ltd
(21) 2023202549 **(22)** 27.04.2023
(54) Pet door arrangement and installation method
(31) 2022901229 **(32)** 09.05.22 **(33)** AU

(71) Dart Industries Inc.
(21) 2023202472 **(22)** 24.04.2023

(54) PORTABLE DRINK BLENDER
(31) 17/744,544 **(32)** 13.05.22 **(33)** US

(71) Deere & Company
(21) 2023202519 **(22)** 26.04.2023
(54) A work machine with an adaptive control system and method for grade control
(31) 17/804,221 **(32)** 26.05.22 **(33)** US

(71) Denta Engineering B.V.
(21) 2023202585 **(22)** 28.04.2023
(54) A building element, a method for the manufacture thereof, a profile and a combination of a profile and a panel
(31) 22171488.4 **(32)** 03.05.22 **(33)** EP

(71) Dexcom, Inc.
(21) 2023202651 **(22)** 01.05.2023
(54) Systems and methods for distributing continuous glucose data
(62) 2021202050

(71) Dolby International AB
(21) 2023202541 **(22)** 27.04.2023
(54) PROCESSING OF AUDIO SIGNALS DURING HIGH FREQUENCY RECONSTRUCTION
(62) 2022215250

(71) Dolby International AB
(21) 2023202547 **(22)** 27.04.2023
(54) Improved Subband Block Based Harmonic Transposition
(62) 2022231727

(71) Doosan Fuel Cell America, Inc.
(21) 2023202688 **(22)** 02.05.2023
(54) Fuel cell manifold assembly including a self-supporting polymer material liner
(62) 2017316485

(71) E. I. DU PONT DE NEMOURS AND COMPANY
(21) 2023202677 **(22)** 02.05.2023
(54) A SOLVENT-FREE MELT POLYCONDENSATION PROCESS OF MAKING FURAN-BASED POLYAMIDES
(62) 2021203972

(71) Ecolab USA Inc.
(21) 2023202561 **(22)** 27.04.2023
(54) Use of multiple charged cationic compounds derived from polyamines and compositions thereof for corrosion inhibition in a water system
(62) 2019441168

(71) Eden Paving Group Pty Ltd
(21) 2023202683 **(22)** 02.05.2023

(54) A PROCESS FOR THE RECYCLING OF TEXTILE WASTE MATERIALS
(31) 2022904047 **(32)** 12.10.22 **(33)** AU

(71) EL Ayoubi, A.
(21) 2023202503 **(22)** 25.04.2023
(54) SPECIALLY DESIGNED BAG TIE

(71) Electronic Controls Company
(21) 2023202626 **(22)** 28.04.2023
(54) Control of vehicle-carried warning system through controller area network (CAN) communications of global variables processed as operands of behavioral equations
(62) 2019308467

(71) Emerald Cloud Lab, Inc.
(21) 2023202565 **(22)** 27.04.2023
(54) System and method for management, execution, and analysis of laboratory experiments
(62) 2022201694

(71) Enerpac Tool Group Corp.
(21) 2023202643 **(22)** 30.04.2023
(54) HYDRAULIC JACK ASSEMBLY AND PIN PULLER ASSEMBLY
(31) 63/337,461 **(32)** 02.05.22 **(33)** US
 18/140,876 28.04.23 US

(71) Ergomotion, Inc.
(21) 2023202661 **(22)** 01.05.2023
(54) Double roller compact profile actuation system for an adjustable bed
(62) 2017345346

(71) ESCO Group LLC
(21) 2023202466 **(22)** 21.04.2023
(54) Wear part monitoring
(62) 2021203036

(71) Ethicon, Inc.
(21) 2023202456 **(22)** 21.04.2023
(54) Scaffolds for joining layers of tissue at discrete points
(62) 2018237676

(71) EXEL INDUSTRIES
(21) 2023202483 **(22)** 24.04.2023
(54) Agricultural high-clearance vehicle with improved steering and suspension coupling
(31) 2204017 **(32)** 24.04.22 **(33)** FR

(71) ExsoMed Corporation
(21) 2023202584 **(22)** 28.04.2023
(54) Intramedullary threaded nail for radial cortical fixation
(62) 2018328102

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(71) F. Hoffmann-La Roche AG
(21) 2023202562 (22) 27.04.2023
(54) PAPP5 and PAPP7 inhibitors for treating a hepatitis B infection
(62) 2017285351

(71) FARRINGTON, S.
(21) 2023202569 (22) 27.04.2023
(54) A CONSTRUCTION ELEMENT

(71) Fasetto, Inc.
(21) 2023202606 (22) 28.04.2023
(54) Portable storage device with modular power and housing system
(62) 2018285545

(71) Fisher & Paykel Healthcare Limited
(21) 2023202478 (22) 24.04.2023
(54) IMPROVEMENTS TO FLOW THERAPY
(62) 2021203998

(71) Fisher & Paykel Healthcare Limited
(21) 2023202530 (22) 27.04.2023
(54) A USER INTERFACE FOR SUPPLYING GASES TO AN AIRWAY
(62) 2020281019

(71) Formway Furniture Limited
(21) 2023202554 (22) 27.04.2023
(54) A CHAIR AND COMPONENTS
(62) 2021245215

(71) FRACTYL HEALTH, INC.
(21) 2023202581 (22) 28.04.2023
(54) DEVICES AND METHODS FOR THE TREATMENT OF TISSUE
(62) 2021202384

(71) Framy Inc.
(21) 2023202463 (22) 21.04.2023
(54) Adaptive discussion-topic system, operating method thereof, and non-transitory computer-readable recording medium
(31) 111116316 (32) 29.04.22 (33) TW

(71) Fraser, M.A.
(21) 2023202587 (22) 28.04.2023
(54) A portable shelter
(62) 2021204796

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(21) 2023202563

(71) FST INNOVATION PTY LTD
(21) 2023202458 (22) 21.04.2023
(54) GATE VALVE MONITOR

(71) Fusetec 3D Pty Ltd
(21) 2023202629 (22) 28.04.2023
(54) Surgical Training Model

(71) Gallagher, S.
(21) 2023202638 (22) 28.04.2023
(54) Panel
(62) 2017208370

(71) GENERATORS AUSTRALIA PTY LTD
(21) 2023202499 (22) 24.04.2023
(54) AN ADJUSTABLE PHOTOVOLTAIC UNIT
(62) PCT/AU2022/050513

(71) Georgia State University Research Foundation
(21) 2023202513 (22) 26.04.2023
(54) ANTI-ANGIOGENIC AGENT AND METHOD OF USING SUCH AGENT
(62) 2021201207

(71) Getac Technology Corporation
(21) 2023202635 (22) 28.04.2023
(54) SCANNING METHOD, ELECTRONIC DEVICE AND PROCESSING SYSTEM FOR MULTIPLE BARCODES
(31) 63/402,029 (32) 29.08.22 (33) US

(71) Gilead Sciences, Inc.
(21) 2023202506 (22) 26.04.2023
(54) Pyrrolo [1,2,f] [1,2,4] triazines useful for treating respiratory syncytial virus infections
(62) 2021201554

(71) Gilead Sciences, Inc.
(21) 2023202607 (22) 28.04.2023
(54) Integrase inhibitors for the prevention of HIV
(62) 2019344929

(71) Gilead Sciences, Inc.
(21) 2023202679 (22) 02.05.2023
(54) Methods for the preparation of ribosides
(62) 2021201474

Gin, P. see Herming Grove
(21) 2023202501

(71) GI Scientific, LLC
(21) 2023202515 (22) 26.04.2023
(54) Conductive optical element
(62) 2021212077

(71) Global Health Innovators Pty Ltd
(21) 2023202532 (22) 27.04.2023
(54) System and Method for Remote Provision of Healthcare
(31) 17/747,873 (32) 18.05.22 (33) US
(62) 2017313432

(71) Google LLC
(21) 2023202550 (22) 27.04.2023
(54) AUTOMATED ASSISTANT SUGGESTIONS FOR THIRD-PARTY VEHICLE COMPUTING DEVICES WITH RESTRICTED ARCHITECTURE
(62) 2019444479

Grundy, J. see Ho, D.T.C.
(21) 2023202641

Haier Smart Home Co., Ltd. see QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.
(21) 2023202479

(71) Hallmark Cards, Incorporated
(21) 2023202621 (22) 28.04.2023
(54) SIGNATURE-BASED UNIQUE IDENTIFIER
(62) 2021273461

(71) Hanwha Azdel, Inc.
(21) 2023202681 (22) 02.05.2023
(54) COMPOSITE ARTICLES INCLUDING SURFACE LAYERS THAT PROVIDE ENHANCED FORMABILITY
(62) 2017375758

(71) Hennepin Life Sciences, LLC
(21) 2023202580 (22) 28.04.2023
(54) Compositions for sexually transmitted diseases
(62) 2017296016

(71) Herming Grove; Gin, P.
(21) 2023202501 (22) 24.04.2023
(54) Seed Ejection System

Hills, R. see Ng, C.P.
(21) 2023202573

(71) Ho, D.T.C.; Avazpour, I.; Grundy, J.; Abdelrazek, M.; Chua, C.; Bednarz, T.; Obie, H.
(21) 2023202641 (22) 29.04.2023
(54) Gravity++: A Graph-based system for constructing interactive visualization narratives

(71) HONEYWELL INTERNATIONAL INC.
(21) 2023202555 (22) 27.04.2023
(54) METHOD AND SYSTEM FOR LOCATING AND QUANTIFYING FUGITIVE EMISSION LEAKS
(31) 63/342,951 (32) 17.05.22 (33) US

Complete Applications Filed - Name Index cont'd

(71) Huawei Technologies Co., Ltd.
(21) 2023202570 (22) 27.04.2023
(54) SCHEDULING REQUEST PROCESSING METHOD AND TERMINAL DEVICE
(62) 2021206884

(71) Huawei Technologies Co., Ltd.
(21) 2023202658 (22) 01.05.2023
(54) BOUNDARY BLOCK PARTITIONING IN VIDEO CODING
(62) 2019302396

(71) Huawei Technologies Co., Ltd.
(21) 2023202684 (22) 02.05.2023
(54) METHOD AND APPARATUS FOR INTRA PREDICTION
(62) 2019330406

(71) Huawei Technologies Co., Ltd.
(21) 2023202685 (22) 02.05.2023
(54) METHOD AND APPARATUS FOR INTRA PREDICTION
(62) 2019330406

(71) Hunter Douglas, Inc.
(21) 2023202623 (22) 28.04.2023
(54) Mounting assembly for an architectural covering
(62) 2017206152

(71) HydroCare Australia Investment Pty Ltd
(21) 2023202578 (22) 28.04.2023
(54) A method of manufacturing small molecule water

(71) I D & E Pty Ltd
(21) 2023202488 (22) 24.04.2023
(54) Injection Device

(71) ImmunityBio, Inc.
(21) 2023202642 (22) 29.04.2023
(54) IL-2 Dependent NK-92 cells with stable Fc receptor expression
(62) 2019388876

(71) Implantica Patent Ltd
(21) 2023202686 (22) 02.05.2023
(54) Blood Clot Removal Device, System, And Method
(62) 2021200756

(71) INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
(21) 2023202486 (22) 24.04.2023
(54) LOADING CALCULATION MODULE, VEHICLE ANTI-RUNAWAY SYSTEM, VEHICLE AND METHOD USING THE SAME
(31) 111150145 (32) 27.12.22 (33) TW

(71) Instrumentation Laboratory Company
(21) 2023202502 (22) 25.04.2023
(54) LIQUID LEVEL DETECTION BASED ON TUNABLE INDUCTIVE-CAPACITIVE TANK CIRCUIT
(31) 17/887,658 (32) 15.08.22 (33) US

(71) Janssen Biotech, Inc.
(21) 2023202520 (22) 26.04.2023
(54) Materials and methods for binding Siglec-3/CD33
(62) 2021235564

(71) Janssen Biotech, Inc.
(21) 2023202536 (22) 27.04.2023
(54) Materials and methods for binding Siglec-3/CD33
(62) 2021235564

(71) Janssen Biotech, Inc.
(21) 2023202538 (22) 27.04.2023
(54) Materials and methods for binding Siglec-3/CD33
(62) 2021235564

(71) Jiangsu Hengtong Power Cable Co., Ltd
(21) 2023202489 (22) 24.04.2023
(54) Intelligent monitoring and early warning cable, manufacturing process, and apparatus thereof
(31) 202210629839.6 (32) 31.05.22 (33) CN

Jinko Solar Co., Ltd. see Zhejiang Jinko Solar Co., Ltd.
(21) 2023202640

(71) Joint Stock Company "Pay Ring"
(21) 2022215195 (22) 10.08.2022
(54) Contactless Smart Card
(62) 2019283469

(71) Joy Global Surface Mining Inc
(21) 2023202674 (22) 01.05.2023
(54) Ground engaging tool locking system
(62) 2017225135

(71) Julius-Maximilians-Universität Würzburg
(21) 2023202602 (22) 28.04.2023
(54) Combination therapy using inhibitors of human Growth and Differentiation factor 15 (GDF-15) and immune checkpoint blockers
(62) 2016333539

(71) Juul Labs, Inc.
(21) 2023202508 (22) 26.04.2023
(54) Nicotine salt formulations for aerosol devices and methods thereof
(62) 2021204112

(71) Kelly, B.
(21) 2023202509 (22) 26.04.2023
(54) A feral pig specific baiting station

(71) Khoury, G.
(21) 2023202504 (22) 26.04.2023
(54) BARRIER-FORMING DEVICE FOR BONE REGENERATION
(31) 22 04158 (32) 02.05.22 (33) FR

(71) Kinetic Engineering Services Pty Ltd
(21) 2023202516 (22) 26.04.2023
(54) AUTOMATED STAR PICKET EFFECT-OR FOR PALLETISING
(31) 2022901091 (32) 26.04.22 (33) AU

(71) Komatsu Ltd.; Toyota Jidosha Kaishiki Kaisha
(21) 2023202492 (22) 24.04.2023
(54) Control system for autonomous travel vehicle and control method for autonomous travel vehicle
(31) 2022-070692 (32) 22.04.22 (33) JP

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procedes Georges Claude
(21) 2023202498 (22) 24.04.2023
(54) METHOD FOR THE START-UP OF AN ELECTROLYSIS SYSTEM
(31) 22171499.1 (32) 04.05.22 (33) EP

LAKMANAARACHCHI, D. see PROTZMANN, M.
(21) 2023202505

LAKMANAARACHCHI, A. see PROTZMANN, M.
(21) 2023202505

(71) leitmann, z.
(21) 2023202517 (22) 26.04.2023
(54) MODULAR HYDRO TURBINE SYSTEM FOR USE OF RENEWABLE ENERGY
(31) 2022901089 (32) 26.04.22 (33) AU

(71) LG Electronics Inc.
(21) 2023202637 (22) 28.04.2023
(54) Vacuum cleaner nozzle
(62) 2019314072

(71) LG Electronics Inc.
(21) 2023202670 (22) 01.05.2023
(54) Laundry machine having induction heater and control method of the same
(62) 2022268289

(71) LG Electronics Inc.
(21) 2023202678 (22) 02.05.2023

Complete Applications Filed - Name Index cont'd

(54) Method for encoding/decoding video signals and apparatus therefor
(62) 2019345211

(71) Limestone Holdings Pty Limited
(21) 2023202597 (22) 28.04.2023
(54) A kit for forming a panel and a method of forming a panel
(62) 2021201820

(71) LivePerson, Inc.
(21) 2023202539 (22) 27.04.2023
(54) Dynamic communications routing to disparate endpoints
(62) 2020241751

(71) Logena Pty Ltd
(21) 2023202676 (22) 01.05.2023
(54) ITEM OF FURNITURE
(31) 2022901149 (32) 02.05.22 (33) AU

(71) Magic Leap, Inc.
(21) 2023202546 (22) 27.04.2023
(54) CURRENT DRAIN REDUCTION IN AR/VR DISPLAY SYSTEMS
(62) 2017225977

(71) Makinex IP Pty Ltd
(21) 2023202675 (22) 01.05.2023
(54) PV PANEL ARRAY MOUNTING APPARATUS
(31) 2022901129 (32) 29.04.22 (33) AU

(71) McGowan, M.
(21) 2023202636 (22) 28.04.2023
(54) Composition Comprising an Essential Oil and Its Packaging Thereof
(62) 2019346360

(71) Medill, S.
(21) 2023202471 (22) 22.04.2023
(54) INSERT APPARATUS AND METHOD
(31) 2022902573 (32) 07.09.22 (33) AU

(71) MedImmune Limited
(21) 2023202654 (22) 01.05.2023
(54) METHODS OF CANCER TREATMENT WITH ANTAGONISTS AGAINST PD-1 AND PD-L1 IN COMBINATION WITH RADIATION THERAPY
(62) 2020210207

(71) MileIQ Inc.
(21) 2023202579 (22) 28.04.2023
(54) Mobile device distance tracking
(62) 2021201763

(71) ModernaTX, Inc.
(21) 2023202500 (22) 24.04.2023

(54) Nucleic acid vaccines for varicella zoster virus (VZV)
(62) 2016342371

(71) Munich Composites GmbH
(21) 2023202667 (22) 01.05.2023
(54) Vehicle rim with one of at least one sub-preform flange area; and method of making a rim body
(31) 10 2022 110 699.3 (32) 02.05.22 (33) DE

(71) MuPharma Pty Ltd
(21) 2023202518 (22) 26.04.2023
(54) Non-invasive agent applicator
(62) 2021205134

(71) Nanjing Mumei Media Technology Co., Ltd.
(21) 2023202576 (22) 27.04.2023
(54) NODE-ORIENTED COMMUNITY CONTENT AGGREGATION POSTING SYSTEM
(31) 202211700235.2 (32) 28.12.22 (33) CN

Nationwide Children's Hospital Inc. see Ohio State Innovation Foundation
(21) 2023202598

(71) Ng, C.P.; Rees-Mogg, B.; Ting, L.; Hills, R.; Parrello, M.
(21) 2023202573 (22) 27.04.2023
(54) Access Platform for Hydraulic Mobile Crane
(31) 2022903623 (32) 29.11.22 (33) AU

(71) Nokia Technologies Oy
(21) 2023202461 (22) 21.04.2023
(54) Uplink control information
(62) 2019438745

Novartis AG see Pear Therapeutics (US), Inc.
(21) 2023202631

(71) nthalmic holding Pty Ltd
(21) 2023202657 (22) 01.05.2023
(54) A freeform contact lens solution for myopia
(62) 2020353718

Obie, H. see Ho, D.T.C.
(21) 2023202641

(71) Ocag Pty Ltd
(21) 2023202687 (22) 02.05.2023
(54) FENCE WIRE RETAINING CLIP
(31) 2022901193 (32) 05.05.22 (33) AU

(71) Ochoavez, A.
(21) 2023202467 (22) 22.04.2023

(54) Hail-Met Inflatable Hail Protective Cover for Motor Vehicles
(31) 2022901060 (32) 22.04.22 (33) AU

Ohio State Innovation Foundation see University of Southern California
(21) 2023202534

(71) Ohio State Innovation Foundation; Nationwide Children's Hospital Inc.
(21) 2023202598 (22) 28.04.2023
(54) Intrathecal delivery of recombinant Adeno-associated virus encoding Methyl-CpG binding protein 2
(62) 2017362491

(71) Olema Pharmaceuticals, Inc.
(21) 2023202620 (22) 28.04.2023
(54) Tetrahydro-1H-pyrido(3,4-b)indole anti-estrogenic drugs
(62) 2021206861

(71) Opus One Solutions (USA) Corporation; Opus One Solutions Energy Corp.
(21) 2023202596 (22) 28.04.2023
(54) Integrated distribution planning systems and methods for electric power systems
(62) 2018272082

Opus One Solutions Energy Corp. see Opus One Solutions (USA) Corporation
(21) 2023202596

(71) O-Soiling
(21) 2023202594 (22) 28.04.2023
(54) Method and apparatus for cleaning surfaces
(62) 2017293482

(71) OXTI Pte Ltd
(21) 2023202512 (22) 26.04.2023
(54) MOBILE DISPLAY DEVICE

(71) Parkd Ltd
(21) 2023202575 (22) 27.04.2023
(54) Beam support cable and building structure
(62) 2018223229

Parrello, M. see Ng, C.P.
(21) 2023202573

(71) Pear Therapeutics (US), Inc.; Novartis AG
(21) 2023202631 (22) 28.04.2023
(54) Electronic devices and methods for treatment utilizing antipsychotics in combination with digital therapies
(62) 2019374695

Complete Applications Filed - Name Index cont'd

- (71) Pharma Consult Ges.m.b.H.
(21) 2023202662 (22) 01.05.2023
(54) Injection device, in particular autoinjector, for the simultaneous administration of several medications
(62) 2017348622
-
- (71) Pharmacyclics LLC
(21) 2023202671 (22) 01.05.2023
(54) Pharmaceutical formulations of Bruton's tyrosine kinase inhibitor
(62) 2021240244
-
- (71) PROTZMANN, M.; LAKMANAARACHCHI, D.; LAKMANAARACHCHI, A.
(21) 2023202505 (22) 26.04.2023
(54) Fertiliser comprising the ingredients hordenine and mycorrhiza spores
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- (71) Provectus IP Pty Ltd
(21) 2023202608 (22) 28.04.2023
(54) COLOURING ADDITIVES FOR MEAT SUBSTITUTES
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- (71) Pure Vista Ltd
(21) 2023202457 (22) 21.04.2023
(54) A SYSTEM AND METHOD FOR ADJUSTING THE ALIGNMENT OF A FLAT PANEL
(31) 2209294.4 (32) 24.06.22 (33) GB
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- (71) QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.; QINGDAO HAIER NEW ENERGY APPLIANCE CO.,LTD.; Haier Smart Home Co., Ltd.
(21) 2023202479 (22) 24.04.2023
(54) WATER HEATER
(31) 2022107516909 (32) 29.06.22 (33) CN
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- QINGDAO HAIER NEW ENERGY APPLIANCE CO.,LTD. see QINGDAO ECONOMIC AND TECHNOLOGICAL DEVELOPMENT ZONE HAIER WATER HEATER CO., LTD.**
(21) 2023202479
-
- (71) Qualcomm Incorporated
(21) 2023202462 (22) 21.04.2023
(54) MULTI-SLOT SCHEDULING WITH REPETITIVE TRANSMISSION OF A TRANSPORT BLOCK WITH DIFFERENT REDUNDANCY VERSIONS
(62) 2018367474
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- Rees-Mogg, B. see Ng, C.P.**
(21) 2023202573
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- (71) Regeneron Pharmaceuticals, Inc.
(21) 2023202659 (22) 01.05.2023
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- (71) Cell culture process for making a glycoprotein
(62) 2018298039
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- (71) Regeneron Pharmaceuticals, Inc.
(21) 2023202663 (22) 01.05.2023
(54) Hydroxysteroid 17-beta dehydrogenase 13 (HSD17B13) variants and uses thereof
(62) 2018209950
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- Research Institute at Nationwide Children's Hospital see University of Southern California**
(21) 2023202534
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- (71) Rowston, P.
(21) 2023202511 (22) 26.04.2023
(54) A Medical Paraphernalia Carrier Assembly
(31) 2022901096 (32) 26.04.22 (33) AU
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- (71) Rural Innovations Pty Ltd
(21) 2023202556 (22) 27.04.2023
(54) WIRE STRAINERS
(62) 2021201590
-
- (71) Sagemcom Energy & Telecom SAS
(21) 2023202614 (22) 28.04.2023
(54) An ultrasonic fluid meter incorporating a pressure sensor
(31) 2204101 (32) 29.04.22 (33) FR
-
- (71) Sagemcom Energy & Telecom SAS
(21) 2023202615 (22) 28.04.2023
(54) Monitoring a solenoid valve
(31) 2204105 (32) 29.04.22 (33) FR
-
- (71) Sagemcom Energy & Telecom SAS
(21) 2023202616 (22) 28.04.2023
(54) Measurement of flow rate from the electrical impedances of piezoelectric transducers
(31) 2204103 (32) 29.04.22 (33) FR
-
- (71) Sagemcom Energy & Telecom SAS
(21) 2023202617 (22) 28.04.2023
(54) An ultrasonic fluid meter incorporating two pressure sensors
(31) 2204102 (32) 29.04.22 (33) FR
-
- Samuels, E. see Solidus Ventures GmbH**
(21) 2023202563
-
- (71) SANITISING HAND AID PTY LTD
(21) 2023202571 (22) 27.04.2023
(54) CLEANSING FORMULATION AND METHOD OF MANUFACTURE
-
- (71) Schneider Electric Industries SAS
(21) 2023202543 (22) 27.04.2023
(54) CONTROL ASSEMBLY FOR DIMMING, DIMMING DEVICE AND LIGHTING SYSTEM
(31) 202221229253.2 (32) 18.05.22 (33) CN
-
- (71) Scootboot Pty Ltd
(21) 2023202673 (22) 01.05.2023
(54) Improved Equine Hoof Boot
(62) 2019268145
-
- (71) Seminis Vegetable Seeds, Inc.
(21) 2023202537 (22) 27.04.2023
(54) Bean variety SVGG2118
(31) 17735,701 (32) 03.05.22 (33) US
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- (71) ServiceNow, Inc.
(21) 2023202586 (22) 28.04.2023
(54) Automatic flow implementation from text input
(31) 17752,564 (32) 24.05.22 (33) US
-
- (71) Shanghai Lide Biotech Co., Ltd.
(21) 2023202558 (22) 27.04.2023
(54) Models and methods for rapid screening the efficacy of immunoregulating drugs
(31) 202211066571.6 (32) 01.09.22 (33) CN
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- (71) Sheltered Wings, Inc. d/b/a Vortex Optics
(21) 2023202468 (22) 22.04.2023
(54) Dual focal plane reticles for optical sighting devices
(62) 2021203349
-
- (71) Shenzhen Aiper Intelligent Co., Ltd.
(21) 2023202590 (22) 28.04.2023
(54) Robot Swimming Pool Cleaner with Reversing Adjustment Mechanism
(31) 202221550989 (32) 20.06.22 (33) CN
2022215640585 20.06.22 CN
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- (71) Shenzhen Aiper Intelligent Co., Ltd.
(21) 2023202604 (22) 28.04.2023
(54) Robot Swimming Pool Cleaner
(31) 2022224655537 (32) 06.09.22 (33) CN
-
- (71) Shenzhen Aiper Intelligent Co., Ltd.
(21) 2023202624 (22) 28.04.2023
(54) Garbage Bin
(31) 202222870931 (32) 28.10.22 (33) CN
-
- (71) Siemens Mobility GmbH
(21) 2023202473 (22) 24.04.2023
(54) Method for computer-assisted operation of a memory unit and execution of application programs having redundant data storage
(31) 22169517.4 (32) 22.04.22 (33) EP

Complete Applications Filed - Name Index cont'd

(71) Siemens Mobility GmbH
 (21) 2023202494 (22) 24.04.2023
 (54) Method for computer-assisted operation of a memory unit and execution of application programs having memory checking for memory errors
 (31) 22169515.8 (32) 22.04.22 (33) EP

(71) smartDNA PTY LTD
 (21) 2023202551 (22) 27.04.2023
 (54) Method of diagnosing a dysbiosis
 (62) 2020202974

(71) Snap-On Incorporated
 (21) 2023202474 (22) 24.04.2023
 (54) Thermal imager devices
 (31) 17/728,964 (32) 25.04.22 (33) US

(71) Société des Produits Nestlé S.A.
 (21) 2023202625 (22) 28.04.2023
 (54) Methods of manufacture of nut flours and formulations for oral immunotherapy
 (62) 2018207167

(71) Solidus Ventures GmbH; Frauchiger, D.; Samuels, E.
 (21) 2023202563 (22) 27.04.2023
 (54) SYSTEM AND METHOD FOR TRADING DISTINCT AND IDENTIFIABLE PORTIONS OF A PHYSICAL COMMODITY
 (62) 2021203238

(71) St. Jude Children's Research Hospital, Inc.
 (21) 2023202656 (22) 01.05.2023
 (54) Method for nucleic acid amplification
 (62) 2019212953

(71) State Grid Jiangsu Electric Power Co., Ltd Nanjing Power Supply Company
 (21) 2023202496 (22) 24.04.2023
 (54) AN ON-LINE MONITORING METHOD AND SYSTEM FOR FUGITIVE CARBON EMISSION IN CEMENT INDUSTRIAL PLANT AREA
 (31) 2022112163273 (32) 30.09.22 (33) CN

(71) Stemgenics, Inc.
 (21) 2023202459 (22) 21.04.2023
 (54) DIRECT REPROGRAMMING OF A HUMAN SOMATIC CELL TO A SELECTED (PREDETERMINED) DIFFERENTIATED CELL WITH FUNCTIONALIZED NANOPARTICLES
 (62) 2017274665

(71) Sungrow Power Supply Co., Ltd.
 (21) 2023202484 (22) 24.04.2023
 (54) Plug-in device and power conversion apparatus
 (31) 202220984021.1 (32) 26.04.22 (33) CN

(71) Suntory Holdings Limited
 (21) 2023202514 (22) 26.04.2023
 (54) Food or beverage with increased sweetness
 (62) 2018279449

(71) Suntory Holdings Limited
 (21) 2023202588 (22) 28.04.2023
 (54) Food or beverage with increased sweetness
 (62) 2018279449

(71) Szolkowski, P.
 (21) 2023202589 (22) 28.04.2023
 (54) An axle nut tool for an axle assembly
 (31) 2022901393 (32) 24.05.22 (33) AU

(71) TAIWAN FU HSING INDUSTRIAL CO., LTD.
 (21) 2023202510 (22) 26.04.2023
 (54) LOCK CORE DEVICE BASED ON MATCHING MULTIPLE KEY CROSS-SECTIONAL SHAPES, ITS BALL SLOT CONFIGURATION METHOD, AND ITS CORRESPONDING LOCKING KEY
 (31) 112104768 (32) 10.02.23 (33) TW

(71) Techtronic Cordless GP
 (21) 2023202493 (22) 24.04.2023
 (54) Creation of a virtual boundary for a robotic garden tool
 (31) 63/335,944 (32) 28.04.22 (33) US
 63/370,628 05.08.22 US

(71) Techtronic Cordless GP
 (21) 2023202495 (22) 24.04.2023
 (54) Robotic tool and charging station
 (31) 63/334,467 (32) 25.04.22 (33) US
 63/412,800 03.10.22 US

(71) Techtronic Cordless GP
 (21) 2023202529 (22) 26.04.2023
 (54) Robotic tool with boundary wire sensors
 (31) 63/335,554 (32) 27.04.22 (33) US
 63/347,400 31.05.22 US

(71) Tencent America LLC
 (21) 2023202525 (22) 26.04.2023
 (54) CODING TREE UNIT SIZE SIGNALING
 (62) 2020352930

(71) Tencent America LLC
 (21) 2023202526 (22) 26.04.2023
 (54) METHOD AND APPARATUS FOR VIDEO CODING
 (62) 2020292182

(71) Tencent America LLC
 (21) 2023202527 (22) 26.04.2023

(54) METHOD FOR WRAP AROUND MOTION COMPENSATION WITH REFERENCE PICTURE RESAMPLING
 (62) 2020418431

(71) Tencent America LLC
 (21) 2023202564 (22) 27.04.2023
 (54) Simplified Signaling Method for Affine Linear Weighted Intra Prediction Mode
 (62) 2020252084

(71) Tencent America LLC
 (21) 2023202653 (22) 01.05.2023
 (54) METHOD AND APPARATUS FOR REDUCING CONTEXT MODELS FOR ENTROPY CODING OF TRANSFORM COEFFICIENT SIGNIFICANT FLAG
 (62) 2020298230

(71) TF Pet IP Pty Ltd
 (21) 2023202591 (22) 28.04.2023
 (54) ANIMAL LITTER FILLER

(71) The Board of Trustees of the Leland Stanford Junior University
 (21) 2023202660 (22) 01.05.2023
 (54) Humanized and chimeric monoclonal antibodies to CD47
 (62) 2020203132

(71) The Chinese University of Hong Kong
 (21) 2023202572 (22) 27.04.2023
 (54) Single-molecule sequencing of plasma DNA
 (62) 2020202153

(71) The Governors of The University of Alberta
 (21) 2023202668 (22) 01.05.2023
 (54) DISPLAY OF MOLECULES ON SI-LICENTLY GENETICALLY ENCODED NANOSCALE CARRIERS FOR DETERMINING SYNERGISTIC MOLECULAR INTERACTIONS
 (62) 2018216180

The Regents of the University of California see Bruin Biosciences, Inc.
 (21) 2023202464

(71) The Regents of The University of California
 (21) 2023202582 (22) 28.04.2023
 (54) Targeted replacement of endogenous T cell receptors
 (62) 2018355587

(71) The Trustees of The University of Pennsylvania
 (21) 2023202680 (22) 02.05.2023

Complete Applications Filed - Name Index cont'd

(54) Gene Therapy For Treating Mucopolysaccharidosis Type I
(62) 2017215211

Ting, L. see Ng, C.P.
(21) 2023202573

(71) TNBT Holdings Pty Limited
(21) 2023202665 (22) 01.05.2023
(54) Universal Key Head
(31) 2022901166 (32) 04.05.22 (33) AU

Toyota Jidosha Kabushiki Kaisha see Komatsu Ltd.
(21) 2023202492

(71) Transportation IP Holdings, LLC
(21) 2023202649 (22) 01.05.2023
(54) VEHICLE POWER SUPPLY SYSTEM
(31) 18/299,175 (32) 12.04.23 (33) US
63/341,292 12.05.22 US

(71) Trans Tank International Pty Ltd
(21) 2023202533 (22) 27.04.2023
(54) Fluid baffle for a tank
(62) 2019265221

(71) Typhon Treatment Systems Limited
(21) 2023202542 (22) 27.04.2023
(54) A method, system and apparatus for treatment of fluids
(62) 2021203061

(71) Unilever Global IP Limited
(21) 2023202605 (22) 28.04.2023
(54) Non-aluminium antiperspirant compositions
(62) 2019386156

(71) Universität Bern; AlveoliX Technologies AG
(21) 2023202652 (22) 01.05.2023
(54) Cell culturing system and method
(62) 2017364195

(71) University of Southern California; Research Institute at Nationwide Children's Hospital; Ohio State Innovation Foundation
(21) 2023202534 (22) 27.04.2023
(54) COMPOSITIONS AND METHODS FOR THE TREATMENT OF BURKHOLDERIA INFECTIONS
(62) 2020203092

(71) VALD Pty Ltd
(21) 2023202612 (22) 28.04.2023
(54) DYNAMOMETER GRIP TOOL
(31) PCT/ (32) 05.10.22 (33) WO
AU2022/051191

(71) ViaCyte, Inc.
(21) 2023202507 (22) 26.04.2023
(54) CELL COMPOSITIONS DERIVED FROM DEDIFFERENTIATED REPROGRAMMED CELLS
(62) 2022200075

(71) View, Inc.
(21) 2023202535 (22) 27.04.2023
(54) Automated commissioning of controllers in a window network
(62) 2017363581

Vogler, L. see Worthington, M.
(21) 2023202465

(71) VOLVO AUTONOMOUS SOLUTIONS AB
(21) 2023202672 (22) 01.05.2023
(54) A METHOD FOR DETERMINING AN ERROR WITH ANCHOR POINT DETECTION FOR AN AT LEAST PARTLY AUTONOMOUS VEHICLE
(31) 22176733.8 (32) 01.06.22 (33) EP

(71) W. L. Gore & Associates, Inc.
(21) 2023202557 (22) 27.04.2023
(54) Implantable cardiac sensors
(62) 2019404586

(71) WAE Technologies Limited
(21) 2023202622 (22) 28.04.2023
(54) Manufacturing fibre-reinforced composite structures
(62) 2017294151

(71) Weber, P.
(21) 2023202639 (22) 28.04.2023
(54) Selective Predator Incapacitation Device & Methods
(62) 2021240315

(71) Wemade Co., Ltd.
(21) 2023202544 (22) 27.04.2023
(54) METHOD FOR PROVIDING STABLE-COIN SERVICES OVER THE BLOCKCHAIN NETWORK AND BLOCKCHAIN SYSTEM USING THE SAME
(31) 10-2022-0124750 (32) 29.09.22 (33) KR

(71) West Virginia University Research Corporation
(21) 2023202603 (22) 28.04.2023
(54) Methods, apparatuses, and electrodes for carbide-to-carbon conversion with nanostructured carbide chemical compounds
(62) 2017252650

(71) Willowtree Holdings Pty Ltd
(21) 2023202540 (22) 27.04.2023
(54) PACKAGING FOR WHEEL RIMS
(31) 2022901101 (32) 27.04.22 (33) AU

(71) Wix.com Ltd.
(21) 2023202664 (22) 01.05.2023
(54) System and method for handling overlapping objects in visual editing systems
(62) 2019214550

(71) Wonderland Switzerland AG
(21) 2023202552 (22) 27.04.2023
(54) Baby Carriage
(31) 202210489660.5 (32) 06.05.22 (33) CN

(71) Worthington, M.; Vogler, L.
(21) 2023202465 (22) 21.04.2023
(54) Wind Turbine Tower

(71) Worthwhile Products
(21) 2023202553 (22) 27.04.2023
(54) INVENTORY CONTROL SYSTEM WITH INTEGRATED ID TAGS
(62) 2022291446

(71) Yunjing Intelligence Technology (Dongguan) Co., Ltd.
(21) 2023202609 (22) 28.04.2023
(54) Turntable Structure, Mopping Device, And Robot
(62) 2019339975

(71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
(21) 2023202640 (22) 28.04.2023
(54) PHOTOVOLTAIC MODULE AND PREPARATION METHOD THEREOF
(31) 202310089709.2 (32) 16.01.23 (33) CN
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		2023202582	The Regents of The University of California

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2023202640	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.		
2023202641	Ho, D.T.C.; Avazpour, I.; Grundy, J.; Abdelrazek, M.; Chua, C.; Bednarz, T.; Obie, H.		
2023202642	ImmunityBio, Inc.		
2023202643	Enerpac Tool Group Corp.		
2023202644	Alydia Health, Inc.		
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2023202646	Cripps Clark, J.		
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Innovation Patent Applications Filed**Name Index**

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

(71) MP Hydro Pty Limited
(21) 2023100038 **(22)** 28.04.2023
(54) Swimming pool alignment
(62) 2021221535

(71) Trans Tank International Pty Ltd
(21) 2023100037 **(22)** 27.04.2023
(54) Fluid baffle for a tank
(62) 2019265221

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2023100037 Trans Tank International Pty Ltd

2023100038 MP Hydro Pty Limited

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

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2018

2018101491 (22E) 2018101501 (22E) 2018101533 (22E)
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2019

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2020

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2021

2021100005 (22E) 2021200069 (5C) 2021200110 (5C)
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2022

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2023

2023200428 (1B) 2023200432 (1B) 2023200562 (1B)
 2023200790 (7AN) 2023200805 (12C) 2023201369 (12AN)
 2023900279 (12AN)

Complete Specifications Treated as Provisional Specifications, Section 37

2022

Complete Specifications Treated as Provisional Specifications, Section 37

2022252750 **Eden Paving Group** Provisional Number:
 2022904047

Assignments before Grant, Section 113

2017

2017279591 **Seasol International Pty Ltd** The application has been assigned to **DuluxGroup (Australia) Pty Limited**

2017365705 **Australian Radio Towers Infrastructure Pty Ltd** The application has been assigned to **Australian Radio Towers Assets Pty Ltd**

2018

2018358049 **ASTRAZENECA AB** The application has been assigned to **MODERNATX, INC.**

2020

2020318112 **WuXi Biologics Ireland Limited** The application has been assigned to **WUXI XDC SINGAPORE PRIVATE LIMITED**

2021

2021201872 **Joby Elevate, Inc.** The application has been assigned to **Joby Aero, Inc.**

2021214967 **Landesberg, Amir** The application has been assigned to **Levtron Cardiovascular Ltd.**

2021236495 **Singh, Bhupinder** The application has been assigned to **Hub Therapeutics**

2021253254 **Sanchez, Peter; Tame, Fallon** The application has been assigned to **Sanchez, Peter**

2022

2022204707 **The Charles Machine Works, Inc.** The application has been assigned to **Per Aarsleff A/S**

2022291536 **Schneider Electric (Australia) Pty Limited** The application has been assigned to **Schneider Electric Industries SAS**

2023

2023900839 **Umair, Saleh** The application has been assigned to **AGRESEARCH LIMITED**

Extensions of Time, Section 223

Applications Received

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

2016

2016336038 **Alecson Feld Australia Pty Ltd** An application to extend the time from 22 Mar 2023 to 22 Jun 2023 in which to gain acceptance

Extensions of Time, Section 223

has been filed . Address for service - Alecson Feld Australia Pty Ltd
Tnhs 12 3 Victoria St Bowral NSW 2576 AU

2021

2021100588 **MICROSECURE CORPORATION PTY LTD** An application to extend the time from 25 Feb 2021 to 25 Jan 2023 in which to comply with a direction under Reg 3.2B has been filed . Address for service - MICROSECURE CORPORATION PTY LTD 100 AUSTINS ROAD Humevale VIC 3757 AU

2023

2023202089 **Eagle Pharmaceuticals, Inc.** An application to extend the time from 30 Jun 2022 to 30 Apr 2023 in which to make a further application for a divisional patent has been filed . Address for service - Pizzeyes Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Applications Allowed - Section 223(2)

2007

2007327315 **Khosla, R.** The time in which to pay a renewal fee has been extended to 30 Jun 2022 . Address for service - Rajiv Khosla 3 Alanah PI Ivanhoe VIC 3079 AU

2008

2008226340 **Hunter Immunology Limited** The time in which to pay a renewal fee has been extended to 14 Nov 2022 . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

2009

2009201178 **Boucher & Boucher Pty Ltd** The time in which to pay a renewal fee has been extended to 25 Nov 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012202801 **Hunter Immunology Ltd** The time in which to pay a renewal fee has been extended to 14 Nov 2022 . Address for service - Adams Pluck PO BOX 905 Hornsby NSW 2077 AU

2013

2013201578 **Veivers, B.** The time in which to pay a renewal fee has been extended to 15 Feb 2023 . Address for service - Intellepro Patent & Trade Mark Attorneys GPO Box 1339 Brisbane QLD 4001 AU

2016

2016238178 **DripDrone, Inc.** The time in which to pay a renewal fee has been extended to 26 Nov 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2017

2017266442 **Walnab Pty Ltd** The time in which to gain acceptance has been extended to 31 May 2023 . Address for service - Clark Intellectual Property Pty Ltd 14 Eaton Street Willoughby NSW 2068 AU

2018

2018217309 **Upreti, S.** The time in which to gain acceptance has been extended to 26 May 2023 . Address for service - FOUNDRY INTELLEC-

Extensions of Time, Section 223

TUAL PROPERTY PTY LTD PO Box Q1466 Queen Victoria Building
NSW 1230 AU

2018347521 **Immunowake Inc.** The time in which to request examination has been extended to 19 Feb 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2018387593 **Essilor International** The time in which to enter the National Phase has been extended to 22 Nov 2022 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2019

2019201163 **Borecam Asia Pte Ltd** The time in which to request examination has been extended to 22 Mar 2023 . Address for service - Elliptic Legal & Patent Services Suite 5A 63 Shepperton Road Victoria Park WA 6100 AU

2019203580 **DripDrone, Inc.** The time in which to pay a renewal fee has been extended to 26 Nov 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019389856 **Abbas Mohammad Khan, A.** The time in which to gain acceptance has been extended to 22 Feb 2023 . Address for service - Abbas Khan c/o Kapil Talwar, 38 Hardwicke Street Balwyn VIC 3103 AU

2020

2020234718 **University of Virginia Patent Foundation** The time in which to enter the National Phase has been extended to 13 Sep 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2022

2022100150 **ESS Earth Sciences Pty Ltd** The time in which to associate with a complete application has been extended to 30 Oct 2022 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2022201992 **ProstaGene, LLC** The time in which to pay a continuation fee and to request examination has been extended to 30 Jan 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

Amendments

Applications for Amendment

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

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

2008

2008261137 Antibodies to OPGL **Amgen Inc. ; Amgen Fremont Inc.** The nature of the amendment is as shown in the statement(s)

Amendments

filed 27 Feb 2023 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2014

2014255510 A method and apparatus for identifying and communicating locations **What3words Limited** The nature of the amendment is as shown in the statement(s) filed 05 Sep 2022 . Address for service - Yannie Chan PO Box 6163 Yatala Dc QLD 4207 AU

2016

2016313437 Pipe coupling **Ryan , R.** The nature of the amendment is as shown in the statement(s) filed 08 Apr 2023 . Address for service - Acacia Law PO BOX 1279 Milton QLD 4064 AU

2017

2017225977 Current drain reduction in AR/VR display systems **Magic Leap, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Apr 2023 . Address for service - Davies Collison Cave Pty Ltd Level 10 301 Coronation Drive MILTON QLD 4064 AU

2017261483 Compounds derived from herbicidal carboxylic acids and tetraalkylammonium or (arylalkyl) trialkylammonium hydroxides **Corteva Agriscience LLC** The nature of the amendment is as shown in the statement(s) filed 23 Mar 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2017310774 Substituted polycyclic pyridone derivative and pharmaceutical composition containing prodrug thereof **Shionogi & Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Kawai, Makoto . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017319511 System and method for managing series recordings as a function of available storage **Rovi Guides, Inc.** The nature of the amendment is as shown in the statement(s) filed 25 Jan 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017331090 Vascular stent devices and methods **TVA Medical, Inc.** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017336250 Incremental dose finding in controlled-release PTH compounds **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2023 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018213406 Form-fitting eddy current array sensor and method of use thereof **Global Physical Asset Management, Inc.** The nature of the amendment is as shown in the statement(s) filed 21 Mar 2023 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2018328102 Intramedullary threaded nail for radial cortical fixation **ExsoMed Corporation** The nature of the amendment is as shown in

Amendments

the statement(s) filed 17 Apr 2023 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street SYDNEY NSW 2000 AU

2019

2019288733 Chimeric transmembrane proteins and uses thereof **Kite Pharma, Inc.** The nature of the amendment is as shown in the statement(s) filed 13 Apr 2023 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2019382463 COMMUNICATIONS METHOD AND APPARATUS **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020213761 3-carboxylamino-5-cyclopentyl-1 Fi-pyrazole compounds having inhibitory activity on CDK2 **Pfizer Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Mar 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020277232 AMINOINDANE COMPOUNDS AND USE THEREOF IN TREATING PAIN **Libertas Bio, Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Apr 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020281026 ELEVATED STORAGE APPARATUS FOR STORING OR MOVING ITEMS **Miles , S.** The nature of the amendment is as shown in the statement(s) filed 01 Mar 2023 . Address for service - Ahearn Fox PO Box 9398 Wynnum Plaza Brisbane QLD 4178 AU

2022

2022221384 Use of Nicotinic acid Riboside or Nicotinamide Riboside derivatives, and reduced derivatives thereof, as nad+ increasing precursors **Chromadex Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Apr 2023 . Address for service - PIPERS 1st Floor 3 Owens Road Epsom Auckland 1023 NZ

2023

2023201142 METHOD FOR CONTROLLING UNDERGROUND UNMANNED VEHICLE AND DEVICE **CCTEG TIANDI SCIENCE & TECHNOLOGY CO., LTD. ; CCTEG SHENYANG RESEARCH INSTITUTE** The nature of the amendment is: Add the name of co-inventor LONG, Bo . Address for service - LexGeneris Pty Ltd U 2 342 Scarborough Beach Rd Osborne Park WA 6017 AU

Amendments Made

2016

2016278348 **Miami Design Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 19 Apr 2022

2018

2018234027 **Daiichi Sankyo Company, Limited** The nature of the amendment is: Amend the name of the inventor to read Koike, Ryoji; Hachisu, Yoshifumi; Kitawaki, Takafumi; Shiraiishi, Shohei and Hamada, Yoshito

Amendments

2018242612 **Novartis AG** The nature of the amendment is as was notified in the Supplement to the Official Journal dated 02 Feb 2023

2018334150 **Oculogica Inc.** The nature of the amendment is as shown in the statement(s) filed 24 Apr 2023

2018374219 **Suzhou Ribo Life Science Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2023

2019

2019212320 **Bticino SpA** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2023

2019381094 **Nanjing Iron & Steel Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2019101844

2020

2020238756 **Forma Lighting (HK) Limited** The nature of the amendment is as shown in the statement filed 12 Apr 2023

2020238756 **Forma Lighting (HK) Limited** The nature of the amendment is: Application is to proceed under the number 2020104493

2020366533 **M.E.D. Energy Inc.** The nature of the amendment is: Amend the priority details to remove 16/600,539 13 Oct 2019 US

2020397803 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jan 2023

2020398125 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jan 2023

2020398547 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 26 Jan 2023

2020469182 **HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read PHOTOVOLTAIC POWER GENERATION SYSTEM AND METHOD AND DEVICE FOR DETECTING EARTH FAULT OF PHOTOVOLTAIC STRING

2020475318 **HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR CONTROLLING BUSBAR VOLTAGE OF PHOTOVOLTAIC SYSTEM

2021

2021201701 **Einhell Germany AG** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2023

2021263448 **TeneoBio, Inc.** The nature of the amendment is: Amend the name of the inventor to read HARRIS, Katherine; SCHELLENBERGER, Ute; VAFA, Omid; TRINKLEIN, Nathan; VAN SCHOOTEN, Wim; FORCE ALDRED, Shelley; PHAM, Duy and RAN-GASWAMY, Udaya

2021327397 **TERNS PHARMACEUTICALS, INC.** The nature of the amendment is: Add the names of co-inventors Kirschberg, Thorsten A. and Xu, Yingzi

Amendments

2021329814 **The Regents of the University of California** The nature of the amendment is: Amend the name of the inventor to read GOODARZI, Hani

2021336957 **BEIJING CENTURY TAL EDUCATION TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read METHOD FOR EVALUATING A SPEECH FORCED ALIGNMENT MODEL, ELECTRONIC DEVICE, AND STORAGE MEDIUM

2021338380 **The UAB Research Foundation; Texas Biomedical Research Institute** The nature of the amendment is: Amend the name of the inventor to read KOBIE, James; WALTER, Mark R.; PIEPENBRINK, Michael; DESHPANDE, Ashlesha; GOPEFERT, Paul; ERDMANN, Nathaniel; MARTINEZ-SOBRIDO, Luis; BASU, Madhubanti; SARKAR, Sanghita; OLADUNNI, Fatai and PARK, Jun-Gyu

2021342333 **Merck Patent GmbH** The nature of the amendment is: Amend the name of the inventor to read BOSCHERT, Ursula and WIEDEMANN, Urs

2021350581 **Douglas Pharmaceuticals Ltd.** The nature of the amendment is: Amend the name of the inventor to read GLUE, Paul William; MEDLICOTT, Natalie June; SURMAN, Peter William and LONG, Yuefeng

2021357791 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery rack, energy storage system, and power generation system

2021462201 **Ziropa, Inc.** The nature of the amendment is: Amend the priority details to read 63/063,755 10 Aug 2020 US

2022

2022229167 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery module with improved fire protection performance

2022247599 **HUAWEI TECHNOLOGIES CO., LTD.** The nature of the amendment is: Amend the invention title to read SPATIAL REUSE METHOD, APPARATUS, DEVICE, AND MEDIUM

2023

2023202273 **Blue River Technology Inc.** The nature of the amendment is: Amend the priority details to read 17/840,856 15 Jun 2022 US

2023900486 **Charles Sturt University** The nature of the amendment is: Amend the invention title to read A method for detecting disease or damage in offal

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

2004

2004226849 **THYSSENKRUPP POLYSIUS AKTIENGESELLSCHAFT** The name of the patentee has been altered to **THYSSENKRUPP RESOURCE TECHNOLOGIES AG**

2005

2005259248 **Swellfix B.V.** The name of the patentee has been altered to **Tendeka B.V.**

Amendments

2006

2006320247 Dover BMCS Acquisition Corp. The name of the patentee has been altered to **US Synthetic Corporation**

2007

2007214087 THYSSENKRUPP POLYSIUS AKTIENGESELL-SCHAFT The name of the patentee has been altered to **THYSSENKRUPP RESOURCE TECHNOLOGIES AG**

2007257308 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2008

2008280515 THYSSENKRUPP POLYSIUS AKTIENGESELL-SCHAFT The name of the patentee has been altered to **THYSSENKRUPP RESOURCE TECHNOLOGIES AG**

2008291944 Swellfix B.V. The name of the patentee has been altered to **Tendeka B.V.**

2008320657 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2008325366 IMG Group AS,. The name of the patentee has been altered to **Ekornes AS**

2008332968 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2009

2009211181 Swellfix B.V. The name of the patentee has been altered to **Tendeka B.V.**

2012

2012266246 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2013

2013222052 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2013222053 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2013343024 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2013360337 Jacob Holm & Sons AG The name of the patentee has been altered to **Glatfelter Holding (Switzerland) AG**

Amendments

2014

2014200237 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2014206592 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2014206593 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2014292968 Helmer, Inc. The name of the patentee has been altered to **Helmer Scientific, LLC**

2014304108 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2014317408 Swellfix B.V. The name of the patentee has been altered to **Tendeka B.V.**

2015

2015208185 Swellfix B.V. The name of the patentee has been altered to **Tendeka B.V.**

2015212880 Swellfix B.V. The name of the patentee has been altered to **Tendeka B.V.**

2015370415 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2017

2017329865 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2017354745 IMG Group AS,. The name of the applicant has been altered to **Ekornes AS**

2018

2018206357 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2018206358 Worg Pharmaceuticals (Hangzhou) Co., Ltd. The name of the patentee has been altered to **Worg Pharmaceuticals (Zhejiang) Co., Ltd.**

2018268805 Jacob Holm & Sons AG The name of the applicant has been altered to **Glatfelter Holding (Switzerland) AG**

2018272048 Crestovo Holdings LLC The name of the applicant has been altered to **Finch Therapeutics Holdings LLC**

2018350979 Helmer, Inc. The name of the applicant has been altered to **Helmer Scientific, LLC**

Amendments

2018361980 Jacob Holm & Sons AG The name of the applicant has been altered to **Glatfelter Holding (Switzerland) AG**

2018389732 iXblue The name of the applicant has been altered to **Exail**

2019

2019218547 Odfjell Partners Invest Ltd The name of the applicant has been altered to **Odfjell Technology Invest Ltd**

2019338229 iXblue The name of the applicant has been altered to **Exail**

2020

2020440406 Odfjell Partners Invest Ltd The name of the applicant has been altered to **Odfjell Technology Invest Ltd**

2021

2021210192 Jacob Holm & Sons AG The name of the applicant has been altered to **Glatfelter Holding (Switzerland) AG**

2021237673 iXblue The name of the applicant has been altered to **Exail**

2021462201 Ziropa, Inc.; Waugh, Jacob The name of the applicant has been altered to **Ziropa, Inc.**

2022

2022904019 NewSouth Innovations Pty Ltd The name of the applicant has been altered to **NewSouth Innovations Pty Limited**

2022904020 NewSouth Innovations Pty Ltd The name of the applicant has been altered to **NewSouth Innovations Pty Limited**

2023

2023200748 TF Tech Ventures The name of the applicant has been altered to **Cure Pharmaceutical, Inc.**

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- . (**) Title not given

(71) 2B1K Imports Pty Ltd
 (11) AU-A-2023202320
 (21) 2023202320 (22) 14.04.2023
 (54) HAIR TREATMENT SYSTEM, TREATMENTS AND APPARATUS
 (51) Int. Cl.
B05B 1/18 (2006.01)
B05B 1/34 (2006.01)
E03C 1/046 (2006.01)
 (43) 11.05.2023
 (62) 2017208719
 (72) Cohen, Ben Jan; Risher, Benny; Roet, Noah; Maarbani, Samir
 (74) Pearce IP Pty Ltd

(71) 4D Molecular Therapeutics Inc.
 (11) AU-A-2023202289
 (21) 2023202289 (22) 13.04.2023
 (54) Adeno-Associated Variants, Formulations And Methods For Pulmonary Delivery
 (51) Int. Cl.
C12N 15/864 (2006.01)
A61K 38/16 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C07K 14/015 (2006.01)
C07K 14/47 (2006.01)
 (43) 11.05.2023
 (62) 2021265768
 (72) KOTTERMAN, Melissa; FRANCIS, Peter; CALTON, Melissa; GONZALES, Johnny; CROZE, Roxanne; SCHMITT, Christopher
 (74) WRAYS PTY LTD

(71) Aarhus Universitet
 (11) AU-A-2023201738
 (21) 2023201738 (22) 21.03.2023
 (54) Nepenthesin-1 derived resistance to fungal pathogens in major crop plants
 (51) Int. Cl.
C12N 15/82 (2006.01)
C07K 14/415 (2006.01)
 (43) 11.05.2023
 (62) 2018335849
 (72) BEKALU, Zelalem Eshetu; DIONISIO, Giuseppe; MADSEN, Claus Krogh; HOLME, Inger Bæksted; ETZERODT, Thomas Povl; FOMSGAARD, Inge; JØRGENSEN, Lise Nistrup; BRINCH-PEDERSEN, Henrik
 (74) Alder IP Pty Ltd

(71) Abiomed, Inc.
 (11) AU-A-2023202305
 (21) 2023202305 (22) 14.04.2023

(54) Systems and methods for time-based one-time password management for a medical device
 (51) Int. Cl.
H04L 9/08 (2006.01)
 (43) 11.05.2023
 (62) 2018337040
 (72) AGNELLO, Alessandro Simone
 (74) Davies Collison Cave Pty Ltd

(71) Actiforce International B.V.
 (11) AU-A-2022259735
 (21) 2022259735 (22) 25.10.2022
 (54) HEIGHT-ADJUSTABLE OFFICE FURNITURE
 (51) Int. Cl.
A47B 9/20 (2006.01)
A47B 13/02 (2006.01)
A47B 21/02 (2006.01)
A47C 1/00 (2006.01)
A47C 3/20 (2006.01)
A47C 7/50 (2006.01)
A47C 20/00 (2006.01)
 (31) 21204781.5 (32) 26.10.21 (33) EP
 (43) 11.05.2023
 (72) WEIDMANN, Thomas; LOH, Kam Shun
 (74) Griffith Hack

(71) Adobe Inc.
 (11) AU-A-2022221413
 (21) 2022221413 (22) 23.08.2022
 (54) DOMO V2: ON-DEVICE OBJECT DETECTION AND INSTANCE SEGMENTATION FOR OBJECT SELECTION
 (51) Int. Cl.
G06V 10/764 (2022.01)
G06F 16/583 (2019.01)
G06N 3/08 (2006.01)
G06T 7/11 (2017.01)
 (31) 63/271,150 (32) 23.10.21 (33) US
 17/589,114 31.01.22 US
 (43) 11.05.2023
 (72) Wei, Zijun; Lin, Zhe; Chen, Su; Cohen, Scott; Zhang, Jianming; wen yong Kuen, Jason
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2022221471
 (21) 2022221471 (22) 25.08.2022
 (54) AUTOMATIC PHOTO EDITING VIA LINGUISTIC REQUEST
 (51) Int. Cl.
G06T 5/00 (2006.01)
G06N 3/08 (2006.01)
 (31) 17/452,529 (32) 27.10.21 (33) US
 (43) 11.05.2023
 (72) Xu, Ning; Lin, Zhe; Deroncourt, Franck
 (74) RnB IP Pty Ltd

(71) Adverum Biotechnologies, Inc.
 (11) AU-A-2023202277
 (21) 2023202277 (22) 13.04.2023
 (54) COMPOSITIONS AND METHODS FOR REDUCING OCULAR NEOVASCULARIZATION
 (51) Int. Cl.
C07K 14/005 (2006.01)
A61F 9/008 (2006.01)
A61K 38/17 (2006.01)
A61K 48/00 (2006.01)
C07K 14/705 (2006.01)
C12N 15/09 (2006.01)
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 (43) 11.05.2023
 (62) 2017286680
 (72) Blumenkranz, Mark; Gasmi, Mehdi
 (74) AJ PARK

(71) Aegis Therapeutics, LLC; Opiant Pharmaceuticals, Inc.
 (11) AU-A-2023202420
 (21) 2023202420 (22) 20.04.2023
 (54) Compositions, devices, and methods for the treatment of alcohol use disorder
 (51) Int. Cl.
A61K 31/33 (2006.01)
A61K 31/395 (2006.01)
A61M 11/00 (2006.01)
A61P 25/00 (2006.01)
A61P 25/30 (2006.01)
A61P 25/32 (2006.01)
 (43) 11.05.2023
 (62) 2017281941
 (72) CRYSTAL, Roger; AGRAWAL, Arvind; MAGGIO, Edward T.
 (74) FB Rice Pty Ltd

(71) Agenus Inc.
 (11) AU-A-2023202337
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 (54) Anti-CD137 antibodies and methods of use thereof
 (51) Int. Cl.
C07K 16/28 (2006.01)
 (43) 11.05.2023
 (62) 2018253176
 (72) Xiao, Yanping; Wilson, Nicholas Stuart; Morin, Benjamin Maxime; Findeis, Mark Arthur; Mundt, Cornelia Anne; Van Dijk, Marc; Chand, Dhan Sidhartha; Savitsky, David Adam; Underwood, Dennis John; Ignatovich, Olga
 (74) AJ PARK

(71) Amicrobe, Inc.
 (11) AU-A-2023202283
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- (54) Compositions and uses of locally-applied antimicrobial synthetic cationic polypeptide(s) with enhanced performance and safety
- (51) Int. Cl.
A61K 38/00 (2006.01)
A61K 9/08 (2006.01)
A61K 38/16 (2006.01)
A61P 31/04 (2006.01)
- (43) 11.05.2023
(62) 2018249552
(72) Bevilacqua, Michael P.; Huang, Daniel J.; Looker, Doug
(74) Griffith Hack
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- (71) Angel Group Co., Ltd.
(11) AU-A-2023202285
(21) 2023202285 (22) 13.04.2023
(54) Fraud detection system in casino
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 11/00 (2006.01)
G06Q 50/10 (2012.01)
- (43) 11.05.2023
(62) 2021202291
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd
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- (71) Angel Group Co., Ltd.
(11) AU-A-2023202286
(21) 2023202286 (22) 13.04.2023
(54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS
(51) Int. Cl.
A63F 1/18 (2006.01)
G06Q 50/34 (2012.01)
- (43) 11.05.2023
(62) 2021200820
(72) Shigeta, Yasushi
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Angel Group Co., Ltd.
(11) AU-A-2023202469
(21) 2023202469 (22) 22.04.2023
(54) FRAUD DETECTION SYSTEM IN CASINO
(51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)
- (43) 11.05.2023
(62) 2022200022
(72) Shigeta, Yasushi
(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
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- (71) Apple Inc.
(11) AU-A-2023202431
(21) 2023202431 (22) 20.04.2023
(54) Systems and methods for integrating third party services with a digital assistant
(51) Int. Cl.
G06Q 10/10 (2023.01)
- (43) 11.05.2023
(62) 2021286360
(72) Gruber, Thomas R.; Brigham, Christopher D.; Cheyer, Adam J.; Keen, Daniel; Kocienda, Kenneth
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
(11) AU-A-2023202432
(21) 2023202432 (22) 20.04.2023
(54) Electronic device with rotatable input mechanism for navigating calendar application
(51) Int. Cl.
G06F 1/16 (2006.01)
G06F 3/0362 (2013.01)
- (43) 11.05.2023
(62) 2021277718
(72) Chaudhri, Imran; Lemay, Stephen O.; Dye, Alan C.; Foss, Christopher Patrick; Wilson, Christopher; Wilson, Eric Lance; Yang, Lawrence Y.; Ive, Jonathan P.; Nelson, Britt K.; Park, Dennis S.
(74) FPA Patent Attorneys Pty Ltd
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- (71) Apple Inc.
(11) AU-A-2023202497
(21) 2023202497 (22) 24.04.2023
(54) Processing of commands in a virtual assistant
(51) Int. Cl.
G06F 17/28 (2006.01)
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- (43) 11.05.2023
(62) 2021203914
(72) Gruber, Thomas Robert; Brigham, Christopher Dean; Keen, Daniel S.; Novick, Gregory; Phipps, Benjamin S.
(74) FPA Patent Attorneys Pty Ltd
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- (71) Apple Inc.
(11) AU-A-2023202531
(21) 2023202531 (22) 27.04.2023
(54) Method, device and secure element for conducting a secured financial transaction on a device
(51) Int. Cl.
G06Q 20/40 (2012.01)
G06Q 20/16 (2012.01)
G06Q 20/32 (2012.01)
G06Q 20/34 (2012.01)
- (43) 11.05.2023
(62) 2021201388
(72) Fontaine, Sebastien; Dolcino, Luc; Du Hays, Benjamin; De Nanclas, Maxime; Alberti, Xavier
(74) FPA Patent Attorneys Pty Ltd
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- (71) Aristocrat Technologies, Inc.
(11) AU-A-2022256208
(21) 2022256208 (22) 21.10.2022
(54) GAMING SYSTEMS WITH BLOCK-CHAIN JACKPOTS
(51) Int. Cl.
H04L 9/00 (2022.01)
A63F 13/30 (2014.01)
- (43) 11.05.2023
(62) 2021286360
(72) Gruber, Thomas R.; Brigham, Christopher D.; Cheyer, Adam J.; Keen, Daniel; Kocienda, Kenneth
(74) FPA Patent Attorneys Pty Ltd
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- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2023202485
(21) 2023202485 (22) 24.04.2023
(54) Gaming System and Method for Modifying a Wager Game
(51) Int. Cl.
A63F 13/655 (2014.01)
A63F 13/60 (2014.01)
- (43) 11.05.2023
(62) 2021202283
(72) Palmisano, Angelo
(74) Adams Pluck
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- (71) Asahi Kasei Kabushiki Kaisha
(11) AU-A-2023202316
(21) 2023202316 (22) 14.04.2023
(54) Planning device, planning method, and planning program
(51) Int. Cl.
G06Q 10/00 (2023.01)
- (43) 11.05.2023
(62) 2019356338
(72) NAGINO, Goshu
(74) Griffith Hack
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- (71) Asahi Kasei Kabushiki Kaisha
(11) AU-A-2023202403
(21) 2023202403 (22) 19.04.2023
(54) Elastic mattress and electrolyzer
(51) Int. Cl.
C25B 13/02 (2006.01)
C25B 9/00 (2021.01)
- (43) 11.05.2023
(62) 2020240988
(72) MATSUOKA, Mamoru; TSUCHIDA, Kazuyuki
(74) Griffith Hack
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- (71) Ascension Fitness Tools Pty Ltd
(11) AU-A-2022259804
(21) 2022259804 (22) 27.10.2022
(54) Exercise Apparatus
(51) Int. Cl.
A63B 26/00 (2006.01)
A63B 21/00 (2006.01)
A63B 21/02 (2006.01)
A63B 22/00 (2006.01)
- (31) 2021903442 (32) 27.10.21 (33) AU
(43) 11.05.2023
(72) Johnson, Daniel
(74) MEYER WEST IP
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- (71) Aristocrat Technologies, Inc.
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(21) 2022256208 (22) 21.10.2022
(54) GAMING SYSTEMS WITH BLOCK-CHAIN JACKPOTS
(51) Int. Cl.
H04L 9/00 (2022.01)
A63F 13/30 (2014.01)

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- (71) AstraZeneca AB
(11) AU-A-2023202490
(21) 2023202490 (22) 24.04.2023
(54) METHODS OF TREATING CHRONIC KIDNEY DISEASE WITH DAPAGLIFLOZIN
(51) Int. Cl.
A61K 31/351 (2006.01)
A61P 13/12 (2006.01)
(43) 11.05.2023
(62) 2021202643
(72) Langkilde, Anna Maria
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Baxter Corporation Englewood
(11) AU-A-2023202460
(21) 2023202460 (22) 21.04.2023
(54) AUTOMATED EXCHANGE OF HEALTHCARE INFORMATION FOR FULFILLMENT OF MEDICATION DOSES
(51) Int. Cl.
G16H 10/60 (2018.01)
G06Q 50/22 (2018.01)
(43) 11.05.2023
(62) 2021202250
(72) PADMANI, Bhavesh S.; OLSEN, Gregory T.; ABBASI, Ghalib A.; DOOLEY, Cherie; LEECH, Douglas; ARMSTRONG, Cory D.; WHITE, Russell
(74) K&L Gates
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- (71) Bedgear, LLC
(11) AU-A-2023202276
(21) 2023202276 (22) 13.04.2023
(54) Independent suspension spring assembly
(51) Int. Cl.
A47C 27/06 (2006.01)
(43) 11.05.2023
(62) 2017284082
(72) Alletto Jr., Eugene
(74) Michael Buck IP
-
- (71) Beijing Tusen Zhitu Technology Co., Ltd.
(11) AU-A-2022252806
(21) 2022252806 (22) 14.10.2022
(54) Traffic marker detection method and training method for traffic marker detection model
(51) Int. Cl.
G06V 20/58 (2022.01)
G06V 10/56 (2022.01)
(31) 202111243057.0 (32) 25.10.21 (33) CN
(43) 11.05.2023
(72) SHEN, Zhenwei; HUANG, Zehao; WANG, Naiyan
(74) FB Rice Pty Ltd
-
- (71) Bell Identification BV
(11) AU-A-2023202521
(21) 2023202521 (22) 26.04.2023
(54) Method and Apparatus for Providing Secure Services Using a Mobile Device
(51) Int. Cl.
- G06Q 20/00 (2012.01)
G06Q 20/32 (2012.01)
(43) 11.05.2023
(62) 2021209143
(72) Bouda, Mohammed Chakib
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Better Stats
(11) AU-A-2021257957
(21) 2021257957 (22) 26.10.2021
(54) Mobile & web application for real-time tracking of multi-bet sport wagers
(51) Int. Cl.
G06Q 50/34 (2012.01)
G07F 17/32 (2006.01)
(43) 11.05.2023
(72) Whittle, Thomas; Whittle, Edward
(74) Better Stats
-
- (71) BGC Partners, Inc.
(11) AU-A-2023202470
(21) 2023202470 (22) 22.04.2023
(54) INTERPROCESS COMMUNICATION FACILITATING SELLSIDE MARKET-MAKING
(51) Int. Cl.
G06Q 30/08 (2012.01)
G06Q 30/02 (2023.01)
G06Q 40/04 (2012.01)
(43) 11.05.2023
(62) 2017285209
(72) Lutnick, Howard W.; Sweeting, Michael; Lynn, Shaun; Norton, Philip; Winter, Rich
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Biogen Inc.
(11) AU-A-2023202293
(21) 2023202293 (22) 13.04.2023
(54) Novel salts
(51) Int. Cl.
C07D 487/10 (2006.01)
A61K 31/407 (2006.01)
A61P 25/00 (2006.01)
(43) 11.05.2023
(62) 2018338884
(72) GIBLIN, Gerard M.P.; MACPHERSON, David T.; WILLIAMS, Michael; WITTY, David R.; NORTHEN, Julian; VASUDEVAN, Kalyan
(74) ALLENS PATENT & TRADE MARK ATTORNEYS
-
- (71) Bio-Rad Laboratories, Inc.
(11) AU-A-2023201695
(21) 2023201695 (22) 20.03.2023
(54) System and Method for Automated Single Cell Processing
(51) Int. Cl.
C12M 1/00 (2006.01)
(43) 11.05.2023
(62) 2020267743
(72) HANDIQUE, Kalyan; PAYNE, Austin; WANG, Sida; TEGELS, Patrick Michael; KOEDERITZ, Will; GENORD, Daniel; PARKER, Grey; BON-
- IFACE, Brian; MEHNE, Katlyn Curtin; HITCHINER, Alec William
(74) PIPERS
-
- (71) BlackSeries Intelligent Equipment (Weihai) Co., Ltd
(11) AU-A-2022203207
(21) 2022203207 (22) 13.05.2022
(54) BALL JOINT TRACTOR
(51) Int. Cl.
B60D 1/06 (2006.01)
(31) 202111226275.3 (32) 21.10.21 (33) CN
(43) 11.05.2023
(72) LIU, Xinna; SUN, Zhuhua; DU, Xuxin; XU, Guang
(74) Remarkable IP
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- (71) BlackSeries Intelligent Equipment (Weihai) Co., Ltd
(11) AU-A-2022203385
(21) 2022203385 (22) 19.05.2022
(54) ELECTRIC SOFA FOR RECREATIONAL VEHICLE
(51) Int. Cl.
A47C 17/80 (2006.01)
B60N 2/34 (2006.01)
(31) 202111252174.3 (32) 27.10.21 (33) CN
(43) 11.05.2023
(72) LIU, Xinna; SUN, Zhuhua; WANG, Peng; XU, Guang
(74) Remarkable IP
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- (71) Bruin Biometrics LLC
(11) AU-A-2023202372
(21) 2023202372 (22) 18.04.2023
(54) Apparatus and methods for determining damaged tissue using sub-epidermal moisture measurements
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 5/05 (2021.01)
A61B 17/54 (2006.01)
A61B 18/14 (2006.01)
A61B 18/20 (2006.01)
A61N 1/30 (2006.01)
(43) 11.05.2023
(62) 2018289297
(72) BURNS, Martin; BARRINGTON, Sara; ROSS, Graham
(74) Spruson & Ferguson
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- (71) Bruin Biosciences, Inc.; The Regents of the University of California
(11) AU-A-2023202464
(21) 2023202464 (22) 21.04.2023
(54) Chemoembolization agents
(51) Int. Cl.
A61K 31/00 (2006.01)
A61K 47/00 (2006.01)
(43) 11.05.2023
(62) 2018273988
(72) NA, James; IMAGAWA, David; TUCCI, Fabio; BEATON, Graham; RAVULA, Satheesh
(74) Spruson & Ferguson

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 (11) AU-A-2023202347
 (21) 2023202347 (22) 17.04.2023
 (54) MONITORING HUMAN LOCATION, TRAJECTORY AND BEHAVIOR USING THERMAL DATA
 (51) Int. Cl.
G08B 13/19 (2006.01)
 (43) 11.05.2023
 (62) 2022275481
 (72) DENG, Honghao; ZHANG, Ziran; ZHANG, Yan; ZENG, Jiani
 (74) Michael Buck IP

(71) Carbon Technology Holdings, LLC
 (11) AU-A-2023202334
 (21) 2023202334 (22) 17.04.2023
 (54) Biogenic porous carbon silicon dioxide compositions and methods of making and using same
 (51) Int. Cl.
B01J 20/20 (2006.01)
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 (43) 11.05.2023
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 (72) MENNELL, James A.; DESPEN, Daniel J.; SLACK, Dustin
 (74) Spruson & Ferguson

(71) Castu Co., Ltd.
 (11) AU-A-2021443988
 (21) 2021443988 (22) 01.12.2021
 (54) Method for generating keyword for sound source
 (51) Int. Cl.
G06F 16/40 (2019.01)
 (31) 10-2021-0140754 (32) 21.10.21 (33) KR
 (43) 11.05.2023
 (72) JIN, Se Han
 (74) IP Guardian Pty Ltd

(71) CATERPILLAR INC.
 (11) AU-A-2022246396
 (21) 2022246396 (22) 05.10.2022
 (54) HYDRAULIC SYSTEMS FOR GRADING MACHINES
 (51) Int. Cl.
E02F 3/84 (2006.01)
E02F 9/22 (2006.01)
 (31) 17/509,978 (32) 25.10.21 (33) US
 (43) 11.05.2023
 (72) STOOPS, Ernest E.; HARSHMAN, Nathaniel K.; BLOOT, Jonathan M.
 (74) FPA Patent Attorneys Pty Ltd

(71) CFPH, LLC
 (11) AU-A-2023202376
 (21) 2023202376 (22) 18.04.2023
 (54) GAME WITH INTERIM BETTING
 (51) Int. Cl.
G06Q 99/00 (2006.01)
 (43) 11.05.2023
 (62) 2021200791
 (72) Amaitis, Lee; Burman, Kevin
 (74) Pizzseys Patent and Trade Mark Attorneys Pty Ltd

(71) Chance Line Industrial Co., Ltd.
 (11) AU-A-2022241487
 (21) 2022241487 (22) 27.09.2022
 (54) Textile for supporting human motor organs and supportive thermoprinting material
 (51) Int. Cl.
A41D 31/02 (2019.01)
A41B 9/12 (2006.01)
A41D 31/04 (2019.01)
A41D 31/14 (2019.01)
A41D 31/18 (2019.01)
A41D 31/24 (2019.01)
A41D 31/28 (2019.01)
 (31) 110139391 (32) 22.10.21 (33) TW
 (43) 11.05.2023
 (72) YAO, Ming-Hsien; SHIH, Po-Jen
 (74) LAMINAR IP PTY LTD

(71) Chenland Nutritionals, Inc.; Qingdao Chenland Health Industry Group Co., Ltd.
 (11) AU-A-2021335239
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 (54) Curcumin compound composition and method for preparing same
 (51) Int. Cl.
A61K 31/05 (2006.01)
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 (74) Remarkable IP

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 (11) AU-A-2023202421
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 (54) Method for using alkanolamine in a grinder
 (51) Int. Cl.
C04B 28/02 (2006.01)
C04B 7/52 (2006.01)
 (43) 11.05.2023
 (62) 2019356954
 (72) PELLERIN, Bruno; DUARTE AMARO CORREIA, Martinho
 (74) Davies Collison Cave Pty Ltd

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 (54) Rotablock Ice maker
 (51) Int. Cl.
F25C 1/10 (2006.01)
F25C 5/08 (2006.01)
F25D 19/00 (2006.01)
F25D 25/02 (2006.01)
 (31) 2018902663 (32) 24.07.18 (33) AU
 (43) 11.05.2023
 (72) Ryan, Tom
 (74) COLD CRAFT ENGINEERING PTY LTD

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 (51) Int. Cl.
A61F 5/04 (2006.01)
 (43) 11.05.2023
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 (74) Griffith Hack

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 (21) 2022252693 (22) 10.10.2022
 (54) BATTERY GUIDE PINS FOR A BATTERY RECEIVING SPACE OF A MATERIALS HANDLING VEHICLE, AND MATERIALS HANDLING VEHICLES INCORPORATING THE SAME
 (51) Int. Cl.
H01R 13/15 (2006.01)
B66F 9/065 (2006.01)
B66F 9/24 (2006.01)
H01M 50/244 (2021.01)
H01M 50/262 (2021.01)
H01R 11/28 (2006.01)
H01R 13/04 (2006.01)
H01R 13/42 (2006.01)
H01R 13/62 (2006.01)
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 (54) BRACKET
 (51) Int. Cl.
E04H 17/24 (2006.01)
E04H 17/16 (2006.01)
 (43) 11.05.2023
 (62) 2021202878
 (72) PUZEY, Adrian
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 (21) 2023202400

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 (11) AU-A-2023202541
 (21) 2023202541 (22) 27.04.2023
 (54) PROCESSING OF AUDIO SIGNALS DURING HIGH FREQUENCY RECONSTRUCTION
 (51) Int. Cl.
G10L 21/02 (2013.01)
G10L 21/038 (2013.01)

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 (72) Kjoerling, Kristofer
 (74) Chrysiliou IP
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 (21) 2023202547 (22) 27.04.2023
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 (51) Int. Cl.
 G10L 19/02 (2013.01)
 G10L 21/038 (2013.01)
 G10L 21/04 (2013.01)
 G10L 19/022 (2013.01)
 G10L 25/18 (2013.01)
- (43) 11.05.2023
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 (72) Villemoes, Lars
 (74) Chrysiliou IP
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 H04S 7/00 (2006.01)
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 (51) Int. Cl.
 B60H 1/00 (2006.01)
 B01D 46/00 (2022.01)
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 B60H 3/06 (2006.01)
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 A01N 63/60 (2020.01)
 A01N 63/00 (2020.01)
 A61K 31/713 (2006.01)
 C12N 15/113 (2010.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (51) Int. Cl.
 A42B 3/14 (2006.01)
 A42B 3/04 (2006.01)
 A42B 3/08 (2006.01)
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 (11) AU-A-2023202406
 (21) 2023202406 (22) 19.04.2023
 (54) A Method of Forming 3D Objects
 (51) Int. Cl.
 B33Y 10/00 (2015.01)
 B29C 64/10 (2017.01)
 B29C 64/141 (2017.01)
 B29C 64/205 (2017.01)
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 B33Y 50/02 (2015.01)
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 (74) Griffith Hack
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- (71) Epic Sciences, Inc.
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 (54) Single cell genomic profiling of circulating tumor cells (CTCs) in metastatic disease to characterize disease heterogeneity
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 C12Q 1/68 (2018.01)
 G01N 21/00 (2006.01)
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 (72) DITTAMORE, Ryan; MARRINUCCI, Dena
 (74) FB Rice Pty Ltd
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 (54) Wear part monitoring
 (51) Int. Cl.
 E02F 9/28 (2006.01)
 E02F 3/28 (2006.01)
 E02F 3/36 (2006.01)
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 G06Q 50/02 (2012.01)
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 (11) AU-A-2023202456
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 (54) Scaffolds for joining layers of tissue at discrete points
 (51) Int. Cl.
 A61L 27/34 (2006.01)
 A61F 2/00 (2006.01)
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 (51) Int. Cl.
 F41B 11/72 (2013.01)
 G06Q 50/28 (2012.01)
 G07C 9/28 (2020.01)
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 (51) Int. Cl.
 C12Q 1/68 (2018.01)
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 (54) Oligonucleotides for modulating Tau expression
 (51) Int. Cl.
C12N 15/113 (2010.01)
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 (51) Int. Cl.
A61M 16/16 (2006.01)
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 (72) Miller, Jeremy Livingston; D'Andrea, Dominique Richard
 (74) AJ PARK

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A61M 16/00 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2023202530
 (21) 2023202530 (22) 27.04.2023
 (54) A USER INTERFACE FOR SUPPLYING GASES TO AN AIRWAY
 (51) Int. Cl.
A61M 16/04 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Fresenius Kabi USA, LLC
 (11) AU-A-2022252836
 (21) 2022252836 (22) 14.10.2022
 (54) Pressure-assisted air elimination
 (51) Int. Cl.

A61M 5/38 (2006.01)
A61M 5/165 (2006.01)
B01D 19/00 (2006.01)
F04B 9/12 (2006.01)
F04B 43/06 (2006.01)
F04B 49/08 (2006.01)
 (31) 63/271,318 (32) 25.10.21 (33) US
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 (11) AU-A-2023202384
 (21) 2023202384 (22) 19.04.2023
 (54) Fixing device and image forming apparatus
 (51) Int. Cl.
G03G 15/20 (2006.01)
G03G 15/16 (2006.01)
G03G 15/24 (2006.01)
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 (62) 2019434978
 (72) YAMASHITA, Takayuki
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(71) Gen-Probe Incorporated
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 (21) 2023202333 (22) 17.04.2023
 (54) Methods and compositions for detecting Candida species
 (51) Int. Cl.
C12Q 1/68 (2018.01)
 (43) 11.05.2023
 (62) 2017205399
 (72) HUDSON, Angela S.; GETMAN, Damon K.; JIANG, Alice; EATON, Barbara L.
 (74) FB Rice Pty Ltd

(71) Gen-Probe Incorporated
 (11) AU-A-2023202348
 (21) 2023202348 (22) 17.04.2023
 (54) Red blood cell lysis solution
 (51) Int. Cl.
C12Q 1/68 (2018.01)
C12N 5/078 (2010.01)
G01N 33/483 (2006.01)
 (43) 11.05.2023
 (62) 2020223758
 (72) CHELLISERRY, Jijumon; GAO, Kui; LINNEN, Jeffrey M.
 (74) FB Rice Pty Ltd

(71) Gen-Probe Incorporated
 (11) AU-A-2023202451
 (21) 2023202451 (22) 21.04.2023
 (54) Compositions and methods for detecting group B Streptococcus nucleic acid
 (51) Int. Cl.
C12Q 1/689 (2018.01)

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 (62) 2019286648
 (72) EATON, Barbara L.; GROBARCZYK, Benjamin; OZOG, Yves; CLOSE, Renaud; FRANZIL, Laurent
 (74) FB Rice Pty Ltd

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 (11) AU-A-2023202340
 (21) 2023202340 (22) 17.04.2023
 (54) Methods and compositions for detecting Candida species
 (51) Int. Cl.
C12Q 1/68 (2018.01)
 (43) 11.05.2023
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 (72) HUDSON, Angela S.; GETMAN, Damon K.; JIANG, Alice; EATON, Barbara L.
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(71) Georgia State University Research Foundation
 (11) AU-A-2023202513
 (21) 2023202513 (22) 26.04.2023
 (54) ANTI-ANGIOGENIC AGENT AND METHOD OF USING SUCH AGENT
 (51) Int. Cl.
C07K 14/705 (2006.01)
A61K 38/17 (2006.01)
A61P 9/10 (2006.01)
A61P 27/00 (2006.01)
A61P 35/00 (2006.01)
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 (72) Yang, Jenny J.; Lu, Yin; Liu, Zhi-Ren
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 (11) AU-A-2023202067
 (21) 2023202067 (22) 04.04.2023
 (54) RADIOACTIVE GRANULAR DISPENSING DEVICE
 (51) Int. Cl.
G21F 9/28 (2006.01)
G21F 9/34 (2006.01)
G21F 9/36 (2006.01)
 (43) 11.05.2023
 (62) 2018236049
 (72) Moricca, Salvatore; Chung, Simon
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) GHD, Inc.
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 (54) COMBINED HYDROGEN FUEL CELL FOR VEHICLE FUELING, ELECTRIC VEHICLE FAST CHARGING AND FUEL CELL BACK-UP POWER FORECOURT
 (51) Int. Cl.
B60L 53/54 (2019.01)
B60L 53/50 (2019.01)
H01M 8/24 (2016.01)

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 (72) VOLK, James Joseph; WENCK, James M.; TAYLOR, Fred
 (74) Michael Buck IP

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 (11) AU-A-2023202506
 (21) 2023202506 (22) 26.04.2023
 (54) Pyrrolo [1,2,f] [1,2,4] triazines useful for treating respiratory syncytial virus infections
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/16 (2006.01)
A61K 31/706 (2006.01)
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 (62) 2021201554
 (72) Clarke, Michael O'Neil Hanrahan; Doerffler, Edward; Mackman, Richard L.; Siegel, Dustin
 (74) Davies Collison Cave Pty Ltd

(71) GI Scientific, LLC
 (11) AU-A-2023202515
 (21) 2023202515 (22) 26.04.2023
 (54) Conductive optical element
 (51) Int. Cl.
A61B 1/253 (2006.01)
G02B 1/116 (2015.01)
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 (72) MILLER, Scott; CARTER, Frank; MERCHANTANT, Adnan; GAUGER, Carl
 (74) GLMR

(71) Global Health Innovators Pty Ltd
 (11) AU-A-2023202532
 (21) 2023202532 (22) 27.04.2023
 (54) System and Method for Remote Provision of Healthcare
 (51) Int. Cl.
G06Q 50/22 (2018.01)
 (31) 17/747,873 (32) 18.05.22 (33) US
 (43) 11.05.2023
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 (72) Tse, Edmund Yee-Lai; Iyngkaran, Guruparan
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) Global Specimen Solutions, Inc.
 (11) AU-A-2023202381
 (21) 2023202381 (22) 19.04.2023
 (54) METHODS AND SYSTEMS FOR CLOUD-AND MOBILE DEVICE-BASED BIOLOGICAL INVENTORY TRACKING
 (51) Int. Cl.
G16H 30/20 (2018.01)
G06Q 10/087 (2023.01)
H04L 9/32 (2006.01)
H04L 67/06 (2022.01)
H04L 67/10 (2022.01)

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 (72) Wall Warner, Amelia; Collins, Mark Anthony
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Google LLC
 (11) AU-A-2023202031
 (21) 2023202031 (22) 03.04.2023
 (54) RANGE EXTENDER DEVICE
 (51) Int. Cl.
H04B 7/15 (2006.01)
H04L 5/00 (2006.01)
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 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC
 (11) AU-A-2023202257
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 (54) QUBIT CALIBRATION
 (51) Int. Cl.
G06N 10/40 (2022.01)
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 (72) Kelly, Julian Shaw; Vainsencher, Amit
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Google LLC
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 (54) AUTOMATED ASSISTANT SUGGESTIONS FOR THIRD-PARTY VEHICLE COMPUTING DEVICES WITH RESTRICTED ARCHITECTURE
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G06F 9/48 (2006.01)
G06F 3/16 (2006.01)
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 (72) KRISHNAN, Vinod; AGGARWAL, Vikram
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Gritstone bio, Inc.
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 (54) Alphavirus neoantigen vectors
 (51) Int. Cl.
C12N 15/86 (2006.01)
A61K 35/76 (2015.01)
A61K 39/12 (2006.01)
C07K 14/18 (2006.01)
C07K 14/705 (2006.01)

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 (62) 2018266705
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(71) GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
 (11) AU-A-2023202428
 (21) 2023202428 (22) 20.04.2023
 (54) Wireless communication method and device
 (51) Int. Cl.
H04W 72/04 (2023.01)
 (43) 11.05.2023
 (62) 2017418045
 (72) Zhang, Zhi
 (74) Davies Collison Cave Pty Ltd

(71) Hamm AG
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 (21) 2022256149 (22) 20.10.2022
 (54) Roller tool for a soil processing roller
 (51) Int. Cl.
E02D 3/026 (2006.01)
E01C 19/23 (2006.01)
 (31) 10 2021 127 443.5 (32) 22.10.21 (33) DE
 (43) 11.05.2023
 (72) Meier, Matthias; Rath, Günter; Malzer, Johannes; Bäuml, Stefan
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 (54) Roller tool for a soil processing roller
 (51) Int. Cl.
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E01C 19/23 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

(71) Hanton, R.
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 (54) Foldable landing net
 (51) Int. Cl.
A01K 77/00 (2006.01)
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 (72) HANTON, Russell
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(71) HemoCept Inc.
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 (54) SYSTEM AND METHOD OF ASSESSING INTRA-ARTERIAL FLUID VOLUME USING INTELLIGENT PULSE AVERAGING WITH INTEGRATED EKG AND PPG SENSORS

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A61B 5/021 (2006.01)
A61B 5/1455 (2006.01)
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(72) Raman, Eric; Peterson, Kevin; Hueton, Iain
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Heye International GmbH
(11) AU-A-2022252698
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(54) Method for operating an IS machine for producing glass containers
(51) Int. Cl.
C03B 9/41 (2006.01)
C03B 9/08 (2006.01)
C03B 9/36 (2006.01)
(31) 10 2021 127 832.5 (32) 26.10.21 (33) DE
(43) 11.05.2023
(72) SCHÖTTELNDREIER, Ralf; HARTMANN, Thomas; WINKELHAKE, Dirk
(74) WRAYS PTY LTD

(71) HOWMEDICA OSTEONICS CORP.
(11) AU-A-2022256159
(21) 2022256159 (22) 20.10.2022
(54) POROUS STRUCTURE PLACEMENT CONFIGURED FOR MANUFACTURING
(51) Int. Cl.
G06F 30/20 (2020.01)
A61B 6/00 (2006.01)
A61F 2/30 (2006.01)
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(72) JACONELLI, Anthony; McAULIFFE, Shane; KENNEALLY, Paddy
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(71) Hycroft Mining Holding Corporation
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(21) 2023202314 (22) 14.04.2023
(54) Alkaline oxidation methods and systems for recovery of metals from ores
(51) Int. Cl.
B01D 57/00 (2006.01)
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(72) BUFFINGTON, Randy
(74) Spruson & Ferguson

(71) iKamper Co., Ltd.
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(54) Rooftop tent
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B60P 3/34 (2006.01)
E04H 15/06 (2006.01)
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(72) PARK, Soon Gyu; HA, Seung Suk; SHIN, Wan Cheol
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A61M 39/28 (2006.01)
(31) 102021000027221 (32) 22.10.21 (33) IT
(43) 11.05.2023
(72) Guala, Gianni
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Inertech IP LLC
(11) AU-A-2023202362
(21) 2023202362 (22) 18.04.2023
(54) MODULAR AIR COOLING AND DISTRIBUTION SYSTEMS AND METHODS
(51) Int. Cl.
H05K 7/20 (2006.01)
(43) 11.05.2023
(62) 2018301734
(72) COSTAKIS, John; NGUYEN, Ken; ZHANG, Ming; SHAPIRO, Doron
(74) Michael Buck IP

(71) Intuit Inc.
(11) AU-A-2022203665
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G06F 17/18 (2006.01)
G06F 16/33 (2019.01)
G06F 40/30 (2020.01)
G06N 20/00 (2019.01)
G06Q 10/04 (2012.01)
G06Q 10/10 (2012.01)
(31) 17/508,853 (32) 22.10.21 (33) US
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(72) Giri, Neha; Kumari, Neha; Shanmugam, Elangovan
(74) Davies Collison Cave Pty Ltd

(71) Janssen Biotech, Inc.
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(54) Materials and methods for binding Siglec-3/CD33
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A61K 39/00 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C07K 14/725 (2006.01)
C07K 16/28 (2006.01)
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(72) DOONAN, Patrick John; GANESAN, Rajkumar; DEREBE, Mehabaw Getahun; VENKATARAMANI, Sathyadevi; SINGH, Sanjaya; GREWAL, Iqbal S.; WIEHAGEN, Karla R.
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(54) Contactless Smart Card

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(71) Juul Labs, Inc.
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(54) Nicotine salt formulations for aerosol devices and methods thereof
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A24F 47/00 (2020.01)
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(71) Kite Pharma, Inc.
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(54) Methods of administering chimeric antigen receptor immunotherapy
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/00 (2006.01)
(43) 11.05.2023
(62) 2021282551
(72) Wiezorek, Jeffrey S.
(74) FPA Patent Attorneys Pty Ltd

(71) Landers, W.
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(54) HEMP COMPOSITIONS AND METHODS OF MAKING THE SAME
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A23F 5/02 (2006.01)
A23F 5/18 (2006.01)
A23F 5/28 (2006.01)
A23L 2/08 (2006.01)
A23L 2/39 (2006.01)
A23L 2/52 (2006.01)
A23L 19/00 (2016.01)
A23L 33/105 (2016.01)
A61K 36/185 (2006.01)
A61K 36/74 (2006.01)
A61K 36/752 (2006.01)
A61K 36/9068 (2006.01)
A61P 1/00 (2006.01)
A61P 3/06 (2006.01)
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(72) Landers, William
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(71) Legochem Biosciences, Inc.; NovImmune, SA
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A61K 31/5517 (2006.01)
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C07K 16/28 (2006.01)
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(72) SONG, Ho Young; PARK, Yun Hee; KIM, Sung Min; KIM, Hyoung Rae; OH, Ji Hye; RYU, Hyun Min; CHAE, Jeiwook; OH, Yeong Soo; KIM, Yong Zu; DEEHAN, Maureen; FISCHER, Nicolas
(74) Pearce IP Pty Ltd

- (71) LG Electronics Inc.
(11) AU-A-2023201999
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(54) Clothing treatment apparatus and on-line system comprising same
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D06F 58/30 (2020.01)
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(74) FB Rice Pty Ltd

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(54) Ice maker and refrigerator having the same
(51) Int. Cl.
F25C 1/24 (2018.01)
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F25D 23/12 (2006.01)
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(54) Ice maker and refrigerator having the same
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- (71) Life Technologies Corporation
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(54) Instruments, devices and consumables for use in a workflow of a smart molecular analysis system

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B01L 3/00 (2006.01)
G01N 35/00 (2006.01)
G16H 10/40 (2018.01)
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- (71) LivePerson, Inc.
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(54) Dynamic communications routing to disparate endpoints
(51) Int. Cl.
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G06F 40/205 (2020.01)
G06N 20/00 (2019.01)
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(72) BRADLEY, Joe; GILCHREST, Alan; DEB, Bodhi
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(54) SUBMERSIBLE DRONE SYSTEM
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G05D 1/02 (2020.01)
B63G 8/00 (2006.01)
G08C 17/00 (2006.01)
B63G 8/28 (2006.01)
G01S 7/4865 (2020.01)
G01S 17/08 (2006.01)
G01S 19/13 (2010.01)
G01S 19/42 (2010.01)
G05D 1/06 (2006.01)
H04B 11/00 (2006.01)
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(72) Rowe, Sam; Mchugh, Aodh
(74) Mann IP

- (71) Magic Leap, Inc.
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(54) CURRENT DRAIN REDUCTION IN AR/VR DISPLAY SYSTEMS
(51) Int. Cl.
G09G 5/00 (2006.01)
(43) 11.05.2023
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(72) Mor, Tal
(74) Davies Collison Cave Pty Ltd

- (71) Manuka Health New Zealand Limited
(11) AU-A-2023202398
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(54) PROPOLIS AND EXTRACTS THEREOF FOR THE TREATMENT OF SKIN

CANCERS AND IMPROVEMENT OF SKIN HEALTH

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A61K 31/216 (2006.01)
A61K 31/353 (2006.01)
A61K 35/644 (2015.01)
A61K 47/40 (2006.01)
A61P 35/00 (2006.01)
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(72) Suddes, Amanda Jan; Catchpole, Owen John
(74) AJ PARK
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(54) BINDING MACHINE
(51) Int. Cl.
E04G 21/12 (2006.01)
B25B 25/00 (2006.01)
B65B 13/08 (2006.01)
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(72) TASHIMA, Nobutaka; MIZUKAMI, Hikaru
(74) AJ PARK

- (71) MEDERIS DIABETES, LLC
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(21) 2023200659 (22) 08.02.2023
(54) IMPROVED PEPTIDE PHARMACEUTICALS FOR INSULIN RESISTANCE
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/26 (2006.01)
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(72) NESTOR, John J.
(74) AJ PARK

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(21) 2022201128 (22) 21.02.2022
(54) Easy-Grab
(51) Int. Cl.
A47J 43/28 (2006.01)
A01B 1/18 (2006.01)
A47G 21/10 (2006.01)
B25B 9/02 (2006.01)
(31) 2021903423 (32) 26.10.21 (33) AU
(43) 11.05.2023
(72) Khosromanesh, Mohsen
(74) Zouki Lawyers

- (71) MFTB Holdco, Inc.
(11) AU-A-2022252855
(21) 2022252855 (22) 16.10.2022
(54) Automated analysis of visual data of images to determine the images' acquisition locations on building floor plans
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G01C 21/20 (2006.01)
G06T 17/00 (2006.01)

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- (74) Davies Collison Cave Pty Ltd
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- (71) Montrae Mining Pty Ltd
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- (54) LOCKING APPARATUS FOR DRILLING RIG COMPONENTS
- (51) Int. Cl.
E21B 17/043 (2006.01)
E21B 17/03 (2006.01)
- (31) 2021903390 (32) 22.10.21 (33) AU
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- (72) Hocking, Monte
- (74) Murray Trento & Associates Pty Ltd
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- (71) MuPharma Pty Ltd
(11) AU-A-2023202518
(21) 2023202518 (22) 26.04.2023
- (54) Non-invasive agent applicator
- (51) Int. Cl.
A61M 37/00 (2006.01)
A61N 1/30 (2006.01)
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- (62) 2021205134
- (72) UNGER, Harry; LANGELIER, Sean Michael; UNGER, Mark
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- (71) MURPHY, N.
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(21) 2022259712 (22) 24.10.2022
- (54) Method of Levelling Volumetric Building Modules
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E02D 35/00 (2006.01)
E04B 1/348 (2006.01)
E04B 1/35 (2006.01)
- (31) 2021903425 (32) 26.10.21 (33) AU
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- (72) MURPHY, Nicholas
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C07K 16/18 (2006.01)
- (31) 202111263981.5 (32) 27.10.21 (33) CN
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- (72) XU, Hanmei
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- (71) Nexans
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- (54) DRIVE ARRANGEMENT OF MALTESE CROSS TYPE AND SOLAR TRACKER HAVING SUCH AN ARRANGEMENT
- (51) Int. Cl.
F24S 30/425 (2018.01)
F24S 25/12 (2018.01)
H02S 20/32 (2014.01)
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- (74) Halfords IP
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- (71) Nokia Technologies Oy
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- (54) Uplink control information
- (51) Int. Cl.
H04L 1/00 (2006.01)
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- (72) TOSATO, Filippo; MASO, Marco; NHAN, Nhat-Quang; LIU, Hao
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- (71) Novartis AG; The Trustees of the University of Pennsylvania
(11) AU-A-2023200884
(21) 2023200884 (22) 16.02.2023
- (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)
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- (72) Beatty, Gregory; Engels, Boris; Idamakanti, Neeraja; June, Carl H.; Loew, Andreas; Song, Huijuan; Wu, Qilong
- (74) Davies Collison Cave Pty Ltd
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- (54) Novel depsiptide and uses thereof
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C07K 11/02 (2006.01)
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- (72) PEOPLES, Aaron J.; HUGHES, Dallas; LING, Losee Lucy; MILLETT, William; NITTI, Anthony; SPOERING, Amy; STEADMAN, Victoria Alexandra; CHIVA, Jean-Yves Christophe; LAZARIDES, Linos; JONES, Michael Kenyon;
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(11) AU-A-2023202336
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- (54) Intraocular pseudophakic contact lenses and related systems and methods
- (51) Int. Cl.
A61F 2/16 (2006.01)
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- (72) Cady, Kevin J.
- (74) FPA Patent Attorneys Pty Ltd
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- (71) NuVasive, Inc.
(11) AU-A-2023202453
(21) 2023202453 (22) 21.04.2023
- (54) SURGICAL SPINAL CORRECTION
- (51) Int. Cl.
A61B 17/70 (2006.01)
A61B 17/58 (2006.01)
A61B 17/88 (2006.01)
- (43) 11.05.2023
- (62) 2021203958
- (72) Scholl, Thomas; Peterson, Mark; Isaacs, Robert
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- (71) Ohuku LLC
(11) AU-A-2023202290
(21) 2023202290 (22) 13.04.2023
- (54) Method and system for simulating, predicting, interpreting, comparing, or visualizing complex data
- (51) Int. Cl.
G06Q 30/02 (2023.01)
G08B 21/18 (2006.01)
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- (72) STOKES, Alexander J.
- (74) FB Rice Pty Ltd
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- (54) SYSTEMS AND METHODS FOR STORING ELECTRICAL ENERGY
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H01G 4/06 (2006.01)
H01G 4/30 (2006.01)
H01G 11/36 (2013.01)
- (43) 11.05.2023
- (62) 2018244601
- (72) Kleidon, William
- (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (54) STENT
 (51) Int. Cl.
A61F 2/04 (2013.01)
 (31) 10 2021 127 510.5 (32) 22.10.21 (33) DE
 (43) 11.05.2023
 (72) Wille, Thomas; Wack, Thilo; Schmidt, Fabian; Zipse, Achim
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 (54) STENT
 (51) Int. Cl.
A61F 2/04 (2013.01)
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 (11) AU-A-2022256226
 (21) 2022256226 (22) 21.10.2022
 (54) Bone Anchored Hearing Implant Device, Hearing Device System and Signal Processing Method
 (51) Int. Cl.
H04R 25/00 (2006.01)
A61F 11/04 (2006.01)
H01Q 1/22 (2006.01)
H04R 1/10 (2006.01)
 (31) 21204113.1 (32) 22.10.21 (33) EP
 (43) 11.05.2023
 (72) BERBOUCHI, Taoufik; VAIARELLO, Yannick
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(71) Pair Eyewear, Inc.
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 (21) 2022201446 (22) 02.03.2022
 (54) Eyeglass with removably attachable top
 (51) Int. Cl.
G02C 11/02 (2006.01)
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 (74) Davies Collision Cave Pty Ltd

(71) Pfizer Inc.
 (11) AU-A-2023202234
 (21) 2023202234 (22) 12.04.2023
 (54) Antibodies specific for GUCY2c and uses thereof
 (51) Int. Cl.
A61P 35/00 (2006.01)
C07K 16/00 (2006.01)
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(71) Polster, L.S.
 (11) AU-A-2023202365
 (21) 2023202365 (22) 18.04.2023
 (54) METHODS AND SYSTEMS FOR HEAT TREATING A FOOD PRODUCT
 (51) Int. Cl.
H05B 1/02 (2006.01)
A23L 13/70 (2023.01)
H05B 6/12 (2006.01)
 (43) 11.05.2023
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 (72) Polster, Louis S.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) President and Fellows of Harvard College
 (11) AU-A-2023202363
 (21) 2023202363 (22) 18.04.2023
 (54) Multiplex RNA-guided genome engineering
 (51) Int. Cl.
C12N 15/63 (2006.01)
C12N 15/09 (2006.01)
C12N 15/10 (2006.01)
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 (62) 2021200288
 (72) Church, George M.; Dicarlo, James
 (74) Davies Collision Cave Pty Ltd

Qingdao Chenland Health Industry Group Co., Ltd. see Chenland Nutritionals, Inc.
 (21) 2021335239

(71) Qualcomm Incorporated
 (11) AU-A-2023202344
 (21) 2023202344 (22) 17.04.2023
 (54) POSITION DEPENDENT INTRA PREDICTION COMBINATION EXTENDED WITH ANGULAR MODES
 (51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/11 (2014.01)
 (43) 11.05.2023
 (62) 2019249440
 (72) VAN DER AUWERA, Geert; SEREGIN, Vadim; SAID, Amir; KARCZEWICZ, Marta
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated
 (11) AU-A-2023202430
 (21) 2023202430 (22) 20.04.2023
 (54) FACILITATING QUALITY OF SERVICE FLOW REMAPPING UTILIZING A SERVICE DATA ADAPTATION PROTOCOL LAYER
 (51) Int. Cl.
H04W 28/02 (2009.01)
 (43) 11.05.2023
 (62) 2019252287
 (72) LIU, Feilu; YU, Yu-Ting; MUDIREDDY, Srinivas Reddy; CHIN, Tom; ZHAO, Suli; GHOLMIEH, Aziz; CHEN, Xing; OZTURK, Ozcan; MEYLAN, Arnaud
 (74) Madderns Pty Ltd

(71) Qualcomm Incorporated
 (11) AU-A-2023202462
 (21) 2023202462 (22) 21.04.2023
 (54) MULTI-SLOT SCHEDULING WITH REPETITIVE TRANSMISSION OF A TRANSPORT BLOCK WITH DIFFERENT REDUNDANCY VERSIONS
 (51) Int. Cl.
H04L 1/18 (2023.01)
 (43) 11.05.2023
 (62) 2018367474
 (72) NAM, Wooseok; LUO, Tao; LEE, Heechoon; GAAL, Peter; CHEN, Wanshi; SORIAGA, Joseph Binamira; ANG, Peter Pui Lok; SARKIS, Gabi
 (74) Madderns Pty Ltd

(71) Rearden, LLC
 (11) AU-A-2023202310
 (21) 2023202310 (22) 14.04.2023
 (54) SYSTEM AND METHOD FOR DISTRIBUTED INPUT DISTRIBUTED OUTPUT WIRELESS COMMUNICATIONS
 (51) Int. Cl.
H04B 7/04 (2017.01)
H04B 7/06 (2006.01)
H04L 25/03 (2006.01)
H04L 27/00 (2006.01)
H04L 1/00 (2006.01)
H04L 25/02 (2006.01)
 (43) 11.05.2023
 (62) 2022275407
 (72) Forenza, Antonio; Perlman, Stephen G.; Van Der Laan, Roger; Speck, John; Heath Jr., Robert W.
 (74) Ellis Terry

(71) ROBERT ALLAN LTD
 (11) AU-A-2023202325
 (21) 2023202325 (22) 17.04.2023
 (54) SYSTEM AND METHOD FOR TUG-BOAT LINE TRANSFER
 (51) Int. Cl.
B63B 27/30 (2006.01)
B63B 21/56 (2006.01)
B63B 35/68 (2006.01)
 (31) 63/349,938 (32) 07.06.22 (33) US
 (43) 11.05.2023
 (72) SHIVES, Michael; DEN HERTOG, Vincent; LISAGOR, Oscar; HASS, Darren
 (74) AJ Pietras IP Limited

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(71) Rovi Guides, Inc.
 (11) AU-A-2023202388
 (21) 2023202388 (22) 19.04.2023
 (54) Methods and systems for managing content subscription data
 (51) Int. Cl.
 H04L 9/40 (2022.01)
 G06F 21/10 (2013.01)
 H04N 21/00 (2011.01)
 (43) 11.05.2023
 (62) 2021202157
 (72) THOMAS, William L.; KLAPPERT, Walter R.
 (74) Spruson & Ferguson

(71) Royal Bank of Canada
 (11) AU-A-2023202352
 (21) 2023202352 (22) 17.04.2023
 (54) Systems, methods, and devices for secure generation and processing of data sets representing pre-funded payments
 (51) Int. Cl.
 G06Q 20/38 (2012.01)
 G06Q 20/28 (2012.01)
 G06Q 20/40 (2012.01)
 (43) 11.05.2023
 (62) 2017231106
 (72) ORTIZ, Edison U.; LEE, Terry W.; PAVLOVIC, Marko; BADAL-BADALIAN, Arnold
 (74) FB Rice Pty Ltd

(71) Sackstein, R.
 (11) AU-A-2023202338
 (21) 2023202338 (22) 17.04.2023
 (54) Glycoengineering of E-selectin ligands
 (51) Int. Cl.
 A61K 35/12 (2015.01)
 C12N 5/077 (2010.01)
 C12N 5/078 (2010.01)
 C12N 5/0784 (2010.01)
 C12N 5/0797 (2010.01)
 (43) 11.05.2023
 (62) 2017268475
 (72) Sackstein, Robert
 (74) FB Rice Pty Ltd

(71) SAGE PRODUCTS, LLC
 (11) AU-A-2023202391
 (21) 2023202391 (22) 19.04.2023
 (54) Oral care system and packaging
 (51) Int. Cl.
 A46B 11/00 (2006.01)
 A45D 44/18 (2006.01)
 A46B 15/00 (2006.01)
 A47K 5/18 (2006.01)
 (43) 11.05.2023
 (62) 2019391124
 (72) FOWLER, Paul M.; CAGLE, Ronald C.; SEBASTIAN, Theresa L.; RAPINCHUK, Timothy J.; BOULOS, Catherine S.; PATEL, Abhi R.
 (74) FB Rice Pty Ltd

(71) Sanford Burnham Prebys Medical Discovery Institute; Pfizer Inc.
 (11) AU-A-2023202302
 (21) 2023202302 (22) 14.04.2023
 (54) BTLA fusion protein agonists and uses thereof
 (51) Int. Cl.
 C07K 14/705 (2006.01)
 A61K 38/17 (2006.01)
 A61K 45/06 (2006.01)
 (43) 11.05.2023
 (62) 2021203768
 (72) Ware, Carl F.; Sedy, John; Aivazian, Tigran; Miller, Brian; Crellin, Natasha K.
 (74) FB Rice Pty Ltd

(71) Schock GmbH
 (11) AU-A-2022252853
 (21) 2022252853 (22) 15.10.2022
 (54) Process for producing a particulate recycle from quartz composite
 (51) Int. Cl.
 B29B 17/04 (2006.01)
 B02C 13/00 (2006.01)
 B02C 23/12 (2006.01)
 B02C 23/14 (2006.01)
 C04B 18/04 (2006.01)
 (31) 102021127484.2 (32) 22.10.21 (33) DE
 (43) 11.05.2023
 (72) ORENDORZ, Adam; RÖSENER, Thomas; SPERBERG, Raphael
 (74) Davies Collison Cave Pty Ltd

SHAABAN, A.F. see THANDRA, V.
 (21) 2023202368

(71) Shandong Tongyuan Digital Technology Co., Ltd.
 (11) AU-A-2021290248
 (21) 2021290248 (22) 30.11.2021
 (54) System for intelligent work order based on graphical strategy programming engine and working method thereof
 (51) Int. Cl.
 G06Q 10/06 (2012.01)
 (31) 2021112479252 (32) 26.10.21 (33) CN
 (43) 11.05.2023
 (72) LIU, Pengfei; HE, Xiao; QU, Zhigang
 (74) Collison & Co

(71) Sheltered Wings, Inc. d/b/a Vortex Optics
 (11) AU-A-2023202468
 (21) 2023202468 (22) 22.04.2023
 (54) Dual focal plane reticles for optical sighting devices
 (51) Int. Cl.
 F41G 1/34 (2006.01)
 F41G 1/38 (2006.01)
 (43) 11.05.2023
 (62) 2021203349
 (72) HAMILTON, David M.; HAMILTON, Samuel J.
 (74) Spruson & Ferguson

(71) Shenzhen Yitao Intelligent Industrial Co., Ltd
 (11) AU-A-2022200236
 (21) 2022200236 (22) 14.01.2022
 (54) STERILIZATION MODULE AND AIR PURIFIER
 (51) Int. Cl.
 F24F 8/22 (2021.01)
 A61L 9/20 (2006.01)
 (31) 2021225483001 (32) 21.10.21 (33) CN
 (43) 11.05.2023
 (72) Zhuang, Junhuang; Wang, Shujie; Zheng, Zhihong
 (74) Madderns Pty Ltd

(71) Shionogi & Co., Ltd.
 (11) AU-A-2023202350
 (21) 2023202350 (22) 17.04.2023
 (54) Substituted polycyclic pyridone derivative and pharmaceutical composition containing prodrug thereof
 (51) Int. Cl.
 A61K 31/5383 (2006.01)
 A61P 31/12 (2006.01)
 A61P 31/16 (2006.01)
 A61P 43/00 (2006.01)
 (43) 11.05.2023
 (62) 2017310774
 (72) Kawai, Makoto
 (74) Davies Collison Cave Pty Ltd

(71) Slyp Pty Ltd
 (11) AU-A-2023202426
 (21) 2023202426 (22) 20.04.2023
 (54) A system for digital receipts enrolment and issuance
 (51) Int. Cl.
 G06Q 30/00 (2023.01)
 G06F 17/00 (2019.01)
 G06F 21/31 (2013.01)
 G06F 21/64 (2013.01)
 G06Q 20/20 (2012.01)
 G06Q 30/06 (2023.01)
 (43) 11.05.2023
 (62) 2018282346
 (72) Weingarh, Paul; Rokos, Spiro; Scully-Power, Paul
 (74) Minter Ellison

(71) Smardt Chiller Group Inc.
 (11) AU-A-2023202438
 (21) 2023202438 (22) 20.04.2023
 (54) Direct current chiller method and system
 (51) Int. Cl.
 H02J 1/00 (2006.01)
 F24F 13/00 (2006.01)
 F25B 1/00 (2006.01)
 H02J 1/12 (2006.01)
 H02J 3/38 (2006.01)
 H02J 15/00 (2006.01)
 (43) 11.05.2023
 (62) 2020208859
 (72) CANINO, Vincent; TUTWILER, Gregory; SWAN, Peter; JOHNSON, Scott RICHMOND-SMITH
 (74) Spruson & Ferguson

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(71) Snap Inc.
 (11) AU-A-2023202397
 (21) 2023202397 (22) 19.04.2023
 (54) Interactive media system and method
 (51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/0346 (2013.01)
H04N 21/482 (2011.01)
H04N 21/60 (2011.01)
H04N 21/637 (2011.01)
 (43) 11.05.2023
 (62) 2021261875
 (72) Thomas-Brigden, Benjamin; Morlak, Bjoern
 (74) FB Rice Pty Ltd

(71) Snap-on Incorporated
 (11) AU-A-2023202331
 (21) 2023202331 (22) 17.04.2023
 (54) Insert for a power tool housing
 (51) Int. Cl.
B25F 5/02 (2006.01)
B25B 19/00 (2006.01)
B25B 27/14 (2006.01)
B25F 1/02 (2006.01)
 (43) 11.05.2023
 (62) 2021203215
 (72) BOTHMANN, Richard; KING, Brian C.; KINSLEY, Ray
 (74) Griffith Hack

(71) SNIPR Technologies Limited
 (11) AU-A-2023202066
 (21) 2023202066 (22) 04.04.2023
 (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) 11.05.2023
 (62) 2022202944
 (72) CLUBE, Jasper; SOMMER, Morten; GRØNDAHL, Christian; VAN DER HELM, Eric; VAZQUEZ-URIBE, Ruben
 (74) Griffith Hack

(71) South East Water Corporation
 (11) AU-A-2023202427
 (21) 2023202427 (22) 20.04.2023
 (54) Systems and computer implemented methods for monitoring an activity at one or more facilities
 (51) Int. Cl.
G06Q 50/00 (2012.01)
 (43) 11.05.2023
 (62) 2021202604
 (72) Mofardin, Eddy; Butler, Luke; Pucovski, Claire; Blinman, Adrian
 (74) Davies Collison Cave Pty Ltd

(71) Steelcase Inc.
 (11) AU-A-2023202300
 (21) 2023202300 (22) 14.04.2023
 (54) Seating arrangement
 (51) Int. Cl.

A47C 3/00 (2006.01)
A47C 3/025 (2006.01)
 (43) 11.05.2023
 (62) 2021204268
 (72) Ludwig, James Nolan; Deevers, Nick-olaus William Charles; Heidmann, Kurt; Smith, Bruce Michael; Spoelhof, Mark William
 (74) FB Rice Pty Ltd

(71) Stemgenics, Inc.
 (11) AU-A-2023202459
 (21) 2023202459 (22) 21.04.2023
 (54) DIRECT REPROGRAMMING OF A HUMAN SOMATIC CELL TO A SELECTED (PREDETERMINED) DIFFERENTIATED CELL WITH FUNCTIONALIZED NANOPARTICLES
 (51) Int. Cl.
A61K 31/7052 (2006.01)
A61K 31/7105 (2006.01)
A61K 38/02 (2006.01)
A61K 47/55 (2017.01)
A61K 47/66 (2017.01)
 (43) 11.05.2023
 (62) 2017274665
 (72) Aprikyan, Andranik Andrew
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Teclison Limited
 (11) AU-A-2023202294
 (21) 2023202294 (22) 13.04.2023
 (54) Compositions and methods for immune-mediated cancer therapy
 (51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/135 (2006.01)
A61K 31/53 (2006.01)
A61K 35/17 (2015.01)
C07K 16/28 (2006.01)
 (43) 11.05.2023
 (62) 2016342039
 (72) Lee, Ruey-min
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Tencent America LLC
 (11) AU-A-2023202301
 (21) 2023202301 (22) 14.04.2023
 (54) MERGE LIST CONSTRUCTION IN TRIANGULAR PREDICTION
 (51) Int. Cl.
H04N 19/105 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)
 (43) 11.05.2023
 (62) 2020238850
 (72) Li, Xiang; Li, Guichun; Xu, Xiaozhong; Liu, Shan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC
 (11) AU-A-2023202396
 (21) 2023202396 (22) 19.04.2023
 (54) METHOD AND APPARATUS FOR VIDEO CODING
 (51) Int. Cl.

H04N 19/70 (2014.01)
H04N 19/136 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
 (43) 11.05.2023
 (62) 2020274313
 (72) Ye, Jing; Li, Xiang; Liu, Shan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC
 (11) AU-A-2023202413
 (21) 2023202413 (22) 19.04.2023
 (54) Signaling of inter layer prediction in video bitstream
 (51) Int. Cl.
H04N 19/39 (2014.01)
H04N 19/105 (2014.01)
H04N 19/33 (2014.01)
H04N 19/507 (2014.01)
H04N 19/70 (2014.01)
 (43) 11.05.2023
 (62) 2020351200
 (72) CHOI, Byeongdo; WENGER, Stephan; LIU, Shan
 (74) Griffith Hack

(71) Tencent America LLC
 (11) AU-A-2023202525
 (21) 2023202525 (22) 26.04.2023
 (54) CODING TREE UNIT SIZE SIGNALING
 (51) Int. Cl.
H04N 19/61 (2014.01)
 (43) 11.05.2023
 (62) 2020352930
 (72) Du, Yixin; Choi, Byeongdo; Li, Xiang; Zhao, Xin; Wenger, Stephan; Liu, Shan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC
 (11) AU-A-2023202526
 (21) 2023202526 (22) 26.04.2023
 (54) METHOD AND APPARATUS FOR VIDEO CODING
 (51) Int. Cl.
H04N 19/122 (2014.01)
H04N 19/159 (2014.01)
H04N 19/176 (2014.01)
H04N 19/196 (2014.01)
H04N 19/593 (2014.01)
H04N 19/61 (2014.01)
H04N 19/70 (2014.01)
 (43) 11.05.2023
 (62) 2020292182
 (72) Liu, Shan; Zhao, Xin; Li, Xiang
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC
 (11) AU-A-2023202527
 (21) 2023202527 (22) 26.04.2023
 (54) METHOD FOR WRAP AROUND MOTION COMPENSATION WITH REFERENCE PICTURE RESAMPLING
 (51) Int. Cl.
H04N 13/00 (2018.01)
H04N 19/44 (2014.01)
H04N 19/583 (2014.01)

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(43) 11.05.2023
 (62) 2020418431
 (72) Choi, Byeongdo; Wenger, Stephan; Liu, Shan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) THANDRA, V.; SHAABAN, A.F.
 (11) AU-A-2023202368
 (21) 2023202368 (22) 18.04.2023
 (54) IMPROVED SYSTEM AND METHOD FOR BILLING
 (51) Int. Cl.
 G06Q 10/06 (2023.01)
 G06F 17/40 (2006.01)
 G06Q 30/06 (2023.01)
 (43) 11.05.2023
 (62) 2021201566
 (72) SHAABAN, Ahmed Farouk; THANDRA, Venkat
 (74) Murray Trento & Associates Pty Ltd

(71) The Boeing Company
 (11) AU-A-2022215293
 (21) 2022215293 (22) 12.08.2022
 (54) Ball screw rotary actuator with ball cage
 (51) Int. Cl.
 B64C 13/28 (2006.01)
 B64C 13/36 (2006.01)
 F16H 25/22 (2006.01)
 F16H 25/24 (2006.01)
 (31) 17/491,720 (32) 21.10.21 (33) US
 (43) 11.05.2023
 (72) MELLOR, Mitchell Loren Ray
 (74) Spruson & Ferguson

(71) The Chinese University of Hong Kong
 (11) AU-A-2023202318
 (21) 2023202318 (22) 14.04.2023
 (54) Enhancement of cancer screening using cell-free viral nucleic acids
 (51) Int. Cl.
 C12Q 1/68 (2018.01)
 (43) 11.05.2023
 (62) 2018305609
 (72) LO, Yuk-Ming Dennis; CHIU, Rossa Wai Kwun; CHAN, Kwan Chee; JIANG, Peiyong; LAM, Wai Kei
 (74) Griffith Hack

(71) The Heil Co.
 (11) AU-A-2023202339
 (21) 2023202339 (22) 17.04.2023
 (54) Grabber for a front loader refuse vehicle
 (51) Int. Cl.
 B65F 3/04 (2006.01)
 B65F 3/08 (2006.01)
 (43) 11.05.2023
 (62) 2017203733
 (72) Hund Jr., Henry Michael
 (74) Davies Collison Cave Pty Ltd

The Regents of the University of California see Bruin Biosciences, Inc.
 (21) 2023202464

(71) The Regents of The University of California
 (11) AU-A-2023202195
 (21) 2023202195 (22) 11.04.2023
 (54) Methods of generating T-cells from stem cells and immunotherapeutic methods using the T-cells
 (51) Int. Cl.
 C12N 5/0783 (2010.01)
 A61K 35/17 (2015.01)
 C07K 14/725 (2006.01)
 C07K 16/00 (2006.01)
 C12N 5/00 (2006.01)
 (43) 11.05.2023
 (62) 2016343682
 (72) Crooks, Gay M.; Montel-Hagen, Amelie; Seet, Christopher S.
 (74) FB Rice Pty Ltd

The Trustees of the University of Pennsylvania see Novartis AG
 (21) 2023200884

(71) Tongwei Solar (Meishan) Co., Ltd.
 (11) AU-A-2022331906
 (21) 2022331906 (22) 26.07.2022
 (54) TOPCon cell, method for manufacturing the same, and electrical device
 (51) Int. Cl.
 H01L 31/02 (2006.01)
 (31) 202111248983.7 (32) 26.10.21 (33) CN
 (43) 11.05.2023
 (72) XU, Wenzhou; CHEN, Hao; DENG, Mingzhang; HE, Yu; ZHOU, Fan; XING, Guoqiang; YAO, Qian
 (74) James & Wells Intellectual Property

(71) Toshiba Energy Systems & Solutions Corporation
 (11) AU-A-2022206712
 (21) 2022206712 (22) 19.07.2022
 (54) Material deterioration evaluation device and material deterioration evaluation method
 (51) Int. Cl.
 G05B 19/404 (2006.01)
 G01M 5/00 (2006.01)
 G01M 13/00 (2019.01)
 G01N 25/72 (2006.01)
 G05B 19/401 (2006.01)
 G06Q 10/00 (2012.01)
 (31) 2021-174758 (32) 26.10.21 (33) JP
 (43) 11.05.2023
 (72) SHITAKA, Tetsuya; SUZUKI, Yusuke; TAKAKI, Keisuke; NINOMIYA, Yoshikazu; TAKEUCHI, Tsukasa; KAWAI, Yasuteru
 (74) Davies Collison Cave Pty Ltd

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022228114
 (21) 2022228114 (22) 07.09.2022
 (54) METHODS AND SYSTEMS FOR DIAGNOSING ENGINE CYLINDERS
 (51) Int. Cl.
 F02D 29/06 (2006.01)
 B60K 6/46 (2007.10)

B60W 20/50 (2016.01)
F02D 41/14 (2006.01)
F02D 41/22 (2006.01)
 (31) 17/452,209 (32) 25.10.21 (33) US
 (43) 11.05.2023
 (72) Kumar, Prashant; Schroeck, David
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022231799
 (21) 2022231799 (22) 19.09.2022
 (54) SYSTEM AND METHOD FOR IDENTIFYING CANDIDATE VEHICLE SYSTEMS
 (51) Int. Cl.
 G07C 5/08 (2006.01)
 B61L 15/00 (2006.01)
 B61L 25/04 (2006.01)
 (31) 17/506,880 (32) 21.10.21 (33) US
 (43) 11.05.2023
 (72) Das, Sumit; Subbaraj, Padmaprabha
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022256112
 (21) 2022256112 (22) 19.10.2022
 (54) VEHICLE SYSTEM WITH SECOND POWER SOURCE
 (51) Int. Cl.
 B61C 17/12 (2006.01)
 B61L 15/00 (2006.01)
 (31) 17/507,681 (32) 21.10.21 (33) US
 (43) 11.05.2023
 (72) Haas, Carl L.
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Transportation IP Holdings, LLC
 (11) AU-A-2022256113
 (21) 2022256113 (22) 19.10.2022
 (54) COMMUNICATION DEVICE FOR DETECTING MESSAGES BASED ON SIGNAL STRENGTH
 (51) Int. Cl.
 H04B 17/20 (2015.01)
 H04B 1/74 (2006.01)
 H04W 24/02 (2009.01)
 (31) 17/510,823 (32) 26.10.21 (33) US
 (43) 11.05.2023
 (72) Haas, Carl L.; Swar, Padam; Kurz, Brian; Klemanski, Richard S.; Cowan, James; McGee, Daniel
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Trans Tank International Pty Ltd
 (11) AU-A-2023202533
 (21) 2023202533 (22) 27.04.2023
 (54) Fluid baffle for a tank
 (51) Int. Cl.
 B65D 90/52 (2006.01)
 B60K 15/03 (2006.01)
 B60P 3/22 (2006.01)
 (43) 11.05.2023
 (62) 2019265221
 (72) BERRY, Andrew Mark; BUCHNER, Andrew Stephen
 (74) FB Rice Pty Ltd

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- (71) Typhon Treatment Systems Limited
 (11) AU-A-2023202542
 (21) 2023202542 (22) 27.04.2023
 (54) A method, system and apparatus for treatment of fluids
 (51) Int. Cl.
 C02F 1/32 (2023.01)
 A61L 2/10 (2006.01)
 C02F 1/72 (2023.01)
 C02F 1/76 (2023.01)
 C02F 1/78 (2023.01)
 (43) 11.05.2023
 (62) 2021203061
 (72) MCNULTY, Peter
 (74) Davies Collison Cave Pty Ltd
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- (71) Vanderbilt University
 (11) AU-A-2023202435
 (21) 2023202435 (22) 20.04.2023
 (54) Systems and methods for treating sleep disordered breathing
 (51) Int. Cl.
 A61N 1/36 (2006.01)
 A61F 5/56 (2006.01)
 A61N 1/00 (2006.01)
 A61N 1/04 (2006.01)
 A61N 1/32 (2006.01)
 (43) 11.05.2023
 (62) 2020233880
 (72) KENT, David
 (74) ACROGON GROUP PTY LTD
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- (71) ViaCyte, Inc.
 (11) AU-A-2023202507
 (21) 2023202507 (22) 26.04.2023
 (54) CELL COMPOSITIONS DERIVED FROM DEDIFFERENTIATED REPROGRAMMED CELLS
 (51) Int. Cl.
 C12N 5/00 (2006.01)
 C12N 5/071 (2010.01)
 (43) 11.05.2023
 (62) 2022200075
 (72) Agulnick, Alan D.; Kelly, Olivia; Oh, Yuki; Robins, Allan J.; Schulz, Thomas
 (74) RnB IP Pty Ltd
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- (71) Vidovic, S.
 (11) AU-A-2022256178
 (21) 2022256178 (22) 20.10.2022
 (54) Motorized cabinet door
 (51) Int. Cl.
 E05F 15/665 (2015.01)
 E05F 15/48 (2015.01)
 E06B 9/70 (2006.01)
 (31) 2021903426 (32) 26.10.21 (33) AU
 (43) 11.05.2023
 (72) HODGES, John Charles; WHITE, Timothy Mark
 (74) Spruson & Ferguson
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- (71) View, Inc.
 (11) AU-A-2023202535
 (21) 2023202535 (22) 27.04.2023
 (54) Automated commissioning of controllers in a window network
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A61F 9/007 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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G06F 3/01 (2006.01)
G06F 3/0362 (2013.01)
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(11) AU-A-2021356706
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(51) Int. Cl.
A61B 17/34 (2006.01)
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(74) Griffith Hack
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(11) AU-A-2021334324
(21) 2021334324 **(22)** 26.08.2021
(54) METHODS OF PRODUCING DYES WITH VARIOUS HUE FROM HUITO FRUIT
(51) Int. Cl.
A23L 5/43 (2016.01)
A23L 19/00 (2016.01)
(87) WO2022/047037
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(43) 03.03.2022
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(74) AJ PARK
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(11) AU-A-2021345026
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(54) METHODS FOR THE REDUCTION OF Z-AAT PROTEIN LEVELS
(51) Int. Cl.
C12N 15/113 (2010.01)
(87) WO2022/060721
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(54) ENGINEERED IMMUNE CELLS WITH PRIMING RECEPTORS
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C12N 15/90 (2006.01)
C12N 9/22 (2006.01)
C12N 15/63 (2006.01)
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(31) 63/072,080 **(32)** 28.08.20 **(33)** US
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(74) FB Rice Pty Ltd
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(54) BATTERY ASSEMBLY STABILIZATION MECHANISM
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B60K 1/00 (2006.01)
B60K 1/04 (2019.01)
B60L 53/80 (2019.01)
(87) WO2022/067161
(31) 17/033,975 **(32)** 28.09.20 **(33)** US
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(74) PHILLIPS ORMONDE FITZPATRICK
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(21) 2021350840 **(22)** 27.09.2021
(54) METHOD AND SYSTEM FOR AUTOMATICALLY CONNECTING AND DISCONNECTING BATTERIES FOR ELECTRIC VEHICLES
(51) Int. Cl.
B60L 53/80 (2019.01)
B60L 53/16 (2019.01)
H01M 50/249 (2021.01)
H01M 50/262 (2021.01)
H01M 50/289 (2021.01)
H01M 50/296 (2021.01)
H01M 50/50 (2021.01)
H01M 50/502 (2021.01)
H01M 50/543 (2021.01)
H01R 13/62 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK
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(11) AU-A-2021352040
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(54) METHOD FOR PRODUCING HIGH-PURITY AQUEOUS LITHIUM SALT SOLUTION

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C01D 3/16 (2006.01)
C01D 15/08 (2006.01)
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INOUE Hiroto
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E21B 37/06 (2006.01)
C09K 8/524 (2006.01)
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EBERT, Jefferson Thomas; HASELTINE, Benjamin
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- (54) COMPRESSOR DEVICE AND METHOD FOR CONTROLLING SUCH COMPRESSOR DEVICE
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F04C 28/28 (2006.01)
F04C 29/02 (2006.01)
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- (51) Int. Cl.
A23L 3/015 (2006.01)
B65B 3/04 (2006.01)
B65D 75/58 (2006.01)
B65D 77/06 (2006.01)
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- (74) FPA Patent Attorneys Pty Ltd
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(21) 2021355445 (22) 30.09.2021
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H01M 50/213 (2021.01)
H01M 50/143 (2021.01)
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- (54) CHILD CAR SEAT AND SEAT BACK ASSEMBLY THEREOF
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B60N 2/28 (2006.01)
B60N 2/02 (2006.01)
B60N 2/80 (2018.01)
B60N 2/809 (2018.01)
B60N 2/885 (2018.01)
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- (54) SYNERGISTIC ANTIOXIDANT COSMETIC COMPOSITION CONTAINING AT LEAST ONE HYDROXY-TYROSOL AND AT LEAST ONE SULFORAPHANE
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A61K 8/49 (2006.01)
A61K 8/60 (2006.01)
A61Q 19/08 (2006.01)
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- (54) SYSTEM, METHOD, AND COMPUTER PROGRAM PRODUCT FOR VASCULAR ACCESS DEVICE PLACEMENT
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C12Q 1/689 (2018.01)
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C12Q 1/689 (2018.01)
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- (54) THREE-Dimensionally Distributed Liquid Atomization Heat Exchanger, Control Method Thereof, Refrigeration System, and Air Conditioner
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F28C 3/08 (2006.01)
F25B 39/04 (2006.01)
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- (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/416 (2006.01)
A61K 31/506 (2006.01)
A61P 29/00 (2006.01)
A61P 37/00 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
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- (21) 2021387058 (22) 26.09.2021
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B01J 20/22 (2006.01)
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- (43) 02.06.2022
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- (21) 2021350425 (22) 27.09.2021
- (54) PAPER PRODUCT FOR FLOW WRAPPING
- (51) Int. Cl.
D21H 19/80 (2006.01)
B32B 29/00 (2006.01)
B65D 65/02 (2006.01)
B65D 75/00 (2006.01)
D21H 19/82 (2006.01)
D21H 21/50 (2006.01)
D21H 21/52 (2006.01)
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D21H 27/10 (2006.01)
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- (74) James & Wells Intellectual Property
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C12N 15/113 (2010.01)
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- (54) PROBIOTIC COMPOSITIONS FOR THE TREATMENT OF ACNE
- (51) Int. Cl.
A61K 35/747 (2015.01)
A61K 35/748 (2015.01)
A61K 36/05 (2006.01)
A61P 17/00 (2006.01)
A61P 17/10 (2006.01)
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- (54) AUTOPHAGY-INHIBITING PEPTIDE AND ORGANIC ACID SALT THERE-OF ADDRESSING ISSUES OF VASCULAR PERMEABILITY
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A61K 38/04 (2006.01)
A61K 38/07 (2006.01)
A61K 38/24 (2006.01)
A61P 7/04 (2006.01)
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- (74) Griffith Hack
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- (54) SYSTEM AND METHOD FOR UNMANNED OR UNDERMANNED DELIVERY OF RESTRICTED PRODUCTS
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G06Q 30/02 (2023.01)
G06Q 20/18 (2012.01)
G06Q 20/20 (2012.01)
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- (54) METHODS FOR ARTIFICIAL POLLINATION AND APPARATUS FOR DOING THE SAME
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- (74) WRAYS PTY LTD
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- (54) MACHINE-LEARNED OBSTRUCTION DETECTION IN A FARMING MACHINE
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G06N 20/00 (2019.01)
A01D 41/127 (2006.01)
A01D 41/14 (2006.01)
A01D 46/08 (2006.01)
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- (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd
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A01D 41/14 (2006.01)
G01S 15/00 (2020.01)
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A61K 39/155 (2006.01)
A61K 39/39 (2006.01)
C07K 14/135 (2006.01)
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A01G 31/00 (2018.01)
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(21) 2021333027 (22) 26.07.2021
(54) POLYOLEFIN COMPOSITIONS WITH REDUCED SHRINKAGE
(51) Int. Cl.
C08K 3/04 (2006.01)
C08K 5/00 (2006.01)
H01B 7/00 (2006.01)
H01B 9/00 (2006.01)
H01B 11/00 (2006.01)
H01B 11/18 (2006.01)
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(54) COMPLIANCE VOLTAGE MONITOR-ING AND ADJUSTMENT IN AN IM-PLANTABLE MEDICAL DEVICE US-ING LOW SIDE SENSING
(51) Int. Cl.
A61N 1/36 (2006.01)
A61N 1/02 (2006.01)
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(54) TARGET ALIGNMENT FOR VEHICLE SENSOR CALIBRATION
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G01M 17/007 (2006.01)
B60W 50/00 (2006.01)
G01S 7/40 (2006.01)
G01S 7/497 (2006.01)
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(74) FOUNDRY INTELLECTUAL PROP-ERTY PTY LTD
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- (71) BRAIME GROUP PLC
(11) AU-A-2021349350
(21) 2021349350 (22) 24.09.2021
(54) SYSTEM AND METHOD FOR PULLEY WEAR MONITORING
(51) Int. Cl.
F16H 55/36 (2006.01)
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(31) 17/032,214 (32) 25.09.20 (33) US
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(74) KINGS PATENT & TRADE MARKS AT-TORNEYS PTY LTD
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- (71) BRISTOL-MYERS SQUIBB COMPANY
(11) AU-A-2021334361
(21) 2021334361 (22) 31.08.2021
(54) CELL LOCALIZATION SIGNATURE AND IMMUNOTHERAPY
(51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
G01N 33/53 (2006.01)
G06V 10/40 (2022.01)
G06V 20/69 (2022.01)
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(74) AJ PARK
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(11) AU-A-2021342517
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(51) Int. Cl.
A61K 9/20 (2006.01)
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A61K 31/501 (2006.01)
A61P 1/00 (2006.01)
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(11) AU-A-2021338278
(21) 2021338278 (22) 01.09.2021
(54) TARGETING ENHANCER RNAS FOR THE TREATMENT OF PRIMARY BRAIN TUMORS
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A61P 35/00 (2006.01)
A61K 31/7088 (2006.01)
A61K 31/712 (2006.01)
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G06Q 20/12 (2012.01)
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B64F 1/00 (2006.01)
G08B 13/194 (2006.01)
G08G 5/00 (2006.01)
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G08B 13/194 (2006.01)
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A61K 31/496 (2006.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
A61P 43/00 (2006.01)
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C10M 105/74 (2006.01)
C10M 129/70 (2006.01)
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C01G 49/00 (2006.01)
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A61K 31/517 (2006.01)
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F24F 7/08 (2006.01)
F28D 9/00 (2006.01)
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H02J 3/18 (2006.01)
F25B 49/02 (2006.01)
H02J 3/01 (2006.01)
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C12P 7/28 (2006.01)
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A01F 29/22 (2006.01)
B24B 3/36 (2006.01)
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B24B 3/48 (2006.01)
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A23G 1/32 (2006.01)
A61K 8/41 (2006.01)
A61Q 5/00 (2006.01)
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G01N 33/68 (2006.01)
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A61B 3/15 (2006.01)
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A61B 3/10 (2006.01)
A61B 3/12 (2006.01)
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G06V 10/40 (2022.01)
G06V 30/18 (2022.01)
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C09D 11/36 (2014.01)
B41J 2/01 (2006.01)
B41M 5/00 (2006.01)
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A61P 3/10 (2006.01)
A61P 5/50 (2006.01)
C07K 14/62 (2006.01)
G01N 33/68 (2006.01)
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G01J 1/02 (2006.01)
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G06M 1/02 (2006.01)
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F25D 27/00 (2006.01)
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F24C 7/08 (2006.01)
A62C 3/00 (2006.01)
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C07D 239/48 (2006.01)
A61K 31/445 (2006.01)
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A61P 1/14 (2006.01)
C07D 211/04 (2006.01)
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 (54) METHODS FOR REDUCING HOST CELL PROTEIN CONTENT IN ANTIBODY PURIFICATION PROCESSES AND ANTIBODY COMPOSITIONS HAVING REDUCED HOST CELL PROTEIN CONTENT
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A01G 9/029 (2018.01)
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A61P 37/06 (2006.01)
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G02C 7/02 (2006.01)
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G16B 20/00 (2019.01)
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A61L 15/22 (2006.01)
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 (54) METHOD OF STOPPING CSF LEAKS AND APPARATUS THEREFOR
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 A61L 27/22 (2006.01)
 A61L 27/36 (2006.01)
 A61L 27/50 (2006.01)
 A61L 31/04 (2006.01)
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 C07D 487/04 (2006.01)
 A61P 25/28 (2006.01)
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 A43B 11/00 (2006.01)
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 C12N 5/074 (2010.01)
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 C02F 3/06 (2023.01)
 B01D 63/04 (2006.01)
 B01D 69/08 (2006.01)
 C02F 1/44 (2023.01)
 C02F 3/12 (2023.01)
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 (43) 14.04.2022
 (72) BENEDEK, Diana
 (74) Allens Patent & Trade Mark Attorneys
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 (54) SAFETY COVER FOR COUPLING WITH AN INJECTION DEVICE
 (51) Int. Cl.
 A61M 5/32 (2006.01)
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
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 (21) 2021350535 (22) 24.08.2021
 (54) PATIENT INTERFACE AND RESPIRATORY SUPPORT APPARATUS
 (51) Int. Cl.
 A61M 16/06 (2006.01)
 A62B 9/04 (2006.01)
 A62B 18/02 (2006.01)
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 (54) IMPROVEMENTS IN OR IN RELATION TO SUGARCANE PROCESSING
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 C13B 10/02 (2011.01)
 C13B 5/02 (2011.01)
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 (72) FITZMAURICE, Alan Lewis
 (74) Intellepro Patent & Trade Mark Attorneys
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 (54) DAIRY PRODUCT AND PROCESS
 (51) Int. Cl.
 A23C 9/15 (2006.01)
 (87) WO2022/079673
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 (11) AU-A-2021367988
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 (54) ACE2 FUSION PROTEINS AND USES THEREOF
 (51) Int. Cl.
 A61P 31/14 (2006.01)
 A61K 38/48 (2006.01)
 A61P 9/12 (2006.01)
 A61P 11/00 (2006.01)
 A61P 13/12 (2006.01)
 C07K 14/705 (2006.01)
 C12N 9/48 (2006.01)
 A61K 38/00 (2006.01)
 (87) WO2022/090469
 (31) 20204774.2 (32) 29.10.20 (33) EP
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 (43) 05.05.2022
 (72) REITER, Alwin; BROCKMEYER, Carsten; WOLSCHIN, Florian
 (74) Spruson & Ferguson
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 (11) AU-A-2021357840
 (21) 2021357840 (22) 08.10.2021
 (54) APPARATUS, METHOD, OR COMPUTER PROGRAM FOR PROCESSING AN ENCODED AUDIO SCENE USING A BANDWIDTH EXTENSION
 (51) Int. Cl.
 G10L 19/008 (2013.01)
 (87) WO2022/074201
 (31) 20201093.0 (32) 09.10.20 (33) EP
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 (72) REUTELHUBER, Franz; FUCHS, Guillaume; MULTRUS, Markus; FOTOPOULOU, Eleni; BAYER, Stefan; BÜTHE, Jan; DÖHLA, Stefan
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(54) METHOD FOR MONITORING A RAILWAY TRACK AND MONITORING UNIT FOR MONITORING A RAILWAY TRACK
(51) Int. Cl.
B61L 1/16 (2006.01)
B61L 27/00 (2022.01)
(87) WO2022/073842
(31) 20200042.8 **(32)** 05.10.20 **(33)** EP
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(72) HAID, Sebastian; ZEILINGER, Rene
(74) Spruson & Ferguson
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- (71)** FUSION FUEL PORTUGAL, S.A.
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(21) 2020472364 **(22)** 28.10.2020
(54) FLOATING FLOW-GUIDE PLATE FOR ELECTROCHEMICAL CELLS
(51) Int. Cl.
C25B 1/04 (2021.01)
C25B 9/15 (2021.01)
C25B 9/19 (2021.01)
C25B 9/60 (2021.01)
C25B 11/036 (2021.01)
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(72) FERREIRA SILVA, Jaime Domingos
(74) Spruson & Ferguson
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- (71)** FUZHOU UNIVERSITY
(11) AU-A-2021362841
(21) 2021362841 **(22)** 03.02.2021
(54) HEXADECYLAMMONIUM GROUP-MODIFIED PHTHALOCYANINE, AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF AS PHOTODYNAMIC DRUG
(51) Int. Cl.
C07D 487/22 (2006.01)
A61K 41/00 (2020.01)
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C09K 11/06 (2006.01)
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F16K 47/04 (2006.01)
B01F 25/441 (2022.01)
B01F 25/442 (2022.01)
B01F 25/46 (2022.01)
F16K 3/32 (2006.01)
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A61K 31/517 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/22 (2006.01)
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(74) Griffith Hack
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(51) Int. Cl.
A61K 31/517 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 16/32 (2006.01)
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E21B 44/02 (2006.01)
E21B 47/12 (2012.01)
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F16K 31/122 (2006.01)
F16K 31/143 (2006.01)
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B01D 15/42 (2006.01)
C22B 3/24 (2006.01)
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H04L 41/0894 (2022.01)
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H02S 50/10 (2014.01)
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G01N 33/38 (2006.01)
C04B 40/00 (2006.01)
E04F 21/06 (2006.01)
B28B 11/08 (2006.01)
B28B 11/24 (2006.01)
E04G 21/24 (2006.01)
G01K 13/00 (2021.01)
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A61F 2/64 (2006.01)
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E04H 15/06 (2006.01)
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C08L 67/06 (2006.01)
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 FACE DEFECT WITH A FAST CURING
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B29C 73/10 (2006.01)
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 FOR REPAIRING SURFACE IMPER-
 FECTIONS
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B29C 73/02 (2006.01)
B05D 5/00 (2006.01)
C09D 5/34 (2006.01)
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 OPERATION OF AN IMPLANT
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A61B 5/00 (2006.01)
A61N 1/372 (2006.01)
G06F 21/32 (2013.01)
G06F 21/35 (2013.01)
H01M 10/42 (2006.01)
H02J 50/10 (2016.01)
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A23J 1/14 (2006.01)
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G16H 20/13 (2018.01)
G16H 40/63 (2018.01)
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G08G 1/01 (2006.01)
G08G 1/16 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd
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C07K 16/28 (2006.01)
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G10L 15/18 (2013.01)
G06Q 30/00 (2023.01)
G10L 15/183 (2013.01)
G10L 15/22 (2006.01)
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H04M 3/00 (2006.01)
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H04N 19/91 (2014.01)
H03M 7/40 (2006.01)
H04N 19/13 (2014.01)
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B29C 45/00 (2006.01)
B29C 48/16 (2019.01)
B29C 48/793 (2019.01)
B29C 53/02 (2006.01)
C08H 1/06 (2006.01)
C08J 5/04 (2006.01)
C08J 5/18 (2006.01)
C08L 3/02 (2006.01)
C08L 23/06 (2006.01)
C08L 23/12 (2006.01)
C08L 27/06 (2006.01)
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C08L 55/02 (2006.01)
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 (51) Int. Cl.
A61N 1/36 (2006.01)
A61H 39/00 (2006.01)
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 (74) FB Rice Pty Ltd
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A61H 31/00 (2006.01)
A61B 5/00 (2006.01)
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C12N 5/074 (2010.01)
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G01N 33/68 (2006.01)
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C11D 1/90 (2006.01)
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B05B 12/08 (2006.01)
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B01L 3/00 (2006.01)
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A61K 39/215 (2006.01)
A61K 39/295 (2006.01)
A61P 31/14 (2006.01)
A61P 37/04 (2006.01)
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C07K 14/165 (2006.01)
C07K 16/10 (2006.01)
C12N 5/10 (2006.01)
C12N 7/01 (2006.01)
C12N 15/44 (2006.01)
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A24F 23/00 (2006.01)
B65D 43/02 (2006.01)
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A24F 40/00 (2020.01)
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 C03B 37/005 (2006.01)
 C03C 3/062 (2006.01)
 C03C 3/087 (2006.01)
 G21C 13/00 (2006.01)
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 (72) BIANCO, Walter; MARSH, Charles; KAINITZ, Ryan; JURMAN, Alessandro; DEL SAL, Stefano; UDESHI, Sameer
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 (54) CABINET WITH INTEGRATED PICK-AND-PLACE MECHANISM
 (51) Int. Cl.
G06F 7/00 (2006.01)
 (87) WO2022/046462
 (31) 17/005,803 (32) 28.08.20 (33) US
 (43) 03.03.2022
 (72) KAINITZ, Ryan; BRAUN, Ezekiel
 (74) FB Rice Pty Ltd

(71) OMNICELL, INC.
 (11) AU-A-2021333518
 (21) 2021333518 (22) 20.08.2021
 (54) SYSTEMS AND METHODS FOR PARALLEL PREPARATION PROCESSING
 (51) Int. Cl.
A61J 3/00 (2006.01)
A61J 1/20 (2006.01)
B65G 1/137 (2006.01)
 (87) WO2022/046554
 (31) 17/006,027 (32) 28.08.20 (33) US
 (43) 03.03.2022
 (72) MARSH, Charles; MCCUTCHAN, Larry; KAINITZ, Ryan; BRAUN, Ezekiel; PETERSEN, Walter; ECKERT, Robert; SLAYMAKER, JR., Robert Barrie
 (74) FB Rice Pty Ltd

(71) OPHTHALMO PRO GMBH
 (11) AU-A-2020466989
 (21) 2020466989 (22) 04.09.2020
 (54) INJECTOR FOR INTRAOCULAR LENSES
 (51) Int. Cl.
A61F 2/16 (2006.01)
 (87) WO2022/048767
 (43) 10.03.2022
 (72) BAYER, Alexander
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) PA KNOWLEDGE LIMITED
 (11) AU-A-2021344716
 (21) 2021344716 (22) 15.09.2021
 (54) METHOD
 (51) Int. Cl.
D21H 19/82 (2006.01)
D21H 19/02 (2006.01)
D21H 19/08 (2006.01)
D21H 19/18 (2006.01)
D21H 19/20 (2006.01)
D21H 19/22 (2006.01)
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 (87) WO2022/058724
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 (72) SMITH, Rodney Edward; NELSON, Craig Harvey; TYLDESLEY, William Frank; JONES, Stuart Michael Ruan
 (74) WRAYS PTY LTD

(71) PETRÓLEO BRASILEIRO S.A. - PET-ROBRAS
 (11) AU-A-2021339265
 (21) 2021339265 (22) 09.09.2021
 (54) THERMAL INSULATION BLANKET FOR UNDERSEA LINES
 (51) Int. Cl.
F16L 59/02 (2006.01)
F16L 59/00 (2006.01)
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 (43) 17.03.2022
 (72) GERALDO PAPPEN, Gustavo; FIORENZA DE LIMA, Henri
 (74) Davies Collison Cave Pty Ltd

(71) PFIZER INC.
 (11) AU-A-2021351946
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 (54) CELL CULTURE PROCESS FOR PRODUCING RSV F PROTEIN
 (51) Int. Cl.
C12P 21/00 (2006.01)
A61K 39/12 (2006.01)
 (87) WO2022/070129
 (31) 63/086,702 (32) 02.10.20 (33) US
 (43) 07.04.2022
 (72) BREEN, Shelby Hutchins; HARRINGTON, Cameron Albert; JACOBS, Michaela Evelina; LOTVIN, Jason Arnold; MULUKUTLA, Bhanu Chandra; STEAD, David; SUMIT, Madhuresh
 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2021366423
 (21) 2021366423 (22) 19.10.2021
 (54) PEG-FREE AQUEOUS SUSPENSIONS FOR PARENTERAL ADMINISTRATION OF A CORTICOSTEROID
 (51) Int. Cl.
A61K 9/10 (2006.01)
A61K 31/57 (2006.01)
A61K 31/573 (2006.01)
A61K 47/18 (2017.01)
 (87) WO2022/084842
 (31) 63/104,143 (32) 22.10.20 (33) US
 63/252,705 06.10.21 US
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 (72) SALMAN, Omar Abdelrahman; BERGMAN, Joel Aaron
 (74) ALLENS PATENT & TRADE MARK ATTORNEYS

(71) PHILIP MORRIS PRODUCTS S.A.
 (11) AU-A-2021346840
 (21) 2021346840 (22) 22.09.2021
 (54) AEROSOL-GENERATING SYSTEM WITH HYBRID SUSCEPTOR
 (51) Int. Cl.
A24F 40/465 (2020.01)
A24F 40/44 (2020.01)
A24F 40/10 (2020.01)
 (87) WO2022/063861
 (31) 20197817.8 (32) 23.09.20 (33) EP
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 (72) FREDERICK, Guillaume; ZINOVIK, Ihar Nikolaevich
 (74) James & Wells Intellectual Property

(71) PHILIP MORRIS PRODUCTS S.A.
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 (21) 2021350127 (22) 22.09.2021
 (54) AEROSOL-GENERATING SYSTEM WITH SHAPED SUSCEPTOR
 (51) Int. Cl.
A24F 40/465 (2020.01)
A24F 40/44 (2020.01)
A24F 40/10 (2020.01)
 (87) WO2022/063863
 (31) 20197825.1 (32) 23.09.20 (33) EP
 (43) 31.03.2022
 (72) FREDERICK, Guillaume; ZINOVIK, Ihar Nikolaevich
 (74) James & Wells Intellectual Property

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 (21) 2021353982 (22) 29.09.2021
 (54) AEROSOL-GENERATING DEVICE WITH MEANS FOR IDENTIFYING A TYPE OF AN AEROSOL-GENERATING ARTICLE BEING USED WITH THE DEVICE
 (51) Int. Cl.
A24F 40/465 (2020.01)
A24F 40/53 (2020.01)
A61M 11/04 (2006.01)
A61M 15/06 (2006.01)
 (87) WO2022/069582
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 (72) BUTIN, Yannick; STURA, Enrico; CHATEAU, Maxime
 (74) James & Wells Intellectual Property

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 (21) 2021356136 (22) 07.10.2021
 (54) AEROSOL-GENERATING ARTICLE WITH NON-HOMOGENISED TO-BACCO SUBSTRATE
 (51) Int. Cl.
A24D 1/20 (2020.01)
 (87) WO2022/074158
 (31) 20201025.2 (32) 09.10.20 (33) EP
 (43) 14.04.2022
 (72) UTHURRY, Jerome
 (74) James & Wells Intellectual Property

(71) PHOENIX CONTACT GMBH & CO. KG
 (11) AU-A-2021357436
 (21) 2021357436 (22) 17.09.2021
 (54) TOOL SET FOR CUTTING, STRIPPING AND/OR CRIMPING AN ELECTRICAL CONDUCTOR
 (51) Int. Cl.
H02G 1/12 (2006.01)
B25B 27/14 (2006.01)
B25F 1/02 (2006.01)
B25F 3/00 (2006.01)
G01L 5/00 (2006.01)
H01R 43/042 (2006.01)
H01R 43/048 (2006.01)
H02G 1/00 (2006.01)
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- (71) PINNACLE BIOLOGICS, INC. (11) AU-A-2021339814 (21) 2021339814 (22) 10.09.2021 (54) PHOTODYNAMIC THERAPY COMPOSITIONS AND METHODS OF USE THEREOF (51) Int. Cl. **A61K 41/00** (2020.01) (87) WO2022/056299 (31) 63/077,113 (32) 11.09.20 (33) US 63/223,835 20.07.21 US (43) 17.03.2022 (72) KUTSCHERA, Glenn M.; MANG, Thomas S. (74) Davies Collison Cave Pty Ltd
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- (71) PORCHER INDUSTRIES (11) AU-A-2021357581 (21) 2021357581 (22) 04.10.2021 (54) COATED LIGHTWEIGHT FABRIC, IN PARTICULAR FOR A SPINNAKER (51) Int. Cl. **D03D 13/00** (2006.01) **B63H 9/067** (2020.01) **D06M 15/564** (2006.01) **D06M 15/568** (2006.01) **D06M 15/572** (2006.01) **D06N 3/00** (2006.01) **D06N 3/14** (2006.01) **D06M 101/32** (2006.01) (87) WO2022/073901 (31) FR2010144 (32) 05.10.20 (33) FR
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- (71) PRELUDE THERAPEUTICS, INCORPORATED (11) AU-A-2021345423 (21) 2021345423 (22) 21.09.2021 (54) CDK INHIBITORS AND THEIR USE AS PHARMACEUTICALS (51) Int. Cl. **C07D 495/04** (2006.01) **A61K 31/506** (2006.01) **A61P 35/00** (2006.01) (87) WO2022/061273 (31) 63/221,959 (32) 15.07.21 (33) US 63/081,126 21.09.20 US (43) 24.03.2022 (72) BUESKING, Andrew, W.; COMBS, Andrew, Paul; ZHUO, Jincong; HOLMES, Ryan; PAWLEY, Sarah; WU, Xiaowei (74) FPA Patent Attorneys Pty Ltd
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- (71) QINETIQ LIMITED (11) AU-A-2021338445 (21) 2021338445 (22) 13.08.2021 (54) A RESPIRATOR SYSTEM (51) Int. Cl. **A62B 18/00** (2006.01) **A62B 7/10** (2006.01) **A62B 9/04** (2006.01) **A62B 18/08** (2006.01) (87) WO2022/048887 (31) 2014003.4 (32) 07.09.20 (33) GB 2106241.9 30.04.21 GB (43) 10.03.2022 (72) STEVENSON, Alec Thomas (74) Davies Collison Cave Pty Ltd

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<p>(71) QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD. (11) AU-A-2021342448 (21) 2021342448 (22) 07.09.2021 (54) REFRIGERATOR AND GLASS DOOR THEREOF (51) Int. Cl. <i>F25D 23/02</i> (2006.01) <i>F25D 21/00</i> (2006.01) (87) WO2022/057685 (31) 202010969249.9 (32) 15.09.20 (33) CN (43) 24.03.2022 (72) LYU, Peng; ZHANG, Hao; LI, Jiaming; CUI, Zhanpeng; MOU, Sen (74) Spruson & Ferguson</p>	<p>(71) QUANTAQ, INC. (11) AU-A-2021358511 (21) 2021358511 (22) 06.10.2021 (54) AIR MEASUREMENT DEVICE (51) Int. Cl. <i>G01N 15/02</i> (2006.01) <i>G01J 3/00</i> (2006.01) <i>G01N 1/00</i> (2006.01) <i>G01N 15/00</i> (2006.01) <i>G01N 15/10</i> (2006.01) (87) WO2022/076617 (31) 63/088,000 (32) 06.10.20 (33) US (43) 14.04.2022 (72) HAGAN, David; CROSS, Eben (74) RnB IP Pty Ltd</p>	<p>(71) RESEARCH INSTITUTE AT NATION-WIDE CHILDREN'S HOSPITAL (11) AU-A-2021349277 (21) 2021349277 (22) 28.09.2021 (54) PRODUCTS AND METHODS FOR TREATING MUSCULAR DYSTROPHY (51) Int. Cl. <i>C07K 14/47</i> (2006.01) <i>A61K 48/00</i> (2006.01) <i>C12N 15/113</i> (2010.01) (87) WO2022/067257 (31) 63/084,259 (32) 28.09.20 (33) US (43) 31.03.2022 (72) FLANIGAN, Kevin; WEIN, Nicolas, Sebastien; SIMMONS, Tabatha (74) WRAYS PTY LTD</p>
<p>(71) QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD. (11) AU-A-2021344298 (21) 2021344298 (22) 31.08.2021 (54) REFRIGERATOR (51) Int. Cl. <i>F25D 11/02</i> (2006.01) (87) WO2022/057612 (31) 202010970777.6 (32) 15.09.20 (33) CN (43) 24.03.2022 (72) LI, Jiaming; ZHANG, Hao; LYU, Peng; CUI, Zhanpeng (74) Spruson & Ferguson</p>	<p>(71) RADIC8 PTE LTD (11) AU-A-2021365141 (21) 2021365141 (22) 20.10.2021 (54) AIR TREATMENT REACTOR MODULES AND ASSOCIATED SYSTEMS, DEVICES AND METHODS (51) Int. Cl. <i>F24F 8/10</i> (2021.01) <i>F24F 8/167</i> (2021.01) <i>F24F 8/22</i> (2021.01) <i>F24F 13/08</i> (2006.01) <i>F24F 13/20</i> (2006.01) <i>F24F 13/24</i> (2006.01) <i>F24F 13/28</i> (2006.01) (87) WO2022/087185 (31) 10-2020-0137057 (32) 21.10.20 (33) KR (43) 28.04.2022 (72) LEE, Kang Soo (74) Spruson & Ferguson</p>	<p>(71) RESEARCH INSTITUTE AT NATION-WIDE CHILDREN'S HOSPITAL (11) AU-A-2021371032 (21) 2021371032 (22) 01.11.2021 (54) COMPOSITIONS AND METHODS FOR PREVENTING, INHIBITING, DISRUPTING, OR TREATING A POLYMICROBIAL BIOFILM (51) Int. Cl. <i>C07K 16/12</i> (2006.01) <i>A61K 39/395</i> (2006.01) <i>A61K 39/40</i> (2006.01) <i>A61L 27/54</i> (2006.01) <i>G01N 33/68</i> (2006.01) (87) WO2022/094433 (31) 63/108,421 (32) 01.11.20 (33) US 17/364,578 30.06.21 US (43) 05.05.2022 (72) BAKALETZ, Lauren O.; GOODMAN, Steven D. (74) HENRY HUGHES IP LTD</p>
<p>(71) QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD. (11) AU-A-2021345713 (21) 2021345713 (22) 31.08.2021 (54) REFRIGERATOR PROVIDED WITH SEALED DRAWER ON DOOR BODY (51) Int. Cl. <i>F25D 11/02</i> (2006.01) (87) WO2022/057611 (31) 202010969235.7 (32) 15.09.20 (33) CN (43) 24.03.2022 (72) LI, Jiaming; ZHANG, Hao; LYU, Peng; CUI, Zhanpeng (74) Spruson & Ferguson</p>	<p>(71) RAVEN INDUSTRIES, INC. (11) AU-A-2021338375 (21) 2021338375 (22) 03.09.2021 (54) POWER PLATFORM WITH FOUR WHEEL STEERING/REAR WHEEL STEERING (51) Int. Cl. <i>B62D 7/15</i> (2006.01) (87) WO2022/051625 (31) 63/074,217 (32) 03.09.20 (33) US (43) 10.03.2022 (72) SNEYDERS, Yuri; VAN ROEKEL, Jeffrey Allen (74) FB Rice Pty Ltd</p>	<p>(71) REVERAGEN BIOPHARMA, INC. (11) AU-A-2021343534 (21) 2021343534 (22) 21.09.2021 (54) TREATMENT OF NF-κB-MEDIATED DISEASE (51) Int. Cl. <i>A61K 31/57</i> (2006.01) <i>A61K 31/573</i> (2006.01) <i>A61P 21/00</i> (2006.01) (87) WO2022/061287 (31) 63/081,073 (32) 21.09.20 (33) US 63/195,473 01.06.21 US 63/214,908 25.06.21 US</p>
<p>(71) QUADSAT APS (11) AU-A-2021360236</p>	<p>(71) REGENERON PHARMACEUTICALS, INC. (11) AU-A-2021345262</p>	

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(74) AJ PARK
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- (71) RIM-LOCK INNOVATIONS PTY LTD
(11) AU-A-2021377151
(21) 2021377151 (22) 27.10.2021
(54) A RETENTION DEVICE AND A METHOD OF USE THEREOF
(51) Int. Cl.
B60B 23/02 (2006.01)
B60B 3/16 (2006.01)
B60B 23/00 (2006.01)
B60B 23/10 (2006.01)
(87) WO2022/099348
(31) 2020904163 (32) 13.11.20 (33) AU
(43) 19.05.2022
(72) GUINEA, Joseph
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) ROOTPATH GENOMICS, INC.
(11) AU-A-2021366741
(21) 2021366741 (22) 22.10.2021
(54) COMPOSITIONS AND METHODS FOR T-CELL RECEPTOR IDENTIFICATION
(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)
G01N 33/68 (2006.01)
(87) WO2022/087380
(31) 63/104,624 (32) 23.10.20 (33) US
63/128,274 21.12.20 US
(43) 28.04.2022
(72) CHEN, Xi
(74) Spruson & Ferguson
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- (71) ROSEMOUNT INC.
(11) AU-A-2021353406
(21) 2021353406 (22) 19.05.2021
(54) FIELD DEVICE HOUSING ASSEMBLY
(51) Int. Cl.
G01D 11/26 (2006.01)
(87) WO2022/072001
(31) 17/039,222 (32) 30.09.20 (33) US
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(72) HOLM, Jacob Daniel; JAFFRAY, Benjamin Hammerlind; EDWARDS, Glen Rodney; LINDSEY, Ryan Thomas; SUNDET, Paul Curtis; MESCHKE, Timothy Richard
(74) Madderns Pty Ltd
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(11) AU-A-2021372389
(21) 2021372389 (22) 15.10.2021
(54) REV-ERB AGONISTS
(51) Int. Cl.
A61K 31/435 (2006.01)
A61K 31/4353 (2006.01)
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(87) WO2022/093552
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(43) 05.05.2022
(72) WALKER, John, K.; BURRIS, Thomas, Patrick; SITAULA, Sadichha; CHATTERJEE, Arindam; D'CUNHA, Napoleon, Clement; JACOBSEN, Eric, Jon; BLINN, James, Robert
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C08B 3/28 (2006.01)
D01F 2/02 (2006.01)
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C12N 15/09 (2006.01)
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A61P 7/06 (2006.01)
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C07K 16/00 (2006.01)
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C12N 1/21 (2006.01)
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F25D 11/02 (2006.01)
F25D 21/00 (2006.01)
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F25D 11/02 (2006.01)
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A23L 33/185 (2016.01)
A23P 30/20 (2016.01)
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A23C 11/04 (2006.01)
A23L 29/231 (2016.01)
A23P 10/40 (2016.01)
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C12N 15/113 (2010.01)
A61K 9/72 (2006.01)
A61K 31/713 (2006.01)

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C02F 11/14 (2019.01)
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A61M 15/00 (2006.01)
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C12Q 1/22 (2006.01)
A61L 2/28 (2006.01)
C12M 1/12 (2006.01)
G01N 21/00 (2006.01)
G01N 21/64 (2006.01)
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G05B 13/04 (2006.01)
G05B 19/418 (2006.01)
G06Q 50/04 (2012.01)
H04W 84/18 (2009.01)
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A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
A61B 90/30 (2016.01)
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B65D 81/38 (2006.01)
A47G 23/02 (2006.01)
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(54) PRESSURE VALVE PROCESSING
(51) Int. Cl.
B65G 33/22 (2006.01)
B65G 33/14 (2006.01)
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C12M 1/33 (2006.01)
C12P 7/10 (2006.01)
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F16K 1/12 (2006.01)
B05B 1/06 (2006.01)
B05B 1/30 (2006.01)
F02M 61/10 (2006.01)
F02M 61/12 (2006.01)
F02M 61/16 (2006.01)
F02M 61/18 (2006.01)
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C08H 8/00 (2010.01)
A23P 30/20 (2016.01)
B01J 19/24 (2006.01)
B01J 19/26 (2006.01)
C13K 1/02 (2006.01)
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(54) SPECIFICITY ENCHANCED BISPECIFIC ANTIBODY (SEBA)
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A61K 39/395 (2006.01)
C07K 16/32 (2006.01)
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C07K 19/00 (2006.01)
C12N 15/09 (2006.01)
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A01K 67/027 (2006.01)
C07K 14/705 (2006.01)
C12N 5/00 (2006.01)
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C12N 15/85 (2006.01)
G16B 20/20 (2019.01)
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A61K 48/00 (2006.01)
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A61K 45/06 (2006.01)
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A61K 31/7115 (2006.01)
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F23D 3/22 (2006.01)
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A61K 35/15 (2015.01)
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A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
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C07K 16/28 (2006.01)
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C12N 15/115 (2010.01)
G01N 21/01 (2006.01)
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G01N 33/50 (2006.01)
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A01N 57/12 (2006.01)
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C12N 9/50 (2006.01)
A61K 38/00 (2006.01)
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A61P 35/00 (2006.01)
C07K 16/28 (2006.01)
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 (54) AEROSOL GENERATOR FOR AN INHALATION DEVICE
 (51) Int. Cl.
B06B 1/06 (2006.01)
A61M 11/00 (2006.01)
A61M 15/00 (2006.01)
B05B 17/00 (2006.01)
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 (54) METHOD FOR PRODUCING ALLOY POWDERS BASED ON TITANIUM METAL
 (51) Int. Cl.
B22F 9/04 (2006.01)
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C22B 34/10 (2006.01)
C22C 1/04 (2023.01)
C22C 14/00 (2006.01)
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G02F 1/161 (2006.01)
B32B 17/10 (2006.01)
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 (43) 17.03.2022
 (72) KASSIM, Sadik; SCHERER, Julian
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Vtec Co., Ltd.
 (11) AU-A-2022228118
 (21) 2022228118 (22) 25.05.2022
 (54) Gripper device using air-tube
 (51) Int. Cl.
B65B 35/16 (2006.01)
B25J 15/00 (2006.01)
B65G 47/90 (2006.01)
 (31) 10-2021-0143167 (32) 26.10.21 (33) KR
 (43) 11.05.2023
 (72) CHO, Ho-Young
 (74) Halfords IP
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- (71) W.C. BRADLEY CO.
 (11) AU-A-2021347171
 (21) 2021347171 (22) 22.09.2021
 (54) PELLET AUGER RELEASE SYSTEM
 (51) Int. Cl.
A47J 37/07 (2006.01)
 (87) WO2022/066755
 (31) 63/081,867 (32) 22.09.20 (33) US
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- (43) 31.03.2022
 (72) HAMILTON, Anthony; ROBERTS, Bruce; TERKALAS, Donnie; ABDAL-LAH, Sleiman; DIXON, William
 (74) Minter Ellison
-
- (71) WESTROCK PACKAGING SYSTEMS, LLC
 (11) AU-A-2021350098
 (21) 2021350098 (22) 24.09.2021
 (54) ARTICLE CARRIERS AND BLANKS THEREFOR
 (51) Int. Cl.
B65D 5/02 (2006.01)
B65D 5/42 (2006.01)
 (87) WO2022/067121
 (31) 63/083,324 (32) 25.09.20 (33) US
 (43) 31.03.2022
 (72) GARNIER, Jean-Michel; JENNETIOT, Laurent
 (74) Spruson & Ferguson
-
- (71) X DEVELOPMENT LLC
 (11) AU-A-2021348146
 (21) 2021348146 (22) 05.08.2021
 (54) END TO END PLATFORM TO MANAGE CIRCULAR ECONOMY OF WASTE MATERIALS
 (51) Int. Cl.
G16C 20/20 (2019.01)
G16C 20/10 (2019.01)
 (87) WO2022/066298
 (31) 17/033,512 (32) 25.09.20 (33) US
 (43) 31.03.2022
 (72) BANATAO, Diosdado Rey; DAVIS, Karen R.; TREAT, Neil; GONCHARUK, Artem; SPIRAKIS, Charles; SANJEEV, Sujit; MURPHY, Gearoid; KEH, Lance Co Ting; RADKOFF, Rebecca; DAL, Taoran
 (74) Spruson & Ferguson
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- (71) XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
 (11) AU-A-2021335744
 (21) 2021335744 (22) 10.06.2021
 (54) LOAD CONTROL METHOD AND APPARATUS FOR WIND TURBINE GENERATOR SYSTEM
 (51) Int. Cl.
F03D 7/00 (2006.01)
F03D 17/00 (2016.01)
 (87) WO2022/048228
 (31) 202010903660.6 (32) 01.09.20 (33) CN
 (43) 10.03.2022
 (72) KANG, Weixin; ZHOU, Guilin; ZHANG, Pengfei; HUANG, Xiaofang
 (74) Madderns Pty Ltd
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- (71) XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
 (11) AU-A-2021336383
 (21) 2021336383 (22) 28.05.2021
 (54) SEMI-DIRECT DRIVE DIRECT-CURRENT WIND TURBINE GENERATOR UNIT, AND CONTROL METHOD AND DEVICE THEREFOR
-
- (51) Int. Cl.
H02J 3/16 (2006.01)
 (87) WO2022/048205
 (31) 202010903612.7 (32) 01.09.20 (33) CN
 (43) 10.03.2022
 (72) FENG, Qita; TANG, Mingjie; LI, Zhanlong
 (74) Madderns Pty Ltd
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- (71) YUNJING INTELLIGENCE (SHENZHEN) CO., LTD.; YUNJING INTELLIGENCE TECHNOLOGY (DONGGUAN) CO., LTD.
 (11) AU-A-2022350408
 (21) 2022350408 (22) 21.09.2022
 (54) Cleaning control method and device, cleaning robot and storage medium
 (51) Int. Cl.
A47L 11/24 (2006.01)
A47L 11/28 (2006.01)
A47L 11/40 (2006.01)
G01C 21/00 (2006.01)
G05D 1/02 (2020.01)
 (87) WO2023/045982
 (31) 202111116145.4 (32) 23.09.21 (33) CN
 (43) 30.03.2023
 (72) WANG, Zhenxu; AI, Yu
 (74) Madderns Pty Ltd
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- (71) Zasso Group AG; Zasso Brasil Indústria e Comércio de Máquinas LTDA.
 (11) AU-A-2021454582
 (21) 2021454582 (22) 22.10.2021
 (54) Applicator and device for applying electrical current into a plant
 (51) Int. Cl.
A01M 21/04 (2006.01)
A01B 39/18 (2006.01)
 (43) 11.05.2023
 (72) COUTINHO FILHO, Sergio de Andrade; RINZLER, Guilherme Penna Moreira; FREIMANN, Christopher
 (74) Spruson & Ferguson
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- (71) ZELLABOX PTY LTD
 (11) AU-A-2021333389
 (21) 2021333389 (22) 23.08.2021
 (54) AN INTERCONNECTABLE MICRO DATA CENTER MODULE
 (51) Int. Cl.
H05K 7/14 (2006.01)
G06F 1/20 (2006.01)
H05K 7/20 (2006.01)
 (87) WO2022/040730
 (31) 2020903021 (32) 24.08.20 (33) AU
 (43) 03.03.2022
 (72) KEELER, Clinton Sevier
 (74) RADIANT GLOBAL PTY LTD
-
- (71) ZHEJIANG CFMOTO POWER CO., LTD.
 (11) AU-A-2021466253
 (21) 2021466253 (22) 29.09.2021
 (54) All-terrain vehicle
 (51) Int. Cl.
F02M 35/10 (2006.01)
B60K 13/02 (2006.01)

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B62D 61/10 (2006.01)
(87) WO2023/050192
(43) 06.04.2023
(72) RAO, Lihua; YANG, Yibin; CHENG, Zhaoyang; PENG, Hongbo; LIU, Hangyu; DING, Weidong; ZOU, Pengfei; JIANG, Xiaolu; DONG, Taotao; ZHONG, Mei; WU, Tao; WANG, Jيانyong; BAO, Genxin; WANG, Silin
(74) Madderns Pty Ltd

(71) ZILLOW, INC.
(11) AU-A-2021342513
(21) 2021342513 **(22)** 17.09.2021
(54) GUIDED REAL ESTATE SEARCH USING CONTEXTUAL REFINEMENT
(51) Int. Cl.
G06Q 50/16 (2012.01)
G06F 16/26 (2019.01)
G06F 16/9035 (2019.01)
G06F 16/909 (2019.01)
G06F 17/18 (2006.01)
(87) WO2022/061064
(31) 17/025,330 **(32)** 18.09.20 **(33)** US
(43) 24.03.2022
(72) ABDALLAH, Farah; LOPATENKO, Andrei; AGARWAL, Tarun; BALAGOPALAN, Arun; GIBBONS, Jackson R.
(74) Spruson & Ferguson

(71) ZOETIS SERVICES LLC
(11) AU-A-2021353430
(21) 2021353430 **(22)** 23.09.2021
(54) ATTENUATED PORCINE EPIDEMIC DIARRHEA VIRUS
(51) Int. Cl.
A61K 39/215 (2006.01)
C12N 7/00 (2006.01)
(87) WO2022/072215
(31) 202011048314.0 **(32)** 29.09.20 **(33)** CN
(43) 07.04.2022
(72) RUAN, Xiaosai; LIU, Can; LI, Haiyan; YU, Hongxin
(74) AJ PARK

(71) ZOETIS SERVICES LLC
(11) AU-A-2021358987
(21) 2021358987 **(22)** 07.10.2021
(54) ANTI-NGF ANTIBODIES AND METHODS OF USE THEREOF
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/00 (2006.01)
A61P 3/00 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 9/00 (2006.01)
A61P 9/10 (2006.01)
A61P 19/02 (2006.01)
A61P 25/00 (2006.01)
A61P 25/04 (2006.01)
A61P 29/00 (2006.01)
(87) WO2022/076712
(31) 63/088,729 **(32)** 07.10.20 **(33)** US
(43) 14.04.2022
(72) BERGERON, Lisa, Marie; STRIETZEL, Catherine, J.; BMMERT, Gary, F.; BAINBRIDGE, Graeme
(74) Davies Collison Cave Pty Ltd

(71) ZTE CORPORATION
(11) AU-A-2020470208
(21) 2020470208 **(22)** 30.09.2020
(54) METHOD AND APPARATUS OF SYSTEM INFORMATION TRANSMISSION
(51) Int. Cl.
H04W 72/04 (2023.01)
H04B 7/185 (2006.01)
(87) WO2022/067717
(43) 07.04.2022
(72) DAI, Jianqiang; ZHANG, Nan; DOU, Jianwu; CAO, Wei; ZHANG, Chenchen
(74) Spruson & Ferguson

(71) ZUO, S.
(11) AU-A-2020472759
(21) 2020472759 **(22)** 12.10.2020
(54) WORLD ENERGY RESERVE BANK PLAN
(51) Int. Cl.
G06Q 50/06 (2012.01)
G06Q 90/00 (2006.01)
(87) WO2022/079465
(43) 21.04.2022
(72) ZUO, Sue
(74) Sue Zuo

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2020464643	ICARUS MEDICAL, LLC	2021335401	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN
2020466989	OPHTHALMO PRO GMBH	2021335406	DANMARKS TEKNISKE UNIVERSITET
2020467090	CHONGQING HYLON CO., LTD	2021335408	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN
2020467137	GLOBAL MORPHO PHARMA	2021335410	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN
2020469182	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2021335744	XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2020469631	HIBOCARE TECHNOLOGIES SOUTH AFRICA (PTY) LTD	2021335927	HAGNESIA AB
2020470208	ZTE CORPORATION	2021335999	LG ELECTRONICS INC.
2020471035	SANDVIK SRP AB	2021336074	SICPA HOLDING SA
2020471504	ELECTROLUX HOME PRODUCTS, INC.	2021336117	NICOVENTURES TRADING LIMITED
2020471659	ELECTROLUX HOME PRODUCTS, INC.	2021336124	BLOOMX LTD.
2020472128	NIPPON TELEGRAPH AND TELEPHONE CORPORATION	2021336193	SPACEAIR PTY LTD
2020472364	FUSION FUEL PORTUGAL, S.A.	2021336354	LG ELECTRONICS INC.
2020472759	ZUO, S.	2021336383	XINJIANG GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.
2020472968	NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG	2021336580	AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH; AGRESEARCH LIMITED
2020475318	HUAWEI DIGITAL POWER TECHNOLOGIES CO., LTD.	2021336746	MEMORY BOX UK LIMITED
2020476669	ELECTROLUX APPLIANCES AKTIEBOLAG	2021336781	SCIPHER MEDICINE CORPORATION
2020478845	MITSUBISHI ELECTRIC CORPORATION	2021337000	NKARTA, INC.
2020481265	NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG	2021337170	SICPA HOLDING SA
2021290248	Shandong Tongyuan Digital Technology Co., Ltd.	2021337226	SOLSTAR PHARMA INC.
2021327863	GOLDMAN SACHS & CO. LLC	2021337479	LG ELECTRONICS INC.
2021328150	DIGITAL DIAGNOSTICS INC.	2021337531	UNIVERSITY OF IOWA RESEARCH FOUNDATION
2021330004	TRIPLE HAIR INC.	2021338278	BROWN UNIVERSITY; RHODE ISLAND HOSPITAL
2021330685	OMNICELL, INC.	2021338375	RAVEN INDUSTRIES, INC.
2021330838	OMNICELL, INC.	2021338393	SHANDONG SIMCERE BIOPHARMACEUTICAL CO., LTD.
2021330872	SHANGHAI JUNSHI BIOSCIENCES CO., LTD.	2021338445	QINETIQ LIMITED
2021330883	SHANGHAI JUNSHI BIOSCIENCES CO., LTD.	2021338496	ACLARIS WATER INNOVATIONS GMBH , LINDAU , ZWEIGNIEDERLASSUNG REBSTEIN
2021331178	CAROL COLE COMPANY	2021339079	ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP
2021331530	IMPLANTICA PATENT LTD	2021339265	PETRÓLEO BRASILEIRO S.A. - PETROBRAS
2021331701	ETHICON, INC.	2021339330	BOOMGROW PRODUCTIONS SDN BHD
2021331797	USS VETERAN SERVICES COMPANY LLC	2021339589	ILLINOIS TOOL WORKS INC.
2021331840	ANI TECHNOLOGIES PRIVATE LIMITED	2021339671	MAPMYID, INC.
2021332019	JANSSSEN PHARMACEUTICA NV	2021339814	PINNACLE BIOLOGICS, INC.
2021332076	OMNICELL, INC.	2021340244	BIONOU RESEARCH S.L.
2021332078	OMNICELL, INC.	2021340274	FITZMAURICE, A.L.
2021332130	ETHICON, INC.	2021340295	AIVF LTD.
2021332215	EOS ENERGY TECHNOLOGY HOLDINGS, LLC	2021340545	CHEMETICS INC.
2021332217	ELI LILLY AND COMPANY	2021340616	ILLINOIS TOOL WORKS INC.
2021332250	UNIVERSITY OF SOUTH FLORIDA; POLYMATERIALS APP LLC	2021340793	VOR BIOPHARMA INC.
2021332278	COLLIDION, INC.	2021340933	CITIZEN WATCH CO., LTD.
2021332494	ETALON DIAGNOSTICS	2021341412	GLOBALFORCE IP LIMITED
2021332886	BEIJING TIDE PHARMACEUTICAL CO., LTD.	2021341744	STRYKER EUROPEAN OPERATIONS LIMITED
2021333027	BOREALIS AG	2021341770	SOMERSET INTERNATIONAL FINANCE LIMITED
2021333199	ANALOG DEVICES INTERNATIONAL UNLIMITED COMPANY	2021341853	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2021333389	ZELLABOX PTY LTD	2021341888	VASCULAR BIOGENICS LTD.
2021333392	STUBS PTY LTD	2021341955	ILLINOIS TOOL WORKS INC.
2021333467	VELTA HOLDING US INC; RD TITAN GROUP, TOV	2021342029	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH
2021333518	OMNICELL, INC.	2021342045	CONOCOPHILLIPS COMPANY
2021333744	KNITREGEN LIMITED	2021342271	CARIS MPI, INC.
2021333853	DEPUY SYNTHES PRODUCTS, INC.	2021342448	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2021333882	JANSSSEN BIOTECH, INC.	2021342513	ZILLOW, INC.
2021334058	LTS LOHMANN THERAPIE-SYSTEME AG	2021342517	BRISTOL-MYERS SQUIBB COMPANY
2021334324	ARCHER DANIELS MIDLAND COMPANY	2021342788	ENERSOFT INC.
2021334361	BRISTOL-MYERS SQUIBB COMPANY	2021343163	SHENYANG HAIER REFRIGERATOR CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.
2021334366	ARSENAL BIOSCIENCES, INC.		
2021335183	ANI TECHNOLOGIES PRIVATE LIMITED		
2021335184	ANI TECHNOLOGIES PRIVATE LIMITED		
2021335239	Chenland Nutritionals, Inc.; Qingdao Chenland Health Industry Group Co., Ltd.		
2021335378	MEDICAGO INC.		

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2021343202	CHONGQING HAIER REFRIGERATION ELECTRIC APPLIANCE CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2021350732	SCOUT BIO, INC.
2021343371	GREEN BOOM CORP.	2021350840	ARTISAN VEHICLE SYSTEMS, INC.
2021343534	REVERAGEN BIOPHARMA, INC.	2021350982	CSPC ZHONGQI PHARMACEUTICAL TECHNOLOGY (SHIJIAZHANG) CO., LTD
2021343594	SHANGHAI LYN-CREST ENTERPRISE MANAGEMENT CO., LTD.	2021351332	DAIKIN INDUSTRIES, LTD.; DAICEL CORPORATION
2021344177	SALEH, M.S.; CRUICKSHANK, A.C.; KELLY, R.J.M.	2021351478	BECTON, DICKINSON AND COMPANY
2021344298	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2021351512	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2021344716	PA KNOWLEDGE LIMITED	2021351548	SWEETWATER ENERGY, INC.
2021344816	CERAPHI ENERGY LIMITED	2021351639	LINDSAY CORPORATION
2021344846	AVURE TECHNOLOGIES INCORPORATED	2021351720	SANGAMO THERAPEUTICS, INC.
2021345026	ARROWHEAD PHARMACEUTICALS, INC.	2021351733	GEOQUEST SYSTEMS B.V.
2021345259	MARYA 225 LLC	2021351927	TOLMAR INTERNATIONAL LIMITED
2021345262	REGENERON PHARMACEUTICALS, INC.	2021351946	PFIZER INC.
2021345267	THETFORD BV	2021351948	KERAVOS LIMITED
2021345349	SYSTIMMUNE, INC.; BAILI-BIO (CHENGDU) PHARMACEUTICAL CO., LTD.	2021352040	ASAKA RIKEN CO.,LTD.
2021345359	PROGENITY, INC.	2021352108	VADERIS THERAPEUTICS AG
2021345378	SCHENCK PROCESS AUSTRALIA PTY LIMITED	2021352697	DAIKIN INDUSTRIES, LTD.
2021345423	PRELUDE THERAPEUTICS, INCORPORATED	2021352833	CHEW, R.D.; CHEW, R.P.
2021345709	HEFEI HAIER REFRIGERATOR CO.,LTD; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2021352986	CHILDREN'S HOSPITAL MEDICAL CENTER
2021345713	QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2021353112	NICOVENTURES TRADING LIMITED
2021345714	SHENYANG HAIER REFRIGERATOR CO., LTD.; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.	2021353406	ROSEMOUNT INC.
2021346654	UHOO PTE LTD	2021353430	ZOETIS SERVICES LLC
2021346729	SHANGHAI HENLIUS BIOTECH, INC.; SHANGHAI HENLIUS BIOPHARMACEUTICAL CO., LTD.; SHANGHAI HENLIUS BIOLOGICS CO., LTD.	2021353503	DECIMADX, LLC
2021346840	PHILIP MORRIS PRODUCTS S.A.	2021353584	SWEETWATER ENERGY, INC.
2021347112	APPLE INC.	2021353586	FATE THERAPEUTICS, INC.
2021347154	TRISALUS LIFE SCIENCES, INC.	2021353594	STRONG FORCE IOT PORTFOLIO 2016, LLC
2021347171	W.C. BRADLEY CO.	2021353867	NEUEXCELL THERAPEUTICS INC.
2021347320	THE JACKSON LABORATORY	2021353938	CUMMINS POWER GENERATION INC.
2021347335	ASCEND PERFORMANCE MATERIALS OPERATIONS LLC	2021353955	NEURO DEVICE GROUP S.A.
2021347367	COLLIER METAL SPECIALTIES, LTD.	2021353960	HUECK FOLIEN GESELLSCHAFT M.B.H.
2021347690	TRISALUS LIFE SCIENCES, INC.	2021353982	PHILIP MORRIS PRODUCTS S.A.
2021347930	HUSQVARNA AB	2021354134	BPG SALES AND TECHNOLOGY INVESTMENTS, LLC
2021348146	X DEVELOPMENT LLC	2021354680	MICROPORT NAVIBOT (SUZHOU) CO., LTD.
2021348321	BEIJING JINGKELUN ENGINEERING DESIGN AND RESEARCH INSTITUTE CO., LTD.	2021354760	BIOMARIN TECHNOLOGIES B.V.
2021349204	BARNET PRODUCTS, LLC	2021354766	BIOTEMPT B.V.
2021349277	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL	2021354912	BAMBINO PREZIOSO SWITZERLAND AG
2021349350	BRAIME GROUP PLC	2021354974	INNOVOPRO LTD.
2021349359	ALTECT, INC.	2021355246	DNP FINE CHEMICALS CO., LTD.
2021349381	APPLE INC.	2021355274	CHEW, R.D.; CHEW, R.P.; CHEW, K.M.D.
2021349382	APPLE INC.	2021355353	JOHN MEZZALINGUA ASSOCIATES, LLC
2021349574	KYOTO UNIVERSITY; NATIONAL UNIVERSITY CORPORATION SHIGA UNIVERSITY OF MEDICAL SCIENCE	2021355362	NEUEXCELL THERAPEUTICS INC.
2021349779	PLATT, T.	2021355445	BAE SYSTEMS CONTROLS INC.
2021349855	CATERPILLAR INC.	2021355495	SWEETWATER ENERGY, INC.
2021349867	M.C. DEAN, INC.	2021355497	DICKINSON CORPORATION
2021349927	DAREX, LLC	2021355521	ELI LILLY AND COMPANY
2021350011	EPIVAX, INC.	2021355540	DETNET SOUTH AFRICA (PTY) LTD
2021350031	UNIVERSITY OF CINCINNATI	2021355540	NIPPON FIBER CORPORATION
2021350078	UNIKUM THERAPEUTICS APS	2021355650	FISCHER, S.; WILKE, T.; MOHR, B.
2021350098	WESTROCK PACKAGING SYSTEMS, LLC	2021355901	CHIOME BIOSCIENCE INC.
2021350122	ARTISAN VEHICLE SYSTEMS, INC.	2021355919	FRAUSCHER SENSOR TECHNOLOGY GROUP
2021350127	PHILIP MORRIS PRODUCTS S.A.	2021356025	GMBH
2021350186	TAE TECHNOLOGIES, INC.	2021356098	BRUCKBAUER, W.
2021350425	BILLERUD AKTIEBOLAG (PUBL)	2021356136	PHILIP MORRIS PRODUCTS S.A.
2021350469	AHN, J.H.	2021356331	UNIVERSITY OF SOUTH AUSTRALIA
2021350535	FISHER & PAYKEL HEALTHCARE LIMITED	2021356404	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.
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		2021356684	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA
		2021356706	APPLIED MEDICAL RESOURCES CORPORATION
		2021356708	SANA BIOTECHNOLOGY, INC.
		2021357046	SILICON VALLEY INNOVATIONS, INC.
		2021357353	HAULOTTE GROUP
		2021357436	PHOENIX CONTACT GMBH & CO. KG
		2021357581	PORCHER INDUSTRIES
		2021357683	THE BOEING COMPANY
		2021357826	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM

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2021357843	DUPONT NUTRITION BIOSCIENCES APS	2021376367	ELI LILLY AND COMPANY
2021358027	ALEXION PHARMACEUTICALS, INC.	2021376490	BECTON, DICKINSON AND COMPANY
2021358146	FIBRACAST LTD.	2021377151	RIM-LOCK INNOVATIONS PTY LTD
2021358470	I R KINETICS LIMITED	2021377469	CLARIANT PRODUKTE (DEUTSCHLAND) GMBH
2021358511	QUANTAQ, INC.	2021377810	GENENTECH, INC.
2021358619	24M TECHNOLOGIES, INC.	2021378793	GENENTECH, INC.
2021358723	KYOCERA SENCO INDUSTRIAL TOOLS, INC.	2021379586	DELTA DEVELOPMENT TEAM, INC.
2021358752	NEXTRACKER LLC	2021380880	CHR. HANSEN A/S
2021358962	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2021381294	JPMORGAN CHASE BANK, N.A.
2021358987	ZOETIS SERVICES LLC	2021381331	INARI MEDICAL, INC.
2021359124	NICOVENTURES TRADING LIMITED	2021381549	TEUPEN MASCHINENBAU GMBH
2021359127	NICOVENTURES TRADING LIMITED	2021382058	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION
2021359166	LESAFFRE ET COMPAGNIE	2021382388	ESSILOR INTERNATIONAL
2021359289	ALCON INC.	2021384650	CB21 PHARMA, S.R.O.
2021359320	FONTERRA CO-OPERATIVE GROUP LIMITED	2021386639	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2021359457	SICHUAN BAILI PHARM CO.LTD; BAILI-BIO (CHENGDU) PHARMACEUTICAL CO., LTD.	2021387058	BEIJING YUTAN TECHNOLOGY CO., LTD
2021359632	ECO COMPTEUR	2021387639	TRUMA GERÄTE TECHNIK GMBH & CO. KG
2021359640	SCHENCK PROCESS AUSTRALIA PTY LIMITED	2021389154	SCARAMUZZA, M.
2021359776	NICOVENTURES TRADING LIMITED	2021391555	STERITEC PRODUCTS MFG. CO., INC.
2021359805	SIGVARIS AG	2021392036	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2021359816	UNILEVER GLOBAL IP LIMITED	2021393968	F. HOFFMANN-LA ROCHE AG
2021359853	SALK INSTITUTE FOR BIOLOGICAL STUDIES	2021398802	TIANJIN JIKUN MEDICAL TECHNOLOGY CO., LTD.
2021360236	QUADSAT APS	2021399749	SIEMENS HEALTHINEERS NEDERLAND B.V.
2021360288	ALCON INC.	2021402145	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2021360489	FAST IP, LLC	2021402248	TYCO FIRE PRODUCTS LP
2021360493	POPSOCKETS LLC	2021404358	KARL LEIBINGER MEDIZINTECHNIK GMBH & CO. KG
2021360517	VITRO FLAT GLASS LLC	2021407827	ABBISKO THERAPEUTICS CO., LTD.
2021360758	BIZBOXES, LLC; HURRY, J.P.	2021409842	CJ CHEILJEDANG CORPORATION
2021361083	ALMIRALL, S.A.	2021413086	BLUE RIVER TECHNOLOGY INC.
2021361155	SIMPSON STRONG-TIE COMPANY INC.	2021413102	BLUE RIVER TECHNOLOGY INC.
2021361340	TYRRELLS ADMINISTRATION PTY LTD	2021443988	Castu Co., Ltd.
2021361987	CAAMTECH, INC.	2021454582	Zasso Group AG; Zasso Brasil Indústria e Comércio de Máquinas LTDA.
2021362238	PIONEER HI-BRED INTERNATIONAL, INC.	2021466253	ZHEJIANG CFMOTO POWER CO., LTD.
2021362825	KAKADU R & D PTY LTD	2022206552	IPB INTELLIGENT PILL BOX UG (HAFTUNGSBESCHRÄNKT)
2021362841	FUZHOU UNIVERSITY	2022228118	Vtec Co., Ltd.
2021363043	ELLEPOT A/S	2022258955	ACADEMIA SINICA
2021363089	VECTURA DELIVERY DEVICES LIMITED	2022268300	iKamper Co., Ltd.
2021363609	INTERVET INTERNATIONAL B.V.	2022291618	Nanjing Anji Biological Technology Co., Ltd.
2021363613	INTERVET INTERNATIONAL B.V.	2022330596	GEA MECHANICAL EQUIPMENT ITALIA S.P.A.
2021364399	THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022331906	Tongwei Solar (Meishan) Co., Ltd.
2021364894	EDWARDS LIFESCIENCES CORPORATION	2022331910	Hanton, R.
2021365141	RADIC8 PTE LTD	2022350408	YUNJING INTELLIGENCE (SHENZHEN) CO., LTD.; YUNJING INTELLIGENCE TECHNOLOGY (DONGGUAN) CO., LTD.
2021365812	ALIGOS THERAPEUTICS, INC.		
2021365848	NITE IZE, INC.		
2021366096	PROTECHNA S.A.		
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2021366741	ROOTPATH GENOMICS, INC.		
2021367849	COOPERSURGICAL, INC.		
2021367970	OCULAR THERAPEUTIX, INC.		
2021367988	FORMYCON AG		
2021368118	UNIVERSITY OF WASHINGTON; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA		
2021369170	SIEMENS GAMESA RENEWABLE ENERGY INNOVATION & TECHNOLOGY S.L.		
2021369580	PIONEER HI-BRED INTERNATIONAL, INC.		
2021369809	ELANCO TIERGESUNDHEIT AG		
2021370886	ALIBABA GROUP HOLDING LIMITED		
2021371032	RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL		
2021371057	PIONEER HI-BRED INTERNATIONAL, INC.		
2021371136	MERCK SHARP & DOHME LLC		
2021372121	KYUSHU UNIVERSITY, NATIONAL UNIVERSITY CORPORATION		
2021372389	SAINT LOUIS UNIVERISTY; PELAGOS PHARMACEUTICALS, INC.		
2021372440	CAPITAL ONE SERVICES, LLC		
2021373166	BECTON, DICKINSON AND COMPANY		
2021374990	HINGE HEALTH, INC.		

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2021368118					

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2021358511	2020467090	2021331840	2020472128	2022331906	2021350186
<u>G01J 5 /-</u>	<u>G02B 5 /-</u>	2021335183	<u>G10L 15 /-</u>	<u>H01M 10 /-</u>	<u>H02S 20 /-</u>
2021359632	2020467090	2021335184	2021381294	2021331530	2021358752
<u>G01K 13 /-</u>	<u>G02C 7 /-</u>	2021413086	<u>G10L 19 /-</u>	2021332215	<u>H02S 50 /-</u>
2021347930	2021382388	<u>G06Q 10 /-</u>	2021357840	2021332250	2020469182
<u>G01L 5 /-</u>	<u>G02F 1 /-</u>	2021290248	<u>G10L 25 /-</u>	2021358619	<u>H01M 4 /-</u>
2021357436	2021360517	2021335184	2021381294	<u>H01M 50 /-</u>	<u>H03M 7 /-</u>
<u>G01M 17 /-</u>	<u>G05B 13 /-</u>	<u>G06Q 20 /-</u>	<u>G16B 10 /-</u>	2021332215	<u>H04B 13 /-</u>
2021354134	2021353594	2021360758	2021332494	2021358619	2021362825
<u>G01N 1 /-</u>	<u>G05B 19 /-</u>	2021372440	<u>G16B 20 /-</u>	<u>H01M 50 /-</u>	<u>H04B 7 /-</u>
2021346654	2021353594	<u>G06Q 30 /-</u>	2021332494	2021332215	2020470208
2021358511	<u>G05D 1 /-</u>	2021339671	<u>G16B 20 /-</u>	2021349359	2021360236
<u>G01N 15 /-</u>	2021349855	2021357353	2021332494	2021350840	<u>H01Q 3 /-</u>
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<u>G01N 21 /-</u>	<u>G06E 1 /-</u>	2021381294	2021351512	<u>H01Q 9 /-</u>	2021327863
2021342788	2021351478	<u>G06Q 50 /-</u>	<u>G16C 20 /-</u>	2021355353	<u>H04L 61 /-</u>
2021350031	<u>G06F 1 /-</u>	2020472759	2021348146	2021355353	2021327863
2021391555	<u>G06F 1 /-</u>	2021331840	<u>G16H 20 /-</u>	<u>H01R 13 /-</u>	<u>H04M 1 /-</u>
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2021347930	<u>G06F 16 /-</u>	2021335184	2022206552	<u>H01R 43 /-</u>	2021365848
<u>G01N 33 /-</u>	2021342513	2021342513	<u>G16H 40 /-</u>	<u>H01R 43 /-</u>	<u>H04M 3 /-</u>
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2021346654	2021361340	2021361340	<u>G21D 1 /-</u>	<u>H02J 13 /-</u>	<u>H04W 12 /-</u>
2021347930	<u>G06F 21 /-</u>	<u>G06Q 90 /-</u>	2021355650	2021352697	2021331530
2021350031	<u>G06F 21 /-</u>	2020472759	<u>G21F 1 /-</u>	<u>H02J 3 /-</u>	<u>H04W 72 /-</u>
2021353503	2021331530	<u>G06T 7 /-</u>	2021342029	2020475318	2020470208
2021356331	2021353112	2021331797	<u>G21F 9 /-</u>	2021336383	<u>H04W 84 /-</u>
2021356578	<u>G06F 3 /-</u>	2021374990	2021355650	2021352697	2021353594
2021366741	2021347112	<u>G06V 10 /-</u>	<u>H01B 1 /-</u>	2021369170	<u>H05K 5 /-</u>
2021371032	2021349381	<u>G06V 20 /-</u>	<u>H01B 11 /-</u>	<u>H02J 50 /-</u>	2021360493
2021372121	2021349382	2021334361	2021357683	2021331530	<u>H05K 7 /-</u>
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2021391555	2021361340	<u>G08B 13 /-</u>	<u>H01B 7 /-</u>	<u>H02K 1 /-</u>	
<u>G01N 37 /-</u>	<u>G06F 7 /-</u>	2021352833	2021333027	<u>H02K 3 /-</u>	
2021342788	2021332078	2021355274	<u>H01B 9 /-</u>	<u>H02K 7 /-</u>	
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2021354134					

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G06F 3/0485 (2013.01)
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C12Q 1/22 (2006.01)
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E05F 15/40 (2015.01)

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 ING PROGRAM, IMAGE DECODING
 DEVICE, IMAGE DECODING METH-
 OD AND IMAGE DECODING PRO-
 GRAM
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H04N 19/119 (2014.01)
H04N 19/136 (2014.01)

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F02M 21/02 (2006.01)
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A61F 13/15 (2006.01)
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C01B 13/00 (2006.01)
A61J 1/05 (2006.01)
A61L 31/02 (2006.01)
A61L 31/06 (2006.01)
A61L 31/10 (2006.01)
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C01B 15/037 (2006.01)
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H04B 1/715 (2011.01)
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B05B 17/06 (2006.01)
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G01D 4/00 (2006.01)
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F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
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 (51) Int. Cl.
F25D 11/04 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
F25C 5/02 (2006.01)
F25C 5/18 (2018.01)
F25D 11/00 (2006.01)
F25D 25/02 (2006.01)
F25D 29/00 (2006.01)
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B25J 11/00 (2006.01)
A47L 9/28 (2006.01)
B25J 9/16 (2006.01)
B25J 19/02 (2006.01)
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 water-purification device including the
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C02F 1/28 (2006.01)
B01D 39/20 (2006.01)
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F25D 23/02 (2006.01)

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H01H 83/04 (2006.01)
H02H 1/00 (2006.01)
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2017432641	Rovi Guides, Inc.	2019256682	Thomas Helledays Stiftelse för Medicinsk Forskning
2017440160	NTT DOCOMO, INC.	2019260240	Fujian Akeylink Biotechnology Co., Ltd.
		2019260788	Samay, Inc.

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2019262857	Radux Devices, LLC	2020300634	Vetco Gray Scandinavia AS
2019271227	Holobeam Technologies Inc.	2020307108	Nagaki Seiki Co., Ltd.
2019274687	Lumus Ltd.	2020313326	Genesen Co., Ltd.
2019275350	The Toro Company	2020326552	Eli Lilly and Company
2019278299	Ideematec Deutschland GmbH	2020327511	GIRM Biosafety Technology Co. Ltd.
2019284745	Yokogawa Electric Corporation	2020335820	Touchstone International Medical Science Co., Ltd.
2019308467	Electronic Controls Company	2020348594	Cartiva, Inc.
2019320555	Applied Science & Technology Solutions Ltd	2020350902	Guangzhou Shiyuan Electronics Co., Ltd.; Guangzhou Shirui Electronics Co., Ltd.
2019337242	Huawei Technologies Co., Ltd.	2020351072	Apple Inc.
2019340383	Crane & Co., Inc.	2020353910	Daikin Industries, Ltd.
2019352068	Curadis GmbH	2020367314	Suncom Energy B.V.
2019353490	LG Electronics Inc.	2020398568	Chevron U.S.A. Inc.
2019355675	LG Electronics Inc.	2020401733	Noscendo GmbH
2019370221	Labcyte Inc.	2020402942	ScinnoHub Pharmaceutical Co., Ltd
2019382420	China Wonderland Nurserygoods Co., Ltd.	2020406363	3M Innovative Properties Company
2019389075	Unilever Global IP Limited	2020410032	Equinor Energy AS
2019399603	Graphic Packaging International, LLC	2020439411	General Mills, Inc.
2019400702	Lanxess Deutschland GmbH	2021200429	Minerva Biotechnologies Corporation
2019406965	Inventio AG	2021200481	The General Hospital Corporation
2019407082	Inventio AG	2021200528	Caisson Interventional, LLC
2019410856	Leica Geosystems AG	2021200928	Bayer HealthCare LLC
2019415997	Inventio AG	2021201414	AbbVie Inc.
2019428015	Hewlett-Packard Development Company, L.P.	2021201585	Identiflight International, LLC
2019430430	Metso Outotec Finland Oy	2021201670	Soliton, Inc.
2019440809	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2021201787	FISHER & PAYKEL HEALTHCARE LIMITED
2019443048	Zhejiang Funlithium New Energy Tech Co., Ltd.	2021201980	Abbott Diagnostics Scarborough, Inc.
2019443820	ZTE Corporation	2021202379	Verastem, Inc.
2019444491	Deflect LLC	2021202522	Pfizer Inc.
2020201153	Seagen Inc.; Agsys, Inc.	2021202523	Eli Lilly and Company
2020201904	Huawei Technologies Co., Ltd.	2021202564	Werner Co.
2020203510	Reata Pharmaceuticals Holdings, LLC	2021202617	DEKA Products Limited Partnership
2020204063	Chitogel Limited	2021202618	DEKA Products Limited Partnership
2020211092	Lumus Ltd.	2021202659	Nevro Corporation
2020215595	Labcyte Inc.	2021202788	Server Technology, Inc
2020215801	Hemispherian AS	2021202838	LG Electronics Inc.
2020219234	Skillz Platform Inc.	2021202841	Canon Kabushiki Kaisha
2020222452	Nippon Telegraph and Telephone Corporation	2021202994	IESO Digital Health Limited
2020223611	IHI Corporation	2021202996	360 Knee Systems Pty Ltd
2020225189	VMware, Inc.	2021203013	Disruption Labs Inc.
2020231415	YETI Coolers, LLC	2021203022	Apple Inc.
2020231829	Metalogenia Research & Technologies, S.L.	2021203024	SCHREDER
2020234892	Inventio AG	2021203036	ESCO Group LLC
2020236933	Microbiotix, Inc.; The UAB Research Foundation	2021204136	Legochem Biosciences, Inc.
2020237079	Tencent America LLC	2021204295	Evapco, Inc.
2020242316	Nicoventures Trading Limited	2021204341	Otonexus Medical Technologies, Inc
2020244517	Chugai Seiyaku Kabushiki Kaisha	2021204520	Orgenesis Inc.
2020244587	Grains Research and Development Corporation; University of South Australia	2021204613	Snap-on Incorporated
2020245058	AUTONOMOUS MEDICAL DEVICES INCORPORATED	2021204711	LG Electronics Inc.
2020245300	Signode Industrial Group LLC	2021204713	LG Electronics Inc.
2020245304	Zevex, Inc.	2021206674	Control Components, Inc.
2020246484	Huawei Technologies Co., Ltd.	2021206862	Hypertherm, Inc.
2020247141	LG Electronics Inc.	2021208652	Cisco Technology, Inc.
2020249938	Kabushiki Kaisha Toyota Jidoshokki	2021208986	Boegli-Gravures SA
2020254639	Kortuc Inc.	2021209331	CRISI Medical Systems, Inc.
2020254771	The Pokémon Company International, Inc.	2021212100	MasterCard International Incorporated
2020256485	Xinjiang Goldwind Science & Technology Co., Ltd.	2021212132	Immatics Biotechnologies GmbH
2020257079	AIT Austrian Institute Of Technology GmbH; Indigo Agriculture, Inc.	2021215294	Abbott Diabetes Care Inc.
2020263374	Mekonos Inc.	2021217693	Stout Industrial Technology, Inc.
2020268935	Shanghai Futai Technology Co., Ltd.	2021219960	Electrochaea GmbH
2020270491	Stryker Corporation	2021221786	Chadra Laboratories LLC
2020277091	Sangamo Therapeutics, Inc.	2021225185	Rifeng Enterprise Group Co., Ltd.; Rifeng Enterprise (Foshan) Co., Ltd.; Rifeng Technology Co., Ltd.
2020277328	Youmail, Inc.	2021225947	CaaMTech, Inc.
2020281155	Medisca Pharmaceutique, Inc.	2021237646	CaaMTech, Inc.
2020282980	The Procter & Gamble Company	2021240136	Apple Inc.
2020284167	Chong Kun Dang Pharmaceutical Corp.	2021240280	Lynk Global, Inc.
2020289149	Hangzhou Highlightl Pharmaceutical Co., Ltd.	2021246640	Motorola Solutions, Inc.
2020291534	Phosphorus Free Water Solutions, LLC	2021250951	Tao Mining Co., Ltd.
2020296142	Telefonaktiebolaget LM Ericsson (Publ)	2021250956	Stryker Corporation
		2021250968	LG ELECTRONICS INC.
		2021250971	Monsanto Technology LLC

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2021254558 Institute of Exploration Techniques, Chinese Academy
of Geological Sciences
2021257899 ARQ IP Limited
2021257938 Traeger Pellet Grills, LLC
2021261856 BAYLOR COLLEGE OF MEDICINE
2021261893 Massachusetts Eye & Ear Infirmary; Schepens Eye Re-
search Institute
2021264298 Dong-A ST Co., Ltd.
2021266200 Aerotec Power Pty Ltd
2021266326 Faiveley Transport Rail Technologies India Pvt. Ltd.
2021266330 Hai Robotics Co., Ltd.
2021269308 Weber, P.
2021269355 Hip Innovation Technology, LLC
2021269906 International Business Machines Corporation
2021272726 International Business Machines Corporation
2021276638 International Business Machines Corporation
2021277595 Palo Alto Networks, Inc.
2021281028 Airbus Defence and Space SAS
2021282436 Inspire Medical Systems, Inc.
2021285952 International Business Machines Corporation
2021286293 Visa International Service Association
2021288908 Carl Zeiss Meditec AG
2021290153 Zebra Technologies Corporation
2021290300 MAKO Surgical Corp.
2021293945 ZEAVISION LLC
2021294112 International Business Machines Corporation
2021299518 Karallief, Inc.
2021308950 Motorola Solutions, Inc.
2021314471 DAMAE Medical
2021326261 Rittec Umwelttechnik GmbH
2021340722 Scientific Drilling International, Inc.
2021346299 Fakhari, V.
2021349226 PROSCIA INC.
2021356421 ZTE CORPORATION
2022200162 Schneider Electric Industries SAS
2022200349 Bühler AG
2022200394 Becton, Dickinson and Company
2022200408 Waymo LLC
2022200428 Buffalo Filter LLC
2022200613 McLaughlin Gormley King Company
2022201372 Schneider Electric Industries SAS
2022201519 Tsann Kuen (Zhangzhou) Enterprise Co., Ltd.
2022202530 Ab Initio Technology LLC
2022202685 ViaSat, Inc.
2022202749 Credly, Inc.
2022203163 UPL Ltd
2022203280 ExoAnalytic Solutions, Inc.
2022203353 JVCKENWOOD Corporation
2022203607 BrainChip, Inc.
2022203755 Intuit Inc.
2022203984 Dolby Laboratories Licensing Corporation
2022204048 Telefonaktiebolaget LM Ericsson (publ)
2022204537 L3Harris Technologies, Inc.
2022209277 Apple Inc.
2022211803 Anduril Industries, Inc.
2022235573 Dolby Laboratories Licensing Corporation
2022252743 KDB INTELLECTUAL PTY LTD
2022348890 Janus Electric Pty Ltd
2023200400 Guerbet
2023200421 Ab Initio Technology LLC
2023201749 Syed, R.; Allikian, K.; Gao, Y.

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<u>A01C 7 /-</u>	<u>A01N 63 /-</u>	2017298557	<u>A61B 50 /-</u>	2020289149	2017298648
2018201040	2020257079	<u>A47C 5 /-</u>	2017409008	2020326552	2017300740
<u>A01D 34 /-</u>	<u>A01N 65 /-</u>	2017331648	<u>A61B 6 /-</u>	2020402942	2017318333
2019275350	2022200613	<u>A47C 7 /-</u>	2019262857	2021201414	2017324844
<u>A01D 41 /-</u>	<u>A01P 13 /-</u>	2017331648	<u>A61B 7 /-</u>	2021202379	2017357589
2020244587	2022203163	<u>A47D 7 /-</u>	2019260788	2021203013	2017374450
<u>A01D 75 /-</u>	<u>A01P 21 /-</u>	2019382420	<u>A61B 8 /-</u>	2021237646	2018401078
2020244587	2020257079	<u>A47G 23 /-</u>	2019260788	2021261856	2021200481
<u>A01F 12 /-</u>	<u>A23G 3 /-</u>	2018241519	<u>A61C 7 /-</u>	<u>A61K 35 /-</u>	2021202379
2020244587	2020439411	<u>A47J 27 /-</u>	2017204417	2016318155	2021203013
<u>A01G 18 /-</u>	<u>A23K 20 /-</u>	2017245377	<u>A61F 13 /-</u>	<u>A61K 36 /-</u>	2021204520
2023201749	2018222468	<u>A47J 31 /-</u>	2017409008	2017349996	2021299518
<u>A01G 25 /-</u>	<u>A23K 50 /-</u>	2022201519	2018214803	2023201749	2023201749
2017334264	2018222468	<u>A47J 37 /-</u>	<u>A61F 2 /-</u>	<u>A61K 38 /-</u>	2016318155
<u>A01K 14 /-</u>	<u>A23N 3 /-</u>	2021257938	2020348594	2016318155	2018221080
2017280090	2018287546	<u>A47L 13 /-</u>	2021200528	2018234810	<u>A61L 15 /-</u>
<u>A01K 43 /-</u>	<u>A24F 40 /-</u>	2018221080	2021269355	2021204520	2018214803
2017301892	2020242316	<u>A47L 9 /-</u>	2021288908	2021264298	2020204063
<u>A01K 45 /-</u>	<u>A24F 47 /-</u>	2020247141	<u>A61H 23 /-</u>	<u>A61K 39 /-</u>	<u>A61L 2 /-</u>
2017301892	2018246293	<u>A61B 17 /-</u>	2021201670	2016318155	2017357745
<u>A01K 61 /-</u>	<u>A41D 13 /-</u>	2017354078	<u>A61H 39 /-</u>	2018234810	2018221080
2017341749	2019249269	2020335820	2021250951	2021204520	<u>A61L 27 /-</u>
<u>A01K 67 /-</u>	<u>A42B 3 /-</u>	2021201670	<u>A61J 1 /-</u>	2021264298	2020348594
2021200429	2018292722	2021202996	2020254639	<u>A61K 45 /-</u>	<u>A61L 31 /-</u>
<u>A01M 1 /-</u>	<u>A45C 11 /-</u>	<u>A61B 18 /-</u>	2021200928	2017298648	2020254639
2017280090	2020231415	2017354078	<u>A61J 3 /-</u>	2017300740	<u>A61M 1 /-</u>
<u>A01N 25 /-</u>	<u>A45C 13 /-</u>	2018288649	2017371180	2017318333	2020270491
2018221080	2020231415	2021201670	<u>A61K 31 /-</u>	2020201153	2021202617
<u>A01N 33 /-</u>	<u>A45C 3 /-</u>	2021269308	2016342371	2021202379	2021202618
2018215578	2020231415	2022200428	2017260706	2021202522	<u>A61M 16 /-</u>
<u>A01N 37 /-</u>	<u>A45D 24 /-</u>	<u>A61B 3 /-</u>	2017298648	2021261893	2018292722
2021250971	2017280090	2017382218	2017300740	<u>A61K 47 /-</u>	2021201787
<u>A01N 43 /-</u>	<u>A45D 40 /-</u>	2021293945	2017318333	2020313326	<u>A61M 25 /-</u>
2018215578	2020231415	<u>A61B 34 /-</u>	2017324844	2021203013	2017373953
2022203163	2020281155	2018261446	2017345214	<u>A61K 48 /-</u>	2017409008
<u>A01N 57 /-</u>	<u>A45D 44 /-</u>	2021202996	2017349996	2017266929	<u>A61M 37 /-</u>
2022203163	2019249269	2021290300	2017357589	2018346102	2020268935
	<u>A47C 27 /-</u>	<u>A61B 5 /-</u>	2017374450	<u>A61K 49 /-</u>	<u>A61M 39 /-</u>
		2021202523	2017383102	2023200400	2017357745
		2021204341	2018316587	<u>A61K 6 /-</u>	<u>A61M 5 /-</u>
		2021215294	2019256682	2018232235	2017357745
		2021250956	2019260240	<u>A61K 8 /-</u>	2018230486
		2021282436	2019352068	2019389075	2020254639
		2021293945	2020201153	2020281155	2021200928
			2020203510	2021299518	2021209331
			2020204063	<u>A61K 9 /-</u>	2022200394
			2020215801		<u>A61M 60 /-</u>
			2020236933		2017378806
			2020284167		<u>A61N 1 /-</u>
					2020268935
					2021202659

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<u>A61N 5 /-</u>	2020402942 2021202379 2021261856	<u>A63F 1 /-</u>	2019430430	2017342702	<u>B64G 3 /-</u>
2019262857 2019271227		2020254771	<u>B05B 17 /-</u>	<u>B41J 2 /-</u>	2022203280
<u>A61N 7 /-</u>	<u>A61P 37 /-</u>	<u>A63F 13 /-</u>	2020215595	2019370221 2019428015	<u>B65B 11 /-</u>
2019271227	2019256682 2020289149 2021261893	2020219234	<u>B05B 3 /-</u>	<u>B42D 25 /-</u>	2020245300
<u>A61P 11 /-</u>	<u>A61P 43 /-</u>	<u>A63F 9 /-</u>	2018230266	2018271143 2018322924 2019340383	<u>B65B 13 /-</u>
2017345214 2019256682	2017298648 2021261893	2020219234 2020254771	<u>B08B 1 /-</u>	2018221080	2020245300
<u>A61P 13 /-</u>	<u>A61P 7 /-</u>	<u>B01D 17 /-</u>	<u>B08B 9 /-</u>	<u>B44C 5 /-</u>	<u>B65B 43 /-</u>
2017357589	2017300740 2018316587 2020204063	2018295790	2018221080	2018247891	2020245300
<u>A61P 17 /-</u>	<u>A61P 9 /-</u>	<u>B01D 39 /-</u>	<u>B22F 9 /-</u>	<u>B60J 1 /-</u>	<u>B65B 57 /-</u>
2017260706 2017349996 2019256682	2017298648 2019214959 2020203510	2021202838	2017370993	2019444491	2020245300
<u>A61P 19 /-</u>	<u>A61Q 15 /-</u>	<u>B01D 46 /-</u>	<u>B25B 7 /-</u>	<u>B60K 1 /-</u>	<u>B65D 39 /-</u>
2017298648	2019389075	2022200428	2021204613	2022348890	2017348942
<u>A61P 25 /-</u>	<u>A61Q 19 /-</u>	<u>B01F 23 /-</u>	<u>B25J 11 /-</u>	<u>B60L 50 /-</u>	<u>B65D 43 /-</u>
2017298648 2017318333 2021201414	2020281155	2017332808	2020247141	2022348890	2018241519
<u>A61P 27 /-</u>	<u>A62B 18 /-</u>	<u>B01F 25 /-</u>	<u>B25J 19 /-</u>	<u>B60P 3 /-</u>	<u>B65D 71 /-</u>
2017383102 2021204520 2021261893	2018292722 2019249269	2017332808	2020247141	2019444491	2019399603
<u>A61P 29 /-</u>	<u>A62B 23 /-</u>	<u>B01J 19 /-</u>	<u>B25J 9 /-</u>	<u>B60T 15 /-</u>	<u>B65D 83 /-</u>
2019256682 2020289149	2019249269	2018250317	2020247141	2021266326	2018254793
<u>A61P 3 /-</u>	<u>A62B 7 /-</u>	<u>B01J 27 /-</u>	<u>B27N 3 /-</u>	<u>B60T 17 /-</u>	<u>B65G 1 /-</u>
2017300740 2018316587 2019256682 2020326552 2021264298	2019249269	2017413746	2018247891	2021266326	2021266330
<u>A61P 31 /-</u>	<u>A62B 9 /-</u>	<u>B01L 3 /-</u>	<u>B27N 7 /-</u>	<u>B60W 30 /-</u>	<u>B65G 47 /-</u>
2016342371 2017298648 2017349996 2020236933 2021204520	2018292722	2018250317 2018266308 2019215048 2019370221 2020263374 2021201980	2018247891	2018281872	2018287546
<u>A61P 35 /-</u>	<u>A63B 24 /-</u>	<u>B01L 7 /-</u>	<u>B28B 1 /-</u>	<u>B60W 40 /-</u>	<u>B66B 11 /-</u>
2017298648 2017345214 2017383102 2018316587 2018358019 2019256682 2019260240 2019352068 2020215801 2020284167 2020289149	2020327511	2020327511	2017371625	2018281872	2017276316
	2022209277	<u>B02C 13 /-</u>	<u>B29C 64 /-</u>	<u>B61H 13 /-</u>	<u>B66B 25 /-</u>
	<u>A63B 49 /-</u>	<u>B02C 13 /-</u>	2017342702	2021266326	2019415997
	2021266200	2020244587	<u>B29C 65 /-</u>	<u>B62D 35 /-</u>	<u>B66B 5 /-</u>
	<u>A63B 51 /-</u>	<u>B02C 4 /-</u>	2017373953	2019444491	2019406965 2019415997
	2022200349	2022200349	<u>B31F 1 /-</u>	<u>B62D 5 /-</u>	<u>B66B 7 /-</u>
	<u>B03B 7 /-</u>	<u>B03B 7 /-</u>	2021208986	2017393176	2017276316
	2019430430	2019430430	<u>B32B 27 /-</u>	<u>B62D 6 /-</u>	<u>B66C 13 /-</u>
	<u>A63B 53 /-</u>	<u>B03C 5 /-</u>	2019400702	2017393176	2017271305
	2021266200	2020263374	<u>B33Y 10 /-</u>	<u>B63B 32 /-</u>	<u>B66C 15 /-</u>
	<u>A63B 59 /-</u>	<u>B03D 1 /-</u>	2017342702	2019214481	2017357105
	2021266200	2019430430	<u>B33Y 50 /-</u>	<u>B63B 39 /-</u>	<u>B66F 11 /-</u>
	<u>A63B 60 /-</u>	<u>B03D 103 /-</u>	2017342702	2016421822	2017357105
	2021266200		<u>B33Y 80 /-</u>	<u>B64C 3 /-</u>	<u>B66F 17 /-</u>
				2022211803	

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2017281901	2019256682	2020244517	<u>C10G 27 /-</u>		<u>E05B 63 /-</u>
2017357105	2019260240			<u>C23C 22 /-</u>	
<u>B66F 9 /-</u>	2021261856	<u>C07K 19 /-</u>	2017413746		2022252743
	<u>C07D 403 /-</u>	2021204136	<u>C10G 3 /-</u>	2017411563	<u>E05C 9 /-</u>
2017281901				<u>C23C 28 /-</u>	
2017393176	2019260240	<u>C07K 7 /-</u>	2017303971		2022252743
	2021261856			2017411563	
<u>B81B 7 /-</u>	<u>C07D 405 /-</u>	2020313326	<u>C10L 1 /-</u>		<u>E05F 15 /-</u>
		2021212132		<u>D06F 29 /-</u>	
2018226830			2021257899		2019407082
<u>C01B 13 /-</u>	2021261856	<u>C08F 265 /-</u>	<u>C12G 1 /-</u>	2021250968	2020234892
	<u>C07D 409 /-</u>	2018261356		<u>D06F 37 /-</u>	<u>E21B 10 /-</u>
2020254639			2017332808		
<u>C01B 15 /-</u>	2021261856	<u>C08G 73 /-</u>	<u>C12M 1 /-</u>	2021250968	2018255750
	<u>C07D 413 /-</u>	2018299214		<u>D06F 39 /-</u>	2018259954
2020254639			2020263374		<u>E21B 15 /-</u>
<u>C02F 1 /-</u>	2020284167	<u>C08G 77 /-</u>	2020327511	2017362549	
	2021261856			2021250968	2021254558
		2020406363	<u>C12N 1 /-</u>	<u>D06F 58 /-</u>	<u>E21B 17 /-</u>
2017338605	<u>C07D 417 /-</u>	<u>C08J 11 /-</u>	2021219960		
2019430430			2023201749	2016429333	2020300634
2020291534	2020284167	2021326261		2017362549	
2021202838	2021261856		<u>C12N 13 /-</u>		<u>E21B 19 /-</u>
<u>C07C 209 /-</u>	<u>C07D 471 /-</u>	<u>C08J 3 /-</u>		<u>D06P 1 /-</u>	
		2020406363	2020215595		2017271305
2018367119	2021261856		<u>C12N 15 /-</u>	2018238567	2021254558
	2023200400	<u>C08K 5 /-</u>		<u>D07B 1 /-</u>	<u>E21B 21 /-</u>
<u>C07C 211 /-</u>	<u>C07D 487 /-</u>	2017338605	2016342371		
			2018346102	2017276316	2017400534
2018367119			2020257079	2017277512	
<u>C07C 39 /-</u>	2020402942	<u>C08L 5 /-</u>	2020277091		<u>E21B 29 /-</u>
	2021225947		2021219960	<u>D21H 17 /-</u>	
2021203013	2021261856	2020204063	2021261893		2017380584
	2023200400	<u>C08L 83 /-</u>	<u>C12N 5 /-</u>	2018238567	<u>E21B 33 /-</u>
<u>C07C 45 /-</u>	<u>C07D 491 /-</u>			<u>D21H 21 /-</u>	
		2020254639	2020277091		2017324363
2018367119	2020289149	2020406363	2021200429	2018238567	<u>E21B 34 /-</u>
<u>C07C 49 /-</u>	<u>C07D 498 /-</u>	<u>C08L 95 /-</u>	<u>C12N 9 /-</u>	2019340383	
		2017409195		<u>E02B 3 /-</u>	2017324363
2018367119	2021261856		2016392823		<u>E21B 43 /-</u>
<u>C07C 51 /-</u>	<u>C07D 513 /-</u>	<u>C09B 11 /-</u>	2020277091	2017371625	
		2018336656	<u>C12P 19 /-</u>	<u>E02B 8 /-</u>	2017380584
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<u>C07D 207 /-</u>	<u>C07F 5 /-</u>	<u>C09B 15 /-</u>	2019231645	2017334264	<u>E21B 47 /-</u>
			2023201749		
2019214959	2023200400	2018336656	<u>C12P 5 /-</u>	<u>E02F 3 /-</u>	2017417164
<u>C07D 209 /-</u>	<u>C07K 1 /-</u>				2021340722
		2021219960	<u>C12Q 1 /-</u>	2021203036	<u>E21C 25 /-</u>
2021237646	2019284745	2018261356		<u>E02F 9 /-</u>	
	2020201153		2016414842		2018259954
<u>C07D 213 /-</u>	<u>C07K 14 /-</u>	<u>C09D 151 /-</u>	2017357745	2018211264	<u>E21C 35 /-</u>
		2018261356	2020327511	2020231829	
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2019260240	2017266929	<u>C09K 8 /-</u>	<u>C12R 1 /-</u>	<u>E04F 11 /-</u>	<u>E21D 21 /-</u>
2021202379	2018234810				
<u>C07D 239 /-</u>	2018358019	2017400534	2018238567	2016206347	2017204341
	2020244517			<u>E04G 1 /-</u>	
2020326552	2021202522	<u>C10G 1 /-</u>	<u>C22C 33 /-</u>		<u>E21D 9 /-</u>
	2021212132			2021202564	
<u>C07D 249 /-</u>	2021261893	2017246494		<u>E04G 5 /-</u>	2018255750
	2021264298	<u>C10G 25 /-</u>	<u>C22C 38 /-</u>		2018259954
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<u>C07D 401 /-</u>	<u>C07K 16 /-</u>	2017303971			
			2017370993		2020249938
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2020249938	2018266829	20202223611	2017317614	2018261777 2018288649 2019274687	<u>G06F 30 /-</u>
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2020249938	2018266829	2019353490 2019355675	2018250317 2021201980	<u>G02C 3 /-</u>	<u>G06F 8 /-</u>
<u>F02M 27 /-</u>	<u>F21V 14 /-</u>	<u>F25C 5 /-</u>	<u>G01N 15 /-</u>	2018292722	2018281314 2022203755 2023200421
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<u>F04B 19 /-</u>	<u>F24C 15 /-</u>	2019353490 2019355675	<u>G01N 33 /-</u>	2021272726 2021349226 2022201372	2020282980 2022202749
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<u>F04C 29 /-</u>	<u>F24F 12 /-</u>	2021204295	<u>G01R 31 /-</u>	2018281314	2018215876
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<u>F16F 1 /-</u>	<u>F24F 13 /-</u>	2018241519	<u>G01S 17 /-</u>	2020222452	2021217693
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<u>F16F 15 /-</u>	<u>F24F 3 /-</u>	2017382218	<u>G01S 7 /-</u>	2022202749	2021285952
2019253149	2018255508	<u>G01C 21 /-</u>	2019410856	<u>G06F 16 /-</u>	<u>G06Q 10 /-</u>
<u>F16F 3 /-</u>	<u>F24F 7 /-</u>	2018281872 2020351072	<u>G01V 1 /-</u>	2021208652 2021246640 2021276638 2021294112 2022202530	2018246993 2021266330 2022202749
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<u>F16G 11 /-</u>	<u>F24S 10 /-</u>	2018241519	<u>G01V 3 /-</u>	2017417164	2018246993 2021212100 2021286293
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<u>F16K 31 /-</u>	<u>F24S 23 /-</u>	2021209331	<u>G01H 15 /-</u>	2021314471	2018246993
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<u>F16L 39 /-</u>	<u>F24S 60 /-</u>	2021209331	<u>G01H 17 /-</u>	2019274687 2020211092 2021240136	<u>G06Q 50 /-</u>
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<u>F16L 9 /-</u>	2020367314	2021204341			
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2018330439	<u>G21F 3 /-</u>		<u>H04L 9 /-</u>	<u>H04W 64 /-</u>
2021203036		<u>H02K 1 /-</u>		
2022202749	2019262857	2020256485	2018263282	2018318925
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		<u>H02K 5 /-</u>	2020401733	
2021349226	2018299214		2021212100	<u>H04W 72 /-</u>
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<u>G06T 11 /-</u>	<u>H01G 4 /-</u>	<u>H02S 20 /-</u>	<u>H04M 3 /-</u>	2017440160
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<u>G06T 15 /-</u>	<u>H01H 3 /-</u>	2021346299	<u>H04N 19 /-</u>	2022204048
		<u>H03F 1 /-</u>		
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<u>G06T 17 /-</u>	<u>H01H 83 /-</u>	2018449223	2019337242	
		2019209940	2020237079	2020296142
2020398568	2022200162		2022203353	2021221786
2021206674		<u>H03F 3 /-</u>	2022235573	2022204048
<u>G06T 19 /-</u>	<u>H01J 49 /-</u>	2018449223	<u>H04N 21 /-</u>	<u>H04W 8 /-</u>
		2019209940		
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2021240136	<u>H01L 23 /-</u>	<u>H04B 1 /-</u>	2018262622	<u>H04W 84 /-</u>
<u>G06T 3 /-</u>			2018299752	
	2019209940	2021308950	2022235573	2019320555
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2021349226	<u>H01M 4 /-</u>	2021290153	2018262622	
		2022204537	<u>H04Q 9 /-</u>	<u>H05H 1 /-</u>
<u>G06T 7 /-</u>	2019443048	<u>H04B 7 /-</u>		
			2018330439	2021206862
2018261446	<u>H01Q 13 /-</u>	2021281028	<u>H04R 1 /-</u>	<u>H05K 1 /-</u>
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2021240136	2018296084	<u>H04K 3 /-</u>	2020350902	2021204713
2021349226	<u>H01Q 21 /-</u>		<u>H04S 3 /-</u>	<u>H05K 5 /-</u>
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<u>G07C 9 /-</u>	2018296084	<u>H04L 12 /-</u>	2022203984	2021204713
			<u>H04S 7 /-</u>	
2019407082	<u>H01R 13 /-</u>	2018285984		
<u>G07F 17 /-</u>		2019308467	2022203984	
	2017431018	2020222452	<u>H04W 12 /-</u>	
2020219234	2021202788	2021240280		
2020254771	<u>H01S 3 /-</u>	<u>H04L 41 /-</u>	2017332769	
<u>G08B 15 /-</u>			2020277328	
	2018288649	2020246484	2021277595	
2021201585	<u>H02G 1 /-</u>	<u>H04L 45 /-</u>	<u>H04W 24 /-</u>	
<u>G08B 21 /-</u>				
	2020307108	2020201904	2021356421	
2017357105	<u>H02H 1 /-</u>	2021281028	<u>H04W 28 /-</u>	
<u>G08G 1 /-</u>		<u>H04L 47 /-</u>		
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2018215876	<u>H02H 11 /-</u>	2020201904	<u>H04W 36 /-</u>	
2018215877		<u>H04L 5 /-</u>		
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<u>G10D 13 /-</u>	<u>H02H 3 /-</u>	2021308950	2020296142	
		<u>H04L 67 /-</u>	<u>H04W 48 /-</u>	
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<u>G16H 40 /-</u>	<u>H02H 7 /-</u>	2021208652	2017332769	
		<u>H04L 69 /-</u>	<u>H04W 52 /-</u>	
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2021202994	2017420806			

Certified Innovation Patents

Name Index

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

(71) Topaz Trading Pty Ltd
 (11) AU-B-2022100153
 (21) 2022100153 (22) 03.11.2022
 (54) A cap for covering a mounting flange of a post anchor and post anchor
 (51) Int. Cl.
 F16B 7/18 (2006.01)
 E04F 11/18 (2006.01)
 E04H 12/22 (2006.01)
 F16B 37/14 (2006.01)
 (45) 11.05.2023
 (62) 2020276319
 (72) SHEDDEN, Timothy; SHEDDEN, Jamie; SHEDDEN, Jason
 (74) Cooper IP Pty Ltd

(71) Wazza Investments Pty Ltd
 (11) AU-B-2022100124
 (21) 2022100124 (22) 05.09.2022
 (54) A shed
 (51) Int. Cl.
 E04H 5/08 (2006.01)
 B65D 88/10 (2006.01)
 B65D 90/00 (2006.01)
 B65D 90/32 (2006.01)
 B65G 3/04 (2006.01)
 E04B 1/68 (2006.01)
 E04B 1/72 (2006.01)
 E06B 7/23 (2006.01)
 F24F 7/007 (2006.01)
 F24F 11/00 (2018.01)
 (45) 11.05.2023
 (62) 2022100001
 (72) Lefebvre, Warren
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

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2022100153 Topaz Trading Pty Ltd

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2022100153

F24F 11 /-

2022100124

F24F 7 /-

2022100124

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2017201632	Rondo Building Services Pty Limited (Etex Services NV)
2021221810	Ruminant Biotech Corp Limited (MIA Consulting Pty Limited)

Patents Granted

Standard Patents

2015344999	2016203527	2016301302	2016326737
2016340826	2016368527	2016369320	2016379402
2016419848	2017201618	2017203325	2017203876
2017204054	2017204555	2017208021	2017210620
2017211461	2017222468	2017222470	2017223595
2017224944	2017228277	2017229114	2017229870
2017232200	2017234169	2017244797	2017245487
2017245709	2017248818	2017248985	2017254918
2017259656	2017260386	2017263660	2017264524
2017268399	2017270920	2017273495	2017276173
2017277949	2017278114	2017281297	2017285288
2017286438	2017287785	2017288105	2017296110
2017297997	2017301641	2017305106	2017313211
2017322251	2017324488	2017325110	2017331629
2017332746	2017335131	2017335237	2017336291
2017336437	2017342167	2017344359	2017346910
2017346959	2017348386	2017349006	2017349869
2017350440	2017354166	2017369122	2017378199
2017383105	2017383285	2017384299	2017388870
2017401886	2017433763	2017442436	2018203111
2018204615	2018207113	2018213194	2018214240
2018217434	2018217636	2018219660	2018225432
2018230473	2018231239	2018231241	2018231652
2018234822	2018234835	2018237677	2018240774
2018241255	2018251664	2018266602	2018267821
2018269662	2018272736	2018280023	2018281951
2018283266	2018284102	2018290317	2018301298
2018301706	2018304033	2018304077	2018307214
2018311884	2018317463	2018317934	2018318525
2018319331	2018323502	2018323528	2018328588
2018331479	2018336416	2018346909	2018347473
2018348241	2018361010	2018362257	2018368814
2018377993	2018378801	2018390927	2018393018
2018395234	2018445294	2018445805	2018449359
2019204103	2019207084	2019208442	2019213420
2019213554	2019222491	2019222502	2019223882
2019243289	2019281255	2019284926	2019290337
2019295574	2019296449	2019297391	2019300038
2019301819	2019302074	2019310763	2019326745
2019328101	2019334017	2019335011	2019336879
2019341277	2019344010	2019345827	2019348728
2019349084	2019349935	2019350542	2019357450
2019367235	2019369876	2019373730	2019378705
2019380200	2019380947	2019384866	2019385905
2019387565	2019392872	2019409992	2019411709
2019412926	2019414540	2019414849	2019422265
2019423279	2019425177	2019427660	2019433004
2019441599	2019441748	2019444480	2019448451
2020200955	2020201256	2020203408	2020207226
2020208794	2020211777	2020214316	2020215190
2020218172	2020218651	2020219044	2020230012
2020234057	2020246764	2020248138	2020248195
2020250230	2020250262	2020255118	2020255772
2020256307	2020257037	2020257116	2020258279
2020261014	2020261995	2020263550	2020265942
2020266496	2020269129	2020270412	2020272506

Patents Granted

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2020275125	2020277098	2020286272	2020289746
2020289750	2020294244	2020294353	2020296832
2020304637	2020307419	2020315210	2020326630
2020328712	2020343234	2020347559	2020347721
2020348517	2020351096	2020364313	2020372880
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2021202586	2021202601	2021202804	2021202809
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2021225871	2021229252	2021229256	2021231537
2021232777	2021237381	2021238860	2021240181
2021250882	2021254534	2021254570	2021254630
2021266226	2021266234	2021269318	2021269380
2021271189	2021282539	2021286250	2021290398
2021323936	2022200515	2022200548	2022200593
2022202683			

Innovation Patents

2018102249	2018102250	2019101843	2023100032
2023100033	2023100034		

Assignments Registered

2006274754	Degremont; Suez Environnement	The patent has been assigned to Suez International
2007311984	Argon Rede Pte Ltd	The patent has been assigned to Amyriad Pharma, Inc.
2008322586	AshTech Industries, LLC	The patent has been assigned to Microsphere Labs LLC
2010256515	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	The patent has been assigned to FLSmidth A/S
2012227234	Valuation Technology Solutions Pty Ltd	The patent has been assigned to Australia Pacific Valuers Pty Ltd
2012315165	Tecmen Electronics Co., Ltd.	The patent has been assigned to Tecmen Electronics CO., LTD
2013215448	Genomic Health, Inc.	The patent has been assigned to MDxHealth SA
2015206525	THYSSENKRUPP INDUSTRIAL SOLUTIONS AG	The patent has been assigned to FLSmidth A/S
2015261646	Seasol International Pty Ltd	The patent has been assigned to DuluxGroup (Australia) Pty Limited
2015315999	Tecmen Electronics CO., LTD.	The patent has been assigned to Tecmen Electronics CO., LTD
2015317741	Celgene Car LLC	The patent has been assigned to Bristol-Myers Squibb Company
2015386867	Tecmen Electronics CO., LTD.	The patent has been assigned to Tecmen Electronics CO., LTD
2015392115	Tecmen Electronics Co., Ltd.	The patent has been assigned to Tecmen Electronics CO., LTD
2015400937	Tecmen Electronics Co., Ltd.	The patent has been assigned to Tecmen Electronics CO., LTD

Assignments Registered

- 2016271468 PellePharm, Inc. The patent has been assigned to **SOL-GEL TECHNOLOGIES LTD.**
- 2017200061 Tecmen Electronics Co., Ltd. The patent has been assigned to **Tecmen Electronics CO., LTD**
- 2017279576 Lindsay Transportation Solutions, Inc. The patent has been assigned to **Jaybro Group Pty Ltd**
- 2018201688 Genomic Health, Inc. The patent has been assigned to **MDxHealth SA**
- 2018206204 The Charles Machine Works, Inc. The patent has been assigned to **Per Aarsleff A/S**
- 2018207218 THYSSENKRUPP INDUSTRIAL SOLUTIONS AG The patent has been assigned to **FLSmidth A/S**
- 2018236286 Celgene CAR LLC The patent has been assigned to **Bristol-Myers Squibb Company**
- 2018236290 Celgene CAR LLC The patent has been assigned to **Bristol-Myers Squibb Company**
- 2018370380 Healy, Donald The patent has been assigned to **Old Mate Enterprises Limited**
- 2019363904 Tecmen Electronics Co., Ltd. The patent has been assigned to **Tecmen Electronics CO., LTD**
- 2019367425 Tecmen Electronics Co., Ltd. The patent has been assigned to **Tecmen Electronics CO., LTD**
- 2020200547 Tecmen Electronics CO., LTD. The patent has been assigned to **Tecmen Electronics CO., LTD**
- 2020202164 Genomic Health, Inc. The patent has been assigned to **MDxHealth SA**
- 2020204619 LINDSAY TRANSPORTATION SOLUTIONS, INC. The patent has been assigned to **Jaybro Group Pty Ltd**
- 2021103424 Taulier, Nicholas Paul The patent has been assigned to **T&S CO PTY LTD**
- 2021103539 Hancock, Warrick The patent has been assigned to **TLBORIK PATENT HOLDER PTY LTD**

Licences Registered - Section 187, Reg. 19

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

- 2017285813 Daewoong Pharmaceutical Co., Ltd.; Green Cross Corporation (Daewoong Pharmaceutical Co., Ltd.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

- 2007317817 **Cara Therapeutics, Inc.**

The earliest first regulatory approval date provided by the patentee 10 Nov 2022

For the goods KORSUVA difelikefalin (as acetate)

Applications Accepted

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

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

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

- 2013286914 **Bristol-Myers Squibb Company**

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

For the goods OPDUALAG nivolumab

Address for service : AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

Corrigenda

In Vol 57 , No 11 , Page(s) 1663 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Conle, H., Application No. 2021335240, under INID (71) correct the applicant name to CONLE, H.

In Vol 57 , No 15 , Page(s) 2173 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Third Equation Ltd, Application No. 2021329442, under INID (72) add co-inventor Scobie, Andrew John

In Vol 57 , No 17 , Page(s) 2375 under the heading **Complete Applications Filed - Name Index** Under the name Andrew Benjamin Peter Ward; Tulsii Bree Combe; A S Ward, Application No. 2023202323, under INID (71) remove co-applicant A S Ward

In Vol 57 , No 17 , Page(s) 2384 under the heading **Amendments - Application for Amendments** Under the name F. Hoffmann-La Roche AG, Application No. 2016344665 correct the date of the statements filed to read 20 Feb 2023; 30 Mar 2023 and 19 Apr 2023

In Vol 57 , No 17 , Page(s) 2458 under the heading **PCT applications that have entered the National Phase - Name Index** Under the names VAN DER WALT, L. S.; BOTSWANA INTERNATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, Application No. 2020466611, under INID (71) remove co-applicant VAN DER WALT, L. S.

Specifications Republished

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

- | | |
|------------|--------------------------------------|
| 2017212500 | Monsanto Technology LLC |
| 2019231645 | Danisco US Inc |
| 2019349084 | Daikin Industries, Ltd. |
| 2019370424 | Huawei Technologies Co., Ltd. |
| 2019420455 | Huawei Technologies Co., Ltd. |
| 2020206084 | LG Electronics Inc. |
| 2021229248 | Daikin Industries, Ltd. |