



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

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

- (51) International Patent Classification
- (52) Domestic or national classification
- (54) Title of invention
- (56) List of prior art documents, if separate from descriptive text
- (57) Abstract or claim

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

- (60) Related by cognate(s).
- (61) Related by addition(s).
- (62) Related by division(s).

(70) Identification of parties concerned with the document

- (71) Name(s) of applicant(s)
- (72) Name(s) of inventor(s) if known to be such
- (74) Name(s) of attorney(s) or agent(s)
- (75) Name(s) of inventor(s) who is (are) also applicant(s)

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

- (86) PCT Application Number
- (87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

CQMS Pty Ltd v ESCO Group LLC [2022] APO 3

Patent Application: 2014262221

Title: Wear part monitoring

Patent Applicant: ESCO Group LLC

Opponent: CQMS Pty Ltd

Delegate: Xavier Gisz

Decision Date: 24 January 2022

Hearing Date: Written submissions filed on 27 October 2021

Catchwords: **PATENTS** - section 59 – final determination – amendments overcome deficiencies identified in previous decision – application to proceed to grant – costs awarded against opponent

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 18 Jan 2022 .

<hr/> <p>(71) Andromeda Metals Limited (21) 2022900116 (22) 21.01.2022 (54) CEMENTITIOUS MATERIAL ADDITIVE</p> <hr/> <p>(71) Angilley, M. (21) 2022900108 (22) 20.01.2022 (54) AUTOMATED PUNNETS HANDLING ASSEMBLY</p> <hr/> <p>(71) Annuo Medical Technology Solutions Pty Ltd (21) 2022900104 (22) 20.01.2022 (54) AN ARTIFICIALLY INTELLIGENT HEALTHCARE MANAGEMENT SYSTEM</p> <hr/> <p>(71) Attey, G. (21) 2022900099 (22) 20.01.2022 (54) CEILING FAN AIR CONDITIONING</p> <hr/> <p>(71) Australian National University (21) 2022900105 (22) 20.01.2022 (54) RECOVERING RARE EARTH ELEMENTS</p> <hr/> <p>(71) Australian National University (21) 2022900126 (22) 24.01.2022 (54) Anti-Parasite Compounds</p> <hr/> <p>(71) Avjioglu, E. (21) 2022900089 (22) 19.01.2022 (54) Needle for injection of dermal fillers</p> <hr/> <p>(71) Biddington, J.; Jones, F. (21) 2022900127 (22) 24.01.2022 (54) Games apparatus and method of playing a game</p> <hr/>	<p>(71) Bouchier Pty Ltd (21) 2022900086 (22) 18.01.2022 (54) SOUND SUPPRESSOR</p> <hr/> <p>(71) Burstsafe Pty Ltd (21) 2022900125 (22) 24.01.2022 (54) Plumbing connector</p> <hr/> <p>(71) Chinotto, D. (21) 2022900107 (22) 20.01.2022 (54) A fitted sheet</p> <hr/> <p>(71) Croft Medical (21) 2022900124 (22) 23.01.2022 (54) Treating COVID</p> <hr/> <p>(71) Deeb, A. (21) 2022900098 (22) 20.01.2022 (54) Sports Guard</p> <hr/> <p>(71) Denteric Pty Ltd (21) 2022900101 (22) 20.01.2022 (54) Chimeric polypeptides</p> <hr/> <p>(71) Denteric Pty Ltd (21) 2022900102 (22) 20.01.2022 (54) Chimeric polypeptides</p> <hr/> <p>(71) Denteric Pty Ltd (21) 2022900103 (22) 20.01.2022 (54) Chimeric polypeptides</p> <hr/> <p>(71) Elenium Automation Pty Ltd (21) 2022900120 (22) 21.01.2022 (54) Automated baggage check-in system</p> <hr/> <p>(71) Email Smarter Pty Ltd (21) 2022900091 (22) 19.01.2022 (54) SYSTEM AND METHOD FOR MANAGING CONTACT WITH INDIVIDUALS IN AN ONLINE DIRECTORY</p>	<hr/> <p>(71) Fyfe, J. (21) 2022900096 (22) 20.01.2022 (54) Fluid resistant biodegradable tissues to prevent contamination and the spread of bodily fluids.</p> <hr/> <p>(71) Good Water Energy Ltd (21) 2022900115 (22) 21.01.2022 (54) A GEOTHERMAL DISTRICT HEATING SYSTEM</p> <hr/> <p>(71) Griffith University (21) 2022900109 (22) 21.01.2022 (54) BIOMARKERS AND USES THEREFOR</p> <hr/> <p>(71) Haas, D. (21) 2022900122 (22) 21.01.2022 (54) Stabilising and levelling support system for setting posts and poles in upright positions</p> <hr/> <p>(71) Jasper Medtech Pty Ltd (21) 2022900121 (22) 21.01.2022 (54) SYSTEM AND METHOD FOR DETERMINING IMPACT SEVERITY</p> <hr/> <p>Jones, F. see Biddington, J. (21) 2022900127</p> <hr/> <p>(71) Marsden, R. (21) 2022900111 (22) 21.01.2022 (54) Car safety device to alert use of mobile phone</p> <hr/> <p>(71) Metrix Group Pty Ltd (21) 2022900114 (22) 21.01.2022 (54) Animated Perforated Images</p> <hr/>
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Provisional Applications Filed - Name Index cont'd

(71) Monash University; Telethon Kids Institute
 (21) 2022900088 (22) 19.01.2022
 (54) Implant

(71) UNIQCO-IP PTY LTD
 (21) 2022900119 (22) 21.01.2022
 (54) A PALLET AND METHOD OF MANUFACTURING A PALLET

(71) NewSouth Innovations Pty Limited
 (21) 2022900118 (22) 21.01.2022
 (54) Hydrogen-diesel direct injection dual-fuel system for internal combustion engines

(71) Western Sydney University
 (21) 2022900110 (22) 21.01.2022
 (54) Platinum(IV) complexes

(71) Nihill, J.
 (21) 2022900123 (22) 22.01.2022
 (54) Heat engine

(71) WIREMAN PTY LIMITED
 (21) 2022900087 (22) 19.01.2022
 (54) AN AGRICULTURAL FENCE CLIP AND METHOD

(71) Our Eco Bee Pty Ltd
 (21) 2022900090 (22) 19.01.2022
 (54) A beehive

(71) Workplace Access & Safety Pty Ltd
 (21) 2022900106 (22) 20.01.2022
 (54) ROOF TOP SAFETY STRIP AND METHOD FOR INSTALLATION THEREOF

(71) Parache, T.
 (21) 2022900095 (22) 20.01.2022
 (54) Process of holding pot planters(flower pot) with watering system

(71) Xero Limited
 (21) 2022900112 (22) 21.01.2022
 (54) Methods and systems for performing database operations

(71) Project Initiation & Facilitation Pty Ltd
 (21) 2022900093 (22) 19.01.2022
 (54) The use of a simple, yet innovative. methodology to measure the tonnage of sand being deposited at any time from a vessel used to transport a slurry of seawater or river water and sand, after such a slurry has been extracted for the purposes of land reclamation.

(71) Reserve Bank of Australia
 (21) 2022900092 (22) 19.01.2022
 (54) Plasmonic Optically Variable Security Features And Method Of Manufacture

(71) ResMed Asia Pte. Ltd.
 (21) 2022900097 (22) 20.01.2022
 (54) POSITIONING AND STABILISING STRUCTURE FOR A PATIENT INTERFACE

(71) ResMed Pty Ltd
 (21) 2022900117 (22) 21.01.2022
 (54) SOUND ATTENUATING MASK

(71) Subrib Pty Ltd
 (21) 2022900094 (22) 19.01.2022
 (54) Apparatus for Assisting in Preventing Erosion of a Surface Surrounding a Structure

Telethon Kids Institute see Monash University
 (21) 2022900088

Numerical Index

2022900086	Bourchier Pty Ltd
2022900087	WIREMAN PTY LIMITED
2022900088	Monash University; Telethon Kids Institute
2022900089	Avjioglu, E.
2022900090	Our Eco Bee Pty Ltd
2022900091	Email Smarter Pty Ltd
2022900092	Reserve Bank of Australia
2022900093	Project Initiation & Facilitation Pty Ltd
2022900094	Subrib Pty Ltd
2022900095	Parache, T.
2022900096	Fyfe, J.
2022900097	ResMed Asia Pte. Ltd.
2022900098	Deeb, A.
2022900099	Attey, G.
2022900101	Denteric Pty Ltd
2022900102	Denteric Pty Ltd
2022900103	Denteric Pty Ltd
2022900104	Annuo Medical Technology Solutions Pty Ltd
2022900105	Australian National University
2022900106	Workplace Access & Safety Pty Ltd
2022900107	Chinotto, D.
2022900108	Angilly, M.
2022900109	Griffith University
2022900110	Western Sydney University
2022900111	Marsden, R.
2022900112	Xero Limited
2022900114	Metrix Group Pty Ltd
2022900115	Good Water Energy Ltd
2022900116	Andromeda Metals Limited
2022900117	ResMed Pty Ltd
2022900118	NewSouth Innovations Pty Limited
2022900119	UNIQCO-IP PTY LTD
2022900120	Elenium Automation Pty Ltd
2022900121	Jasper Medtech Pty Ltd
2022900122	Haas, D.
2022900123	Nihill, J.
2022900124	Croft Medical
2022900125	Burstsafe Pty Ltd
2022900126	Australian National University
2022900127	Biddington, J.; Jones, F.

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jan 2022 .

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

<hr/> <p>(71) 3M Innovative Properties Company (21) 2022200244 (22) 14.01.2022 (54) Reduced-pressure treatment systems with reservoir control (62) 2019268080</p> <hr/> <p>(71) AbbVie Deutschland GmbH & Co. KG (21) 2022200160 (22) 12.01.2022 (54) RGMa fragment based diagnostic assay (62) 2015314240</p> <hr/> <p>(71) Acceleron Pharma Inc. (21) 2022200078 (22) 07.01.2022 (54) Use of GDF traps to increase red blood cell levels (62) 2019222789</p> <hr/> <p>(71) Acer Incorporated (21) 2022200174 (22) 12.01.2022 (54) Device of handling detection of a PD-CCH (31) 63/136,656 (32) 13.01.21 (33) US 17/562,009 27.12.21 US</p> <hr/> <p>(71) Acer Incorporated (21) 2022200177 (22) 12.01.2022 (54) Device of handling detection of a PD-CCH (31) 63/136,656 (32) 13.01.21 (33) US 17/567,170 03.01.22 US</p> <hr/> <p>(71) AFI Licensing LLC (21) 2022200159 (22) 12.01.2022 (54) Impact resistant wear layer (62) 2016304693</p> <hr/> <p>(71) AgeX Therapeutics, Inc. (21) 2022200207 (22) 13.01.2022 (54) Compositions and methods for induced tissue regeneration in mammalian species (62) 2019279909</p> <hr/> <p>(71) Aktiebolaget Electrolux (21) 2022200048 (22) 06.01.2022 (54) IMPROVED BARBECUE AND BARBECUE COMPONENTS (62) 2020202662</p> <hr/>	<p>(71) Alarm.Com Incorporated (21) 2022200102 (22) 10.01.2022 (54) MACHINE LEARNING MOTION SENSING WITH AUXILIARY SENSORS (62) 2020265650</p> <hr/> <p>Ali, Z. see Hasan, R. (21) 2022200021</p> <hr/> <p>(71) Align Technology, Inc. (21) 2022200069 (22) 07.01.2022 (54) TREATMENT PLAN SPECIFIC BITE ADJUSTMENT STRUCTURES (62) 2020277085</p> <hr/> <p>(71) Ameri, D. (21) 2022200270 (22) 17.01.2022 (54) Aladdins Electronic Hoverboard</p> <hr/> <p>(71) Amgen Inc. (21) 2022200026 (22) 05.01.2022 (54) Drug delivery system and method of use (62) 2020201600</p> <hr/> <p>(71) Amgen Inc.; Kite Pharma, Inc. (21) 2022200108 (22) 10.01.2022 (54) Chimeric receptors to FLT3 and methods of use thereof (62) 2017240801</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022200022 (22) 04.01.2022 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2021201556</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022200064 (22) 06.01.2022 (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS (62) 2019213318</p> <hr/> <p>(71) Apple Inc. (21) 2022200212 (22) 14.01.2022 (54) Touch input cursor manipulation (62) 2020267298</p> <hr/> <p>(71) Apple Inc. (21) 2022200239 (22) 14.01.2022</p> <hr/>	<p>(54) User interface for loyalty accounts and private label accounts (62) 2019271927</p> <hr/> <p>(71) Apple Inc. (21) 2022200268 (22) 17.01.2022 (54) Devices and methods for manipulating user interfaces with a stylus (62) 2020203817</p> <hr/> <p>(71) Argenta Innovation Limited (21) 2022200149 (22) 11.01.2022 (54) GRANULATED ANTHELMINTIC PREPARATIONS AND DELIVERY SYSTEMS (62) 2021200921</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022200230 (22) 14.01.2022 (54) PROJECTION DISPLAY SYSTEM FOR GAMING DEVICE (31) 17/491,203 (32) 30.09.21 (33) US 63/138,080 15.01.21 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022200013 (22) 04.01.2022 (54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC GAME INCLUDING MERGE AND UNMERGE OPERATIONS (62) 2019253853</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022200015 (22) 04.01.2022 (54) GAME STATE RETENTION AND CONTINUATION AT GAMING MACHINES (62) 2019261812</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022200049 (22) 06.01.2022 (54) A GAMING SYSTEM (62) 2019268090</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022200051 (22) 06.01.2022 (54) GAMING MACHINE HAVING SEPARATED FEATURE GAMES (62) 2019275670</p> <hr/>
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Complete Applications Filed - Name Index cont'd

(71) Aristocrat Technologies Australia Pty Limited
(21) 2022200079 (22) 07.01.2022
(54) A GAMING MACHINE AND METHOD FOR PROVIDING A FEATURE GAME
(62) 2019264644

(71) Aristocrat Technologies Australia Pty Limited
(21) 2022200080 (22) 07.01.2022
(54) A GAMING MACHINE
(62) 2019279993

(71) Aristocrat Technologies Australia Pty Limited
(21) 2022200081 (22) 07.01.2022
(54) GAMING DEVICE WITH MULTIPLIER METER
(62) 2019275564

(71) Aristocrat Technologies Australia Pty Limited
(21) 2022200134 (22) 11.01.2022
(54) A GAMING MACHINE
(62) 2019279996

(71) Arla Foods Amba
(21) 2022200202 (22) 13.01.2022
(54) Process for production of improved nutritional products containing milk protein and milk saccharides, and products obtained by the process
(62) 2017281328

(71) Astellas Institute for Regenerative Medicine
(21) 2022200188 (22) 13.01.2022
(54) Large scale generation of functional megakaryocytes and platelets from human embryonic stem cells under stromal-free conditions
(62) 2019203670

(71) Avent, Inc.
(21) 2022200228 (22) 14.01.2022
(54) Patient outcome tracking platform
(62) 2016352996

(71) Axial Therapeutics, Inc.
(21) 2022200220 (22) 14.01.2022
(54) Gut-selective sequestering agents for the treatment and prevention of autism and related disorders
(62) 2021206871

AZTherapies, Inc. see The General Hospital Corporation
(21) 2022200260

(71) Baek, J.Y.
(21) 2022200209 (22) 13.01.2022

(54) Electric exercise assistance device
(62) 2016338192

(71) Battelle Memorial Institute
(21) 2022200235 (22) 14.01.2022
(54) MULTISTAGE OSMOTICALLY ASSISTED REVERSE OSMOSIS SYSTEM AND METHOD
(62) 2020227111

(71) Bayer HealthCare LLC
(21) 2022200180 (22) 13.01.2022
(54) Syringe fill adapter
(62) 2016359673

(71) BD Kiestra B.V.
(21) 2022200171 (22) 12.01.2022
(54) Colony contrast gathering
(62) 2016250791

(71) Becton, Dickinson and Company
(21) 2022200237 (22) 14.01.2022
(54) Cover for tissue penetrating device with integrated magnets and magnetic shielding
(62) 2017321331

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
(21) 2022200187 (22) 13.01.2022
(54) Method and system for eliminating quantum measurement noise, electronic device and medium
(31) 202110276285.1 (32) 15.03.21 (33) CN

(71) Beijing LongRuan Technologies Inc.; Tianjin Navigation Instruments Research Institute
(21) 2022200033 (22) 05.01.2022
(54) MEASURING-ROBOT DEVICE FOR FULLY MECHANIZED COAL MINING FACE AND AUTOMATIC MEASURING SYSTEM
(31) 202110032953.6 (32) 12.01.21 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.
(21) 2022200208 (22) 13.01.2022
(54) Method, device, and system for simulation test
(31) 202110062943.7 (32) 18.01.21 (33) CN

(71) Beyond Architectural Pty Ltd
(21) 2022200231 (22) 14.01.2022
(54) Frameless Glass Fencing Component
(62) 2020201452

(71) Beyond Architectural Pty Ltd
(21) 2022200264 (22) 17.01.2022
(54) Frameless Glass Fencing Component
(62) 2020202943

(71) Biogen MA Inc.
(21) 2022200155 (22) 12.01.2022
(54) Dimethyl fumarate particles and pharmaceutical compositions thereof
(62) 2016279997

Biomed Valley Discoveries, Inc. see The United States of America, as represented by The Secretary, Department of Health and Human Services
(21) 2022200117

(71) Blackmore Sensors & Analytics LLC
(21) 2022200101 (22) 10.01.2022
(54) PROVIDING SPATIAL DISPLACEMENT OF TRANSMIT AND RECEIVE MODES IN LIDAR SYSTEM
(62) 2020261259

Brown, G. see Brown, L.
(21) 2022200084

(71) Brown, L.; Brown, G.
(21) 2022200084 (22) 07.01.2022
(54) APPARATUSES, SYSTEMS, AND METHODS FOR EXTRACTION AND/OR STORAGE OF ENERGY FROM MOVING FLUIDS
(62) 2019246939

BROWN, C. see PRICEMAN, S.
(21) 2022200116

(71) Cactus Wellhead, LLC
(21) 2022200082 (22) 07.01.2022
(54) Remote hydraulic valve control system
(31) 63/135,368 (32) 08.01.21 (33) US

(71) CAE USA Inc.
(21) 2022200139 (22) 11.01.2022
(54) Adaptive training system, method and apparatus
(62) 2019272048

(71) Cancer Research Technology Limited
(21) 2022200054 (22) 06.01.2022
(54) A Method For Detecting A Genetic Variant
(62) 2015288920

(71) Canon Kabushiki Kaisha
(21) 2022200086 (22) 07.01.2022
(54) Method, apparatus and system for encoding and decoding a block of video samples

(71) Canva Pty Ltd
(21) 2022200214 (22) 14.01.2022
(54) Digital video production systems and methods
(62) 2021202306

Complete Applications Filed - Name Index cont'd

(71) Cardinal Commerce Corporation
(21) 2022200190 (22) 13.01.2022
(54) System and method for tokenization
(62) 2016295391

(71) Carlesso, S.
(21) 2022200253 (22) 14.01.2022
(54) Gluten-free compositions
(62) 2017274086

(71) CATERPILLAR GLOBAL MINING LLC
(21) 2022200071 (22) 07.01.2022
(54) SWING GEAR ASSEMBLY AND
METHOD FOR MANUFACTURING
THE SAME
(31) 17/154,567 (32) 21.01.21 (33) US

(71) CATERPILLAR INC.
(21) 2022200045 (22) 06.01.2022
(54) FUEL INJECTOR HAVING DRY-RUN-
NING PROTECTION VALVE AND
FUEL SYSTEM USING SAME
(31) 17/150,159 (32) 15.01.21 (33) US

(71) CATERPILLAR INC.
(21) 2022200070 (22) 07.01.2022
(54) SYSTEM AND METHOD OF CLIMATE
CONTROL IN UNMANNED MACHINE
(31) 17/160,651 (32) 28.01.21 (33) US

(71) CATERPILLAR INC.
(21) 2022200198 (22) 13.01.2022
(54) VISUAL OVERLAYS FOR PROVIDING
PERCEPTION OF DEPTH
(31) 17/248,527 (32) 28.01.21 (33) US

(71) Cepheid
(21) 2022200255 (22) 16.01.2022
(54) Molecular diagnostic assay system
(62) 2016297866

(71) CFPH, LLC
(21) 2022200062 (22) 06.01.2022
(54) SYSTEM AND METHOD FOR MAP-
PING RESULTS FROM SPORTING
EVENTS TO GAME INPUTS
(62) 2020200153

(71) CFPH, LLC
(21) 2022200258 (22) 17.01.2022
(54) SYSTEM FOR PROVIDING BETS RE-
GARDING INTERMEDIATE POINTS IN
A RACE EVENT USING FRACTIONAL
TIMING
(62) 2019268094

Cho, Y. see Robertson, C.
(21) 2022200206

ClarVista Medical, Inc. see The Regents of
the University of Colorado, a body corpor-
ate
(21) 2022200200

(71) CNH Industrial America LLC
(21) 2022200030 (22) 05.01.2022
(54) System and method for performing
spraying operations with an agricultural
sprayer
(31) 17/142,747 (32) 06.01.21 (33) US

(71) CNH Industrial America LLC
(21) 2022200216 (22) 14.01.2022
(54) System and method for monitoring ag-
ricultural fluid deposition rate during a
spraying operation
(31) 17/149,841 (32) 15.01.21 (33) US

(71) CNH Industrial America LLC
(21) 2022200217 (22) 14.01.2022
(54) System and method for dispensing agri-
cultural fluids onto plants present within
a field based on plant size
(31) 17/149,868 (32) 15.01.21 (33) US

(71) Colgate-Palmolive Company
(21) 2022200066 (22) 06.01.2022
(54) Systems and methods for estimating a
three-dimensional pose of an oral hy-
giene device with visual markers
(62) 2018393954

Corbett, M. see Ultee, M.
(21) 2022200276

(71) Cornell University
(21) 2022200229 (22) 14.01.2022
(54) METHOD FOR IDENTIFICATION AND
QUANTIFICATION OF NUCLEIC ACID
EXPRESSION, SPLICE VARIANT,
TRANSLOCATION, COPY NUMBER,
OR METHYLATION CHANGES
(62) 2015330844

(71) Crain, B.
(21) 2022200125 (22) 11.01.2022
(54) True Coilover Mk2 Series 1000

(71) CROWN EQUIPMENT CORPORA-
TION, A Corporation of the State of
Ohio
(21) 2022200163 (22) 12.01.2022
(54) Control elements for materials handling
vehicles
(62) 2017213884

(71) Dana-Farber Cancer Institute, Inc.
(21) 2022200257 (22) 17.01.2022
(54) Chimeric antigen receptors and meth-
ods of use thereof
(62) 2020204373

(71) Deere & Company
(21) 2022200213 (22) 14.01.2022
(54) Harvester with feed forward control of
filling mechanisms
(31) 17/178,952 (32) 18.02.21 (33) US

DE Innovations Inc. see Robertson, C.
(21) 2022200206

(71) Delta Electronics (Shanghai) Co.,Ltd.
(21) 2022200164 (22) 12.01.2022
(54) POWER CONVERSION SYSTEM AND
METHOD OF CONTROLLING THE
SAME
(31) 202110061168.3 (32) 18.01.21 (33) CN

(71) Derrick Corporation
(21) 2022200151 (22) 12.01.2022
(54) METHOD AND APPARATUSES FOR
SCREENING
(62) 2018281297

(71) Derrick Corporation
(21) 2022200153 (22) 12.01.2022
(54) METHOD AND APPARATUSES FOR
SCREENING
(62) 2018281297

(71) Dexcom, Inc.
(21) 2022200137 (22) 11.01.2022
(54) Data backfilling for continuous glucose
monitoring
(62) 2020201259

(71) Dynamics Inc.
(21) 2022200127 (22) 11.01.2022
(54) Cards, devices, systems and methods
for advanced payment functionality se-
lection
(62) 2019268113

(71) Edser, S.
(21) 2021277775 (22) 24.12.2021
(54) Live Earth Circuit Breaker (LE-CB);
Open Neutral Circuit Breaker (ON-CB);
External Earth Fault Circuit Breaker
(EEF-CB); Broken PEN Circuit Breaker
(B-PEN-CB); Live Ground Fault Circuit
Interruptor (LGF-CI)
(31) 2020903613 (32) 06.10.20 (33) AU

(71) E Ink California, LLC
(21) 2022200251 (22) 14.01.2022
(54) METHOD AND APPARATUS FOR
RENDERING COLOR IMAGES
(62) 2020227089

(71) ERIS TECHNOLOGY PTY LTD
(21) 2022200191 (22) 13.01.2022

Complete Applications Filed - Name Index cont'd

(54) PAYMENT METHOD AND SYSTEM
(62) 2020201360

(71) Ethicon, Inc.
(21) 2022200256 (22) 16.01.2022
(54) Self-contained biological indicator
(62) 2017201194

Eureka Therapeutics, Inc. see Memorial Sloan-Kettering Cancer Center
(21) 2022200052

Eureka Therapeutics, Inc. see Memorial Sloan-Kettering Cancer Center
(21) 2022200056

(71) Ferring B.V.
(21) 2022200027 (22) 05.01.2022
(54) Stable liquid gonadotropin formulation
(62) 2017222292

(71) Fetch TV Pty Ltd
(21) 2022200077 (22) 07.01.2022
(54) Systems and methods for creating and managing virtual channels
(62) 2018427248

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2022200259 (22) 17.01.2022
(54) HEADGEAR ASSEMBLY FOR BREATHING INTERFACE
(62) 2019232901

(71) FJ Dynamics Co., Ltd.
(21) 2022200012 (22) 04.01.2022
(54) STEERING CONTROL METHOD AND STEERING WHEEL STEERING DEVICE FOR AUTOMATIC DRIVING
(31) 202110013797.9 (32) 06.01.21 (33) CN

(71) FJ Dynamics Co., Ltd.
(21) 2022200065 (22) 06.01.2022
(54) METHOD, SYSTEM FOR CALCULATING OPERATION ACRES OF AGRICULTURAL MACHINERY
(31) 202110128125.2 (32) 29.01.21 (33) CN

(71) Flitner, T.
(21) 2022200158 (22) 12.01.2022
(54) Mobile professional Law Firm or professional practice such as advocacy, counselling, accounting, business consulting, accounting and bookkeeping

(71) Flitner, T.
(21) 2022200167 (22) 12.01.2022
(54) Process of operating a legal firm or a professional firm and also any professional firm in a mobile form such as a bus or mobile home, tent, caravan in-

cluding operating in the metaverse - a legal firm (Flitnerlaw for example) or a professional firm and also any professional firm not limited to and including the name Flitner law as a DAO (decentralised autonomous organisation).

(71) Flooring Industries Limited, SARL
(21) 2022200043 (22) 06.01.2022
(54) Floor panel for forming a floor covering
(62) 2016381397

FORMAN, S. see PRICEMAN, S.
(21) 2022200116

(71) Forum Energy Technologies Inc.
(21) 2022200060 (22) 06.01.2022
(54) Compressor
(62) 2020207876

FOUNDATION MEDICINE, INC. see Genentech, Inc.
(21) 2022200109

(71) Francis, M.
(21) 2022200095 (22) 08.01.2022
(54) Commercially providing 'KNISMESIS BODY TICKLES' to improve Australians' overall wellbeing – physical and mental health

(71) Freedom Solutions Group, LLC
(21) 2022200003 (22) 04.01.2022
(54) MITIGATION OF CONFLICTS BETWEEN CONTENT MATCHERS IN AUTOMATED DOCUMENT ANALYSIS
(62) 2020200410

(71) Fusion Pharmaceuticals Inc.
(21) 2022200196 (22) 13.01.2022
(54) Methods, compositions, and kits for treatment of cancer
(62) 2016219917

(71) Fuzhou Autran Industrial Co., Ltd.
(21) 2022200252 (22) 14.01.2022
(54) DAMPING HINGE
(62) 2021201367

(71) GABRIEL, K.
(21) 2022200140 (22) 11.01.2022
(54) METHOD AND SYSTEM FOR REMOVING RADIOACTIVE NUCLIDES FROM WATER
(62) 2020226992

(71) Genentech, Inc.; FOUNDATION MEDICINE, INC.
(21) 2022200109 (22) 10.01.2022

(54) Therapeutic and diagnostic methods for cancer
(62) 2018304458

(71) General Oncology, Inc.
(21) 2022200131 (22) 11.01.2022
(54) COMBINATION FOR THE EFFECTIVE TREATMENT OF METASTATIC CANCER IN PATIENTS
(62) 2016367112

(71) Genomatica, Inc.
(21) 2022200123 (22) 11.01.2022
(54) Enzyme variants with improved ester synthase properties
(62) 2019202572

(71) Gen-Probe Incorporated
(21) 2022200072 (22) 07.01.2022
(54) Compositions and methods for isolating target nucleic acids
(62) 2018265274

(71) Gentex Corporation
(21) 2022200034 (22) 05.01.2022
(54) Headset communication system
(62) 2019271499

(71) Ginkgo Bioworks, Inc.
(21) 2022200122 (22) 11.01.2022
(54) Diacylglycerol acyl transferase (DGA1) polynucleotides, and methods of increasing yeast cell lipid production by overexpression of heterologous DGA1
(62) 2015218647

(71) Glennon, R.
(21) 2022200118 (22) 10.01.2022
(54) REX microchip

(71) Google LLC
(21) 2022200224 (22) 14.01.2022
(54) CONSTRUCTING AND PROGRAMMING QUANTUM HARDWARE FOR QUANTUM ANNEALING PROCESSES
(62) 2020281055

(71) Grand Performance Online Pty Ltd
(21) 2022200063 (22) 06.01.2022
(54) Autonomous and integrated system, method and computer program for dynamic optimisation and allocation of resources for defined spaces and time periods
(62) 2018360617

(71) Grand Performance Online Pty Ltd
(21) 2022200093 (22) 07.01.2022
(54) An autonomous, integrated computer-enabled method, system, and computer program utilising an artificial intelligence engine for dynamic alloc-

Complete Applications Filed - Name Index cont'd

- ation and optimisation of space, furniture, equipment and/or services
(62) 2020200616
-
- (71) Haddon, C.
(21) 2022200166 (22) 12.01.2022
(54) NESTABLE HIGHBANKER
(31) 63/136,964 (32) 13.01.21 (33) US
-
- (71) HANWHA SOLUTIONS CORPORATION
(21) 2022200175 (22) 12.01.2022
(54) PHOTOVOLTAIC SYSTEM, DEVICE AND METHOD FOR MONITORING THEREOF
-
- (71) Hao, G.
(21) 2022200241 (22) 14.01.2022
(54) Air hockey tabletop assembly and table comprising same
(31) 2021900129 (32) 21.01.21 (33) AU
-
- (71) Hasan, R.; Ali, Z.; Khizer, Y.; Mahmood, S.
(21) 2022200021 (22) 04.01.2022
(54) A Novel Implementation of High-Speed MISTY1 Block Cipher for cyber security Algorithm
-
- (71) Hayward Industries, Inc.
(21) 2022200178 (22) 12.01.2022
(54) Swimming pool cleaner with hydrocyc-
lonic particle separator and/or sixroller
drive system
(62) 2019268086
-
- (71) Hollister Incorporated
(21) 2022200018 (22) 04.01.2022
(54) Medical device package with flip cap
having a snap fit
(62) 2017254716
-
- (71) HONEYWELL INTERNATIONAL INC.
(21) 2022200073 (22) 07.01.2022
(54) DYNAMIC NON-LINEAR OPTIMIZA-
TION OF A BATTERY ENERGY STOR-
AGE SYSTEM
(31) 17/165,062 (32) 02.02.21 (33) US
-
- (71) HOWMEDICA OSTEONICS CORP.
(21) 2022200031 (22) 05.01.2022
(54) CAM STABILIZED KNEE PROSTHES-
IS
(31) 63/136,353 (32) 12.01.21 (33) US
-
- (71) Huawei Technologies Co., Ltd.
(21) 2022200023 (22) 05.01.2022
(54) METHOD AND TERMINAL FOR SUP-
PORTING VOICE SERVICE AND
DATA SERVICE SIMULTANEOUSLY
(62) 2017435229
-
- (71) Hunt Perovskite Technologies, L.L.C.
(21) 2022200195 (22) 13.01.2022
(54) PEROVSKITE AND OTHER SOLAR
CELL MATERIALS
(62) 2019268163
-
- (71) Hurst, M.
(21) 2022200083 (22) 07.01.2022
(54) An insulation spacer assembly
(62) 2020203268
-
- (71) IgGENE Limited
(21) 2022200014 (22) 04.01.2022
(54) POINT-OF-CARE IMMUNOASSAY
DEVICE AND METHOD
-
- (71) Illinois Tool Works Inc.
(21) 2022200050 (22) 06.01.2022
(54) Self-drilling self-tapping fastener
(31) 63/134,785 (32) 07.01.21 (33) US
17/521,442 08.11.21 US
-
- (71) Illinois Tool Works Inc.
(21) 2022200221 (22) 14.01.2022
(54) Merchandising display tray
(62) 2016331297
-
- (71) Illumina, Inc.
(21) 2022200179 (22) 12.01.2022
(54) Error Suppression In Sequenced DNA
Fragments Using Redundant Reads
With Unique Molecular Indices (UMIs)
(62) 2019250200
-
- (71) Immutep S.A.S.
(21) 2022200133 (22) 11.01.2022
(54) COMBINED PREPARATIONS FOR
THE TREATMENT OF CANCER OR
INFECTION
(62) 2016205983
-
- (71) Inkerz Pty Ltd
(21) 2022200055 (22) 06.01.2022
(54) Improved systems and methods for
sharing physical writing actions
(62) 2016240387
-
- Intima Bioscience, Inc. see Regents of the
University of Minnesota**
(21) 2022200267
-
- (71) Janssen Pharmaceutica NV
(21) 2022200089 (22) 07.01.2022
(54) Cyclic peptide tyrosine tyrosine com-
pounds as modulators of Neuropeptide
Y receptors
(62) 2017348172
-
- (71) Jia, J.
(21) 2022200096 (22) 08.01.2022
-
- (54) Electronic auto bracelet for elderlies in
nursing home
-
- JINKO SOLAR CO., LTD. see ZHEJIANG
JINKO SOLAR CO., LTD.**
(21) 2022200098
-
- (71) Johnson & Johnson Vision Care, Inc.
(21) 2022200172 (22) 12.01.2022
(54) Compositions for ophthalmologic
devices
(31) 63/136,370 (32) 12.01.21 (33) US
-
- (71) Kabushiki Kaisha Toshiba; Toshiba En-
ergy Systems & Solutions Corporation
(21) 2022200028 (22) 05.01.2022
(54) Insulation diagnostic system and insula-
tion diagnostic method
(31) 2021-001838 (32) 08.01.21 (33) JP
-
- (71) Kabushiki Kaisha Toshiba; Toshiba En-
ergy Systems & Solutions Corporation
(21) 2022200057 (22) 06.01.2022
(54) Carbon dioxide capture system and
method of operating carbon dioxide
capture system
(31) 2021-005073 (32) 15.01.21 (33) JP
-
- (71) KANE KOGYO Co., Ltd.
(21) 2022200053 (22) 06.01.2022
(54) Strainer
(31) 2021-002815 (32) 12.01.21 (33) JP
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- Khizer, Y. see Hasan, R.**
(21) 2022200021
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- Kite Pharma, Inc. see Amgen Inc.**
(21) 2022200108
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- (71) Kop-Coat, Inc.
(21) 2022200223 (22) 14.01.2022
(54) METHOD AND RELATED SOLU-
TION FOR PROTECTING WOOD
THROUGH ENHANCED PENETRA-
TION OF WOOD PRESERVATIVES
EMPLOYING BUFFERED AMINE OX-
IDES AND ALKOXYLATED OILS
(62) 2020202409
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- (71) L'Air Liquide, Société Anonyme pour
l'Etude et l'Exploitation des Procédés
Georges Claude
(21) 2022200040 (22) 06.01.2022
(54) FLUE GAS TREATMENT METHOD
AND INSTALLATION
(31) EP21151089 (32) 12.01.21 (33) EP
EP21154239 29.01.21 EP
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- (71) LAKE COUNTRY TOOL, LLC
(21) 2022200129 (22) 11.01.2022

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(54) ADJUSTABLE STROKE DEVICE WITH CAM
(31) 17/152,976 (32) 20.01.21 (33) US

LEE, C. see LIN, H.
(21) 2022200269

(71) Leonhard Kurz Stiftung & Co KG; OVD Kinegram AG
(21) 2022200203 (22) 13.01.2022
(54) Method for producing a volume hologram film having security elements formed as transfer sections
(62) 2017271232

(71) LG Electronics Inc.
(21) 2022200181 (22) 13.01.2022
(54) Washing machine and control method of washing machine
(62) 2019224862

(71) LG Electronics Inc.
(21) 2022200182 (22) 13.01.2022
(54) Washing machine and control method of washing machine
(62) 2019224862

(71) LG Electronics Inc.
(21) 2022200184 (22) 13.01.2022
(54) Washing machine and control method of washing machine
(62) 2019224862

(71) LG Electronics Inc.
(21) 2022200215 (22) 14.01.2022
(54) Vacuum cleaner
(62) 2020201882

(71) LG ELECTRONICS INC.
(21) 2022200211 (22) 14.01.2022
(54) LAUNDRY TREATING APPARATUS
(62) 2020200664

(71) LIN, H.; LEE, C.
(21) 2022200269 (22) 17.01.2022
(54) EFFORT-SAVING CRANK STRUCTURE AND ASSEMBLY OF BICYCLE
(31) 110102157 (32) 20.01.21 (33) TW

(71) Loi & Tran Pty Ltd
(21) 2022200170 (22) 12.01.2022
(54) A Cutting Screw
(62) 2020201841

Los Alamos National Security, LLC see NMC, Inc.
(21) 2022200067

(71) MacFarlane Burnet Institute for Medical Research and Public Health Pty Ltd
(21) 2022200210 (22) 14.01.2022
(54) Therapeutic method
(62) 2020203696

(71) MacroGenics, Inc.
(21) 2022200168 (22) 12.01.2022
(54) PD-1-binding molecules and methods of use thereof
(62) 2020200054

(71) Magic Leap, Inc.
(21) 2022200110 (22) 10.01.2022
(54) Display system with optical elements for in-coupling multiplexed light streams
(62) 2016278013

Mahmood, S. see Hasan, R.
(21) 2022200021

(71) Mallinckrodt Hospital Products IP Limited
(21) 2022200088 (22) 07.01.2022
(54) COMPENSATING FOR DISRUPTIONS IN BREATHING GAS FLOW MEASUREMENT
(62) 2017215178

(71) MannKind Corporation
(21) 2022200010 (22) 04.01.2022
(54) HEAT-STABLE DRY POWDER PHARMACEUTICAL COMPOSITIONS AND METHODS
(62) 2020200290

(71) Maquet Cardiovascular LLC
(21) 2022200005 (22) 04.01.2022
(54) PORTABLE AND MODULAR TRANSPORTATION UNIT WITH IMPROVED TRANSPORT CAPABILITIES
(62) 2019279932

(71) Marioff Corporation Oy
(21) 2022200227 (22) 14.01.2022
(54) Fire system
(31) 21154746.8 (32) 02.02.21 (33) EP

(71) MasterCard International Incorporated
(21) 2022200201 (22) 13.01.2022
(54) Electronic wallet apparatus, method, and computer program product
(62) 2019264670

(71) MAX CO., LTD.
(21) 2022200036 (22) 05.01.2022
(54) Binding machine
(62) 2019206124

(71) McKay Drilling Pty Ltd
(21) 2022200038 (22) 05.01.2022

(54) Systems and Methods for Gas Compression
(31) 2021900012 (32) 05.01.21 (33) AU

(71) MedicalTree Patent Ltd
(21) 2022200238 (22) 14.01.2022
(54) Heart Help Device, System, And Method
(62) 2020227105

(71) MedImmune, LLC
(21) 2022200104 (22) 10.01.2022
(54) IMPROVED URICASE SEQUENCES AND METHODS OF TREATMENT
(62) 2016265677

(71) Medos International Sarl
(21) 2022200136 (22) 11.01.2022
(54) Thermal debriding tools
(31) 17/146,697 (32) 12.01.21 (33) US

(71) Medos International Sarl
(21) 2022200144 (22) 11.01.2022
(54) Scapular tethers
(31) 17/147,114 (32) 12.01.21 (33) US

(71) Meduloc, LLC
(21) 2022200106 (22) 10.01.2022
(54) Implant and method for long bone fixation
(62) 2017323632

(71) MEI s.r.l.
(21) 2022200124 (22) 11.01.2022
(54) Block-free lens support for lenses surfacing
(31) 21 151 489.8 (32) 14.01.21 (33) EP

(71) Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.
(21) 2022200052 (22) 06.01.2022
(54) Chimeric antigen receptors targeting G-protein coupled receptor and uses thereof
(62) 2015357518

(71) Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.
(21) 2022200056 (22) 06.01.2022
(54) Antibodies targeting B-cell maturation antigen and methods of use
(62) 2015357533

(71) Memorial Sloan-Kettering Cancer Center
(21) 2022200333 (22) 19.01.2022
(54) Targeting chromatin regulators inhibits leukemogenic gene expression in NPM1 mutant leukemia
(62) 2017212572

Complete Applications Filed - Name Index cont'd

(71) Merck Sharp & Dohme Corp.
(21) 2022200142 (22) 11.01.2022
(54) Crystals of anti-human PD-1 mono-
clonal antibodies
(62) 2016223047

(71) Meso Scale Technologies, LLC
(21) 2022200189 (22) 13.01.2022
(54) Assay Apparatuses, Methods and Re-
agents
(62) 2019283996

(71) Milwaukee Electric Tool Corporation
(21) 2022200246 (22) 14.01.2022
(54) Cutter and kit
(62) 2020201204

(71) Minetek Investments Pty Ltd
(21) 2022200107 (22) 10.01.2022
(54) System and Method for Ducted Ventila-
tion
(62) 2018223217

(71) Modalinta Pte Limited
(21) 2022200154 (22) 12.01.2022
(54) GANGPLANK SAFETY DEPLOYMENT
SYSTEM

(71) MONTEFIBRE MAE TECHNOLOGIES
S.r.l.
(21) 2022200225 (22) 14.01.2022
(54) INTEGRATED AND IMPROVED PRO-
CESS FOR THE PRODUCTION OF
ACRYLIC FIBERS
(31) 102021000002324 (32) 03.02.21 (33) IT

(71) Morony, C.
(21) 2022200092 (22) 07.01.2022
(54) LOAD RESTRAINT SYSTEM AND
METHOD
(31) 2021900032 (32) 08.01.21 (33) AU

(71) Myriad myPath, LLC
(21) 2022200004 (22) 04.01.2022
(54) Genes and gene signatures for dia-
gnosis and treatment of melanoma
(62) 2015284460

(71) N3, LLC
(21) 2022200232 (22) 14.01.2022
(54) Product presentation for customer rela-
tionship management
(31) 17/248,314 (32) 19.01.21 (33) US

(71) NAISH, S.
(21) 2022200019 (22) 04.01.2022
(54) Powder Shaker System
(31) 2020904878 (32) 31.12.20 (33) AU
2021901997 30.06.21 AU

(71) Nanotics, LLC
(21) 2022200233 (22) 14.01.2022
(54) COMPOSITIONS AND METHODS RE-
LATED TO SCAVENGER PARTICLES
(62) 2016285868

(71) Netflix, Inc.
(21) 2022200218 (22) 14.01.2022
(54) Techniques for evaluating a video rate
selection algorithm over a completed
streaming session
(62) 2019272529

(71) Nextivity, Inc.
(21) 2022200205 (22) 13.01.2022
(54) LOW POWER IOT BOOSTER NET-
WORK
(62) 2019208328

(71) Nicoventures Trading Limited
(21) 2022200029 (22) 05.01.2022
(54) Vaping heat map system and method
for electronic vapour provision systems
(62) 2016329891

(71) NMC, Inc.; Los Alamos National Secur-
ity, LLC
(21) 2022200067 (22) 06.01.2022
(54) Improved productivity and bioproduct
formation in phototropin knock/out
mutants in microalgae
(62) 2016272926

(71) O'Brien, S.
(21) 2022200008 (22) 04.01.2022
(54) DEEP VEIN PULSATOR LEGGINGS
(31) 2021900044 (32) 04.01.21 (33) AU

(71) Oleynik, M.
(21) 2022200074 (22) 07.01.2022
(54) Computational Medical Treatment Plan
Method and System with Mass Medical
Analysis
(62) 2020230221

(71) Oslo Universitetssykehus HF
(21) 2022200126 (22) 11.01.2022
(54) Universal killer T-cell
(62) 2016208475

OVD Kinegram AG see Leonhard Kurz Stif-
tung & Co KG
(21) 2022200203

(71) Ovid Therapeutics, Inc.
(21) 2022200085 (22) 07.01.2022
(54) Methods of increasing tonic inhibition
and treating secondary insomnia
(62) 2020217342

(71) PayPal, Inc.
(21) 2022200219 (22) 14.01.2022
(54) Locations platform for managing and
providing of user experiences
(62) 2019262986

(71) Personr
(21) 2021290392 (22) 24.12.2021
(54) Storage, verification and secure sharing
of important or confidential documents
- digitally.

(71) Pharma Mar, S.A.
(21) 2022200249 (22) 14.01.2022
(54) Antitumoral Compounds
(62) 2018260314

(71) Pharma Mar, S.A.
(21) 2022200250 (22) 14.01.2022
(54) Antitumoral Compounds
(62) 2018260314

(71) PhysiOL S.A.
(21) 2022200103 (22) 10.01.2022
(54) Flexible intraocular lens injection device
and storage shuttle for implementing
same
(62) 2017251980

(71) PIERANTOZZI, R.
(21) 2022200141 (22) 11.01.2022
(54) Centrifugal kinetic power turbine
(31) 17/175,838 (32) 15.02.21 (33) US

(71) PreventAGE Health Care, LLC
(21) 2022200100 (22) 10.01.2022
(54) Methods for improving diabetes man-
agement
(62) 2016318175

(71) PRICEMAN, S.; FORMAN, S.;
BROWN, C.
(21) 2022200116 (22) 10.01.2022
(54) Chimeric Antigen Receptors Targeting
HER2
(62) 2016349722

(71) Prysmian S.p.A.
(21) 2022200194 (22) 13.01.2022
(54) Optical fibre unit for air-blown installa-
tions
(31) 102021000001742 (32) 28.01.21 (33) IT

(71) Psomagen, Inc.
(21) 2022200242 (22) 14.01.2022
(54) Method and system for microbiome-de-
rived diagnostics and therapeutics for
autoimmune system conditions
(62) 2016248063

Complete Applications Filed - Name Index cont'd

- (71) Psomagen, Inc.
(21) 2022200243 (22) 14.01.2022
(54) Method and system for microbiome-derived characterization, diagnostics and therapeutics for cutaneous conditions
(62) 2016250100
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- (71) Psomagen, Inc.
(21) 2022200245 (22) 14.01.2022
(54) Method and system for microbiome-derived diagnostics and therapeutics for conditions associated with microbiome taxonomic features
(62) 2016250102
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- (71) Qualcomm Incorporated
(21) 2022200032 (22) 05.01.2022
(54) PRACH AND/OR SRS SWITCHING ENHANCEMENTS
(62) 2017336670
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- (71) Quidnet Energy, Inc.
(21) 2022200020 (22) 04.01.2022
(54) Method and Materials for Manipulating Hydraulic Fracture Geometry
(31) 17/145,666 (32) 11.01.21 (33) US
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- (71) Qulok IP Pty Ltd
(21) 2022200120 (22) 10.01.2022
(54) A Security Screen Assembly
(31) 2021901384 (32) 10.05.21 (33) AU
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- (71) QUMEA AG
(21) 2022200097 (22) 10.01.2022
(54) Method for monitoring a recumbent patient to obtain information on a body position of the patient
(31) 00014/21 (32) 11.01.21 (33) CH
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- (71) Rafalko, N.
(21) 2022200068 (22) 06.01.2022
(54) Telecommunication system and method for settling session transactions
(62) 2019282536
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- (71) Regeneron Pharmaceuticals, Inc.
(21) 2022200272 (22) 17.01.2022
(54) Human antibodies to Bet v 1 and methods of use thereof
(62) 2018275657
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- (71) Regents of the University of Minnesota; Intima Bioscience, Inc.; The United States of America, as represented by the Secretary Department of Health and Human Services
(21) 2022200267 (22) 17.01.2022
(54) Tumor infiltrating lymphocytes and methods of therapy
(62) 2017346885
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- (71) Reliance Worldwide Corporation (Aust.) Pty. Ltd.
(21) 2022200128 (22) 11.01.2022
(54) Pipe connection fitting
(62) 2020200441
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- (71) Remendium Labs LLC
(21) 2022200193 (22) 13.01.2022
(54) SYSTEM AND METHOD FOR KEGEL TRAINING
(62) 2019240720
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- (71) Robertson, C.; Yeganeh, K.; Cho, Y.; DE Innovations Inc.
(21) 2022200206 (22) 13.01.2022
(54) Simultaneous Beverage Can Puncturing Device
(31) 3,138,607 (32) 11.11.21 (33) CA
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- (71) Rovi Guides, Inc.
(21) 2022200234 (22) 14.01.2022
(54) Methods and systems for recommending media content
(62) 2016222632
-
- (71) Royal Biologics
(21) 2022200087 (22) 07.01.2022
(54) Methods and apparatus for separating fluid components
(62) 2016359598
-
- (71) RTC Industries, Inc.
(21) 2022200145 (22) 11.01.2022
(54) System for inventory management
(62) 2020203256
-
- (71) Rush University Medical Center
(21) 2022200277 (22) 17.01.2022
(54) The use of a benzoate containing composition to treat glycine encephalopathy
(62) 2018345244
-
- (71) S.D. Sight Diagnostics Ltd
(21) 2022200112 (22) 10.01.2022
(54) Methods and apparatus for detecting an entity in a bodily sample
(62) 2016322966
-
- (71) Sage Therapeutics, Inc.
(21) 2022200247 (22) 14.01.2022
(54) C7, C12, and C16 substituted neuroactive steroids and their methods of use
(62) 2017296295
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- (71) Salera, D.
(21) 2022200044 (22) 06.01.2022
(54) PORTABLE BUILDING STRUCTURE
(31) 2021900018 (32) 06.01.21 (33) AU
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- (71) Samsung Electronics Co., Ltd.
(21) 2022200121 (22) 11.01.2022
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- (54) SYSTEMS AND METHODS FOR STORAGE DEVICE RESOURCE MANAGEMENT
(31) 63/146,448 (32) 05.02.21 (33) US
17/230,853 14.04.21 US
-
- (71) Sanguine Technology, LLC
(21) 2022200115 (22) 10.01.2022
(54) Systems and methods for providing osotomy faceplates in close proximity with negative pressure wound devices
(62) 2020310135
-
- (71) Schneider Electric Industries SAS
(21) 2022200162 (22) 12.01.2022
(54) RESIDUAL CURRENT DEVICE AND SELF-TESTING METHOD FOR THE SAME
(31) 2021100380299 (32) 12.01.21 (33) CN
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- (71) Schneider Electric USA, Inc.
(21) 2022200274 (22) 17.01.2022
(54) SUPPLEMENTAL TECHNIQUES FOR CHARACTERIZING POWER QUALITY EVENTS IN AN ELECTRICAL SYSTEM
(62) 2019204823
-
- (71) Schneider Electric USA, Inc.
(21) 2022200275 (22) 17.01.2022
(54) SYSTEMS AND METHODS FOR ANALYZING POWER QUALITY EVENTS IN AN ELECTRICAL SYSTEM
(62) 2019204827
-
- (71) Selecta Biosciences, Inc.
(21) 2022200157 (22) 12.01.2022
(54) Local, concomitant administration of tolerogenic synthetic nanocarriers to reduce type I and type IV hypersensitivity
(62) 2019250117
-
- (71) Seminis Vegetable Seeds, Inc.
(21) 2022200192 (22) 13.01.2022
(54) PEPPER HYBRID SVPB8193
(62) 2017204190
-
- (71) Shaanxi YuanGuang Hi-tech Co.,Ltd.
(21) 2022200132 (22) 11.01.2022
(54) BIO-LIGHT ELEMENT, AND PREPARATION METHOD AND USE THEREOF
(31) 202111201813.3 (32) 15.10.21 (33) CN
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- (71) Shell Internationale Research Maatschappij B.V.
(21) 2022200199 (22) 13.01.2022
(54) Method of operating a liquefied natural gas production facility
(62) 2018380883
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- (71) Shenzhen Yitao Intelligent Industrial Co., Ltd
(21) 2022200236 (22) 14.01.2022
(54) STERILIZATION MODULE AND AIR PURIFIER
(31) 2021225483001 (32) 21.10.21 (33) CN
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- (71) Shenzhen Yitao Intelligent Industrial Co., Ltd
(21) 2022200240 (22) 14.01.2022
(54) STERILIZATION DEVICE, AIR FILTER, AND FILTRATION SYSTEM
(31) 2021221535543 (32) 07.09.21 (33) CN
2021110454513 07.09.21 CN
-
- (71) Sigma-Aldrich Co. LLC
(21) 2022200130 (22) 11.01.2022
(54) Engineered Cas9 systems for eukaryotic genome modification
(62) 2019222568
-
- (71) Signpath Pharma, Inc.
(21) 2022200076 (22) 07.01.2022
(54) Compositions and method for reducing cardiotoxicity
(62) 2018298150
-
- (71) Simplehuman, LLC
(21) 2022200042 (22) 06.01.2022
(54) Compositions and materials for odor reducing articles including trash bags
(31) 63/134,874 (32) 07.01.21 (33) US
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- (71) Snap-on Incorporated
(21) 2022200185 (22) 13.01.2022
(54) STORAGE UNIT WITH POWER MONITORING CAPABILITY
(31) 17/151,985 (32) 19.01.21 (33) US
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- (71) Sorkin, F.L.
(21) 2022200165 (22) 12.01.2022
(54) Strand cutter
(31) 17/572,766 (32) 11.01.22 (33) US
63/136,949 13.01.21 US
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- (71) Sungrow Hefei Smart Maintenance Technology Co., Ltd
(21) 2022200143 (22) 11.01.2022
(54) Method and system for determining shielding to photovoltaic string
(31) 202110037650.3 (32) 12.01.21 (33) CN
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- (71) Swinburne University of Technology
(21) 2022200006 (22) 04.01.2022
(54) DATA PROCESSING DEVICE INCORPORATING AN OPTICAL FREQUENCY COMB
-
- (71) Syntimmune, Inc.
(21) 2022200024 (22) 05.01.2022
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- (54) Humanized affinity matured anti-FcRn antibodies
(62) 2016262100
-
- (71) Syros Pharmaceuticals, Inc.
(21) 2022200059 (22) 06.01.2022
(54) Methods of stratifying patients for treatment with retinoic acid receptor-alpha agonists
(62) 2016243702
-
- (71) The Boeing Company
(21) 2022200011 (22) 04.01.2022
(54) Spatial web of trust key initialization method for sensor platform array using directed close-field communication
(31) 63/136,012 (32) 11.01.21 (33) US
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- (71) The Boeing Company
(21) 2022200058 (22) 06.01.2022
(54) Inserts, assemblies including inserts, and methods of use of inserts
(31) 63/180,512 (32) 27.04.21 (33) US
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- (71) The Chinese University of Hong Kong
(21) 2022200046 (22) 06.01.2022
(54) Maternal plasma transcriptome analysis by massively parallel RNA sequencing
(62) 2019246833
-
- (71) The General Hospital Corporation; AZ-Therapies, Inc.
(21) 2022200260 (22) 17.01.2022
(54) Methods for delivering cromolyn
(62) 2019271898
-
- (71) The Great States Corporation
(21) 2022200111 (22) 10.01.2022
(54) Reel mower cutting bar
(31) 17/144,702 (32) 08.01.21 (33) US
-
- (71) The Regents of the University of Colorado, a body corporate; ClarVista Medical, Inc.
(21) 2022200200 (22) 13.01.2022
(54) Modular intraocular lens designs and methods
(62) 2019222875
-
- (71) The Regents of the University of Michigan
(21) 2022200197 (22) 13.01.2022
(54) Pyrrolo[2,3-C]pyridines and related analogs as LSD-1 inhibitors
(62) 2018269947
-
- (71) The Star Entertainment Group Limited
(21) 2022200017 (22) 04.01.2022
(54) Roulette table
(31) 2021900047 (32) 11.01.21 (33) AU
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- (71) The Trustees of Columbia University in the City of New York
(21) 2022200041 (22) 06.01.2022
(54) Temperature swing solvent extraction for descaling of feedstreams
(31) 63/134,826 (32) 07.01.21 (33) US
(61) 2020273466
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- (71) The Trustees of the University of Pennsylvania
(21) 2022200016 (22) 04.01.2022
(54) Cancer vaccines and methods of treatment using the same
(62) 2019261784
-
- (71) The United States of America, as represented by The Secretary, Department of Health and Human Services; Biomed Valley Discoveries, Inc.
(21) 2022200117 (22) 10.01.2022
(54) TEM8 ANTIBODIES AND THEIR USE
(62) 2019253864
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- The United States of America, as represented by the Secretary Department of Health and Human Services see Regents of the University of Minnesota**
(21) 2022200267
-
- (71) Think Surgical, Inc.
(21) 2022200119 (22) 10.01.2022
(54) Method for confirming registration of tracked bones
(62) 2016357286
-
- (71) Thorne, S.
(21) 2022200169 (22) 12.01.2022
(54) HIGH MOBILITY GROUP BOX I MUTANT
(62) 2017332367
-
- Tianjin Navigation Instruments Research Institute see Beijing LongRuan Technologies Inc.**
(21) 2022200033
-
- (71) ToolGen Incorporated
(21) 2022200262 (22) 17.01.2022
(54) Target-specific CRISPR mutant
(62) 2018295992
-
- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**
(21) 2022200028
-
- Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba**
(21) 2022200057
-
- (71) TRACTO-TECHNIK GmbH & Co. KG
(21) 2022200150 (22) 12.01.2022

Complete Applications Filed - Name Index cont'd

(54) ENGLISH TITLE TO BE CONFIRMED
- Anordnung einer Erdbohrvorrichtung,
Verfahren zum Betrieb einer Erdbohr-
vorrichtung und Verwendung einer An-
ordnung einer Erdbohrvorrichtung
(31) 102021000497.3 (32) 02.02.21 (33) DE

(71) Translate Bio, Inc.
(21) 2022200099 (22) 10.01.2022
(54) MESSENGER RNA THERAPY FOR
TREATMENT OF ARTICULAR DIS-
EASE
(62) 2015357562

(71) Turning Point Propellers, Inc.
(21) 2022200261 (22) 17.01.2022
(54) Propeller assembly with noise reducing
hub arrangement
(31) 17/154,492 (32) 21.01.21 (33) US

(71) TuSimple, Inc.
(21) 2022200113 (22) 10.01.2022
(54) Proactive lane change for autonomous
vehicles
(31) 17/150,360 (32) 15.01.21 (33) US

(71) TuSimple, Inc.
(21) 2022200114 (22) 10.01.2022
(54) Responder oversight system for an
autonomous vehicle
(31) 17/150,581 (32) 15.01.21 (33) US

(71) Ultee, M.; Corbett, M.
(21) 2022200276 (22) 17.01.2022
(54) MANUFACTURE OF FERTILISER

(71) Universite de Geneve
(21) 2022200061 (22) 06.01.2022
(54) Tri-segmented anaraviruses as vaccine
vectors
(62) 2015345080

(71) University of Florida Research Founda-
tion, Inc
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(21) 2022200161 (22) 12.01.2022
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lating mechanism and sleeping basket
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With One Or More Reflectors And
Systems Which Determine Operating
Parameters And Disinfection Schedules
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2022200025	UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER AT FORT WORTH	2022200087	Royal Biologics
2022200026	Amgen Inc.	2022200088	Mallinckrodt Hospital Products IP Limited
2022200027	Ferring B.V.	2022200089	Janssen Pharmaceutica NV
2022200028	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2022200090	W.C. Bradley Co.
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2022200030	CNH Industrial America LLC	2022200093	Grand Performance Online Pty Ltd
2022200031	HOWMEDICA OSTEONICS CORP.	2022200094	Xenex Disinfection Services LLC
2022200032	Qualcomm Incorporated	2022200095	Francis, M.
2022200033	Beijing LongRuan Technologies Inc.; Tianjin Navigation Instruments Research Institute	2022200096	Jia, J.
2022200034	Gentex Corporation	2022200097	QUMEA AG
2022200036	MAX CO., LTD.	2022200098	ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
2022200038	McKay Drilling Pty Ltd	2022200099	Translate Bio, Inc.
2022200039	Welter Giraldes, E.	2022200100	PreventAGE Health Care, LLC
2022200040	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude	2022200101	Blackmore Sensors & Analytics LLC
2022200041	The Trustees of Columbia University in the City of New York	2022200102	Alarm.Com Incorporated
2022200042	Simplehuman, LLC	2022200103	PhysIOL S.A.
2022200043	Flooring Industries Limited, SARL	2022200104	MedImmune, LLC
2022200044	Salera, D.	2022200105	Waymo LLC
2022200045	CATERPILLAR INC.	2022200106	Meduloc, LLC
2022200046	The Chinese University of Hong Kong	2022200107	Minetek Investments Pty Ltd
2022200047	VIDEO GAMING TECHNOLOGIES, INC.	2022200108	Amgen Inc.; Kite Pharma, Inc.
2022200048	Aktiebolaget Electrolux	2022200109	Genentech, Inc.; FOUNDATION MEDICINE, INC.
2022200049	Aristocrat Technologies Australia Pty Limited	2022200110	Magic Leap, Inc.
2022200050	Illinois Tool Works Inc.	2022200111	The Great States Corporation
2022200051	Aristocrat Technologies Australia Pty Limited	2022200112	S.D. Sight Diagnostics Ltd
2022200052	Memorial Sloan-Kettering Cancer Center; Eureka Therapeutics, Inc.	2022200113	TuSimple, Inc.
2022200053	KANE KOGYO Co., Ltd.	2022200114	TuSimple, Inc.
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2022200055	Inkerz Pty Ltd	2022200116	PRICEMAN, S.; FORMAN, S.; BROWN, C.
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2022200057	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation	2022200118	Glennon, R.
2022200058	The Boeing Company	2022200119	Think Surgical, Inc.
2022200059	Syros Pharmaceuticals, Inc.	2022200120	Qulok IP Pty Ltd
2022200060	Forum Energy Technologies Inc.	2022200121	Samsung Electronics Co., Ltd.
2022200061	Universite de Geneve	2022200122	Ginkgo Bioworks, Inc.
2022200062	CFPH, LLC	2022200123	Genomatica, Inc.
2022200063	Grand Performance Online Pty Ltd	2022200124	MEI s.r.l.
		2022200125	Crain, B.
		2022200126	Oslo Universitetssykehus HF
		2022200127	Dynamics Inc.
		2022200128	Reliance Worldwide Corporation (Aust.) Pty. Ltd.
		2022200129	LAKE COUNTRY TOOL, LLC

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2022200131	General Oncology, Inc.	2022200202	Arla Foods Amba
2022200132	Shaanxi YuanGuang Hi-tech Co.,Ltd.	2022200203	Leonhard Kurz Stiftung & Co KG; OVD Kinegram AG
2022200133	Immutep S.A.S.	2022200205	Nextivity, Inc.
2022200134	Aristocrat Technologies Australia Pty Limited	2022200206	Robertson, C.; Yeganeh, K.; Cho, Y.; DE Innovations Inc.
2022200135	WILKINS, Z.	2022200207	AgeX Therapeutics, Inc.
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2022200137	Dexcom, Inc.	2022200209	Baek, J.Y.
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2022200139	CAE USA Inc.	2022200211	LG ELECTRONICS INC.
2022200140	GABRIEL, K.	2022200212	Apple Inc.
2022200141	PIERANTOZZI, R.	2022200213	Deere & Company
2022200142	Merck Sharp & Dohme Corp.	2022200214	Canva Pty Ltd
2022200143	Sungrow Hefei Smart Maintenance Technology Co., Ltd	2022200215	LG Electronics Inc.
2022200144	Medos International Sarl	2022200216	CNH Industrial America LLC
2022200145	RTC Industries, Inc.	2022200217	CNH Industrial America LLC
2022200146	W. L. Gore & Associates, Inc.	2022200218	Netflix, Inc.
2022200147	W. L. Gore & Associates, Inc.	2022200219	PayPal, Inc.
2022200148	XIAMEN CHUANGLIU TECHNOLOGY CO., LTD.	2022200220	Axial Therapeutics, Inc.
2022200149	Argenta Innovation Limited	2022200221	Illinois Tool Works Inc.
2022200150	TRACTO-TECHNIK GmbH & Co. KG	2022200222	van Wijck, K.
2022200151	Derrick Corporation	2022200223	Kop-Coat, Inc.
2022200152	Zucker, S.	2022200224	Google LLC
2022200153	Derrick Corporation	2022200225	MONTEFIBRE MAE TECHNOLOGIES S.r.l.
2022200154	Modalinta Pte Limited	2022200226	Vesper Medical, Inc.
2022200155	Biogen MA Inc.	2022200227	Marioff Corporation Oy
2022200156	Xtrusion Designs LLC	2022200228	Avent, Inc.
2022200157	Selecta Biosciences, Inc.	2022200229	Cornell University
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2022200160	AbbVie Deutschland GmbH & Co. KG	2022200232	N3, LLC
2022200161	WONDERLAND SWITZERLAND AG	2022200233	Nanotics, LLC
2022200162	Schneider Electric Industries SAS	2022200234	Rovi Guides, Inc.
2022200163	CROWN EQUIPMENT CORPORATION, A Corporation of the State of Ohio	2022200235	Battelle Memorial Institute
2022200164	Delta Electronics (Shanghai) Co.,Ltd.	2022200236	Shenzhen Yitao Intelligent Industrial Co., Ltd
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2022200166	Haddon, C.	2022200238	MedicalTree Patent Ltd
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2022200169	Thorne, S.	2022200241	Hao, G.
2022200170	Loi & Tran Pty Ltd	2022200242	Psomagen, Inc.
2022200171	BD Kiestra B.V.	2022200243	Psomagen, Inc.
2022200172	Johnson & Johnson Vision Care, Inc.	2022200244	3M Innovative Properties Company
2022200173	Vetco Gray Scandinavia AS	2022200245	Psomagen, Inc.
2022200174	Acer Incorporated	2022200246	Milwaukee Electric Tool Corporation
2022200175	HANWHA SOLUTIONS CORPORATION	2022200247	Sage Therapeutics, Inc.
2022200177	Acer Incorporated	2022200248	W. L. Gore & Associates, Inc.
2022200178	Hayward Industries, Inc.	2022200249	Pharma Mar, S.A.
2022200179	Illumina, Inc.	2022200250	Pharma Mar, S.A.
2022200180	Bayer HealthCare LLC	2022200251	E Ink California, LLC
2022200181	LG Electronics Inc.	2022200252	Fuzhou Autran Industrial Co., Ltd.
2022200182	LG Electronics Inc.	2022200253	Carlesso, S.
2022200183	ZELOCCHI, E.	2022200255	Cepheid
2022200184	LG Electronics Inc.	2022200256	Ethicon, Inc.
2022200185	Snap-on Incorporated	2022200257	Dana-Farber Cancer Institute, Inc.
2022200186	University of Massachusetts	2022200258	CFPH, LLC
2022200187	Beijing Baidu Netcom Science Technology Co., Ltd.	2022200259	FISHER & PAYKEL HEALTHCARE LIMITED
2022200188	Astellas Institute for Regenerative Medicine	2022200260	The General Hospital Corporation; AZTherapies, Inc.
2022200189	Meso Scale Technologies, LLC	2022200261	Turning Point Propellers, Inc.
2022200190	Cardinal Commerce Corporation	2022200262	ToolGen Incorporated
2022200191	ERIS TECHNOLOGY PTY LTD	2022200263	XSB, Inc.
2022200192	Seminis Vegetable Seeds, Inc.	2022200264	Beyond Architectural Pty Ltd
2022200193	Remendium Labs LLC	2022200267	Regents of the University of Minnesota; Intima Bioscience, Inc.; The United States of America, as represented by the Secretary Department of Health and Human Services
2022200194	Prysmian S.p.A.	2022200268	Apple Inc.
2022200195	Hunt Perovskite Technologies, L.L.C.	2022200269	LIN, H.; LEE, C.
2022200196	Fusion Pharmaceuticals Inc.	2022200270	Ameri, D.
2022200197	The Regents of the University of Michigan	2022200271	Wonderland Switzerland AG
2022200198	CATERPILLAR INC.		
2022200199	Shell Internationale Research Maatschappij B.V.		
2022200200	The Regents of the University of Colorado, a body corporate; ClarVista Medical, Inc.		

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2022200273	University of Florida Research Foundation, Inc
2022200274	Schneider Electric USA, Inc.
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2022200276	Ultee, M.; Corbett, M.
2022200277	Rush University Medical Center
2022200333	Memorial Sloan-Kettering Cancer Center

Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jan 2022 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) FMG International Pte Ltd
(21) 2022100010 **(22)** 21.01.2022
(54) Vessel
(62) 2021221776

(71) INTERNATIONAL TARGET DARTING
ORGANISATION IP PTY LTD
(21) 2022100009 **(22)** 20.01.2022
(54) Method and System for Multi-venue
Competitions
(62) 2016253696

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2022100009 INTERNATIONAL TARGET DARTING ORGANISATION IP PTY LTD **2022100010** FMG International Pte Ltd

Applications with amended filing dates Reg 3.5(A).

2020103903 **Bazzard, R.** The filing date has been amended to 07.12.2020
 2020104080 **Patterson, S.** The filing date has been amended to 02.03.2021
 2021100354 **Weihai Ocean Vocational College; Harbin Engineering University** The filing date has been amended to 21.01.2021
 2021101853 **Henan University** The filing date has been amended to 26.04.2021
 2021103002 **Self Assurance Investigations** The filing date has been amended to 11.08.2021
 2021901903 **Lampard, R.** The filing date has been amended to 06.07.2021
 2021903083 **Malcolm, J.** The filing date has been amended to 01.11.2021

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

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2009

2009202610 (14) 2009202622 (14) 2009202659 (14)
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2017216559 (14) 2017219004 (14) 2017228742 (5C)
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 2017395171 (4B) 2017396987 (4B) 2017409825 (4B)
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2018

2018100874 (22E) 2018100981 (22E) 2018102064 (22E)
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2019

2019100701 (22E) 2019100703 (22E) 2019100706 (22E)
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2020

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2021

2021100635 (21F) 2021100637 (21F) 2021100641 (21F)
 2021100643 (21F) 2021101535 (21F) 2021101978 (21F)
 2021107408 (18AN) 2021200321 (4C) 2021202513 (4C)
 2021250938 (7AN) 2021254569 (1B) 2021257947 (1B)
 2021900138 (12AN) 2021900173 (12AN) 2021900308 (12AN)

Assignments before Grant, Section 113

2016

2016258880 Universite d'Aix-Marseille; Centre National de la Recherche Scientifique (CNRS); Universite Paris Sud The application has been assigned to **Universite Paris-Saclay; Centre National de la Recherche Scientifique (CNRS); Universite d'Aix-Marseille**

2016294185 Nobelpharma Co., Ltd.; National University Corporation Tottori University The application has been assigned to **SRI INTERNATIONAL; National University Corporation Tottori University**

2017

2017211712 Coral Detection Systems Ltd. The application has been assigned to **CORAL SMART POOL LTD**

2017254824 Wicked Witch Software Pty Ltd The application has been assigned to **Visser Custodians Pty Ltd ATF Daniel Visser Discretionary Trust**

2017267969 Stealth Biotherapeutics Corp The application has been assigned to **Stealth Biotherapeutics Inc.**

2017281157 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2017281680 UWater Oy The application has been assigned to **Uponor Oyj**

2017281681 UWater Oy The application has been assigned to **Uponor Oyj**

2017283181 F-STAR DELTA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2017299175 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2017313538 Garcés Barón, Jorge The application has been assigned to **Ulyzer Holding AG**

2017361417 Bono, Peter The application has been assigned to **Capstone Surgical Technologies, LLC**

2017362480 Bono, Peter The application has been assigned to **Capstone Surgical Technologies, LLC**

2018

2018206231 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2018217746 Bergstrom, Robert The application has been assigned to **Natural Ocean Well Co.**

Assignments before Grant, Section 113

2018229682 Queensland University of Technology; Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Commonwealth Scientific and Industrial Research Organisation**

2018238691 Albarano, Teo The application has been assigned to **Joyderma AG**

2018240416 Etablissement Francais du Sang; Universite Paris-Sud 11; INSERM (Institut National de la Santé et de la Recherche Médicale); Institut de Radioprotection et de Sûreté Nucléaire; Centre National de la Recherche Scientifique; Sorbonne Université The application has been assigned to **Université Paris-Saclay; Etablissement Francais du Sang; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique; Institut de Radioprotection et de Sûreté Nucléaire; Sorbonne Université**

2018254630 Snyder, James The application has been assigned to **JIMMY COCO INTERNATIONAL LIMITED**

2018264064 Bono, Peter L. The application has been assigned to **Capstone Surgical Technologies, LLC**

2018355215 Bono, Peter The application has been assigned to **Capstone Surgical Technologies, LLC**

2018364916 Hiroshima University; 3-D Matrix, Ltd. The application has been assigned to **Purmx Therapeutics, Inc.**

2018387741 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019

2019207913 Bono, Peter The application has been assigned to **Capstone Surgical Technologies, LLC**

2019208033 Bono, Peter The application has been assigned to **Capstone Surgical Technologies, LLC**

2019220661 Valent U.S.A. LLC The application has been assigned to **Sumitomo Chemical Company, Limited**

2019224912 Xilloc Nexus B.V. The application has been assigned to **Xilloc Holding B.V.**

2019227494 Kaseum Holdings Limited The application has been assigned to **Impact Selector Limited**

2019253968 Futerman, Roman; Electriq-Global Energy Solutions Ltd.; Zilberman, Alexander; Karasenti, Erez; Ginzburg, Denis The application has been assigned to **Electriq-Global Energy Solutions Ltd.**

2019301204 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019301206 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019301208 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

Assignments before Grant, Section 113

2019303030 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019303032 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019303033 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019303080 F-STAR BETA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019303081 F-STAR DELTA LIMITED The application has been assigned to **F-star Therapeutics Limited**

2019342120 Mazor, Meital; Mazor, Rafi; Babkin, Alexei The application has been assigned to **B2M Medical, Inc.**

2019367206 Polpharma Biologics Utrecht B.V. The application has been assigned to **JJP BIOLOGICS SP. Z O.O.**

2019400398 Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Med-shine Discovery Inc. The application has been assigned to **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.**

2019409446 Universiteit Gent The application has been assigned to **Trince bv**

2019440992 Kimberly-Clark (China) Co., Ltd. The application has been assigned to **Kimberly-Clark Worldwide, Inc.**

2020

2020226507 Valent U.S.A. LLC The application has been assigned to **Sumitomo Chemical Company, Limited**

2020231347 Ava Food Labs, Inc. The application has been assigned to **Voyage Foods, Inc.**

2020234394 Research & Business Foundation Sungkyunkwan University; AbTis Co., Ltd. The application has been assigned to **AbTis Co., Ltd.**

2020268944 Jamoletti, Francesco The application has been assigned to **Regas Srl**

2020279980 Martz, Andrew; Martz, Martin The application has been assigned to **Archform Inc.**

2020286682 King's College London; Combikine Biotechnology Limited The application has been assigned to **Peacock Biotherapeutics Limited**

2020292349 Chevron Australia Pty Ltd; Chevron U.S.A. Inc. The application has been assigned to **Chevron U.S.A. Inc.**

2020297587 Venkatasubramanian, Meenakshi; Singh, Nidhi; Jackson, Quinn The application has been assigned to **Pattern Computer, Inc.**

Assignments before Grant, Section 113

2021

2021902316 **SWEAT1000 Pty Ltd** The application has been assigned to **S Bell Training Pty Limited**

2021902482 **Transparent Access Pty Ltd** The application has been assigned to **DEFY-HI ROBOTICS PTY 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.

2014

2014257024 **NeuroSigma, Inc.** An application to extend the time from 24 Apr 2021 to 24 Nov 2021 in which to pay a renewal fee has been filed . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2014318126 **Sheard, I.** An application to extend the time from 03 Sep 2018 to 03 Jan 2021 in which to pay the renewal fee has been filed . Address for service - Pipers Intellectual Property 1st Floor, Imagetext House 3 Owens Road Epsom Auckland 1023 NZ

2017

2017261203 **Selner, A.** An application to extend the time from 29 Apr 2021 to 29 Nov 2021 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019100674 **Silicomb Pty Ltd** An application to extend the time from 20 Jun 2021 to 20 Jan 2022 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2019285846 **H2GO POWER LTD** An application to extend the time from 15 Jan 2021 to 15 Nov 2021 in which to enter the National Phase has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2020

2020201068 **BE Intellectual Property, Inc.** An application to extend the time from 19 Apr 2021 to 19 Jun 2022 in which to pay a continuation fee and gain acceptance has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

Applications Allowed - Section 223(2)

2016

2016355594 **The General Hospital Corporation** The time in which to pay a continuation fee has been extended to 21 Sep 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Extensions of Time, Section 223

2017

2017272184 **HitIQ Limited** The time in which to request examination has been extended to 07 Jan 2022 . Address for service - FORWARD INTELLECTUAL PROPERTY PTY LTD U 3 127 Crown Rd Queenscliff NSW 2096 AU

2018

2018208716 **Incredible Foods, Inc.** The time in which to pay a renewal fee has been extended to 28 Aug 2021 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018210005 **RIEKE LLC** The time in which to request examination has been extended to 26 Jan 2022 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 SYDNEY NSW 1225 AU

2020

2020224164 **ADVANTAGENE, INC.** The time in which to enter the National Phase has been extended to 22 Nov 2021 . Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2021

2021203507 **Levitas, Inc.; Facer, G.; Travers, K.; De Groot, T.** The time in which to claim the convention priority date has been extended to 30 May 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Section 223(1) Allowances

2020

2020276233 **KEY PHARMA BIOMEDICAL INC.** The time in which to enter the National Phase has been extended to 13 Jan 2022

2020287832 **TAN, Wen** The time in which to enter the National Phase has been extended to 07 Jan 2022

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.

2006

2006301867 **Vehicle recovery and traction ladder Maxtrax Australia Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read McCarthy, Bradley John and Serisier, Mark Justin . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2009

2009321556 **Method for using mining vehicle, arrangement in mine, rock drilling rig, and mining vehicle SANDVIK MINING AND CONSTRUCTION OY** The nature of the amendment is as shown in the

Amendments

statement(s) filed 21 Jan 2022 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2012

2012205168 A Vehicle Ladder **Maxtrax Australia Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read McCarthy, Bradley John and Serisier, Mark Justin . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016219897 Reagents and methods for detecting infectious diseases **Ionica Sciences** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2022 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016287781 Determining a spatial configuration of multiple nuclei **The University of Melbourne** The nature of the amendment is: Amend the name of the inventor to read Hollenberg, Lloyd; Perunicic, Viktor and Hill, Charles . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2016297922 Sample processing device comprising magnetic and mechanical actuating elements using linear or rotational motion and methods of use thereof **Novel Microdevices, LLC (DBA Novel Devices)** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2016357756 Production of fatty olefin derivatives via olefin metathesis **Provivi, Inc.** The nature of the amendment is: Amend the name of the inventor to read Wampler, Keith M.; Meinhold, Peter; Coelho, Pedro; Bui, Vu and Mehdi, Hasa . Address for service - Spruson & Ferguson GPO BOX 3898 Sydney NSW 2001 AU

2016389383 Medical imaging system having an array of distributed x-ray generators **Adaptix Ltd** The nature of the amendment is as shown in the statement(s) filed 18 Jan 2022 . Address for service - Halfords IP GPO Box 4212 Sydney NSW 2001 AU

2017

2017301880 Immunomodulatory polypeptides and related compositions and methods **Juno Therapeutics, Inc.** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2022 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018

2018224145 Key establishment and data sending method and apparatus **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Sep 2021 . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2018260314 Antitumoral compounds **Pharma Mar, S.A.** The nature of the amendment is as shown in the statement(s) filed 14 Jan 2022 . Address for service - WRAYS PTY LTD 863 Hay Street Perth WA 6000 AU

2019

2019210647 Peptide for inducing regeneration of tissue and use thereof **StemRIM Inc.** The nature of the amendment is: Add applic-

Amendments

ant Osaka University . Address for service - Davies Collision Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2019261524 Comment previews displayed in context within content item **Dropbox, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2022 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2019389180 Heat transfer plate **Alfa Laval Corporate AB** The nature of the amendment is as shown in the statement(s) filed 17 Jan 2022 . Address for service - FB Rice Pty Ltd Level 23, 44 Market Street Sydney NSW 2000 AU

2020

2020200656 Laundry treating apparatus **LG Electronics Inc.** The nature of the amendment is as shown in the statement(s) filed 23 Dec 2021 . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

2020294337 Inhibition of cytokine-induced SH2 protein in NK cells **The Walter and Eliza Hall Institute of Medical Research** The nature of the amendment is as shown in the statement(s) filed 05 Jan 2022 . Address for service - FB Rice Pty Ltd Level 33 477 Collins Street Melbourne VIC 3000 AU

2021

2021107181 METHOD AND SYSTEM FOR ACQUIRING GEOLOGICAL DATA FROM A BORE HOLE **Reflex Industries Asia Pacific Pty Ltd** The nature of the amendment is: Correct the name of the patentee to read Reflex Instruments Asia Pacific Pty Ltd . Address for service - IMDEX LTD 216 Balcatta Rd Balcatta WA 6021 AU

2021107255 Container Assembly **Bolted Pty Ltd** The nature of the amendment is: Amend the name of the applicant to Bolted Pty Ltd . Address for service - MEYER WEST IP PTY LTD PO Box 6251 Baulkham Hills NSW 2153 AU

Amendments Made

2005

2005228827 **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2021

2012

2012243436 **BioHeap Limited** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2021

2012258966 **H. Lundbeck A/S** The nature of the amendment is as shown in the statement filed 28 Sep 2021

2016

2016210582 **Isanaka, R.** The nature of the amendment is: To amend the patentee name to read Ramakrishna Reddy Isanaka

2016210582 **Isanaka, R.** The nature of the amendment is: Amend the name of the inventor to read Isanaka, Ramakrishna Reddy

Amendments

2016285720 **Abraxis Bioscience, LLC** The nature of the amendment is as shown in the statement filed 27 Oct 2021

2016299873 **Wix.com Ltd.** The nature of the amendment is as shown in the statement filed 21 Oct 2021

2016380866 **Fresenius Medical Care Holdings, Inc.** The nature of the amendment is as shown in the statement filed 22 Oct 2021

2017

2017294523 **Suez Groupe** The nature of the amendment is as shown in the statement filed 20 Oct 2021

2017316746 **Envases Oehringen GmbH** The nature of the amendment is: Amend the invention title to read Container for storing beer

2017357775 **ConnectWise, Inc.; Fulton, C.; Burgess, S.; Bellini, A.** The nature of the amendment is as shown in the statement filed 11 Oct 2021

2018

2018229278 **Sanofi** The nature of the amendment is: Add the name of co-inventor HOTZ, Christian

2018275359 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 14 Oct 2021

2018311714 **Shanghai Hongyan Returnable Transit Packagings Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2018102233

2018373559 **Nicoventures Trading Limited** The nature of the amendment is as shown in the statement filed 25 Oct 2021

2018375426 **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement filed 21 Oct 2021

2018393020 **PEHRSSON, C.; Dynaflex Products** The nature of the amendment is: Amend the name of the inventor to read PEHRSSON, Cory

2019

2019101108 **Intex Holdings Pty Ltd** The nature of the amendment is as shown in the statement filed 01 Oct 2021

2019207913 **Capstone Surgical Technologies, LLC** The nature of the amendment is: Amend the name of the inventor to read BONO, Peter L.; LARK, James D.; SCALES, John S. and LORD, Thomas J.

2019208033 **Capstone Surgical Technologies, LLC** The nature of the amendment is: Amend the name of the inventor to read BONO, Peter L.; LARK, James D.; SCALES, John S. and LORD, Thomas J.

2019230462 **Animal Ethics Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2019101824

2019275457 **illumina, Inc.** The nature of the amendment is: Amend the name of co-inventor to read Shultzaberger, Sarah E.

Amendments

2019283996 **Meso Scale Technologies, LLC** The nature of the amendment is: Amend the name of the inventor to read Chamberlin, Ian; Clinton, Charles M.; Glezer, Eli N.; Jeffrey-Coker, Bandele; Kochar, Manish; Kovacs, Sandor; Le, D.T.; Leimkuehler, Aaron; Sigal, George; Tabakin, Leo and Willoughby, Jon

2019351324 **ZTE Corporation** The nature of the amendment is as shown in the statement(s) filed 21 Dec 2021

2019352538 **Comrod AS** The nature of the amendment is: Amend the invention title to read APPARATUS AND METHOD FOR CONTROLLING A QUANTITY OF BINDER RESIN THAT FOLLOWS A THREAD

2019377273 **Massey University** The nature of the amendment is: Amend the name of the inventor to read LOCKHART, Peter; WINK-WORTH, Richard; MCLENACHAN, Patricia; GRÜNHEIT, Nicole and FONG, Yang

2019412870 **The Yokohama Rubber Co., Ltd.** The nature of the amendment is as shown in the statement filed 06 Oct 2021

2019449128 **Nippon Telegraph and Telephone Corporation** The nature of the amendment is: Amend the invention title to read DIGITAL TWIN COMPUTATION APPARATUS, DIGITAL TWIN COMPUTATION METHOD, PROGRAM, AND DATA STRUCTURE

2020

2020201086 **Deutsches Krebsforschungszentrum; Ruprecht-Karls-Universität Heidelberg** The nature of the amendment is: To add the name of co-inventor KRATOCHWIL, Clemens

2020257044 **SAS Institute Inc.** The nature of the amendment is: Amend the name of the inventor to read Harris, Bryan C.; Goodwin, Glen R.; Dyer, Sean Riley; Boakye, Jr., Alexius Kofi Ameyaw; Smith, Christopher Francis; Telang, Pankaj Ramesh and Herrick, Damian Tane

2020286279 **Fox Guard IP Pty Ltd** The nature of the amendment is as shown in the statement filed 19 Oct 2021

2020292293 **Alliance for Sustainable Energy, LLC** The nature of the amendment is: Amend the invention title to read Integrated desiccant-based cooling and dehumidification

2020295936 **GS Yuasa International Ltd.** The nature of the amendment is: Amend the invention title to read MAINTENANCE SUPPORT METHOD, MAINTENANCE SUPPORT SYSTEM, MAINTENANCE SUPPORT DEVICE, AND COMPUTER PROGRAM

2020297160 **Nihon Medi-Physics Co., Ltd.** The nature of the amendment is: Amend the invention title to read PRODUCTION METHOD OF 226Ra TARGET, PRODUCTION METHOD OF 225Ac, AND ELECTRODEPOSITION SOLUTION FOR PRODUCING 226Ra TARGET

2020298961 **Nihon Medi-Physics Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD FOR PURIFYING 226Ra-CONTAINING SOLUTION, METHOD FOR PRODUCING 226Ra TARGET, AND METHOD FOR PRODUCING 225Ac

Amendments

2020299016 **Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.** The nature of the amendment is: Amend the invention title to read BEVERAGE DISPENSER

2020299543 **Palleon Pharmaceuticals Inc.** The nature of the amendment is: Amend the name of the inventor to read PENG, Li; CAO, Lizhi; GATLIN, Wayne, C.; YAO, Weiguo; SIDDIQUEE, Zakir, B.; NERLE, Sujata, B. and CHE, Jenny

2020301710 **Behnam, Z.** The nature of the amendment is: Amend the name of the inventor to read BEHNAM, Zuhair Abdulahad Majeed

2020310369 **Nanjing Chervon Industry Co., Ltd.** The nature of the amendment is: Amend the invention title to read RIDING LAWN MOWER AND CONTROL METHOD THEREOF

2020312225 **Photonis France** The nature of the amendment is: Amend the invention title to read DIGITAL NIGHT VISION DEVICE WITH ADJUSTABLE IMAGE ACQUISITION SPEED

2020324270 **Tarnawski, H.** The nature of the amendment is: Amend the invention title to read Fire extinguishing or fire prevention device

2020342541 **6K Inc.** The nature of the amendment is: Amend the invention title to read STRAIN TOLERANT PARTICLE STRUCTURES FOR HIGH ENERGY ANODE MATERIALS AND SYNTHESIS METHODS THEREOF

2020419988 **Huawei Digital Power Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR OBTAINING LOCATION INFORMATION OF CONTROLLER

2021

2021200235 **HAYIM DE VRIES, A.** The nature of the amendment is: Amend the invention title to read INTEGRATED COMPOSTING AND EDIBLE PLANT GROWING FACILITY

2021257892 **llumina, Inc.** The nature of the amendment is: Amend the name of co-inventor to Shultzaberger, Sarah E.

2021290289 **llumina, Inc.** The nature of the amendment is: Amend the name of co-inventor to read CHEN, Cheng-Yao

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

2010

2010227923 MTU Friedrichshafen GmbH The name of the patentee has been altered to **Rolls-Royce Solutions GmbH**

2012

2012339228 Hexion GmbH The name of the patentee has been altered to **Bakelite GmbH**

2013

2013369251 Diana Naturals The name of the patentee has been altered to **Diana Food**

Amendments

2013408189 Mixers Australia Pty Ltd; Downer Edi Mining - Blasting Services Pty Ltd The name of the patentee has been altered to **Mixers Australia Pty Ltd; Enaex Australia Pty Ltd**

2014

2014343754 Paris Sciences et Lettres - Quartier Latin The name of the patentee has been altered to **PARIS SCIENCES ET LETTRES**

2015

2015370666 SUDA Pharmaceuticals Ltd The name of the patentee has been altered to **Arovela Therapeutics Limited**

2017

2017100356 Nicholls Technologies Pty Ltd The name of the patentee has been altered to **Allkraft Pty Ltd**

2017316746 Trivium Packaging Group Netherlands B.V. The name of the applicant has been altered to **Envases Oehringen GmbH**

2017346327 MTU Friedrichshafen GmbH The name of the applicant has been altered to **Rolls-Royce Solutions GmbH**

2017408652 MTU Friedrichshafen GmbH The name of the applicant has been altered to **Rolls-Royce Solutions GmbH**

2018

2018355167 AVX Corporation The name of the applicant has been altered to **KYOCERA AVX Components Corporation**

2018359420 KaliVir Immunotherapeutics LLC The name of the applicant has been altered to **KaliVir Immunotherapeutics, Inc.**

2018374354 AVX Corporation The name of the applicant has been altered to **KYOCERA AVX Components Corporation**

2018393020 Cory PHERSSON; Dynaflex Products The name of the applicant has been altered to **PEHRSSON, C.; Dynaflex Products**

2019

2019100852 Nicholls Technologies Pty Ltd The name of the patentee has been altered to **Allkraft Pty Ltd**

2019229976 AVX Corporation The name of the applicant has been altered to **KYOCERA AVX Components Corporation**

2019265888 Neuracle Science Co., Ltd.; Seoul National University R&DB Foundation The name of the applicant has been altered to **Neuracle Science Co., Ltd.**

2019274927 Oxford Nanopore Technologies Ltd The name of the applicant has been altered to **Oxford Nanopore Technologies plc**

2019421047 Organ Assist B.V.; Rijksuniversiteit Groningen; Academisch Ziekenhuis Groningen The name of the applicant has been altered to **XVIVO Holdings B.V.; Rijksuniversiteit Groningen; Academisch Ziekenhuis Groningen**

Amendments

2019465017 Halliburton Energy Services The name of the applicant has been altered to **Halliburton Energy Services, Inc.**

2020

2020227111 Batelle Memorial Institute The name of the applicant has been altered to **Battelle Memorial Institute**

2020239385 Oxford Nanopore Technologies Limited The name of the applicant has been altered to **Oxford Nanopore Technologies plc**

2020242314 Oxford Nanopore Technologies Limited The name of the applicant has been altered to **Oxford Nanopore Technologies plc**

2020269393 TheraGun, Inc. The name of the applicant has been altered to **Therabody, Inc**

2020294944 Aenorasis Commercial Company of Pharmaceutical and Medical Products and Machines Societe Anonyme The name of the applicant has been altered to **Aenorasis Commercial Company of Pharmaceutical and Medical Products and Machines Societe Anonyme**

2020301710 Benham, Zuhair The name of the applicant has been altered to **Behnam, Z.**

2020311879 Rezolute, Inc.; Activesite Pharmaceuticals, Inc. The name of the applicant has been altered to **ActiveSite Pharmaceuticals, Inc.; Rezolute, Inc.**

2020317009 The Children's Hospital of Philadelphia; The United States of America, as represented by the Secretary, Department of Health and Human Services; The Board of Trustees of the Leland Stanford Junior University The name of the applicant has been altered to **The Children's Hospital of Philadelphia; The United States of America, As Represented by the Secretary, Department of Health and Human Services; The Board of Trustees of the Leland Stanford Junior University**

2021

2021100888 Nicholls Technologies Pty Ltd The name of the patentee has been altered to **Allkraft Pty Ltd**

2021200064 STRATUM, LLC The name of the applicant has been altered to **Rising Cloud LLC**

2021282387 Celularity, Inc. The name of the applicant has been altered to **Celularity Inc.**

2021903170 CSIRO IP and Investment Portfolio The name of the applicant has been altered to **Commonwealth Scientific and Industrial Research Organisation**

Applications Open to Public Inspection

Name Index

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

(71) 4C Medical Technologies, Inc.
 (11) AU-A-2021290328
 (21) 2021290328 (22) 23.12.2021
 (54) Expandable frames and paravalvular leak mitigation systems for implantable prosthetic heart valve devices
 (51) Int. Cl.
 A61F 2/24 (2006.01)
 A61F 2/82 (2013.01)
 (43) 03.02.2022
 (62) 2019218968
 (72) Chambers, Jeffrey W.; Kruse, Steven D.; Kumar, Saravana
 (74) FPA Patent Attorneys Pty Ltd

(71) Acceleron Pharma Inc.
 (11) AU-A-2021290319
 (21) 2021290319 (22) 23.12.2021
 (54) Methods for treating myelodysplastic syndromes and sideroblastic anemias
 (51) Int. Cl.
 A61K 38/18 (2006.01)
 A61K 39/395 (2006.01)
 A61P 7/06 (2006.01)
 (43) 03.02.2022
 (62) 2015358398
 (72) ATTIE, Kenneth M.; ROVALDI, Christopher Robert
 (74) Spruson & Ferguson

(71) Acceleron Pharma Inc.
 (11) AU-A-2022200078
 (21) 2022200078 (22) 07.01.2022
 (54) Use of GDF traps to increase red blood cell levels
 (51) Int. Cl.
 C07K 14/475 (2006.01)
 A61K 38/18 (2006.01)
 A61P 7/06 (2006.01)
 (43) 03.02.2022
 (62) 2019222789
 (72) SEEHRA, Jasbir; PEARSALL, Robert Scott; KUMAR, Ravindra
 (74) Pearce IP Pty Ltd

(71) Aero-Tech Pty Ltd
 (11) AU-A-2021290397
 (21) 2021290397 (22) 24.12.2021
 (54) Device for collecting debris
 (51) Int. Cl.
 E01H 1/04 (2006.01)
 A47L 11/00 (2006.01)
 E01H 15/00 (2006.01)
 (43) 03.02.2022
 (62) 2016349935
 (72) Tozer, Warwick
 (74) Davies Collison Cave Pty Ltd

(71) Agerris Pty Ltd
 (11) AU-A-2021290406
 (21) 2021290406 (22) 29.12.2021
 (54) Automatic target recognition and dispensing system
 (51) Int. Cl.
 A01B 76/00 (2006.01)
 A01C 23/00 (2006.01)
 A62C 37/08 (2006.01)
 B64C 39/02 (2006.01)
 B64D 1/02 (2006.01)
 B64D 1/16 (2006.01)
 B64D 47/08 (2006.01)
 (43) 03.02.2022
 (62) 2019246795
 (72) Sukkarieh, Salah; Calleija, Mark
 (74) FB Rice Pty Ltd

(71) Aktiebolaget Electrolux
 (11) AU-A-2022200048
 (21) 2022200048 (22) 06.01.2022
 (54) IMPROVED BARBECUE AND BARBECUE COMPONENTS
 (51) Int. Cl.
 A47J 37/06 (2006.01)
 A47J 37/07 (2006.01)
 (43) 03.02.2022
 (62) 2020202662
 (72) ERIKSON, Lars; WILLIAMSON, Craig; KING, Scott; CRAIG, Lyndon; WHITE, Greg; THOMPSON, Lyall; WILD, Greg; STEVENS, Craig
 (74) Halfords IP

(71) Align Technology, Inc.
 (11) AU-A-2022200069
 (21) 2022200069 (22) 07.01.2022
 (54) TREATMENT PLAN SPECIFIC BITE ADJUSTMENT STRUCTURES
 (51) Int. Cl.
 A61C 7/08 (2006.01)
 A61C 7/36 (2006.01)
 (43) 03.02.2022
 (62) 2020277085
 (72) Morton, John; Cheng, Jihua; Tanugula, Rohit; Li, Chunhua; Pesenti, Bastien; Choi, Jeeyoung
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Amgen Inc.
 (11) AU-A-2022200026
 (21) 2022200026 (22) 05.01.2022
 (54) Drug delivery system and method of use
 (51) Int. Cl.
 A61M 5/20 (2006.01)
 A61M 5/142 (2006.01)
 A61M 5/315 (2006.01)
 A61M 5/32 (2006.01)

(43) 03.02.2022
 (62) 2020201600
 (72) TAMTORO, Ferry; YANG, Huaying; LEE, Mark Ka Lai; YIN, Desheng; GIBSON, Scott R.; BUSBY, Donald; SHULTZ, Peter V.; KOGLER, Keith P.; WARD, Jimmie L.; FOLK, Christopher R.; MCCULLOUGH, Adam B.; BADEL, Steven William
 (74) Spruson & Ferguson

(71) Amgen Inc.; Kite Pharma, Inc.
 (11) AU-A-2022200108
 (21) 2022200108 (22) 10.01.2022
 (54) Chimeric receptors to FLT3 and methods of use thereof
 (51) Int. Cl.
 C07K 14/705 (2006.01)
 C07K 14/725 (2006.01)
 C07K 16/28 (2006.01)
 A61K 39/00 (2006.01)
 (43) 03.02.2022
 (62) 2017240801
 (72) BAKKER, Alice; WU, Lawren; ARVEDSON, Tara; WILTZIUS, Jed J.; RODRIGUEZ, Ruben Alvarez
 (74) Spruson & Ferguson

(71) AMO Development, LLC
 (11) AU-A-2021290358
 (21) 2021290358 (22) 23.12.2021
 (54) Systems and methods for synchronized three-dimensional laser incisions
 (51) Int. Cl.
 A61F 9/008 (2006.01)
 (43) 03.02.2022
 (62) 2020220116
 (72) Fu, Hong; De Guzman, Patrick; Heitel, Robert; Malek Tabrizi, Alireza
 (74) FPA Patent Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2022200022
 (21) 2022200022 (22) 04.01.2022
 (54) FRAUD DETECTION SYSTEM IN CASINO
 (51) Int. Cl.
 G07C 11/00 (2006.01)
 A47B 25/00 (2006.01)
 G06T 7/00 (2017.01)
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 (62) 2021201556
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2022200064
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- (54) A METHOD FOR ADMINISTRATING A PACKAGE OF SHUFFLED PLAYING CARDS
- (51) Int. Cl.
A63F 1/06 (2006.01)
A63F 1/18 (2006.01)
G07F 17/32 (2006.01)
 A63F 9/24 (2006.01)
- (43) 03.02.2022
 (62) 2019213318
 (72) Shigeta, Yasushi
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd
- (11) AU-A-2021205046
 (21) 2021205046 (22) 14.07.2021
 (54) An integrated heap leach process
- (51) Int. Cl.
C22B 3/04 (2006.01)
B03D 1/02 (2006.01)
- (31) 63/053,104 (32) 17.07.20 (33) US
 (43) 03.02.2022
 (72) Filmer, Anthony Owen; Alexander, Daniel John; Biley, Christopher Alan
 (74) FB Rice Pty Ltd
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- Anglo Corporate Services South Africa (Pty) Ltd see Anglo American Technical & Sustainability Services Ltd**
- (21) 2021205046
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- (71) Apple Inc.
 (11) AU-A-2021290330
 (21) 2021290330 (22) 23.12.2021
 (54) Aluminum alloys with high strength and cosmetic appeal
- (51) Int. Cl.
C22C 21/10 (2006.01)
C22F 1/053 (2006.01)
- (43) 03.02.2022
 (62) 2020201187
 (72) Misra, Abhijeet; Wright, James A.; Jou, Heng-Jeng
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Apple Inc.
 (11) AU-A-2021290334
 (21) 2021290334 (22) 23.12.2021
 (54) User interfaces for peer-to-peer transfers
- (51) Int. Cl.
H04L 51/21 (2022.01)
G06Q 20/04 (2012.01)
- (43) 03.02.2022
 (62) 2020202953
 (72) VAN OS, Marcel; ANTON, Peter D.; BROUGHTON, Lee S.; CONNOR, Teofila; CRAWFORD, Jared; DRYER, Allison; FEDERIGHI, Craig M.; HEARD, Richard W.; KING, Nicholas V.; LEMMENS, Cas; MCLACHLAN, Mischa; MELIM, Aaron; MOUILLE-SEAUX, Jean-Pierre; MOUSSETTE, Camille; PITSCHER, Donald W.;
- OLSON, Joshua G.; STEELE, Glen W.; WILSON, Christopher
- (74) FPA Patent Attorneys Pty Ltd
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- (71) Apple Inc.
 (11) AU-A-2021290340
 (21) 2021290340 (22) 23.12.2021
 (54) Application integration with a digital assistant
- (51) Int. Cl.
G06Q 99/00 (2006.01)
- (43) 03.02.2022
 (62) 2020201175
 (72) RADEBAUGH, Carey E.; NEWEN-DORP, Brandon J.; PETERSON, Corey J.; DASARI, Rohit; TRAN, Trungtin; KHOSLA, Vineet
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2021290349
 (21) 2021290349 (22) 23.12.2021
 (54) Devices, methods, and graphical user interfaces for wireless pairing with peripheral devices and displaying status information concerning the peripheral devices
- (51) Int. Cl.
H04M 1/60 (2006.01)
G06F 3/0484 (2022.01)
- (43) 03.02.2022
 (62) 2021201777
 (72) BEHZADI, Arian; STACK, Caelan G.; CHAUDHRI, Imran; COFFMAN, Patrick L.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2021290351
 (21) 2021290351 (22) 23.12.2021
 (54) Voice coil motor optical image stabilization
- (51) Int. Cl.
G02B 7/08 (2021.01)
G02B 27/64 (2006.01)
H02K 41/035 (2006.01)
- (43) 03.02.2022
 (62) 2020202594
 (72) Topliss, Richard J.; Brodie, Douglas S.; Rossetti, Anthony J.; Tsai, Richard H.; Baer, Richard L.
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Apple Inc.
 (11) AU-A-2021290380
 (21) 2021290380 (22) 24.12.2021
 (54) Event recognition
- (51) Int. Cl.
G06F 3/048 (2013.01)
G06F 3/0488 (2022.01)
G06F 9/44 (2018.01)
- (43) 03.02.2022
 (62) 2020210251
 (72) Shaffer, Joshua H.; Kocienda, Kenneth L.; Chaudhri, Imran
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Aqua View Inc.
 (11) AU-A-2021290417
 (21) 2021290417 (22) 29.12.2021
 (54) Water conserving shower system and thermochromic fixtures used therein
- (51) Int. Cl.
E03C 1/04 (2006.01)
E03C 1/02 (2006.01)
E03C 1/044 (2006.01)
- (43) 03.02.2022
 (62) 2016353812
 (72) SEARCY, Gus
 (74) Spruson & Ferguson
-
- (71) ARGO COMPUTING SERVICES PTY LTD
- (11) AU-A-2020207773
 (21) 2020207773 (22) 20.07.2020
 (54) A fully integrated centralised and individualised system for protecting humans from respiratory illnesses, caused by viruses, including testing, GPS, and temperature measuring components.
- (51) Int. Cl.
A42B 3/00 (2006.01)
A41D 13/00 (2006.01)
A41D 13/11 (2006.01)
A41D 13/12 (2006.01)
A41D 19/015 (2006.01)
A42B 3/18 (2006.01)
A42B 3/28 (2006.01)
A42B 3/30 (2006.01)
A61B 5/00 (2006.01)
A61B 5/01 (2006.01)
A61B 5/08 (2006.01)
A61B 5/11 (2006.01)
A61M 16/00 (2006.01)
A61M 16/06 (2006.01)
A61M 16/10 (2006.01)
A62B 17/00 (2006.01)
A62B 18/00 (2006.01)
G16H 50/30 (2018.01)
G16H 50/80 (2018.01)
- (43) 03.02.2022
 (72) Petukhov, Boris; Barger, Greg
 (74) ARGO COMPUTING SERVICES PTY LTD
-
- (71) Aristocrat Technologies Australia Pty Limited
- (11) AU-A-2021290339
 (21) 2021290339 (22) 23.12.2021
 (54) A GAMING SYSTEM AND METHOD OF GAMING
- (51) Int. Cl.
G07F 17/32 (2006.01)
- (43) 03.02.2022
 (62) 2019283877
 (72) BRAMBLE, Paul Francis Jason
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
- (11) AU-A-2021290343
 (21) 2021290343 (22) 23.12.2021
 (54) A GAMING SYSTEM AND METHOD OF GAMING
- (51) Int. Cl.
A63F 13/00 (2014.01)

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- (43) 03.02.2022
 (62) 2020201839
 (72) MITELMAN, BORIS
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2021290383
 (21) 2021290383 (22) 24.12.2021
 (54) A GAMING DEVICE
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 03.02.2022
 (62) 2019264589
 (72) FONG, Colin
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022200013
 (21) 2022200013 (22) 04.01.2022
 (54) SYSTEMS AND METHODS FOR PLAYING AN ELECTRONIC GAME INCLUDING MERGE AND UNMERGE OPERATIONS
 (51) Int. Cl.
A63F 13/55 (2014.01)
G07F 17/32 (2006.01)
 (43) 03.02.2022
 (62) 2019253853
 (72) HENDRICKS, Bradley John; MAS-INTER, Joseph; FINCH, Patrick; CONDRON, Casey Lyle; PENACHO, Gary; SANTUCCI, Lorin
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022200015
 (21) 2022200015 (22) 04.01.2022
 (54) GAME STATE RETENTION AND CONTINUATION AT GAMING MACHINES
 (51) Int. Cl.
A63F 13/49 (2014.01)
A63F 13/70 (2014.01)
G07F 17/32 (2006.01)
 (43) 03.02.2022
 (62) 2019261812
 (72) BRYANT, NATALIE
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022200049
 (21) 2022200049 (22) 06.01.2022
 (54) A GAMING SYSTEM
 (51) Int. Cl.
A63F 13/69 (2014.01)
A63F 13/50 (2014.01)
 (43) 03.02.2022
 (62) 2019268090
 (72) VISSER, Antoon Christiaan; RAE, Claudia
 (74) Griffith Hack
-
- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022200079
 (21) 2022200079 (22) 07.01.2022
 (54) A GAMING MACHINE AND METHOD FOR PROVIDING A FEATURE GAME
 (51) Int. Cl.
A63F 13/00 (2014.01)
 (43) 03.02.2022
 (62) 2019264644
 (72) MARKS, Daniel
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022200080
 (21) 2022200080 (22) 07.01.2022
 (54) A GAMING MACHINE
 (51) Int. Cl.
G07F 17/32 (2006.01)
 (43) 03.02.2022
 (62) 2019279993
 (72) MEYER, Jason; SANDERS, Liam; CHAN, Matthew; BATSIOKIS, Amy
 (74) Griffith Hack
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- (71) Aristocrat Technologies Australia Pty Limited
 (11) AU-A-2022200081
 (21) 2022200081 (22) 07.01.2022
 (54) GAMING DEVICE WITH MULTIPLIER METER
 (51) Int. Cl.
A63F 13/46 (2014.01)
G07F 17/34 (2006.01)
 (43) 03.02.2022
 (62) 2019275564
 (72) SATTERLIE, Eric; PRYOR, Chantrelle; Lombardo, Paul; Sanders, Liam; Meyer, Jason; Penacho, Gary; Finch, Patrick
 (74) Griffith Hack
-
- (71) Azuma Design Pty Limited
 (11) AU-A-2021290420
 (21) 2021290420 (22) 29.12.2021
 (54) A latch assembly
 (51) Int. Cl.
E05C 1/00 (2006.01)
 (43) 03.02.2022
 (62) 2016204675
 (72) Alchin, Michael Brian
 (74) LMW IP PTY LTD
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- (71) B.M.B Investments Pty Ltd
 (11) AU-A-2021290294
 (21) 2021290294 (22) 22.12.2021
 (54) A multipurpose screw
 (51) Int. Cl.
F16B 25/10 (2006.01)
F16B 25/00 (2006.01)
F16B 23/00 (2006.01)
F16B 35/06 (2006.01)
 (43) 03.02.2022
 (62) PCT/AU2021/050119
 (72) Augimeri, Matthew
 (74) FPA Patent Attorneys Pty Ltd
-
- (71) Bayer Pharma Aktiengesellschaft
 (11) AU-A-2021290341
 (21) 2021290341 (22) 23.12.2021
 (54) Antibody drug conjugates (ADCs) and antibody prodrug conjugates (APDCs) with enzymatically cleavable groups
 (51) Int. Cl.
A61K 31/4025 (2006.01)
A61K 47/65 (2017.01)
A61P 35/00 (2006.01)
 (43) 03.02.2022
 (62) 2016282723
 (72) Lerchen, Hans-Georg; Rebstock, Anne-Sophie; Cancho Grande, Yolanda; Marx, Leo; Stelte-Ludwig, Beatrix; Terjung, Carsten; Mahlert, Christoph; Greven, Simone; Sommer, Anette; Berndt, Sandra
 (74) Davies Collison Cave Pty Ltd
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- (71) Beijing Baidu Netcom Science and Technology Co., Ltd.
 (11) AU-A-2021201794
 (21) 2021201794 (22) 23.03.2021
 (54) Method and apparatus for evaluating quantum gate in superconducting circuit, device and storage
 (51) Int. Cl.
G06N 10/00 (2019.01)
B82Y 10/00 (2011.01)
 (31) 202010682400.0 (32) 15.07.20 (33) CN
 (43) 03.02.2022
 (72) Jin, Lijing; Duan, Runyao
 (74) Davies Collison Cave Pty Ltd
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- (71) Beijing Baidu Netcom Science and Technology Co., Ltd.
 (11) AU-A-2021201798
 (21) 2021201798 (22) 23.03.2021
 (54) High-fidelity superconducting circuit structure, superconducting quantum chip, and superconducting quantum computer
 (51) Int. Cl.
G06N 10/00 (2019.01)
H01L 39/22 (2006.01)
H03K 3/38 (2006.01)
H03K 19/195 (2006.01)
 (31) 202010682384.5 (32) 15.07.20 (33) CN
 (43) 03.02.2022
 (72) Jin, Lijing; Duan, Runyao
 (74) Davies Collison Cave Pty Ltd

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-
- (71) Biogen MA Inc.
 (11) AU-A-2022200002
 (21) 2022200002 (22) 03.01.2022
 (54) COMPOSITIONS FOR MODULATING SOD-1 EXPRESSION
 (51) Int. Cl.
A61K 31/713 (2006.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C07H 21/02 (2006.01)
C07H 21/04 (2006.01)
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
C12Q 1/68 (2018.01)
 (43) 03.02.2022
 (62) 2019268063
 (72) Swayze, Eric E.; Cole, Tracy; Kordasiewicz, Holly; Freier, Susan M.; Condon, Thomas P.; Wancewicz, Edward; Lockhart, Trisha; Vickers, Timothy; Singh, Priyam
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) BNSF RAILWAY COMPANY
 (11) AU-A-2021204973
 (21) 2021204973 (22) 12.07.2021
 (54) WIRELESS SLIDE FENCE SYSTEM AND METHOD
 (51) Int. Cl.
B61L 23/04 (2006.01)
 (31) 16/928,433 (32) 14.07.20 (33) US
 (43) 03.02.2022
 (72) BEARD, Mitchell Wayne; SHIH, Paul Chiyang; WEIDLE, Paul Aaron; SPECHT, Jerry Wade; SHUE, Kent Robert
 (74) Houlihan² Pty Ltd
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- (71) Boehringer Ingelheim Vetmedica GmbH
 (11) AU-A-2021290281
 (21) 2021290281 (22) 22.12.2021
 (54) INHALER
 (51) Int. Cl.
A61D 7/04 (2006.01)
A46B 11/00 (2006.01)
A61M 15/00 (2006.01)
A61M 15/08 (2006.01)
A61M 16/08 (2006.01)
A61M 16/20 (2006.01)
B05B 11/00 (2006.01)
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 (62) 2020256294
 (72) Wachtel, Herbert; Endert, Guido; Christ, Alexander; Wergen, Horst; Rahmel, Marcus Rainer
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Brogent Technologies Inc.
 (11) AU-A-2021205055
 (21) 2021205055 (22) 14.07.2021
 (54) Mapping Method for FullDome Display
 (51) Int. Cl.
G06T 3/00 (2006.01)
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- (31) 109124246 (32) 17.07.20 (33) TW
 (43) 03.02.2022
 (72) HSU, Chih-Yung; TSAI, Ting-Chieh; LEE, Tak-Hon
 (74) A.P.T. Patent and Trade Mark Attorneys
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- (71) C.R. Laurence Co., Inc.
 (11) AU-A-2021205125
 (21) 2021205125 (22) 16.07.2021
 (54) Door Rail System
 (51) Int. Cl.
E06B 3/54 (2006.01)
 (31) 16/932,643 (32) 17.07.20 (33) US
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 (43) 03.02.2022
 (72) Mourchid, Naoufel
 (74) Griffith Hack
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 (11) AU-A-2021205126
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 (51) Int. Cl.
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E04H 15/06 (2006.01)
E04H 15/64 (2006.01)
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 (21) 2021290415 (22) 29.12.2021
 (54) Closed IV access device with y-port needle-free connector
 (51) Int. Cl.
A61M 39/10 (2006.01)
A61M 39/24 (2006.01)
A61M 39/26 (2006.01)
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C02F 5/02 (2006.01)
C02F 1/66 (2006.01)
C02F 1/68 (2006.01)
C02F 101/10 (2006.01)
C02F 103/10 (2006.01)
C02F 103/36 (2006.01)
 (31) 63/054,010 (32) 20.07.20 (33) US
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A61K 33/242 (2019.01)
A61K 9/00 (2006.01)
A61K 9/51 (2006.01)
A61K 31/245 (2006.01)
A61P 31/14 (2006.01)
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A46B 15/00 (2006.01)
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 (54) Blockout Blind System
 (51) Int. Cl.
E06B 9/42 (2006.01)
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A01C 7/10 (2006.01)
A01C 15/04 (2006.01)
B65G 53/08 (2006.01)
F16K 11/07 (2006.01)
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F03B 17/06 (2006.01)
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A61B 5/1486 (2006.01)
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 combination of adaptively selectable
 left/right or mid/side stereo coding and
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E05B 9/08 (2006.01)
E05C 21/00 (2006.01)
E06B 5/16 (2006.01)
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 (43) 03.02.2022
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 OF THE LIVER OF A SUBJECT
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A61B 5/151 (2006.01)
A61B 5/157 (2006.01)
A61B 8/08 (2006.01)
A61B 90/00 (2016.01)
C12Q 1/52 (2006.01)
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 Richard K.
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 and/or sultaine surfactants with a binder
 and optional carrier
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C11D 1/75 (2006.01)
C11D 1/83 (2006.01)
C11D 1/90 (2006.01)
C11D 1/92 (2006.01)
C11D 1/94 (2006.01)
C11D 3/04 (2006.01)
C11D 3/10 (2006.01)
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C11D 3/22 (2006.01)
C11D 3/32 (2006.01)
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C11D 3/37 (2006.01)
C11D 3/38 (2006.01)
C11D 11/00 (2006.01)
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A01K 13/00 (2006.01)
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 schule Zurich
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A61P 35/00 (2006.01)

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 (54) Stable liquid gonadotropin formulation
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 A61K 9/00 (2006.01)
 A61K 9/08 (2006.01)
 A61K 47/18 (2017.01)
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 (54) Systems and methods for creating and managing virtual channels
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 G06F 16/48 (2019.01)
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 H04N 7/173 (2011.01)
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(71) FJ Dynamics Co., Ltd.
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 (21) 2021205011 (22) 13.07.2021
 (54) PROTECTIVE DEVICE AND PROTECTIVE METHOD FOR ELECTRONIC PRODUCTS AND ELECTRONIC DEVICE FOR AGRICULTURAL MACHINERY
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 H05K 5/03 (2006.01)
 A01B 71/08 (2006.01)
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 (11) AU-A-2022200043
 (21) 2022200043 (22) 06.01.2022
 (54) Floor panel for forming a floor covering
 (51) Int. Cl.
 E04F 15/10 (2006.01)
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 (62) 2016381397
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 (21) 2021205122 (22) 16.07.2021
 (54) Lifting Apparatus
 (51) Int. Cl.
 B61G 7/10 (2006.01)
 B61G 3/06 (2006.01)
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 (54) Compressor
 (51) Int. Cl.
 F01C 21/08 (2006.01)
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 (72) WALTON, John; NELSON, Phil; PITTS, Jeremy
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 (21) 2021290361 (22) 23.12.2021
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 G10L 19/008 (2013.01)
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 (54) A REMOTE CONTROL HANDLE ASSEMBLY
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 B60Q 1/24 (2006.01)
 F21L 4/04 (2006.01)
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 (21) 2021290386 (22) 24.12.2021
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 (21) 2022200109 (22) 10.01.2022
 (54) Therapeutic and diagnostic methods for cancer
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 A61K 39/395 (2006.01)
 C12Q 1/68 (2018.01)
 G01N 33/574 (2006.01)
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 (54) Compositions and methods for isolating target nucleic acids
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 C12Q 1/68 (2018.01)
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 (54) Headset communication system
 (51) Int. Cl.
G10K 11/00 (2006.01)
G10K 11/178 (2006.01)
H03F 3/00 (2006.01)
H03F 3/14 (2006.01)
H03F 3/72 (2006.01)
H03G 1/00 (2006.01)
H03G 3/34 (2006.01)
H04R 1/10 (2006.01)
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 BECK, Jason A.; BOURQUE, Stephen;
 POLITO, Theodore A.; CHALOUX, Jac-
 ob
 (74) Spruson & Ferguson

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 (11) AU-A-2021204765
 (21) 2021204765 (22) 07.07.2021
 (54) SWITCH ASSEMBLY, CONTROL
 METHOD OF SWITCH ASSEMBLY
 AND POWER TOOL
 (51) Int. Cl.
H01H 13/52 (2006.01)
B25F 5/00 (2006.01)
H01H 9/20 (2006.01)
H01H 13/08 (2006.01)
H01H 21/06 (2006.01)
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 (21) 2021204990 (22) 12.07.2021
 (54) STARTING CIRCUIT OF SWITCHING
 POWER SUPPLY
 (51) Int. Cl.
H02M 1/36 (2007.01)
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(71) Grand Performance Online Pty Ltd
 (11) AU-A-2022200063
 (21) 2022200063 (22) 06.01.2022
 (54) Autonomous and integrated system,
 method and computer program for dy-
 namic optimisation and allocation of re-
 sources for defined spaces and time
 periods
 (51) Int. Cl.
G06Q 50/12 (2012.01)
G06Q 10/02 (2012.01)
G06Q 10/04 (2012.01)
G06Q 10/08 (2012.01)
 (43) 03.02.2022
 (62) 2018360617
 (72) PETROULAS, Peter
 (74) Spruson & Ferguson

(71) Grand Performance Online Pty Ltd
 (11) AU-A-2022200093
 (21) 2022200093 (22) 07.01.2022
 (54) An autonomous, integrated com-
 puter-enabled method, system, and
 computer program utilising an artificial
 intelligence engine for dynamic alloc-
 ation and optimisation of space, fur-
 niture, equipment and/or services
 (51) Int. Cl.
G06Q 10/02 (2012.01)
G06Q 10/04 (2012.01)
G06Q 10/06 (2012.01)
G06Q 30/02 (2012.01)
G06Q 50/12 (2012.01)
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 (72) PETROULAS, Peter
 (74) Spruson & Ferguson

(71) Heraeus Medical GmbH
 (11) AU-A-2021203823
 (21) 2021203823 (22) 10.06.2021
 (54) Device and method for producing
 spacers
 (51) Int. Cl.
B29C 39/10 (2006.01)
A61F 2/32 (2006.01)
A61F 2/38 (2006.01)
A61F 2/40 (2006.01)
B29C 39/24 (2006.01)
B29C 39/26 (2006.01)
 (31) 20186551.6 (32) 17.07.20 (33) EP
 (43) 03.02.2022
 (72) VOGT, Sebastian; KLUGE, Thomas
 (74) Spruson & Ferguson

(71) Hollister Incorporated
 (11) AU-A-2021290310
 (21) 2021290310 (22) 12.07.2021
 (54) Resistance sensor for identifying leak
 locations in ostomy system
 (51) Int. Cl.
A61F 5/44 (2006.01)
 (31) 63/052.132 (32) 15.07.20 (33) US
 (43) 03.02.2022
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 E.; MATTHEWS, Kyle A.
 (74) Phillips Ormonde Fitzpatrick

(71) Hollister Incorporated
 (11) AU-A-2022200018
 (21) 2022200018 (22) 04.01.2022
 (54) Medical device package with flip cap
 having a snap fit
 (51) Int. Cl.
A61M 25/00 (2006.01)
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 (62) 2017254716
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 Daniel E.; NAUGHTON, Vincent;
 HANLEY, Joseph N.; KNAUZ, David
 A.; CREAVEN, Martin P.; COLLUM,
 Stephen; LEE, Jeanne E.; DUFFY,
 Siobhan; RICHARD, Marine Veronique
 Germaine; CANAVAN, Eugene; PU-

PINO, Scott J.; MCFADDEN, Kieran J.;
 O'GRADY, Claire; MARCH, Daniel A.
 (74) Spruson & Ferguson

(71) Hoyt Medical LLC
 (11) AU-A-2021250983
 (21) 2021250983 (22) 15.10.2021
 (54) SYSTEMS AND METHODS FOR
 TREATING AN AIRWAY
 (51) Int. Cl.
A61M 16/04 (2006.01)
A61M 39/12 (2006.01)
A61M 16/06 (2006.01)
A61M 16/08 (2006.01)
A61M 39/00 (2006.01)
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 (43) 03.02.2022
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 neys Pty Ltd

(71) Huawei Technologies Co., Ltd.
 (11) AU-A-2022200023
 (21) 2022200023 (22) 05.01.2022
 (54) METHOD AND TERMINAL FOR SUP-
 PORTING VOICE SERVICE AND
 DATA SERVICE SIMULTANEOUSLY
 (51) Int. Cl.
H04W 36/14 (2009.01)
 (43) 03.02.2022
 (62) 2017435229
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 (74) Phillips Ormonde Fitzpatrick

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 (54) An insulation spacer assembly
 (51) Int. Cl.
E04D 13/16 (2006.01)
 (43) 03.02.2022
 (62) 2020203268
 (72) HURST, Mario
 (74) Spruson & Ferguson

(71) IDS Georadar S.r.l.
 (11) AU-A-2021204981
 (21) 2021204981 (22) 12.07.2021
 (54) Method and apparatus for blurring ef-
 fect mitigation in ground-based radar
 images
 (51) Int. Cl.
G01S 13/90 (2006.01)
G01S 7/285 (2006.01)
 (31) 10202000017329 (32) 16.07.20 (33) IT
 (43) 03.02.2022
 (72) MICHELINI, Alberto
 (74) Spruson & Ferguson

(71) Illinois Tool Works Inc.
 (11) AU-A-2021204439
 (21) 2021204439 (22) 29.06.2021
 (54) Battery and battery charger
 (51) Int. Cl.
H02J 7/04 (2006.01)

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21176524.3 28.05.21 EP
(43) 03.02.2022
(72) Grandjean, Pascale; Cartier, M d ric
(74) Davies Collison Cave Pty Ltd

(71) IMASCAP SAS
(11) AU-A-2021290367
(21) 2021290367 (22) 24.12.2021
(54) Pre-operatively planned humeral im-
plant and planning method
(51) Int. Cl.
A61F 2/40 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)
B29C 67/00 (2017.01)

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H04W 40/10 (2009.01)
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C07K 14/46 (2006.01)
A61K 38/12 (2006.01)
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B01J 19/08 (2006.01)
C01B 3/04 (2006.01)
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H05H 1/46 (2006.01)
H05H 1/48 (2006.01)

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E04H 17/26 (2006.01)
B60P 3/035 (2006.01)
B65H 16/02 (2006.01)
B66C 23/02 (2006.01)
B60R 9/02 (2006.01)
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A61F 2/16 (2006.01)
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 G06K 9/00 (2022.01)

A61B 3/11 (2006.01)
A61B 3/14 (2006.01)
A61B 5/1171 (2016.01)
G02B 27/01 (2006.01)
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 G02B 27/01 (2006.01)
 G06F 3/01 (2006.01)
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 G02F 1/295 (2006.01)
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 G03B 21/00 (2006.01)
 H04J 14/00 (2006.01)
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 A61B 5/00 (2006.01)
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 A61M 16/00 (2006.01)
 A61M 16/10 (2006.01)
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 (54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES
 (51) Int. Cl.
 B01D 61/00 (2006.01)
 C01D 15/00 (2006.01)
 C01D 15/02 (2006.01)
 C01D 15/06 (2006.01)
 C01D 15/08 (2006.01)
 C25B 1/04 (2021.01)
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 (54) LI RECOVERY PROCESSES AND ONSITE CHEMICAL PRODUCTION FOR LI RECOVERY PROCESSES
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 B01D 61/00 (2006.01)
 C01D 15/00 (2006.01)
 C01D 15/02 (2006.01)
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 B01D 61/00 (2006.01)
 C01D 15/00 (2006.01)
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 (54) PORTABLE AND MODULAR TRANSPORTATION UNIT WITH IMPROVED TRANSPORT CAPABILITIES
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 A61M 1/10 (2006.01)
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 (54) Binding machine
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 E04G 21/12 (2006.01)
 B21F 7/00 (2006.01)
 B21F 15/04 (2006.01)
 B25B 25/00 (2006.01)
 B65B 13/28 (2006.01)
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 (54) METHOD OF TREATING INFLUENZA A
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 A61K 39/145 (2006.01)
 A61P 31/16 (2006.01)
 C07K 14/11 (2006.01)
 C07K 16/08 (2006.01)
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 C12N 15/44 (2006.01)

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 (54) IMPROVED URICASE SEQUENCES AND METHODS OF TREATMENT
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 A61K 38/43 (2006.01)
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 A61P 19/06 (2006.01)
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 (54) Implant and method for long bone fixation
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 C07K 14/725 (2006.01)
 C12N 5/10 (2006.01)
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 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/00 (2006.01)
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 F24F 11/75 (2018.01)
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 (54) Genes and gene signatures for diagnosis and treatment of melanoma
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 C12Q 1/68 (2018.01)
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 H04L 65/60 (2022.01)
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 (51) Int. Cl.
A61M 11/04 (2006.01)
A24F 47/00 (2020.01)
A61M 15/06 (2006.01)
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 (54) Vaping heat map system and method for electronic vapour provision systems
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A24F 47/00 (2020.01)
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 (72) BAKER, Darryl; OLDBURY, Ross
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 (54) Improved productivity and bioproduct formation in phototropin knock/out mutants in microalgae
 (51) Int. Cl.
C12N 1/12 (2006.01)
C12N 1/13 (2006.01)
C12N 15/63 (2006.01)
C12P 7/64 (2022.01)
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(71) Nolan, M.
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A01K 85/08 (2006.01)
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 (74) Dianne Kay Nolan

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 (54) ATOMIC MAGNETOMETER SYSTEM
 (51) Int. Cl.
G01R 33/02 (2006.01)
 (31) 16/928,609 (32) 14.07.20 (33) US
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 (72) WALKER, Thad G.; Bulatowicz, Michael D.
 (74) James & Wells Intellectual Property

(71) NTT DOCOMO, INC.
 (11) AU-A-2021290404
 (21) 2021290404 (22) 29.12.2021
 (54) Audio signal processing device, audio signal processing method, and audio signal processing program
 (51) Int. Cl.
G10L 19/005 (2013.01)
G10L 19/00 (2013.01)
H04L 1/00 (2006.01)
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 (54) Vapor ablation systems and methods
 (51) Int. Cl.
A61B 18/04 (2006.01)
A61F 7/12 (2006.01)
A61M 37/00 (2006.01)
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E02F 3/96 (2006.01)
E02F 3/36 (2006.01)
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 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

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G16H 10/60 (2018.01)
G16H 50/20 (2018.01)
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 (54) METHOD FOR MEASURING AND MANAGING RED BLOOD CELL OMEGA-3 FATTY ACID DOCOSA-HEXAENOIC ACID LEVEL IN HUMAN FEMALES TO SUPPORT A TERM PREGNANCY AND REDUCE RISK OF SPONTANEOUS PRETERM BIRTH
 (51) Int. Cl.
G01N 33/92 (2006.01)
G01N 33/49 (2006.01)
G01N 33/80 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd

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A61C 8/00 (2006.01)
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A61K 31/437 (2006.01)
A61P 25/00 (2006.01)
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 (72) DURING, Matthew
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G01R 19/155 (2006.01)
G01R 31/327 (2006.01)
H02J 13/00 (2006.01)
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A61F 2/16 (2006.01)

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E05B 65/52 (2006.01)
B25H 5/00 (2006.01)
E05B 17/22 (2006.01)
E05B 49/02 (2006.01)
E05B 49/04 (2006.01)
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B60J 1/10 (2006.01)
B63B 19/00 (2006.01)
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A01B 49/06 (2006.01)

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A01B 79/00 (2006.01)
A01C 5/06 (2006.01)
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G01N 33/48 (2006.01)
G01N 30/02 (2006.01)
G01N 30/72 (2006.01)
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H04W 74/08 (2009.01)
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C12Q 1/68 (2018.01)
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G01N 33/543 (2006.01)
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G07C 5/08 (2006.01)
G07C 9/00 (2020.01)
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E04C 2/24 (2006.01)
B29C 45/00 (2006.01)
B29C 45/14 (2006.01)
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B29C 48/00 (2019.01)
B32B 1/00 (2006.01)
B32B 3/06 (2006.01)
B32B 3/08 (2006.01)
B32B 3/18 (2006.01)
B32B 3/30 (2006.01)
B32B 5/18 (2006.01)
B32B 15/04 (2006.01)
B32B 15/085 (2006.01)
B32B 15/18 (2006.01)
B32B 27/06 (2006.01)
B32B 27/32 (2006.01)
B32B 27/40 (2006.01)
E04B 1/14 (2006.01)
E04B 1/19 (2006.01)
E04B 1/24 (2006.01)
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E04B 1/343 (2006.01)
E04B 1/348 (2006.01)
E04B 1/61 (2006.01)
E04B 1/74 (2006.01)
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E04B 5/02 (2006.01)

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B68G 1/00 (2006.01)
A47C 27/08 (2006.01)
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A61M 1/02 (2006.01)
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(51) Int. Cl.
A61K 31/235 (2006.01)
A61K 9/00 (2006.01)
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A61P 3/10 (2006.01)
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C07J 43/00 (2006.01)
A61K 31/57 (2006.01)
A61K 31/58 (2006.01)

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A01H 6/54 (2018.01)
A01H 1/04 (2006.01)
A01H 17/00 (2006.01)
C12Q 1/6895 (2018.01)
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A61B 6/00 (2006.01)
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(51) Int. Cl.
A47B 77/18 (2006.01)
A47B 81/00 (2006.01)
A47B 88/00 (2017.01)
A47B 88/40 (2017.01)
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(51) Int. Cl.
A61K 31/704 (2006.01)
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A61K 39/395 (2006.01)
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B25D 1/12 (2006.01)
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(54) Microneedle array assembly and fluid delivery apparatus having such an assembly
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A61K 9/00 (2006.01)
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A61K 47/56 (2017.01)
A61P 31/14 (2006.01)
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(54) VIRTUAL COLLECTION METHOD FOR DISTRIBUTED PHOTOVOLTAIC DATA
(51) Int. Cl.
G06Q 50/06 (2012.01)
G06N 3/08 (2006.01)
G06N 7/00 (2006.01)
H02J 3/38 (2006.01)
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(54) MARINE POWER GENERATION SYSTEM
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F03B 13/10 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 37/06 (2006.01)
G01N 33/53 (2006.01)
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(54) Methods of stratifying patients for treatment with retinoic acid receptor-alpha agonists
(51) Int. Cl.
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A61P 35/00 (2006.01)
C12Q 1/68 (2018.01)
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(51) Int. Cl.
G01N 33/48 (2006.01)
C12Q 1/56 (2006.01)
G01N 33/50 (2006.01)
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(54) Powered sprayer
(51) Int. Cl.
B05B 1/16 (2006.01)
(31) 63/051,661 **(32)** 14.07.20 **(33)** US
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(54) MATERIAL WASHING SYSTEM AND APPARATUS
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B07B 1/46 (2006.01)
B03B 5/34 (2006.01)
B07B 1/40 (2006.01)
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- (71)** The Chinese University of Hong Kong
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C12Q 1/68 (2018.01)
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(51) Int. Cl.
G06Q 40/08 (2012.01)
G06Q 50/00 (2012.01)
G06Q 50/02 (2012.01)
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- (71)** The Hillman Group, Inc.
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(21) 2021290381 **(22)** 24.12.2021
(54) System for identifying and duplicating master keys
(51) Int. Cl.
B23Q 35/00 (2006.01)
B23C 3/35 (2006.01)
G01B 5/00 (2006.01)
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(54) Compositions and methods for T cell delivery of therapeutic molecules
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 39/395 (2006.01)
C12N 5/00 (2006.01)
C12N 15/00 (2006.01)
C12P 19/34 (2006.01)
C12P 21/08 (2006.01)
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C07K 14/00 (2006.01)
A61K 38/00 (2006.01)
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C07H 21/04 (2006.01)
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 (21) 2021205108

(71) Total Uniform Solutions Pty Ltd; Field Orthopaedics Pty Ltd
 (11) AU-A-2021209302
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 (54) FACE MASK
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A41D 13/11 (2006.01)
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 (54) MESSENGER RNA THERAPY FOR TREATMENT OF ARTICULAR DISEASE
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A61K 48/00 (2006.01)
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A61K 35/76 (2015.01)
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 (54) A method for improving the mean dry shoot weight, mean dry grain weight, and suppressing seed-borne infection in a cereal crop
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A01H 5/10 (2018.01)
A01C 1/06 (2006.01)
A01C 1/08 (2006.01)
C12N 15/82 (2006.01)
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 (74) MOSAIC IP

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 (54) Programmable logic controller-based system and user interface for air sampling in controlled environments
 (51) Int. Cl.
F24F 11/50 (2018.01)
G01N 33/00 (2006.01)
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 (62) 2020202115
 (72) KOCHER, Nathan G.
 (74) Cotters Patent & Trade Mark Attorneys

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 (54) Gas Meter and Associated Methods
 (51) Int. Cl.
G01F 1/684 (2006.01)
E21B 47/10 (2012.01)
G01F 15/00 (2006.01)
G01F 15/04 (2006.01)
G01N 21/3504 (2014.01)
 (43) 03.02.2022
 (62) 2017376976
 (72) LAYHER, Robert Wayne; LAYHER, Deanne Rose; LAYHER, Scott Robert
 (74) Catalyst Intellectual Property

(71) ViaCyte, Inc.
 (11) AU-A-2022200075
 (21) 2022200075 (22) 07.01.2022
 (54) CELL COMPOSITIONS DERIVED FROM DEDIFFERENTIATED REPROGRAMMED CELLS
 (51) Int. Cl.
C12N 5/00 (2006.01)
C12N 5/071 (2010.01)
 (43) 03.02.2022
 (62) 2019201314
 (72) Agulnick, Alan D.; Kelly, Olivia; Oh, Yuki; Robins, Allan J.; Schulz, Thomas
 (74) RnB IP Pty Ltd

(71) VIDEO GAMING TECHNOLOGIES, INC.
 (11) AU-A-2022200047
 (21) 2022200047 (22) 06.01.2022
 (54) Lock Zone
 (51) Int. Cl.
A63F 13/50 (2014.01)
A63F 13/00 (2014.01)
A63F 13/45 (2014.01)
G07F 17/32 (2006.01)
 (43) 03.02.2022
 (62) 2019268106
 (72) LUDWICK, John Victor
 (74) Griffith Hack

(71) Visual Defence Inc.
 (11) AU-A-2021205006
 (21) 2021205006 (22) 13.07.2021
 (54) A SYSTEM AND METHOD FOR DETECTING AND TRANSMITTING INCIDENTS OF INTEREST OF A ROADWAY TO A REMOTE SERVER
 (51) Int. Cl.
G06K 9/00 (2022.01)
G01S 5/00 (2006.01)
G06Q 50/08 (2012.01)
G06T 7/00 (2017.01)
G08C 17/02 (2006.01)
H04N 7/18 (2006.01)
H04W 4/44 (2018.01)
 (31) 16/930,070 (32) 15.07.20 (33) US
 (43) 03.02.2022
 (72) TAL, Royi; BAKONYI, Thomas; WANG, Ximing; ARTMAN, Omri; IBANA, Rendenthor; CURRY, David; KANDASAMY, Suthakaran
 (74) AJ PARK

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2021290335
 (21) 2021290335 (22) 23.12.2021
 (54) Valved conduit
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 03.02.2022
 (62) 2020204617
 (72) ARMSTRONG, Joseph R; BENNETT, Nathan L; COLAVITO, Kyle W; FIELD, Edwin W
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2022200146
 (21) 2022200146 (22) 11.01.2022
 (54) Stomach lining funnel with anastomosis
 (51) Int. Cl.
A61B 17/11 (2006.01)
 (43) 03.02.2022
 (62) 2017422655
 (72) ZHANG, Ji; ESKAROS, Sherif A.; MOONEY, Nathan K.
 (74) Griffith Hack

(71) W. L. Gore & Associates, Inc.
 (11) AU-A-2022200147
 (21) 2022200147 (22) 11.01.2022
 (54) Valved conduit

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- (51) Int. Cl.
A61F 2/24 (2006.01)
- (43) 03.02.2022
(62) 2018362080
(72) COLAVITO, Kyle W.; FIELD, Edwin W.; BURNS-HEFFNER, Colin T.
(74) Griffith Hack
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- (71) Waymo LLC
(11) AU-A-2022200001
(21) 2022200001 (22) 03.01.2022
(54) CONTEXT AWARE STOPPING FOR AUTONOMOUS VEHICLES
- (51) Int. Cl.
G05D 1/02 (2020.01)
- (43) 03.02.2022
(62) 2020277089
(72) DYER, John Wesley; TORRES, Luis; EPSTEIN, Michael; DUPRE, Guillaume; HERBACH, Joshua Seth
(74) RnB IP Pty Ltd
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- (71) Waymo LLC
(11) AU-A-2022200105
(21) 2022200105 (22) 10.01.2022
(54) VEHICLE WITH MULTIPLE LIGHT DETECTION AND RANGING DEVICES (LIDARS)
- (51) Int. Cl.
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G05D 1/02 (2020.01)
- (43) 03.02.2022
(62) 2021200407
(72) GRUVER, Daniel; DROZ, Pierre-Yves; PENNECOT, Gaetan; LEVANDOWSKI, Anthony; ULRICH, Drew Eugene; MORRISS, Zachary; WACHTER, Luke; IORDACHE, Dorel Ionut; PARDHAN, Rahim; McCANN, William; FIDRIC, Bernard; LENIUS, Samuel William
(74) RnB IP Pty Ltd
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- (71) Wright Medical Technology, Inc.
(11) AU-A-2021290407
(21) 2021290407 (22) 29.12.2021
(54) Anterior ankle approach system and method
- (51) Int. Cl.
A61F 2/46 (2006.01)
A61B 17/16 (2006.01)
A61B 17/88 (2006.01)
A61B 17/92 (2006.01)
A61F 2/42 (2006.01)
- (43) 03.02.2022
(62) 2017422380
(72) LUNA, Ramon; KUBACKI, Meghan; STROHKIRCH, Terrance W.
(74) Spruson & Ferguson
-
- (71) Wuxi Institute of Technology
(11) AU-A-2020427917
(21) 2020427917 (22) 28.12.2020
(54) Multi-cavity half core box mechanism and method thereof for manufacturing sand core
- (51) Int. Cl.
- B22D 15/00** (2006.01)
- (31) 2020106974031 (32) 20.07.20 (33) CN
(43) 03.02.2022
(72) CHEN, Yuping; WANG, Jianrong
(74) Madderns Pty Ltd
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- (71) Yodlee, Inc.
(11) AU-A-2021290403
(21) 2021290403 (22) 29.12.2021
(54) Mobile application based account aggregation
- (51) Int. Cl.
G06F 15/163 (2006.01)
- (43) 03.02.2022
(62) 2016322503
(72) KUMAR, Kirti; NAGARAJ, Vinay
(74) Spruson & Ferguson
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- (71) ZHEJIANG JINKO SOLAR CO., LTD.; JINKO SOLAR CO., LTD.
(11) AU-A-2022200098
(21) 2022200098 (22) 10.01.2022
(54) PHOTOVOLTAIC CELL, METHOD FOR MANUFACTURING SAME, AND PHOTOVOLTAIC MODULE
- (51) Int. Cl.
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H01L 31/048 (2014.01)
- (43) 03.02.2022
(62) 2021206850
(72) LI, Ruifeng; QIU, Yankai; ZHANG, Ning; LI, Bin
(74) AJ Pietras IP Limited

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

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A42B 3/04 (2006.01)

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A61B 5/097 (2006.01)

A61B 5/18 (2006.01)

B60Q 1/26 (2006.01)

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E02D 17/00 (2006.01)
E02D 17/20 (2006.01)
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C12N 15/00 (2006.01)
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A01N 43/653 (2006.01)
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A61L 2/14 (2006.01)
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A61K 31/4402 (2006.01)
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F16F 15/315 (2006.01)
F16J 15/40 (2006.01)
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B60P 3/20 (2006.01)
B62D 33/04 (2006.01)
F25B 5/02 (2006.01)
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F25B 25/00 (2006.01)
F25B 49/02 (2006.01)
F25D 11/00 (2006.01)
F25D 11/02 (2006.01)
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B01D 29/90 (2006.01)
B01D 45/12 (2006.01)
B04C 3/06 (2006.01)
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C07K 16/28 (2006.01)
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C12N 15/113 (2010.01)
A61K 39/00 (2006.01)
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F25B 1/00 (2006.01)
F24F 7/06 (2006.01)
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C07D 311/80 (2006.01)
A61K 36/185 (2006.01)
C07C 211/10 (2006.01)
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(51) Int. Cl.
C07C 65/19 (2006.01)
A23L 33/105 (2016.01)
A61K 31/192 (2006.01)
A61K 36/185 (2006.01)
B01D 11/02 (2006.01)
C07C 51/43 (2006.01)
C07C 51/50 (2006.01)
C07C 211/10 (2006.01)
C07C 211/62 (2006.01)
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C07D 295/037 (2006.01)
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A61K 36/484 (2006.01)
A23L 33/105 (2016.01)
A61K 31/12 (2006.01)
A61K 31/353 (2006.01)
A61P 21/00 (2006.01)
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C10M 105/04 (2006.01)
H01B 3/22 (2006.01)
H01M 10/613 (2014.01)
C10N 20/00 (2006.01)
C10N 30/00 (2006.01)
C10N 30/08 (2006.01)
C10N 40/14 (2006.01)
C10N 40/16 (2006.01)
C10N 70/00 (2006.01)
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H04L 67/00 (2022.01)
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B07B 1/28 (2006.01)
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B28B 1/30 (2006.01)
B65G 45/18 (2006.01)
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C25D 3/54 (2006.01)
C22B 26/20 (2006.01)
C22B 60/02 (2006.01)
G21G 1/10 (2006.01)
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A61K 33/244 (2019.01)
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B65D 33/06 (2006.01)
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F25B 15/04 (2006.01)
F24F 5/00 (2006.01)
F25D 31/00 (2006.01)
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E04H 12/22 (2006.01)
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C12N 15/85 (2006.01)
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(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/20 (2006.01)
A61K 31/7048 (2006.01)
A61K 38/26 (2006.01)
A61K 47/12 (2006.01)
A61K 47/18 (2017.01)
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(54) Solid compositions comprising an EGF(A) derivative and a salt of N-(8-(2-hydroxybenzoyl)amino)caprylic acid
(51) Int. Cl.
A61K 9/20 (2006.01)
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A61P 3/06 (2006.01)
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(54) Method of dough relaxation involving endopeptidases
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A21D 2/26 (2006.01)
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B01F 33/00 (2022.01)
B01J 2/00 (2006.01)
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C07K 16/28 (2006.01)
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B01D 69/02 (2006.01)
B23K 26/38 (2014.01)
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C07C 315/02 (2006.01)
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C07D 209/48 (2006.01)
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 (54) Removal of materials from water
 (51) Int. Cl.
B01D 61/00 (2006.01)
B01D 61/08 (2006.01)
B01D 61/18 (2006.01)
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 (51) Int. Cl.
C02F 1/463 (2006.01)
C02F 1/46 (2006.01)
C02F 1/461 (2006.01)
C02F 1/465 (2006.01)
C02F 1/48 (2006.01)
C02F 1/52 (2006.01)
C02F 1/66 (2006.01)
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G02B 23/12 (2006.01)
G01C 19/00 (2013.01)
G02B 27/01 (2006.01)
H04N 5/225 (2006.01)
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A01K 67/033 (2006.01)
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A23K 30/00 (2016.01)
A23K 50/90 (2016.01)
A61L 2/04 (2006.01)
B09B 3/00 (2006.01)
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F16L 3/26 (2006.01)
E04B 1/98 (2006.01)
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G01N 1/40 (2006.01)
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G01N 35/04 (2006.01)
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G01B 11/24 (2006.01)
F27D 21/00 (2006.01)
F27D 21/02 (2006.01)
G01B 11/02 (2006.01)
G01B 11/06 (2006.01)
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A61B 5/1455 (2006.01)
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(51) Int. Cl.

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C07K 7/56 (2006.01)
A61P 1/00 (2006.01)
C07K 7/00 (2006.01)
C07K 7/02 (2006.01)
C07K 7/08 (2006.01)
C07K 14/54 (2006.01)
C12N 15/11 (2006.01)
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(51) Int. Cl.
C05F 1/00 (2006.01)
C05F 5/00 (2006.01)
C05F 9/04 (2006.01)
C05F 11/00 (2006.01)
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A01K 67/033 (2006.01)
B65D 85/50 (2006.01)
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A61P 11/00 (2006.01)
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G02B 5/28 (2006.01)
G01N 21/43 (2006.01)
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H01Q 9/04 (2006.01)
H01Q 1/52 (2006.01)
H01Q 21/06 (2006.01)
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H01L 29/812 (2006.01)
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H01L 27/06 (2006.01)

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H01L 29/778 (2006.01)
H01L 21/338 (2006.01)
H01L 29/40 (2006.01)
H01L 29/20 (2006.01)
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A23L 2/46 (2006.01)
A23L 3/00 (2006.01)
A23L 3/02 (2006.01)
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A23L 3/358 (2006.01)
C02F 1/00 (2006.01)
C02F 1/44 (2006.01)
C02F 1/50 (2006.01)
C02F 1/76 (2006.01)
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C12H 1/00 (2006.01)
C02F 103/02 (2006.01)
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A61B 6/03 (2006.01)
A61B 5/00 (2006.01)
A61N 5/10 (2006.01)
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G01N 33/68 (2006.01)
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C07K 1/36 (2006.01)
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F16L 37/092 (2006.01)
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G02B 6/44 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(54) Junction for fiber optic cable ducts
(51) Int. Cl.
G02B 6/52 (2006.01)
F16L 33/32 (2006.01)
F16L 37/092 (2006.01)
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G02B 6/52 (2006.01)
F16L 33/32 (2006.01)
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A61K 39/02 (2006.01)
A61P 31/04 (2006.01)
C07K 14/29 (2006.01)
C07K 16/12 (2006.01)
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- (71)** Research Institute at Nationwide Children's Hospital
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(54) Antibody compositions for disrupting biofilms
(51) Int. Cl.
C07K 16/12 (2006.01)
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(74) HENRY HUGHES IP LTD
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(54) Cannabis proficiency testing material
(51) Int. Cl.
A01H 6/28 (2018.01)
A24B 15/18 (2006.01)
C12Q 1/04 (2006.01)
C12Q 1/22 (2006.01)
G01N 33/00 (2006.01)
G01N 33/02 (2006.01)
G01N 33/15 (2006.01)

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 (54) Methods and apparatus for respiratory therapy
 (51) Int. Cl.
 A61M 16/00 (2006.01)
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 (54) Methods and compositions for improving outcomes of cancer patients
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 A61K 31/185 (2006.01)
 A61K 31/19 (2006.01)
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B32B 7/025 (2019.01)
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A01K 63/04 (2006.01)
C02F 1/28 (2006.01)
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A01K 63/04 (2006.01)
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C02F 1/28 (2006.01)
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A61K 31/35 (2006.01)
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B33Y 40/00 (2020.01)
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A61P 35/02 (2006.01)
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C07C 13/263 (2006.01)
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A61P 37/00 (2006.01)
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G01N 33/00 (2006.01)
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C07K 14/475 (2006.01)
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F16G 11/04 (2006.01)
B64D 1/22 (2006.01)
B66D 1/28 (2006.01)
G01S 7/521 (2006.01)
G10K 11/00 (2006.01)
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G10K 11/00 (2006.01)
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F16G 11/10 (2006.01)
B64D 1/22 (2006.01)
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B01J 12/00 (2006.01)
C05C 9/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 209/42 (2006.01)
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C07C 229/26 (2006.01)
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G01N 33/50 (2006.01)
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F25B 9/00 (2006.01)
A23L 3/36 (2006.01)
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E21B 41/00 (2006.01)
E21B 43/017 (2006.01)
F16L 1/26 (2006.01)
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E21B 17/18 (2006.01)
F16L 39/00 (2006.01)
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(74) Patent Attorney Services

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A61F 9/02 (2006.01)
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A61K 31/27 (2006.01)
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A61P 27/02 (2006.01)
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B01F 35/00 (2022.01)
A47J 43/00 (2006.01)
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A61F 13/00 (2006.01)
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 (51) Int. Cl.
A61B 17/04 (2006.01)
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A61L 17/00 (2006.01)
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G06K 9/62 (2006.01)
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B32B 5/02 (2006.01)
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B32B 7/14 (2006.01)
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D06M 11/83 (2006.01)
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A61K 31/444 (2006.01)
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C07D 471/04 (2006.01)
C07D 471/10 (2006.01)
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 (21) 2020294577 (22) 17.06.2020
 (54) Fluid-carrying application
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A61F 2/52 (2006.01)
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(54) Structure, and method for manufacturing same
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E04B 1/76 (2006.01)
F28D 15/02 (2006.01)
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F28D 20/02 (2006.01)
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B01F 23/20 (2022.01)
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YOO, A Ram
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(54) Data analytics system and method for processing health insurance claims and targeted advertisement -based health-care management
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G06F 21/00 (2013.01)
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(74) Adams Pluck

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2019303725	Ferromedica Pty Ltd	2020284106	The Trustees of the University of Pennsylvania; The Children's Hospital of Philadelphia
2019447528	Szegedi Tudományegyetem; ThalesNano Zrt.	2020284270	Clipex IP Limited
2019447732	Rosneft Oil Company; BP Exploration Operating Company Limited	2020284340	The General Hospital Corporation
2019448499	Suntory Holdings Limited	2020284570	SWM Luxembourg
2019449137	Elekta, Inc.	2020284742	Mankind Pharma Ltd.
2019449159	Crucianelli, T.M.C.S.	2020285210	Meiji Seika Pharma Co., Ltd.
2019449279	Sami-Sabinsa Group Limited	2020285224	Suntory Holdings Limited
2019449346	Elekta AB (publ)	2020285471	Olsson, A.
2019449722	Hafeez, K.	2020285718	Janssen Sciences Ireland Unlimited Company
2019450301	NTT Docomo, Inc.	2020285719	Janssen Sciences Ireland Unlimited Company
2019450894	Garibaldi S.A.	2020286082	ACTEGA Schmid Rhyner AG
2019451099	Atlas Copco Airpower, Naamloze Vennootschap	2020286520	Oscilla Power, Inc.
2019451182	Landis+Gyr Innovations, Inc.	2020286523	The University of Chicago
2019452629	Dow Global Technologies LLC; Rohm and Haas Company; Dow Silicones Corporation	2020286682	Peacock Biotherapeutics Limited
2019452639	ShanghaiTech University	2020286961	Janssen Pharmaceutica NV
2019453585	NTT DoCoMo, Inc.	2020286962	Janssen Sciences Ireland Unlimited Company
2019454205	Sunwave Communications Co., Ltd.	2020287063	Protix B.V.
2019454275	General Electric Company	2020287152	Joby Elevate, Inc.
2019455704	General Electric Company	2020287165	Mythic Therapeutics, Inc.
2019455851	Huawei Digital Power Technologies Co., Ltd.	2020287174	Canary Medical Inc.
2019455859	UPL Ltd	2020287227	Membion GmbH
2019455916	NUC Electronics Co., Ltd.	2020287260	Atos Medical AB
2019456022	NEC Corporation	2020287378	Mythic Therapeutics, Inc.
2019456179	Visiedge AB	2020287396	Suzano S.A.
2019456388	NEC Corporation	2020287588	Protix B.V.
2019456541	Bejo Zaden B.V.	2020287607	Advanced Technologies For Novel Therapeutics, LLC
2019456622	Zelocchi, E.	2020287832	Tan, W.
2019456730	Reliance Worldwide Corporation (UK) Limited	2020287848	Cisco Technology, Inc.
2019457225	Nippon Telegraph and Telephone Corporation	2020288027	Mitsubishi Power, Ltd.
2019459344	Alifax S.R.L.	2020288198	KineticCore Solutions LLC
2019459753	PayPal, Inc.	2020288201	Beacon Lighting International Limited; Vilella, J.
2019461218	F. Hoffmann-La Roche AG; Shionogi & Co., Ltd.	2020288270	GenFleet Therapeutics (Shanghai) Inc.; Zhejiang GenFleet Therapeutics Co., Ltd.
2019463018	Elanco US Inc.; Elanco UK Ah Limited	2020288275	Shanghai Hansoh Biomedical Co., Ltd.; Jiangsu Hansoh Pharmaceutical Group Co., Ltd.
2019466416	Walkme Ltd.	2020288361	SelectImmune Pharma AB
2019466462	Halliburton Energy Services, Inc.	2020288366	Betolar Oy
2019466557	Aplas Pty Ltd	2020288371	Faiveley Transport Tours
2019468569	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2020288404	Janssen Biotech, Inc.
2019468770	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020288436	TESMAN S.R.L.S
2019470240	Halliburton Energy Services, Inc.	2020288450	MTI Group Pty Ltd
2019470252	Hunan Qiankang Technology Co., Ltd.	2020288567	Guangzhou JOYO Pharma Co., Ltd; Medshine Discovery Inc.
2019470409	Guangdong Recyclean Low-Carbon Technology Co., Ltd.	2020288605	The Cyprus Foundation for Muscular Dystrophy Research
2019473876	Shenzhen Waydoo Intelligence Technology Co., Ltd.	2020288624	Cocoon Biotech Inc.
2020208845	Lekkos, V.	2020288749	Janssen Biotech, Inc.
2020259509	Huawei Technologies Co., Ltd.	2020288823	Verseau Therapeutics, Inc.
2020268578	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft	2020288824	Verseau Therapeutics, Inc.
2020277444	Huawei Technologies Co., Ltd.	2020288999	PaxMedica, Inc.
2020278407	NONDRILL PTY LTD	2020289026	Cisco Technology, Inc.
2020281311	Faradion Limited	2020289070	Janssen Biotech, Inc.
2020281477	PlanBlue GmbH	2020289090	AXET S.r.l.
2020281551	Jiangyin TSI Pharmaceutical Co., Ltd.	2020289477	Mythic Therapeutics, Inc.
2020281650	Galapagos NV	2020289479	Evolved By Nature, Inc.
2020282020	Sedana Medical Limited	2020289485	The University of Chicago
2020282371	Obermeyer, H.K.	2020289531	SmileDirectClub LLC; SDC U.S. SmilePay SPV
2020282381	Clipex IP Limited	2020289549	X Development LLC
2020282832	Kindeva Drug Delivery	2020289567	Research Triangle Institute
2020282835	Landis+Gyr Innovations, Inc.	2020290015	Technip Energies France
2020283129	Bantam Pharmaceutical, LLC	2020290049	TMEM16A LIMITED
2020283215	Yoo, Y.	2020290351	Fresenius Medical Care Holdings, Inc.
2020283299	Taiho Pharmaceutical Co., Ltd.	2020290443	Visus Therapeutics, Inc.
2020283748	Avitide LLC	2020290447	Mobius Technologies, LLC
2020283902	Landis+Gyr Innovations, Inc.	2020290459	Klinge Corporation
2020284042	Stryker European Operations Limited	2020290464	Sonos, Inc.
		2020290510	Quantum-Si Incorporated

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2020290611	AVX New Energy (Chengdu) Co., Ltd	2020294953	Universite de Franche-Comte; Institut National de la Sante et de la Recherche Medicale; Etablissement Français du Sang; Centre Hospitalier Regional Universitaire de Besançon
2020290631	Trigger Engineering & Consulting Pty Ltd	2020295167	Taiho Pharmaceutical Co., Ltd.
2020290725	ASSA ABLOY Entrance Systems AB	2020295280	Commonwealth Scientific and Industrial Research Organisation
2020290763	Thales	2020295281	Sola, S.; Decorte, D.
2020290943	Takeda Pharmaceutical Company Limited	2020295282	MNATSAKANYAN, Mariam
2020290944	Cisco Technology, Inc.	2020295308	Tagworks Pharmaceuticals B.V.
2020290958	Piedmont Animal Health Inc.	2020295403	Kintra Fibers, Inc.
2020290962	The Scripps Research Institute	2020295509	Beijing Benicall Biotech Co., Ltd.
2020290969	G Tech Bio LLC	2020295595	Thiele GmbH & Co. KG
2020290999	Takeda Pharmaceutical Company Limited	2020295693	AlgiPharma AS
2020291032	Nectar Health Sciences Inc.	2020295936	GS Yuasa International Ltd.
2020291058	AVX New Energy (Chengdu) Co., Ltd	2020296003	OxiWear, Inc.
2020291074	CP Pharmaceutical Qingdao Co., Ltd.; Marine Biomedical Research Institute of Qingdao Co., Ltd.	2020296050	Guangzhou Ocusun Ophthalmic Biotechnology Co., Ltd.
2020291109	Alkermes Pharma Ireland Limited	2020296068	Innovasea Systems, Inc.
2020291162	Vaxon Biotech	2020296105	Father Flanagan's Boys' Home doing business as Boys Town National Research Hospital
2020291450	Phosphorus Free Water Solutions, LLC	2020296121	Figene, LLC
2020291464	Vanderbilt University	2020296174	Alakai Technologies Corporation
2020291528	Mobius Technologies, LLC	2020296179	Celgene Quanticel Research, Inc.
2020291534	Phosphorus Free Water Solutions, LLC	2020296185	Ginkgo Bioworks, Inc.
2020291546	Polyplas International Pty Ltd	2020296520	Sugita Wire, Ltd.
2020291554	Gutierrez-Sheris, L.E.	2020296604	Neo Cremar Co., Ltd.
2020291694	Hadasit Medical Research Services and Development Ltd.	2020296845	Maduro Discovery, LLC
2020291712	CSL Innovation Pty Ltd	2020296913	MST NL B.V.
2020291757	CP Pharmaceutical Qingdao Co., Ltd.; Marine Biomedical Research Institute of Qingdao Co., Ltd.	2020296926	Red Bull GmbH
2020291828	Dixit, S.	2020296960	Anison Therapeutics Oy
2020291920	Takeda Pharmaceutical Company Limited	2020297138	Sugita Wire, Ltd.
2020291921	Koth, C.	2020297160	Nihon Medi-Physics Co., Ltd.
2020291936	Vanderbilt University	2020297214	LG Electronics Inc.
2020292062	CJ Cheiljedang Corporation	2020297253	Tagworks Pharmaceuticals B.V.; Technische Universität Wien
2020292200	Weatherford Technology Holdings, LLC	2020297284	W. L. Gore & Associates, Inc.
2020292293	Alliance for Sustainable Energy, LLC	2020297427	Cedars-Sinai Medical Center
2020292295	MSG Entertainment Group, LLC.; HOLOPLOT GmbH	2020297499	Inscripta, Inc.
2020292349	Chevron U.S.A. Inc.; Chevron Australia Pty Ltd	2020297500	Tosk, Inc.
2020292370	Figene, LLC	2020297516	Other Lab, LLC
2020292388	Aqua Metals Inc.	2020297587	Pattern Computer, Inc.
2020292419	The Wistar Institute	2020297594	Kernal Biologics, Inc.
2020292590	Alkermes Pharma Ireland Limited	2020297596	Celgene Corporation
2020292642	AVX New Energy (Chengdu) Co., Ltd	2020297611	Spectrum Solutions, LLC
2020292664	Medshine Discovery Inc.	2020297612	President and Fellows of Harvard College
2020292692	SaNOTize Research and Development Corp.	2020297662	Swinburne University of Technology
2020292754	Chr. Hansen HMO GmbH	2020297844	Sogeclair SA
2020292848	8 Rivers Capital, LLC	2020298031	Abliva AB
2020292852	B.T. Sweet Ltd	2020298108	Fastox Pharma SA
2020292946	Thales	2020298115	Tana Oy
2020293031	Nectar Health Sciences Inc.	2020298164	TearSolutions, Inc.; The University of Virginia Patent Foundation
2020293083	MSB Global, Inc.	2020298176	Tate & Lyle Ingredients Americas LLC
2020293201	SmileDirectClub LLC	2020298248	Dyve Biosciences, Inc.
2020293232	Reven IP Holdco LLC	2020298298	Dana-Farber Cancer Institute, Inc.
2020293261	BioPhotas, Inc.	2020298314	Entelexo Biotherapeutics Inc.
2020293382	Noh5 Cooling Pty. Ltd.	2020298322	Vita-Mix Management Corporation
2020293389	Asuo, I.; Gedamu, D.; Ka, I.; Cloutier, S.; Nechache, R.; Pignolet, A.	2020298445	Weatherford Technology Holdings, LLC
2020293482	Thales	2020298452	Li-Cor, Inc.
2020293563	PGS Geophysical AS	2020298486	A.L.M Holding Company
2020293622	Axalbio SA	2020298628	Palleon Pharmaceuticals Inc.
2020293687	DePuy Synthes Products, Inc.	2020298666	NanoAlgae Solutions AG
2020293907	Mixi, Inc.	2020298961	Nihon Medi-Physics Co., Ltd.
2020294103	Purple Innovation, LLC	2020299016	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.
2020294393	Tagworks Pharmaceuticals B.V.	2020299022	Johnston, C.
2020294519	Corn Products Development, Inc.	2020299027	Foodtrace Solutions Pty Ltd
2020294540	Process Metrix, LLC	2020299059	Piccone, L.
2020294577	Yang, K.	2020299074	NA Vaccine Institute
2020294642	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2020299155	Caterpillar Inc.
2020294694	PhilERA New Zealand Ltd.	2020299165	Cotton Incorporated
2020294700	Enochian Biopharma, Inc.	2020299231	Vetco Gray Scandinavia AS
2020294772	Function Oncology, Inc		
2020294934	Tokamak Energy Ltd		

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2020299262	Bayer Aktiengesellschaft	2020307550	The Regents of the University of California
2020299301	Caterpillar Inc.	2020307562	The Trustees of Columbia University in the City of New York
2020299381	Boston Scientific Neuromodulation Corporation	2020307693	MOR Research Applications Ltd.
2020299392	Earth Networks, Inc.	2020307853	Inventio AG
2020299410	H. Lundbeck A/S	2020307933	Europeenne de Biomasse
2020299538	Derrick Corporation	2020308004	The United States of America, as Represented by The Secretary, Department of Health and Human Services
2020299543	Palleon Pharmaceuticals Inc.	2020308104	Pneuma Respiratory, Inc.
2020299588	Oakwood Laboratories, LLC	2020308337	Cisco Technology, Inc.
2020299614	Palleon Pharmaceuticals Inc.	2020308351	Huawei Technologies Co., Ltd.
2020299633	Ohio State Innovation Foundation	2020308366	Huawei Technologies Co., Ltd.
2020299949	Ontex BV; Ontex Group NV	2020308448	Promega Corporation
2020299951	DBV Technologies; UCL Business PLC	2020308600	Brain Corp SA
2020299965	F. Hoffmann-La Roche AG	2020308635	Solvionic
2020299994	Earl Cambon & Fils	2020308761	Daikin Industries, Ltd.
2020300026	AO Technology AG	2020308814	Hanmi Pharm. Co., Ltd.
2020300121	Lumus Ltd.	2020308906	Scipher Medicine Corporation
2020300255	Cumulo Group Pty Ltd	2020308974	Solmax International Inc.; SB Technologies Inc.
2020300256	Ceres Tag Pty Ltd	2020309099	3E Panels Pty Ltd
2020300339	FNV IP B.V.	2020309155	Societe Internationale Pour le Commerce et l'Industrie; Ascodero Productique
2020300450	Baker Hughes Oilfield Operations LLC	2020309176	Scuola Internazionale Superiore di Studi Avanzati - SIS-SA
2020300516	PayPal, Inc.	2020309298	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2020300517	Ology Bioservices, Inc.	2020309305	Jaguar Land Rover Limited
2020300612	Stryker Corporation	2020309451	Callidus Capital B.V.
2020300613	Liminal Sciences, Inc.	2020309495	Baker Hughes Oilfield Operations LLC
2020300624	Atossa Therapeutics, Inc.	2020309498	Cisco Technology, Inc.
2020300634	Vetco Gray Scandinavia AS	2020309520	Bendix Commercial Vehicle Systems LLC
2020300680	Palleon Pharmaceuticals Inc.	2020309529	Becton, Dickinson and Company
2020300681	NeuraLace Medical, Inc.	2020309570	Cybrexa 2, Inc.
2020301037	Palleon Pharmaceuticals Inc.	2020309582	Ultima Genomics, Inc.
2020301239	PassPort Technologies, Inc.	2020309592	FMC Corporation
2020301526	Technip N-Power	2020309601	President and Fellows of Harvard College; Massachusetts Institute of Technology
2020301567	Gravitricity Ltd	2020309625	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.
2020301582	Etherna Immunotherapies NV	2020309663	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.
2020301605	Europeenne de Biomasse	2020309802	The University of Liverpool; King's College London
2020301646	Lumus Ltd.	2020310101	Cianna Medical, Inc.
2020301712	The University of Queensland	2020310124	The Board of Regents of the University of Texas System; Keefer, E.
2020301720	Grains Research and Development Corporation; Western Australian Agriculture Authority	2020310135	Sanguine Technology, LLC
2020301835	Solmax International Inc.; SB Technologies Inc.	2020310141	Purdue Research Foundation
2020302398	King Package Co., Ltd.	2020310159	Griffin Bros., Inc.
2020302693	CommScope Technologies LLC	2020310162	DuPont Nutrition Biosciences ApS
2020302791	Dovetail Genomics, LLC	2020310165	Eli Lilly and Company
2020302841	Xefco Pty Ltd	2020310174	Tavotek Biotherapeutics (Hong Kong) Limited
2020302928	The George Washington University, a Congressionally Chartered Not-for-Profit Corporation; MedStar Health Bank of Canada; The Governing Council of The University of Toronto	2020310191	Monsanto Technology LLC
2020302979	The Trustees of the University of Pennsylvania	2020310192	Plantible Foods, Inc.
2020302992	Talon Manufacturing Ltd.	2020310208	Preformed Line Products Co.
2020303219	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft	2020310236	Foshan Shunde Midea Washing Appliances Manufacturing Co., Ltd.
2020303269	PayPal, Inc.	2020310296	Sunshine Lake Pharma Co., Ltd.
2020303560	Amixbio Co., Ltd.	2020310369	Nanjing Chervon Industry Co., Ltd.
2020303814	The Johns Hopkins University	2020310439	Thales
2020304654	Solidification Products International, Inc.	2020310454	Inventio AG
2020304661	Smartseal AS	2020310463	Flowgen Development & Management AG
2020304912	The University of Birmingham	2020310478	Boukhili, A.
2020304939	Met Life Sciences Co., Ltd.	2020310511	Jaguar Land Rover
2020305463	Talga Technologies Limited	2020310533	Reliance Worldwide Corporation (UK) Limited
2020305531	Caterpillar Inc.	2020310617	Ventvia Ltd.
2020305728	PassPort Technologies, Inc.	2020310860	GeoQuest Systems B.V.
2020306024	PassPort Technologies, Inc.	2020310894	Memorial Sloan Kettering Cancer Center; Tri-Institutional Therapeutics Discovery Institute
2020306026	PassPort Technologies, Inc.	2020311053	Fisher & Paykel Healthcare Limited
2020306028	PassPort Technologies, Inc.	2020311297	Aucentra Therapeutics Pty Ltd
2020306124	TuoJie Biotech (Shanghai) Co., Ltd.	2020311299	Ingerson, D.
2020306332	Rhefor GBR	2020311310	Snap CPAP, LLC
2020306619	Becton Dickinson France		
2020306635	IoT Telltales AB		
2020306683	Inventio AG		
2020306782	Baker Hughes Oilfield Operations LLC		
2020307151	Eco-Global Energy Pty Limited		
2020307195	Europeenne de Biomasse		
2020307217	i-SEP		

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2020311364	Translate Bio, Inc.	2020315354	Alarm.com Incorporated
2020311385	Children's Hospital Medical Center	2020315367	University of Connecticut
2020311387	Lamb Weston, Inc.; Lamb Weston/Meijer V.O.F.	2020315416	Netflix, Inc.
2020311395	Protagonist Therapeutics, Inc.	2020315475	Direct Biologics LLC
2020311432	Tavotek Biotherapeutics (Hong Kong) Limited	2020315579	L'air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes George Claude; Air Liquide
2020311435	Bechtel Energy, Inc.		Advanced Technologies U.S. LLC
2020311441	University of Utah Research Foundation	2020315655	Ab Initio Technology LLC
2020311473	CRRC Ziyang Co., Ltd.	2020315683	Grow Pipes AB
2020311511	Staidson (Beijing) Biopharmaceuticals Co., Ltd.	2020315720	Church & Dwight Co., Inc.
2020311564	Intellexon GmbH	2020315834	Regeneron Pharmaceuticals, Inc.
2020311579	iOmx Therapeutics AG	2020315962	Translate Bio, Inc.
2020311590	TheraVet SA	2020316056	Constellation Pharmaceuticals, Inc.
2020311591	TheraVet SA	2020316106	Enable Injections, Inc.
2020311610	Bouygues Travaux Publics	2020316107	Frank Brunckhorst Co., LLC
2020311801	BikeFinder AS	2020316331	Pairwise Plants Services, Inc.
2020311816	Vomaris Innovations, Inc.	2020316495	Sinocelltech Ltd
2020311827	Lateral IP Pty Ltd	2020316498	Sinocelltech Ltd
2020311828	Ignis Technologies Pty Ltd	2020316649	Neste Oyj
2020311839	Caterpillar Inc.	2020316964	SWM Luxembourg
2020311841	Huawei Technologies Co., Ltd.	2020317009	The Children's Hospital of Philadelphia; The United States of America, as represented by the Secretary, Department of Health and Human Services; The Board of Trustees of the LelandStanford Junior University
2020311884	Daikin Industries, Ltd.		China Pharmaceutical University
2020311890	Huawei Technologies Co., Ltd	2020317159	Pharmaxis Ltd.
2020311897	Research Institute at Nationwide Children's Hospital	2020317374	Tokyo Gas Co., Ltd.; The University of Tokyo
2020311925	Cybrea 3, Inc.	2020317482	Rheinmetall Waffe Munition GmbH
2020311940	Escape Bio, Inc.	2020317522	i-SENS, Inc.
2020312053	Beijing Bytedance Network Technology Co., Ltd.; Byte-Dance Inc.	2020317807	Deb IP Limited
		2020317849	Lee, H.
2020312133	Inventio AG	2020317953	Magnetic Autocontrol GmbH
2020312171	Reliance Worldwide Corporation (UK) Limited	2020318390	Ottobock SE & Co. KGaA
2020312225	Photonis France	2020318498	De Nora Permelec Ltd
2020312428	BPW Bergische Achsen KG	2020318538	Loc Performance Products, LLC
2020312497	Siemens Mobility GmbH	2020318616	The United States of America, as represented by The Secretary, Department of Health and Human Services
2020312542	BPW Bergische Achsen KG	2020318808	Raytheon Company
2020312641	GlaxoSmithKline Intellectual Property Development Limited	2020318830	Pathy Medical, LLC
2020312686	Intervet International B.V.	2020318895	Cambridge Mobile Telematics Inc.
2020312756	Universitat Politècnica de València; Universitat de València	2020318996	Astellas Pharma Global Development, Inc.
		2020319094	Eureka Therapeutics, Inc.
2020312781	Adaptix Ltd	2020319152	CMA Macchine Per Caffè S.r.l.
2020312861	Security Matters Ltd.	2020319168	Novartis AG
2020312862	Security Matters Ltd.	2020319738	Jessi Lew Pty Ltd.
2020312949	Jungle X Corp.	2020319744	DCM Shirram Limited
2020312953	GC Corporation	2020319879	Aclaris Therapeutics, Inc.
2020313076	i-SENS, Inc.	2020320249	Niverplast Holding B.V.
2020313326	Genesen Co., Ltd.	2020320527	Daikin Industries, Ltd.
2020313377	Lindis Blood Care GmbH	2020320863	Wm. Wrigley Jr. Company
2020313510	GATT Technologies B.V.; Ethicon, Inc.	2020320867	OURS Technology, LLC
2020313571	IHI Corporation	2020320876	Brii Biosciences, Inc.
2020313783	Spray Nozzle Engineering Pty Ltd	2020321376	Kindred Biosciences, Inc.
2020313849	ExxonMobil Research and Engineering Company	2020321583	Bossar Holding B.V.
2020313865	Reflexion Medical, Inc.	2020321731	Regeneron Pharmaceuticals, Inc.
2020313930	Ovid Therapeutics Inc.	2020321759	i-SENS, Inc.
2020314283	KEIWA Incorporated	2020321902	Cardio Ring Technologies, Inc.
2020314311	Fisher & Paykel Healthcare Limited	2020321943	GPS Health LLC
2020314625	Research Development Foundation; Zoetis Services LLC.	2020322026	XRad Therapeutics, Inc.
		2020322107	ACM Biolabs Pte Ltd
2020314720	Motorola Solutions, Inc.	2020322240	Isagro S.p.A.
2020314797	Thomson, J.	2020322588	Shanghai Hansoh Biomedical Co., Ltd.; Jiangsu Hansoh Pharmaceutical Group Co., Ltd.
2020314866	Lysogene		Eli Lilly and Company
2020314969	Fate Therapeutics, Inc.	2020322784	ResMed Pty Ltd
2020315134	Institut d'investigacions Biomèdiques August Pi i Sunyer (IDIBAPS); Hospital Clínic de Barcelona; Consorci Centro de Investigación Biomédica en Red, M.P.; Universitat de Barcelona	2020323298	Boston Scientific Neuromodulation Corporation
		2020323478	Rohm and Haas Electronic Materials Singapore Pte. Ltd.
2020315163	Bioinvent International AB; University of Southampton	2020323836	Boston Scientific Neuromodulation Corporation
2020315187	Johnson Matthey Public Limited Company		Tarnawski, H.
2020315210	Pfizer Inc.	2020324270	i-SENS, Inc.
2020315213	National University of Singapore	2020324822	
2020315254	Arxada, LLC		
2020315259	Takeda Pharmaceutical Company Limited		
2020315279	RareCyte, Inc.		
2020315331	Rush University Medical Center		

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2020324856	Acelot, Inc.	2021249559	Fabheads Automation Private Limited
2020325285	Edifice Health, Inc.	2021273430	Hyosung Heavy Industries Corporation
2020325416	Wuxi Biocity Biopharmaceutics Co., Ltd.	2021281698	Lan, G.
2020325584	Novozymes A/S	2021290310	Hollister Incorporated
2020325708	Novo Nordisk A/S	2021290317	Netflix, Inc.
2020326265	Novo Nordisk A/S		
2020326739	Dejero Labs Inc.		
2020326763	ConocoPhillips Company		
2020326877	Raytheon Company		
2020327892	Lantech.com, LLC		
2020327956	Axolotl Biologix, Inc.		
2020328017	X Development LLC		
2020328173	ALD Vacuum Technologies GmbH		
2020328306	Yazaki Energy System Corporation		
2020328355	i-SENS, Inc.		
2020329230	Matinas BioPharma Nanotechnologies, Inc.		
2020329781	AKI, Inc.		
2020330717	Immatics Biotechnologies GmbH		
2020331545	Siemens Energy Global GmbH & Co. KG		
2020331820	i-SENS, Inc.		
2020333759	Hach Company		
2020333849	Profusa, Inc.; Lepak, C.		
2020334509	i-SENS, Inc.		
2020335057	Guangdong Oppo Mobile Telecommunications Corp., Ltd.		
2020335963	Savage Arms, Inc.		
2020336075	Graphic Packaging International, LLC		
2020336104	Rovi Guides, Inc.		
2020336258	The Chemours Company FC, LLC		
2020336321	Pegasus Solar, Inc.		
2020337254	Mabee Engineered Solutions, Inc.		
2020337847	Mabee Engineered Solutions, Inc.		
2020339526	Osho Filtration Co., Ltd.		
2020339816	Attabotics Inc		
2020340411	Itron, Inc.		
2020340981	Systems Spray-Cooled, Inc.		
2020342541	6K Inc.		
2020344087	Wilhelm Modersohn GmbH & Co KG		
2020344799	Universitat de les Illes Balears; Fundació Institut d'Investigació Sanitària Illes Balears		
2020347405	Electrolux Appliances Aktiebolag		
2020351719	Alcon Inc.		
2020351948	Nichiha Corporation		
2020355335	Alcon Inc.		
2020356506	Alcon Inc.		
2020357705	Kristani, F.		
2020358046	Alcon Inc.		
2020358360	Alcon Inc.		
2020358452	Alcon Inc.		
2020358938	Alcon Inc.		
2020362332	Umwelt- und Ingenieurtechnik GmbH Dresden		
2020364996	Raytheon Company		
2020366408	Sungrow Power Supply Co., Ltd.		
2020369833	Raytheon Company		
2020372905	FloDesign Sonics, Inc.		
2020375429	LG Energy Solution, Ltd.		
2020375557	Raytheon Company		
2020376754	Boston Scientific Scimed, Inc.		
2020411416	Changzhou Institute of Technology		
2020419988	Huawei Digital Power Technologies Co., Ltd.		
2020427917	Wuxi Institute of Technology		
2020432487	Paragon Software GmbH		
2020445641	Beijing Choice Electronic Technology Co., Ltd.		
2020451349	Sekisui House, Ltd.		
2020451351	Sekisui House, Ltd.		
2020451354	Sekisui House, Ltd.		
2020456532	Shenzhen Rhegen Biomedical Technology Co., Ltd.		
2021202555	Dongguan Poweramp Technology Limited		
2021204942	Binzhou Medical University		
2021231261	LG Energy Solution, LTD.		
2021231262	LG Energy Solution, Ltd.		
2021239165	Lee, W.K.C.		

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	2020322240	<u>A23D 7 /-</u>	<u>A23L 33 /-</u>	2020298322	<u>A61B 8 /-</u>
<u>A01C 7 /-</u>	<u>A01N 43 /-</u>	2020294519	2019448499	<u>A47K 5 /-</u>	2020300613
2019449159	2020285210	<u>A23G 4 /-</u>	2019449279	2020317849	<u>A61B 90 /-</u>
<u>A01D 34 /-</u>	2020299262	2020320863	2020291074	<u>A47L 15 /-</u>	2020284106
2020310369	2020309592	<u>A23G 9 /-</u>	2020292062	2020309625	2020297284
<u>A01G 31 /-</u>	<u>A01N 47 /-</u>	2020294519	2020292852	2020310236	2020300612
2020282381	2020309592	<u>A23J 1 /-</u>	2020293031	<u>A61B 17 /-</u>	2020310101
2020315683	<u>A01N 51 /-</u>	2020294519	2020296604	2020284106	2020318830
<u>A01G 9 /-</u>	2020309592	<u>A23K 10 /-</u>	<u>A23L 5 /-</u>	2020284340	<u>A61C 19 /-</u>
2020282381	<u>A01N 53 /-</u>	2020292062	2020316107	2020293687	2020293201
2020309298	2020309592	2020299059	<u>A24B 15 /-</u>	2020297284	<u>A61C 7 /-</u>
2020315683	<u>A01N 57 /-</u>	2020310162	2020289567	2020300612	2020319738
<u>A01H 5 /-</u>	2020299262	<u>A23K 20 /-</u>	2020337254	2020376754	<u>A61C 8 /-</u>
2019456541	<u>A01N 59 /-</u>	2020310162	<u>A24F 40 /-</u>	<u>A61B 18 /-</u>	2020289531
<u>A01H 6 /-</u>	2020315254	<u>A23K 30 /-</u>	2020337847	2020284042	<u>A61C 9 /-</u>
2019456541	2020322240	2020299059	<u>A24F 47 /-</u>	2020318830	<u>A61C 9 /-</u>
2020289567	<u>A01N 63 /-</u>	2020299059	<u>A61B 3 /-</u>	2020376754	2020289531
<u>A01K 11 /-</u>	2020309592	<u>A23K 40 /-</u>	2020351719	<u>A61F 13 /-</u>	2020282832
2020299027	2020312641	2020310162	2020355335	2020292692	2020299949
2020300256	<u>A01P 1 /-</u>	<u>A23K 50 /-</u>	2020356506	2020299949	2020311816
<u>A01K 3 /-</u>	2020315254	2020299059	2020358046	2020358360	<u>A61F 2 /-</u>
2020290631	<u>A01P 13 /-</u>	2020310162	2020358452	2020358938	2020288845
<u>A01K 61 /-</u>	2020299262	<u>A23L 11 /-</u>	<u>A45D 33 /-</u>	<u>A61B 34 /-</u>	2020284106
2020296068	<u>A01P 3 /-</u>	2020294519	2020289479	2020300612	2020287174
2020299994	<u>A01P 5 /-</u>	<u>A23L 2 /-</u>	<u>A45D 40 /-</u>	<u>A61B 5 /-</u>	2020294577
<u>A01K 63 /-</u>	2020322240	2019448499	2020329781	2020287174	2020297284
2020296068	2020325584	2019449279	<u>A47B 1 /-</u>	2020296003	2020356506
2020296520	<u>A01P 13 /-</u>	2020285224	2020285471	2020299949	<u>A61F 5 /-</u>
2020297138	2020285210	2020292852	<u>A47B 3 /-</u>	2020310101	2020290447
<u>A01K 67 /-</u>	<u>A21D 2 /-</u>	2020296926	2020285471	2020310165	2020291528
2020287588	2020294519	2020298176	<u>A47B 85 /-</u>	2020313076	2020310135
2020288624	2020325584	<u>A23L 23 /-</u>	2020285471	2020313865	2020318498
2020299059	<u>A21D 8 /-</u>	2020294519	<u>A47G 19 /-</u>	2020317807	2021290310
<u>A01M 1 /-</u>	2020325584	<u>A23L 27 /-</u>	2020300255	2020321759	<u>A61F 6 /-</u>
2020306635	2020292852	2020294519	<u>A47G 9 /-</u>	2020321902	2020294577
<u>A01N 25 /-</u>	2020294519	2020298176	2020294103	2020323478	2020315720
2020285210	2020298176	<u>A23L 29 /-</u>	<u>A47J 27 /-</u>	2020324822	<u>A61F 9 /-</u>
2020310191	2020299027	2020294519	2020318830	2020325285	2019456179
2020322240	<u>A23B 4 /-</u>	2020294519	<u>A61B 50 /-</u>	2020328355	2020311441
<u>A01N 33 /-</u>	2020316107	<u>A23L 3 /-</u>	2020331820	2020333849	2020311299
2020310191	<u>A23C 3 /-</u>	2020296926	2019455916	2020334509	<u>A61B 6 /-</u>
<u>A01N 37 /-</u>	2020296926	2020310617	<u>A47J 31 /-</u>	<u>A61B 6 /-</u>	2020312781
2020310191	2020296926	<u>A47J 43 /-</u>	2020319152	2020313865	2020291921
2020315254	2020296926	2019455916	2020319738	2020319738	

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2020298108	A61P 35 /-	A61P 43 /-	B01D 11 /-	2020298322	B05B 7 /-
A61P 25 /-	2020281650	2020283299	2020293031	B01F 33 /-	2020295281
2020287607	2020283129	2020290999			2020313783
2020296121	2020284742	2020302992	B01D 17 /-	2020288366	
2020299410	2020286961	2020305463		2020299588	B05D 1 /-
2020299633	2020286962	2020318996	2020292293		2020284270
2020299965	2020287165		B01D 21 /-	B01F 35 /-	
2020303269	2020287378	A61P 7 /-		2020288366	B06B 1 /-
2020306024	2020287607		2020296913	2020298322	
2020310124	2020288270	2019303725			2020301712
2020311827	2020288275	2020295693	B01D 25 /-	B01J 12 /-	
2020311940	2020289477	2020296050			B07B 1 /-
2020313930	2020291074		2020339526	2019455859	
2020315331	2020291109	A61P 9 /-			2020298115
2020317159	2020291162		B01D 29 /-	B01J 13 /-	2020299538
	2020291464	2020281650		2020372905	2020351948
A61P 27 /-	2020291757	2020296050	2020296913		
2020290443	2020291936	2020298108		B01J 19 /-	B08B 1 /-
2020296050	2020292664	2020317159	B01D 3 /-		
2020298164	2020293232	2020326265		2020301712	2019456179
2020311441	2020294642		2020292293		B09B 3 /-
2020316495	2020295167	A61Q 17 /-	B01D 39 /-	B01J 2 /-	
2020320876	2020295308			2020299588	2020299059
	2020295509	2020288624	2020284570		2020301605
A61P 29 /-	2020296179	A61Q 19 /-	B01D 45 /-	B01J 20 /-	2020307195
2020281650	2020296960				2020307933
2020288361	2020297596	2020288624	2020296913	2020296520	B21F 15 /-
2020288567	2020298298	2020289479		2020297138	
2020298108	2020298628	2020298248	B01D 46 /-	2020313849	2019450894
2020299965	2020298961	2020299951		2020315579	
2020303269	2020299074		2020284570		B21F 27 /-
2020315367	2020299543	A62B 18 /-		B01J 32 /-	2019450894
2020317159	2020299614		B01D 53 /-		
2020318996	2020299965	2020311310		2020295280	B22D 15 /-
	2020300624	A62C 29 /-	2019451099		
	2020300624		2020292848	B01J 37 /-	2020427917
A61P 3 /-	2020301582	2020324270	2020307562		
2019452639	2020302928		2020313849	2020295280	B22F 9 /-
2020298031	2020306124	A62C 3 /-	2020315579		
2020310296	2020308004		B01D 61 /-	B01L 3 /-	2020328173
2020317159	2020308814	2020313783			
2020322784	2020309570	2020324270	2020287227	2020297611	B23K 26 /-
2020326265	2020310141	2021231262		2020333759	
	2020310894	A62C 31 /-	B01D 63 /-		2020301239
A61P 31 /-	2020311297			B03B 13 /-	
2019461218	2020311925	2020313783	2020287227		B25B 27 /-
2019463018	2020314969	2020324270		2020301712	
2020285718	2020315163	2021231262	B01D 65 /-		B25C 1 /-
2020285719	2020315210			2020301712	
2020286962	2020315213	A62C 33 /-	B01D 69 /-		2020306332
2020287607	2020316056			B04C 3 /-	
2020290969	2020316498	2020310478	2020323836		2020306332
2020292062	2020316948	A62C 37 /-		2020296913	B26D 3 /-
2020299074	2020317009		2020301239		
2020300680	2020319094	2021231262	B01F 23 /-	B04C 9 /-	2020311387
2020303269	2020322588				B26D 7 /-
2020303814	2020325416	A62C 99 /-	2020283215	2020296913	
2020311511	2020456532		2020299588		B26D 7 /-
2020314625		2021231262		B05B 1 /-	2020311387
2020314969	A61P 37 /-		B01D 63 /-		
2020318808	2020281650	A62C 99 /-		2020301712	B25C 1 /-
	2020289070		B01D 65 /-		
A61P 33 /-	2020290999	A62C 33 /-		2020301712	
2020312641	2020290999		B01D 69 /-		2020306332
	2020291074	A62C 37 /-		B04C 3 /-	
	2020291757		B01D 63 /-		B26D 3 /-
	2020304654	2021231262			
			B01F 23 /-	B04C 9 /-	2020311387
	A61P 39 /-	A62C 99 /-			B26D 7 /-
			2020283215	2020296913	
		2021231262	2020299588		B05B 1 /-
				2020295281	
		A63F 13 /-	B01F 25 /-		B26F 1 /-
				2020295281	2020301239
		2020312949			
			2020283215	B05B 16 /-	
		B01D 1 /-	2020295280		B28B 1 /-
			2020295281	2020295281	
		2020292293			2020297662
			B01F 27 /-	B05B 5 /-	2020351948
	2020317159				
			2020288366	2020299951	
			2020294519		

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<u>B28B 23 /-</u>	<u>B33Y 70 /-</u>	<u>B60T 15 /-</u>	<u>B65B 11 /-</u>	<u>B66B 1 /-</u>	<u>C05F 1 /-</u>
2020297662	2020315187	2020309520	2020327892	2020306683 2020312133	2020287063
<u>B28B 7 /-</u>	<u>B33Y 80 /-</u>	<u>B60T 7 /-</u>	<u>B65B 5 /-</u>	<u>B66B 13 /-</u>	<u>C05F 11 /-</u>
2020314283	2020297662	2020309520 2020314797	2020315720	2020307853	2020287063
<u>B29C 48 /-</u>	<u>B41M 5 /-</u>	<u>B60T 8 /-</u>	<u>B65B 55 /-</u>	<u>B66B 3 /-</u>	<u>C05F 5 /-</u>
2020301835	2020286082	2020314797	2020331820	2020312133	2020287063
<u>B29C 64 /-</u>	<u>B42D 25 /-</u>	<u>B61B 1 /-</u>	<u>B65B 57 /-</u>	<u>B66D 1 /-</u>	<u>C05F 9 /-</u>
2020315187 2021249559	2020302979	2020278407	2020327892	2020290763 2020293482	2020287063
<u>B29C 65 /-</u>	<u>B60C 11 /-</u>	<u>B61L 1 /-</u>	<u>B65B 61 /-</u>	<u>B67D 3 /-</u>	<u>C07B 45 /-</u>
2020321583	2020310159	2020312497	2020331820	2020299016	2020317374
<u>B29C 70 /-</u>	<u>B60C 19 /-</u>	<u>B62D 33 /-</u>	<u>B65B 7 /-</u>	<u>C01B 25 /-</u>	<u>C07B 61 /-</u>
2020309155	2020317953	2020290459	2020331820	2020295403	2020317482
<u>B31D 1 /-</u>	<u>B60C 7 /-</u>	<u>B62D 55 /-</u>	<u>B65D 33 /-</u>	<u>C01B 3 /-</u>	<u>C07C 1 /-</u>
2020320249	2020317953	2020311839 2020318616	2020320249	2020292848	2020317482
<u>B32B 13 /-</u>	<u>B60C 9 /-</u>	<u>B62J 15 /-</u>	<u>B65D 43 /-</u>	<u>C01B 32 /-</u>	<u>C07C 13 /-</u>
2020314283	2020310159	2020311801	2020300255	2020292848 2020295403 2020445641	2020297253
<u>B32B 15 /-</u>	<u>B60H 1 /-</u>	<u>B62K 21 /-</u>	<u>B65D 47 /-</u>	<u>C01B 33 /-</u>	<u>C07C 211 /-</u>
2020302841	2020290459	2020311801	2020300255 2020304912	2020342541	2020291032 2020293031
<u>B32B 17 /-</u>	<u>B60K 1 /-</u>	<u>B62K 5 /-</u>	<u>B65D 5 /-</u>	<u>C02F 1 /-</u>	<u>C07C 213 /-</u>
2020316964	2020312428 2020312542	2020311299	2020336075	2020291534 2020296520 2020296926 2020297138	2020281551
<u>B32B 21 /-</u>	<u>B60K 11 /-</u>	<u>B62L 3 /-</u>	<u>B65D 65 /-</u>	<u>C02F 103 /-</u>	<u>C07C 215 /-</u>
2020309099	2020312428 2020312542	2020314797	2020331820	2020296926	2020281551
<u>B32B 27 /-</u>	<u>B60K 17 /-</u>	<u>B62M 6 /-</u>	<u>B65D 77 /-</u>	<u>C02F 3 /-</u>	<u>C07C 217 /-</u>
2020301835 2020309099 2020316964	2020312428 2020312542	2020297516	2020329781 2020336075	2020296926	2020300624
<u>B32B 3 /-</u>	<u>B60L 15 /-</u>	<u>B63B 22 /-</u>	<u>B65D 85 /-</u>	<u>C02F 5 /-</u>	<u>C07C 229 /-</u>
2020302841 2020309099	2021281698	2020286520	2020287588 2020308600	2020287227	2020291936
<u>B32B 5 /-</u>	<u>B60L 58 /-</u>	<u>B63B 32 /-</u>	<u>B65F 1 /-</u>	<u>C02F 9 /-</u>	<u>C07C 237 /-</u>
2020302841 2020309099	2020311473	2019473876	2020299022	2020296926	2020303814
<u>B32B 7 /-</u>	<u>B60P 3 /-</u>	<u>B63G 7 /-</u>	<u>B65G 1 /-</u>	<u>C04B 28 /-</u>	<u>C07C 273 /-</u>
2020302841 2020309099	2020290459	2020331545	2020339816	2020296926	2020292848
<u>B33Y 10 /-</u>	<u>B60R 3 /-</u>	<u>B63H 5 /-</u>	<u>B65G 23 /-</u>	<u>C04B 9 /-</u>	<u>C07C 303 /-</u>
2020315187	2020310511	2019473876	2020295595	2020293083 2020297662	2020317159
<u>B33Y 40 /-</u>	<u>B60T 13 /-</u>	<u>B64C 39 /-</u>	<u>B65G 43 /-</u>	<u>C05C 9 /-</u>	<u>C07C 311 /-</u>
2020297662	2020309520	2020324270	2020295595	2020293083	2020317159
		<u>B64D 1 /-</u>	<u>B65G 45 /-</u>	2020293083	<u>C07C 315 /-</u>
		2020290763 2020293482	2020351948	2019455859	<u>C07C 317 /-</u>
					2020317374

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<u>C07C 327 /-</u>	<u>C07D 311 /-</u>	2020288567 2020293031 2020295509 2020297500 2020311940	2020298164 2020298314 2020300026 2020308004 2020311385 2020311395 2020311897 2020311925 2020314625 2020314969 2020317009 2020319094 2020319744	<u>C08B 37 /-</u>	<u>C10K 3 /-</u>
2020298031	2020291032			2020291074 2020291757	2020288027
<u>C07C 51 /-</u>	<u>C07D 317 /-</u>				<u>C10L 5 /-</u>
2020281551 2020293031	2020297253	<u>C07D 491 /-</u>		<u>C08F 220 /-</u>	2020301605 2020307195 2020307933
<u>C07C 65 /-</u>	<u>C07D 333 /-</u>	2020309570 2020322026		2020312953	
2020293031	2020317374	<u>C07D 495 /-</u>		<u>C08G 73 /-</u>	<u>C10L 9 /-</u>
<u>C07C 9 /-</u>	<u>C07D 401 /-</u>	2020299410		2020308448	2020301605 2020307195 2020307933
2020317482	2020294393 2020294642 2020296050 2020311940	<u>C07D 498 /-</u>	<u>C07K 16 /-</u>	2020299165	
<u>C07D 209 /-</u>	<u>C07D 403 /-</u>	2020285718	2019452639 2020286682 2020287165 2020287378 2020288275 2020288404 2020288749 2020288823 2020288824 2020289070 2020289477 2020290943 2020290962 2020291712 2020291920 2020294953 2020295308 2020296105 2020298628 2020299543 2020299614 2020310174 2020310894 2020311432 2020311511 2020311579 2020311897 2020312686 2020314625 2020314969 2020315163 2020315367 2020316495 2020316498 2020317009 2020321376 2020322588	<u>C08J 11 /-</u>	<u>C10M 105 /-</u>
2020291464 2020317374	2020294642	<u>C07D 519 /-</u>		2020299165	2020316649
<u>C07D 211 /-</u>	<u>C07D 405 /-</u>	2020288567 2020295509 2020299965		2020284570	<u>C10N 20 /-</u>
2020291032	2020286962 2020290049 2020311940 2020317374	<u>C07F 19 /-</u>		<u>C08L 23 /-</u>	2020316649
<u>C07D 213 /-</u>	<u>C07D 409 /-</u>	2020313849		2020312861 2020312862	<u>C10N 30 /-</u>
2020293031	2020311940	<u>C07F 3 /-</u>		2020329781	2020316649
<u>C07D 215 /-</u>	<u>C07D 413 /-</u>	2020313849		<u>C09D 133 /-</u>	<u>C10N 40 /-</u>
2020317374	2020290049 2020311940 2020313930 2020316056	<u>C07G 1 /-</u>		2019452629	2020316649
<u>C07D 231 /-</u>	<u>C07D 417 /-</u>	2020287396		<u>C09D 183 /-</u>	<u>C11C 5 /-</u>
2020290049 2020291464 2020294642	2020283129 2020288270 2020303269 2020311940 2020316056	<u>C07H 19 /-</u>		2019452629	2020329781
<u>C07D 233 /-</u>	<u>C07D 419 /-</u>	2020295167		2020305531	<u>C12H 1 /-</u>
2020291464	2020283129 2020288270 2020303269 2020311940 2020316056	<u>C07H 3 /-</u>		<u>C09J 7 /-</u>	2020296926
<u>C07D 235 /-</u>	<u>C07D 453 /-</u>	2020292754		2020302398	<u>C12M 1 /-</u>
2020290049 2020292419	2020291032 2020293031	<u>C07H 7 /-</u>		<u>C09K 5 /-</u>	2020309582 2020372905
<u>C07D 261 /-</u>	<u>C07D 471 /-</u>	2020310296		2020336258	<u>C12N 1 /-</u>
2020291464	2020281650 2020284742 2020285718 2020285719 2020290049 2020291464 2020292664 2020299965 2020306124 2020311297 2020311940 2020315210 2020322026 2020325416	<u>C07H 9 /-</u>		<u>C09K 8 /-</u>	2019470409 2020297499 2020298666 2020312641
<u>C07D 263 /-</u>	<u>C07D 475 /-</u>	2020310296		2020300450	<u>C12N 13 /-</u>
2020290049	2020281650 2020284742 2020285718 2020285719 2020290049 2020291464 2020292664 2020299965 2020306124 2020311297 2020311940 2020315210 2020322026 2020325416	<u>C07J 7 /-</u>		<u>C10B 53 /-</u>	2020327956 2020372905
<u>C07D 279 /-</u>	<u>C07D 477 /-</u>	2019449722		2020291828 2020301605 2020307195 2020307933	<u>C12N 15 /-</u>
2020317374	2020281650 2020284742 2020285718 2020285719 2020290049 2020291464 2020292664 2020299965 2020306124 2020311297 2020311940 2020315210 2020322026 2020325416	<u>C07J 75 /-</u>		<u>C10G 1 /-</u>	2019452639 2019470409 2020288605 2020294700 2020297427 2020297499 2020297594 2020299074 2020299633 2020300680 2020302791 2020307550
<u>C07D 295 /-</u>	<u>C07D 481 /-</u>	2019449722		2020291828	
2020293031	2020281650 2020284742 2020285718 2020285719 2020290049 2020291464 2020292664 2020299965 2020306124 2020311297 2020311940 2020315210 2020322026 2020325416	<u>C07K 1 /-</u>		<u>C10J 3 /-</u>	
<u>C07D 307 /-</u>	<u>C07D 487 /-</u>	2020310192 2020321731		2020288027	
2020291464 2020317159 2020317374	2020281650 2020284742 2020285718 2020285719 2020290049 2020291464 2020292664 2020299965 2020306124 2020311297 2020311940 2020315210 2020322026 2020325416	<u>C07K 14 /-</u>		<u>C10K 1 /-</u>	
<u>C07D 309 /-</u>	<u>C07D 491 /-</u>	2020286682 2020288605 2020291109 2020291712 2020294700 2020296185 2020297499		2020288027 2020292848	
2020310296	2020281650				

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2020309176	<u>C22B 26 /-</u>	<u>D21C 3 /-</u>	2020344087	<u>E21D 19 /-</u>	<u>F16B 7 /-</u>
2020309582					
2020311364	2020297160	2020301605	<u>E04G 23 /-</u>	2019450894	2020311801
2020311385		2020307195			
2020311395	<u>C22B 3 /-</u>	2020307933	2020314283	<u>E21D 9 /-</u>	<u>F16F 15 /-</u>
2020314866					
2020315213	2020292388	<u>D21H 19 /-</u>	<u>E04H 1 /-</u>	2020311610	2020288198
2020316331	2020296185				
2020319168		2020286082	2020451354	<u>F01K 17 /-</u>	<u>F16G 11 /-</u>
2020319744	<u>C22B 59 /-</u>	<u>D21H 21 /-</u>	<u>E04H 12 /-</u>	2020292848	2019450894
2020322588	2020296185				2020290763
2020456532		2020302979	2020278407	<u>F01K 23 /-</u>	2020293482
<u>C12N 5 /-</u>	<u>C22B 60 /-</u>	<u>E01C 19 /-</u>	<u>E04H 17 /-</u>	2020292848	<u>F16H 57 /-</u>
	2020297160				
2020288824		2020298486	2020278407	<u>F01K 25 /-</u>	2020312428
2020290969	<u>C23C 2 /-</u>		2020284270		2020312542
2020291694		<u>E01F 7 /-</u>	2020290631	2020292848	
2020292370	2020284270				<u>F16J 15 /-</u>
2020292590		2019450894	<u>E05F 15 /-</u>	<u>F02B 23 /-</u>	2020288198
2020296121	<u>C25B 1 /-</u>				2020294934
2020300026		<u>E02D 1 /-</u>	2020290725	2020357705	2020305728
2020300517	2019447528				2020318538
2020302928		2020308974	<u>E21B 10 /-</u>	<u>F02B 33 /-</u>	
2020307550	<u>C25B 11 /-</u>				
2020314969		<u>E02D 17 /-</u>	2020311828	2020357705	<u>F16K 5 /-</u>
2020315475	2020318538				
2020327956	<u>C25B 13 /-</u>	2019450894	<u>E21B 17 /-</u>	<u>F02B 41 /-</u>	2019466462
<u>C12N 7 /-</u>		<u>E02F 9 /-</u>	2020300634	2020357705	<u>F16L 1 /-</u>
	2020318538		2020311828		
2019463018	<u>C25B 15 /-</u>	2020299155		<u>F02C 1 /-</u>	2020299231
<u>C12N 9 /-</u>		2020299301	<u>E21B 21 /-</u>	2020292848	2020301526
	2019447528	<u>E03C 1 /-</u>	2020311828	<u>F02C 3 /-</u>	2020309451
2020292754	2020318538				2020311610
2020314866		2020317849	<u>E21B 29 /-</u>	2020292848	<u>F16L 23 /-</u>
2020316331	<u>C25B 3 /-</u>				
<u>C12P 19 /-</u>	2019447528	<u>E03F 1 /-</u>	2020309451	<u>F02C 7 /-</u>	2020311610
		2020304661	<u>E21B 33 /-</u>	2020297844	<u>F16L 3 /-</u>
2020292754	<u>C25B 9 /-</u>	<u>E03F 5 /-</u>	2019470240	<u>F03B 13 /-</u>	2020291546
<u>C12P 21 /-</u>	2019447528		2020292200		2020303219
	2020318538	2020304661	<u>E21B 34 /-</u>	2020286520	<u>F16L 33 /-</u>
2019470409	<u>C25D 3 /-</u>	<u>E04B 1 /-</u>		2020290015	
2020316498					2020310533
<u>C12P 7 /-</u>	2020297160	2020291546		<u>F03D 1 /-</u>	2020312171
		2020309099			
2020299165	<u>C30B 31 /-</u>	2020328306	<u>E21B 4 /-</u>	2020310463	<u>F16L 37 /-</u>
<u>C12Q 1 /-</u>		2020336321			
	2020293389	2020344087	2020311828	<u>F03G 3 /-</u>	2019456730
2020283748	<u>C40B 30 /-</u>	2020451349			2020310533
2020289567			<u>E21B 41 /-</u>	2020301567	2020312171
2020301037	2020283748	<u>E04B 2 /-</u>			<u>F16L 39 /-</u>
2020302791	2020294772		2020299231	<u>F04D 13 /-</u>	
2020308906		2020451351	<u>E21B 43 /-</u>	2020299588	2020300634
2020309582	<u>C40B 40 /-</u>	<u>E04B 9 /-</u>			
2020311564			2020299231	<u>F04D 17 /-</u>	<u>F21S 19 /-</u>
2020315134	2020283748	2020291546	2020300450	2020288201	2020309298
2020325285	<u>C40B 50 /-</u>	<u>E04C 2 /-</u>	2020309495	<u>F04D 25 /-</u>	<u>F21S 4 /-</u>
<u>C12R 1 /-</u>			2020310860		
	2020309176	2020309099	<u>E21B 47 /-</u>	2020288201	2020293261
2019470409	<u>D06M 11 /-</u>	<u>E04F 11 /-</u>		<u>F04D 29 /-</u>	
<u>C13K 1 /-</u>			2020288450		<u>F21V 15 /-</u>
	2020302841	2020278407	2020310860	2020288201	2020293261
2020299165	<u>D21C 11 /-</u>	<u>E04G 21 /-</u>	<u>E21D 11 /-</u>	2020311884	
	2020287396	2020278407	2019450894		
		2020297662			

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<u>F22B 37 /-</u>	<u>F25B 49 /-</u>	<u>F28D 9 /-</u>	<u>G01N 1 /-</u>	<u>G01S 19 /-</u>	<u>G06F 11 /-</u>
2020313571	2020290459	2020297844	2020292349	2020300339	2019466416
<u>F23D 14 /-</u>	<u>F25B 5 /-</u>	<u>F28F 1 /-</u>	2020297611	<u>G01S 5 /-</u>	2020315354
2020307151	2020290459	2020297844	2020297612	2020300339	<u>G06F 13 /-</u>
<u>F23G 5 /-</u>	<u>F25B 6 /-</u>	<u>F28F 13 /-</u>	<u>G01N 15 /-</u>	<u>G01S 7 /-</u>	2019457225
2020307151	2020290459	2020297844	2020289549	2020290763	2020310454
<u>F23G 7 /-</u>	<u>F25B 9 /-</u>	<u>F28F 3 /-</u>	<u>G01N 17 /-</u>	2020292946	<u>G06F 15 /-</u>
2020307151	2020310617	2020297844	2020326763	2020293482	2020291554
<u>F23J 15 /-</u>	<u>F25D 11 /-</u>	<u>F28F 7 /-</u>	<u>G01N 21 /-</u>	2020320867	<u>G06F 16 /-</u>
2020313571	2020290459	2020297844	2019459344	<u>G01T 1 /-</u>	2020291554
<u>F23K 3 /-</u>	<u>F25D 19 /-</u>	<u>F41A 15 /-</u>	2020312756	2020362332	2020336104
2020313571	2020290459	2020317522	2020315279	<u>G01V 1 /-</u>	<u>G06F 17 /-</u>
<u>F23L 7 /-</u>	<u>F25D 21 /-</u>	<u>F41A 3 /-</u>	<u>G01N 27 /-</u>	2019447732	2020295282
2020292848	2020290459	2020317522	2020290351	2020293563	<u>G06F 21 /-</u>
<u>F24F 3 /-</u>	<u>F25D 29 /-</u>	2020335963	2020299949	<u>G01V 5 /-</u>	2019449346
2019451099	2020290459	<u>F41A 35 /-</u>	2020301835	2020298445	2019456622
<u>F24F 5 /-</u>	<u>F25D 31 /-</u>	2020335963	2020308974	<u>G01V 8 /-</u>	2020303560
2020293382	2020293382	<u>F41A 5 /-</u>	<u>G01N 29 /-</u>	2020306635	<u>G06F 3 /-</u>
<u>F24F 7 /-</u>	<u>F25J 1 /-</u>	2020317522	2020304939	<u>G01W 1 /-</u>	2020290464
2019456022	2020311435	<u>F41A 7 /-</u>	<u>G01N 33 /-</u>	2020299392	2020295282
2019456388	<u>F25J 3 /-</u>	2020317522	2019452639	2020301720	2020301646
<u>F24S 30 /-</u>	2020292848	<u>F42D 1 /-</u>	2020283748	<u>G02B 23 /-</u>	2020432487
2020289090	<u>F27B 14 /-</u>	2020328017	2020288361	2020312225	<u>G06F 8 /-</u>
<u>F25B 1 /-</u>	2020307151	<u>F42D 3 /-</u>	2020289567	<u>G02B 27 /-</u>	2019466416
2019456022	<u>F27B 3 /-</u>	2020328017	2020290999	2020300121	2020315655
2019456388	2020340981	<u>F42D 5 /-</u>	2020291162	2020301646	<u>G06K 19 /-</u>
<u>F25B 13 /-</u>	<u>F27D 21 /-</u>	2020331545	2020292349	2020312225	2020289549
2020310617	2020294540	<u>G01B 11 /-</u>	2020296185	2020411416	<u>G06K 9 /-</u>
<u>F25B 15 /-</u>	<u>F27D 99 /-</u>	2020294540	2020302791	<u>G02B 5 /-</u>	2020309601
2020293382	2020340981	<u>G01B 7 /-</u>	2020306782	2020302979	<u>G06N 10 /-</u>
<u>F25B 23 /-</u>	<u>F28D 1 /-</u>	2020288450	2020308004	2020315279	2020309601
2020310617	2020297844	<u>G01C 19 /-</u>	2020308906	2020320867	<u>G06N 3 /-</u>
<u>F25B 25 /-</u>	<u>F28D 15 /-</u>	2020312225	2020309802	2020333849	2019449346
2020290459	2020328306	<u>G01J 3 /-</u>	2020315834	<u>G02B 6 /-</u>	2019449346
<u>F25B 39 /-</u>	<u>F28D 20 /-</u>	2020320867	2020322588	2019456730	<u>G06N 99 /-</u>
2019456022	2020328306	<u>G01L 1 /-</u>	2020325285	2020310208	2020303560
<u>F25B 41 /-</u>	<u>F28D 7 /-</u>	2020312497	2020330717	2020310533	<u>G06Q 10 /-</u>
2020320527	2020297844	<u>G01M 17 /-</u>	2020344799	2020312171	2019466557
		2020318895	<u>G01N 35 /-</u>	<u>G05D 1 /-</u>	2020287152
			2020297612	2020306782	2020288371
			<u>G01R 29 /-</u>	<u>G05F 1 /-</u>	2020295936
			2020299392	2020308761	<u>G06Q 30 /-</u>
			<u>G01R 31 /-</u>	<u>G06F 1 /-</u>	2020300516
			2020366408	2019456388	2020336104
			<u>G01S 13 /-</u>		
			2020293201		
			<u>G01S 17 /-</u>		
			2020320867		

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<u>G06Q 40 /-</u>		<u>H01L 33 /-</u>	<u>H02J 7 /-</u>	<u>H04L 43 /-</u>	<u>H04R 5 /-</u>
2019459753	<u>G16H 20 /-</u>	2020293389	2021281698	2020309498	2020292295
	2020288436				
<u>G06Q 50 /-</u>	2020356506	<u>H01L 41 /-</u>	<u>H02K 1 /-</u>	<u>H04L 45 /-</u>	<u>H04W 12 /-</u>
2020287152	<u>G16H 40 /-</u>	2020323836	2020282371	2020282835	2020308337
2020288371		2020295936		2020283902	2020328355
2020293907	2020288436	<u>H01M 10 /-</u>	<u>H02K 21 /-</u>	2020287848	
2020295936		2020281311	2021281698	2020289026	<u>H04W 24 /-</u>
2020299301	<u>G16H 50 /-</u>	2020292388		2020290944	2019453585
2020306782	2020295282	2020295936	<u>H02K 7 /-</u>	2020308337	2020282835
	2020321943	2020316649		<u>H04L 47 /-</u>	2020283902
<u>G06T 11 /-</u>	2020356506	2020375429	2020288198		
2019449137	2020358452	2021202555		2020326739	<u>H04W 28 /-</u>
		2021231261	<u>H02M 1 /-</u>		
<u>G06V 10 /-</u>	<u>G16H 80 /-</u>	<u>H01M 4 /-</u>	2019454275	<u>H04L 61 /-</u>	2019453585
2020298452	2020321943		2019455704		<u>H04W 4 /-</u>
		2020281311		2019454205	
<u>G06V 30 /-</u>	<u>G21B 1 /-</u>	2020342541	<u>H02M 3 /-</u>	<u>H04L 65 /-</u>	2020293201
2020298452	2020294934	<u>H01M 50 /-</u>	2019455704	2021290317	2020328355
					2020335057
<u>G07C 9 /-</u>	<u>G21G 1 /-</u>	2020375429	<u>H02M 7 /-</u>	<u>H04L 67 /-</u>	<u>H04W 40 /-</u>
2020318390	2020297160	2021231261	2019454275	2020281477	2020282835
		2021231262	2020308761	2020289026	2020283902
<u>G08B 13 /-</u>	<u>G21G 4 /-</u>	<u>H01M 8 /-</u>	<u>H02P 3 /-</u>	2020315416	<u>H04W 52 /-</u>
2020293201	2020298961	2020296174	2021281698	<u>H04L 9 /-</u>	2019453585
				2020303560	2020340411
<u>G08B 21 /-</u>	<u>G21K 5 /-</u>	<u>H01Q 1 /-</u>	<u>H02P 6 /-</u>	<u>H04N 19 /-</u>	<u>H04W 72 /-</u>
2020296003	2020297160	2020302693	2021281698		
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	<u>H01B 3 /-</u>	2020326877	<u>H02P 9 /-</u>	2020308351	2019453585
<u>G08B 3 /-</u>	2020316649	<u>H01Q 21 /-</u>	2021281698	2020308366	2019468569
2020293201		2020302693		2020309663	2019468770
	<u>H01G 11 /-</u>	2020326877	<u>H02S 20 /-</u>	2020311841	2020277444
<u>G09B 19 /-</u>	2020290611	<u>H01Q 3 /-</u>	2020289090	2020311890	<u>H04W 76 /-</u>
2020310439	2020291058		2020336321	2020312053	2020328355
	2020292642	2020302693	<u>H02S 30 /-</u>	<u>H04N 21 /-</u>	
<u>G09B 23 /-</u>	2020308635	<u>H01Q 9 /-</u>	2020336321	2020336104	<u>H04W 84 /-</u>
2020358452		2020314720		<u>H04N 5 /-</u>	2020282835
	<u>H01L 21 /-</u>	2020326877	<u>H02S 50 /-</u>	2020312225	2020283902
<u>G09B 9 /-</u>	2020298452	<u>H01S 5 /-</u>	2020419988		<u>H05B 47 /-</u>
2020295282	2020318823	2020301239	<u>H04K 3 /-</u>	<u>H04N 7 /-</u>	2020293261
2020310439	2020364996	<u>H02H 3 /-</u>	2020300339	2020311890	
	2020375557			<u>H04N 9 /-</u>	<u>H05B 6 /-</u>
<u>G09G 3 /-</u>	<u>H01L 23 /-</u>	2019455851	<u>H04L 1 /-</u>	2020259509	2020298486
2021239165	2020318823	<u>H02H 7 /-</u>	2020335057		2020347405
		2019454275	<u>H04L 12 /-</u>	<u>H04R 1 /-</u>	
<u>G10K 11 /-</u>	<u>H01L 27 /-</u>	<u>H02J 13 /-</u>	2020289026	<u>H04R 17 /-</u>	
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2020292946			2019451182		
2020293482	<u>H01L 29 /-</u>	<u>H02J 3 /-</u>	2019454205	<u>H04R 29 /-</u>	
	2020293389		2020290944	2020323836	
<u>G10L 15 /-</u>	2020364996		2020308337		
2020290464	2020369833		2020309498		
	2020375557				
<u>G16B 30 /-</u>	<u>H01L 31 /-</u>				
2020290510	2020293389				
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<p>(71) 4C Medical Technologies, Inc. (11) AU-B-2020284237 (21) 2020284237 (22) 21.05.2020 (54) Devices, systems and methods for collapsible and expandable implant loading, transseptal delivery, positioning deployment and repositioning deployment (51) Int. Cl. A61F 2/24 (2006.01) A61F 2/82 (2013.01) A61F 2/86 (2013.01) (87) WO2020/242866 (31) 62/854,584 (32) 30.05.19 (33) US 16/877,887 19.05.20 US (43) 03.12.2020 (44) 03.02.2022 (72) DIEDERING, Jason S.; KHOUENGB-OUA, Sounthara; KUMAR, Saravana B. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Advanced New Technologies Co., Ltd. (11) AU-B-2019232751 (21) 2019232751 (22) 05.03.2019 (54) Consensus verification method, apparatus, and device (51) Int. Cl. G06Q 20/40 (2012.01) (87) WO2019/173395 (31) 201810196464.2 (32) 09.03.18 (33) CN (43) 12.09.2019 (44) 03.02.2022 (72) YANG, Xinying (74) Spruson & Ferguson</p>	<p>(71) Agnetix, Inc. (11) AU-B-2018321981 (21) 2018321981 (22) 27.08.2018 (54) Fluid-cooled LED-based lighting methods and apparatus for controlled environment agriculture (51) Int. Cl. F21V 29/51 (2015.01) F21V 29/50 (2015.01) F21V 29/56 (2015.01) H02K 9/00 (2006.01) (87) WO2019/040944 (31) 62/550,379 (32) 25.08.17 (33) US 62/635,499 26.02.18 US (43) 28.02.2019 (44) 03.02.2022 (72) LYS, Ihor; MADERAS, Nicholas (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd</p>
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G06F 3/0481 (2013.01)
H04M 1/2745 (2006.01)
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H04N 1/00 (2006.01)
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A61P 15/00 (2006.01)
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A61P 35/00 (2006.01)
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G06T 7/30 (2017.01)
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A61K 47/20 (2006.01)
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(43) 25.07.2019
(44) 03.02.2022
(72) SHA, Xiubin; DAI, Bo; LU, Ting; LIU, Xu
(74) Spruson & Ferguson

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2015289658	Pioneer Hi-Bred International, Inc.	2017210034	Indiana University Research and Technology Corporation
2015318017	Illumina, Inc.		
2015330844	Cornell University	2017213043	Vesuvius Group, SA
2015334841	Koninklijke Philips N.V.	2017215182	Medos International Sàrl
2015349725	Research Institute at Nationwide Children's Hospital	2017217209	Luxembourg Institute of Science and Technology (LIST)
2015370125	Codexis, Inc.	2017217702	Willow Innovations, Inc.
2015410274	Prysmian S.p.A.; Politecnico Di Milano	2017218018	Holland, L.P.; Titanova, Inc.
2015416289	Kimberly-Clark Worldwide, Inc.	2017218708	Innoventric Ltd.
2015417853	Razer (Asia-Pacific) Pte. Ltd.	2017220657	TOMRA Systems ASA
2015419247	Kimberly-Clark Worldwide, Inc.	2017223602	InnovaSea Systems, Inc.
2016235388	Children's National Medical Center	2017223969	Automatic Bar Controls, Inc.
2016235434	Syndax Pharmaceuticals, Inc.	2017228462	Transocean Innovation Labs Ltd
2016239683	Novimmune SA	2017230974	NLS-1 Pharma AG
2016243750	Propagenix Inc.	2017233553	Curtin University
2016250188	Vanderbilt University	2017235369	Koninklijke Philips N.V.
2016266708	MorphoSys AG	2017235912	ALSTOM Transport Technologies
2016268526	Cannabics Pharmaceuticals Inc.; Ballan, E.	2017238638	Foghorn Systems, Inc.
2016276771	Applied Medical Resources Corporation	2017239168	University of South Australia
2016289525	Dispensing Technologies B.V.	2017240831	Flex Operating Room, LLC
2016291726	Applied Medical Resources Corporation	2017241777	ULTRAGENYX PHARMACEUTICAL INC.
2016295623	STAT-Diagnostica & Innovation, S.L.	2017248586	Festool GmbH
2016305571	CGG Services SAS	2017248837	Thrombolex, Inc.; Temple University-of The Commonwealth System of Higher Education
2016308641	Ocera Therapeutics, Inc.		
2016312971	Pump Pal Pty Ltd	2017249349	Nitro Snowboards
2016316448	Semadeni, M.	2017251462	Evolva SA
2016325252	WestRock Packaging Systems, LLC	2017251980	Physiol S.A.
2016330394	Merctech Pty Ltd	2017252508	Skyscanner Limited
2016333486	Ever Neuro Pharma GmbH	2017255446	Dow Global Technologies LLC
2016338192	Baek, J.Y.	2017257665	Smiths Medical ASD, Inc.
2016341186	La Marzocco S.r.l.	2017258311	Vanderbilt University
2016343293	SYSTEMS Pty Ltd	2017258596	Qualcomm Incorporated
2016344156	Iconex LLC	2017259048	Perfetti Van Melle S.p.A.
2016346630	Pioneer Hi-Bred International, Inc.	2017265254	Coloreel Group AB
2016348752	Trydel Research Pty Ltd	2017267066	GEA Mechanical Equipment GmbH
2016355279	The LoveSac Company	2017272502	Sanofi-Aventis Deutschland GmbH
2016356708	Memorial Sloan Kettering Cancer Center	2017274570	Vidi Pty Ltd
2016356782	Four Strong Corporation	2017281328	Arla Foods AmbA
2016363118	The University of Sydney	2017281659	Centre National de la Recherche Scientifique (CNRS); Universite de Montpellier; Ecole Nationale Supérieure de Chimie de Montpellier - ENSCM
2016367412	Luigi Lavazza S.p.A.		
2016371459	SkySign Tech Ltd.	2017288458	Robert Bosch GmbH
2016374107	BP Corporation North America Inc.	2017289712	AM Technology Limited
2016375021	CureVac AG	2017293657	KINALTEK PTY. LTD.
2016384267	NeRRe Therapeutics Limited	2017293925	Howard Hughes Medical Institute
2016385441	Xevo Inc.	2017295412	Novozymes A/S
2016391075	Entellus Medical, Inc.	2017295458	Devico As
2016391769	Schreder	2017295643	Qualcomm Incorporated
2016397306	Omnibrx Biotechnologies Private Limited	2017299458	Scientia Vascular, LLC
2016398446	HBC Holding Company, LLC	2017300384	Nuvasive Specialized Orthopedics, Inc.
2016401484	Monatomics Technology	2017301074	Lumus LTD
2016405297	AMO Development, LLC	2017306526	Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek TNO
2016409899	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.		
2016409916	Rodicut Industry, S.A.U.	2017307363	Alcon Inc.
2016427037	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2017310423	Celgene Quanticel Research, Inc.
		2017313749	Qualcomm Incorporated
2016431367	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2017321118	Arthrex, Inc.
2016432572	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2017321310	Qualcomm Incorporated
		2017322702	Ecolab USA Inc.
2016433012	Chongqing Hylon Co., Ltd.	2017324821	Karl Leibinger Medizintechnik GmbH & Co. KG
2017200308	The Boeing Company	2017327954	Beijing Innocare Pharma Tech Co., Ltd.
2017200939	The Boeing Company	2017328477	Somero Enterprises, Inc.
2017201557	Joy Global Surface Mining Inc	2017329775	Hilti Aktiengesellschaft
2017202129	Woodside Energy Technologies Pty Ltd	2017330155	SK Innovation Co., Ltd.
2017203635	Rotam Agrochem International Company Limited	2017332030	Magic Leap, Inc.
2017204190	Seminis Vegetable Seeds, Inc.	2017334367	Qualcomm Incorporated
2017208699	Fisher & Paykel Healthcare Limited	2017336670	Qualcomm Incorporated
		2017340656	Boehringer Ingelheim Vetmedica GmbH

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2017351688	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft; The Broad Institute, Inc.; President and Fellows of Harvard College; The General Hospital Corporation	2018324086	Alarm.com Incorporated
2017351759	Pasch, C.	2018326611	SharkNinja Operating LLC
2017356713	Samsung Electronics Co., Ltd.	2018335932	LG Electronics Inc.
2017359561	Cancer Research Technology Limited	2018337095	Lee, S.; Li, C.
2017360015	O'Rourke, H.	2018341734	Kobiolabs, Inc.
2017360484	Trace Eye-D, LLC	2018341840	Raytheon Company
2017361061	Magic Leap, Inc.	2018345147	Simount Inc.
2017363528	Crown Equipment Corporation	2018347405	Greenlight Biosciences, Inc.
2017367795	Molecular Imprints, Inc.	2018356200	Südwolle GmbH & Co. KG
2017371348	CELLTAXIS, LLC	2018366901	Radiometer Medical ApS
2017371353	CELLTAXIS, LLC	2018368359	Purple Innovation, LLC
2017371542	Ecolab USA Inc	2018370144	AiVita Biomedical, Inc.
2017373944	Agenus Inc.; Ludwig Institute for Cancer Research Ltd; Memorial Sloan Kettering Cancer Center	2018371606	STEMDR INC.; Industrial Cooperation Foundation Chonbuk National University; Korea Research Institute of Chemical Technology
2017380603	University of Otago	2018378395	Asclepius (Suzhou) Technology Company Group Co., Ltd.
2017381502	Suntory Holdings Limited	2018379154	Welltec Oilfield Solutions AG
2017388131	LifeArc	2018380882	Shell Internationale Research Maatschappij B.V.
2017391784	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2018386565	WBV Weisenburger Bau+Verwaltung GmbH
2017391798	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2018387446	Hagleitner, H.
2017392491	Razer (Asia-Pacific) Pte. Ltd.	2018392452	Wing Aviation LLC
2017400807	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018396877	Innovent Biologics (Suzhou) Co., Ltd.
2017403652	Guangdong OPPO Mobile Telecommunications Corp., Ltd.	2018402576	ZTE Corporation
2017429630	Google LLC	2018403182	Electronic Caregiver, Inc.
2017438902	Huawei Technologies Co., Ltd.	2018405869	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
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2018201115	The Boeing Company	2018412569	AqueSys, Inc.
2018201864	Eaton Intelligent Power Limited	2018420063	UMAR, S.
2018203248	Warsaw Orthopedic, Inc.	2018420448	Essity Hygiene and Health Aktiebolag
2018204910	VIAVI Solutions Inc.	2018421233	Guangzhou Bright Medical Technology Co., Ltd.
2018210232	Physio-Control, Inc.	2018421234	Guangzhou Bright Medical Technology Co., Ltd.
2018212647	Turning Point Therapeutics, Inc.	2018427766	Essity Hygiene and Health Aktiebolag
2018213549	I-Mab Biopharma US Limited	2018428823	VANDERBEKEN, Cedric Jean-Luc
2018214451	Meat & Livestock Australia Limited; The State of Queensland; United States of America, as Represented by the Secretary of Agriculture	2018449171	Nokia Technologies Oy
2018214495	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019204437	Canon Kabushiki Kaisha
2018214780	Kake Educational Institution Okayama University of Science; Japan Medical Device Technology Co., Ltd.	2019204998	Cleveron AS
2018215981	Sony Corporation	2019205318	Impel NeuroPharma, Inc.
2018219370	Hollister Incorporated	2019208243	Memorial Sloan-Kettering Cancer Center
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2018224010	Raytheon Company	2019214185	Huawei Technologies Co., Ltd.
2018225179	DSG Technology Holdings Ltd.	2019214561	3M Innovative Properties Company
2018225373	Boehringer Ingelheim International GmbH	2019222928	QIAGEN Australia Holding Pty. Ltd.
2018225486	Hollister Incorporated	2019223435	Telefonaktiebolaget LM Ericsson (publ)
2018228716	Champion Link International Corporation	2019230224	MU Mecanicos Unidos S.A.S
2018230521	Embera Neurotherapeutics, Inc.	2019231464	FarmHannong Co., Ltd.
2018235930	Raytheon Company	2019232751	Advanced New Technologies Co., Ltd.
2018236781	Board of Regents, The University of Texas System	2019233204	Fochon Pharmaceuticals, Ltd.; Shanghai Fochon Pharmaceutical Co., Ltd.
2018237331	Gen-Probe Incorporated	2019233666	Rockwell Collins Deutschland GmbH
2018269666	Idorsia Pharmaceuticals Ltd	2019234110	Identy Inc.
2018269667	Idorsia Pharmaceuticals Ltd	2019235551	Ratti, J.
2018278678	Cyano Biotech GmbH	2019235842	Surface Oncology, Inc.
2018286565	Zhang, Y.	2019236645	NED Biosystems, Inc.
2018288030	Sichuan Baili Pharm Co.Ltd	2019236694	SNIPR Technologies Limited
2018290634	Cha Biotech Co., Ltd.	2019238800	SEW-EURODRIVE GmbH & Co. KG
2018291553	ScinoPharm Taiwan, Ltd.	2019246758	Crew Mouldings Limited
2018291688	Janssen Pharmaceutica NV	2019251158	Huawei Technologies Co., Ltd.
2018293281	CJ Cheiljedang Corporation	2019259501	Biocompatibles UK Limited
2018308038	Yuhan Corporation	2019265367	Apple Inc.
2018309599	Fanplayr Inc.	2019266045	Apple Inc.
2018320102	Lenus Lab	2019266127	Citrix Systems, Inc.
		2019266800	Huawei Technologies Co., Ltd.
		2019270870	Shanghai Jingxun Infotech Co., Ltd.
		2019271898	The General Hospital Corporation; AZTherapies, Inc.
		2019275639	Fisher & Paykel Healthcare Limited
		2019279573	Wright Medical Technology, Inc.
		2019281026	Leibniz-Institut für Verbundwerkstoffe GmbH

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2019283953	Depuy Mitek, LLC	2020210186	Anuncia, Inc
2019284022	Extrude to Fill, Inc.	2020210262	Apple Inc.
2019287467	The Procter & Gamble Company	2020210302	Echowell Electronic Co., Ltd.
2019289700	Top Cap Holding GmbH	2020210921	Aeovian Pharmaceuticals, Inc.
2019290400	CONMED Corporation	2020213275	The Gillette Company LLC
2019290478	Energizer Brands, LLC	2020215507	Citrix Systems, Inc.
2019293254	PayPal, Inc.	2020216787	Cellar Door Media, LLC DBA Lockr
2019294342	Citrix Systems, Inc.	2020217365	PAVMed Inc.
2019295740	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2020220035	Plithos Renewables Pty Ltd
2019297321	Ayuviv Research, Inc.	2020223753	Huazhong University of Science and Technology
2019304069	Neste Oyj	2020227069	MX Technologies Inc.
2019320032	Daikin Industries, Ltd.	2020233778	Ecolab USA Inc.
2019323768	Trombi, V.	2020236525	Taro Pharmaceutical Industries Ltd.
2019326520	Lumia Group, LLC	2020244393	Huawei Technologies Co., Ltd.
2019327700	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.	2020244406	Apple Inc.
2019330308	Zhou, Z.	2020245116	Airbus Defence and Space SAS
2019339973	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2020250196	Axsome Therapeutics, Inc.
2019345929	Novaliq GmbH	2020250197	Pulnova Medical (Wuxi) Co., Ltd.
2019350122	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2020250224	Civitas Therapeutics, Inc.
2019351889	HOWMEDICA OSTEONICS CORP.	2020250291	ENDO GI MEDICAL LTD.
2019358874	Commonwealth Scientific and Industrial Research Organisation	2020253485	Schneider, D.
2019360254	Warby Parker Inc.	2020257025	Nevro Corporation
2019365396	Zanoprma Lifesciences Limited	2020257062	Magic Leap, Inc.
2019370094	Nantkwest, Inc.	2020257098	Bombardier Transportation GmbH
2019370097	Google LLC	2020260419	LANDA LABS (2012) LTD
2019379953	Alipay (Hangzhou) Information Technology Co., Ltd.	2020267144	L'Air Liquide, Société Anonyme pour l'Etude et l'Exploitation des Procédés Georges Claude
2019382333	Komatsu Ltd.	2020267298	Apple Inc.
2019390444	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.	2020268861	OXFORD BIODYNAMICS PLC
2019409137	Mangrove Water Technologies Ltd.	2020270478	United States Mineral Products Company
2019411710	Magdy Zareef Zaki, R.	2020273348	Dansons US, LLC
2019422008	Intuit Inc.	2020277167	Qu, H.
2019424265	Wuyi University	2020277176	Zhejiang Jinko Solar Co.,Ltd.; JINKO SOLAR CO., LTD.
2019437422	Wacker Chemie AG	2020278675	Just-Evotec Biologics, Inc.
2019449030	China University of Mining and Technology, Beijing	2020279908	Octal SAOC FCZ, Sultanate of Oman
2019457443	Synergia Medical	2020284237	4C Medical Technologies, Inc.
2020200120	LG Electronics Inc.	2020286325	The Board of Trustees of the Leland Stanford Junior University
2020200497	Regeneron Pharmaceuticals, Inc.	2020289853	SenseTime International Pte. Ltd.
2020200769	eBet Gaming Systems	2020294262	LG Electronics Inc.
2020201059	Hope Medical Enterprise, Inc. d.b.a. Hope Pharmaceuticals	2020294300	Bionime Corporation; Bionime USA Corporation
2020201204	MILWAUKEE ELECTRIC TOOL CORPORATION	2020294313	NTT DOCOMO, INC.
2020201215	Profile Products L.L.C.	2020297983	Raytheon Company
2020201314	Vertex Pharmaceuticals Incorporated	2020303367	Aquarius Engines Central Europe Sp. z o.o.
2020201602	Yeda Research and Development Co. Ltd.	2020307540	Citrix Systems, Inc.
2020201916	Roche Glycart AG	2020323594	Incarda Therapeutics, Inc.
2020201972	Snap-on Incorporated	2020323958	The Chinese University of Hong Kong
2020201989	Progressive Sterilization, LLC	2020328701	China University of Mining and Technology
2020202116	Boston Scientific Neuromodulation Corporation	2020331567	Commonwealth Scientific and Industrial Research Organisation
2020202460	Allflex Australia Pty Limited	2020353686	Versatile Natures Ltd.
2020202808	Sony Corporation	2020371331	Shibata, K.; JRTech Co. Ltd.; Best Alliance Co., Ltd.
2020202811	Channell Commercial Corporation	2021200128	Google LLC
2020202828	Sloan-Kettering Institute for Cancer Research	2021200223	Philip Morris Products S.A.
2020203161	Snap-on Incorporated	2021200705	Spraying Systems Co.
2020203209	Sumitomo Metal Mining Co., Ltd.	2021200886	Opex Corporation
2020203726	Huawei Technologies Co., Ltd.	2021201067	Ab Initio Technology LLC
2020203902	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2021201782	TrackX Technology, LLC
2020204199	Relocks Co., Ltd	2021202246	Baxter Healthcare SA; Baxter International Inc
2020204418	F. Hoffmann-La Roche AG	2021202429	Komatsu Ltd.
2020204426	Takeda Pharmaceutical Company Limited	2021203401	NuVasive, Inc.
2020204498	Welltec Oilfield Solutions AG	2021203749	PHYTOPLANT RESEARCH S.L
2020204568	Immatics Biotechnologies GmbH	2021209322	Juul Labs, Inc.
2020204639	XSOLENT Energy Technologies, LLC	2021245130	Mundipharma Pty. Limited
2020205344	GuangDong TopNice New Materials Technology CO., LTD.	2021266232	Pfizer Inc.
		2021268717	Swisspearl Group AG
		2021269448	Surface Oncology, Inc.
		2021273573	Theobald, K.

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2019214561	2019214561	2018420063	2018421234	2017380603	2016401484
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		2019290400	2018412569	2019208892	2019205318
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Certified Innovation Patents**Name Index**

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

-
- (71) Halter USA INC.
(11) AU-B-2021104227
(21) 2021104227 (22) 16.07.2021
(54) APPARATUS FOR LOCATIONAL CONTROL OF ANIMAL VOIDING AND METHOD THEREFOR
(51) Int. Cl.
A01K 15/02 (2006.01)
A01K 11/00 (2006.01)
A01K 27/00 (2006.01)
A01K 29/00 (2006.01)
(45) 03.02.2022
(72) Hearn, Daniel; Crowhurst, Steve
(74) Origin Patent and Trade Mark Attorneys

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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2018201634 **ESCO Group LLC** (CQMS PTY LTD)
 2020102918 **Polaris IP Pty Ltd** (TCT Group Pty Ltd)

Patents Granted

Standard Patents

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 2019350918 2019356977 2019375583 2019393789
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 2020200038 2020200161 2020200227 2020200239
 2020200290 2020200410 2020200461 2020200525
 2020200554 2020201060 2020201086 2020201123
 2020201634 2020201888 2020202818 2020203032
 2020203120 2020203154 2020203268 2020204121
 2020204613 2020207834 2020210126 2020213272
 2020213417 2020217342 2020217445 2020220154
 2020221009 2020232838 2020233715 2020256316
 2020260426 2020260467 2020267208 2020277089
 2020286174 2020301716 2020317060 2020387734
 2021201375 2021201617 2021206855 2021209041
 2021209290 2021211976 2021218149

Innovation Patents

2019101809 2021102022 2021102694 2021102720
 2021102976 2021103019 2021104019 2021104513
 2021104516 2021104581 2021104766 2021105499
 2021105620 2021105736 2021105845 2021105852
 2021105853 2021106222 2021106229 2021106380
 2021107004 2021107068 2021107092 2021107234
 2021107254 2021107540 2021107649 2021107651
 2021107655 2022100001

Assignments Registered

2004313395 Pole Foundations Finance Pty Ltd The patent has been assigned to **Pole Foundations Technology Pty Ltd**

2004315532 PerPETual Global Technologies Limited The patent has been assigned to **perPETual Technologies GmbH**

2005229411 Universite Paris Sud XI; Centre National De La Recherche Scientifique; Institut Gustave Roussy The patent has been assigned to **Universite Paris-Saclay; Centre National De La Recherche Scientifique; Institut Gustave Roussy**

2005274324 Universite Paris Sud XI; Centre National De La Recherche Scientifique; Institut Gustave Roussy The patent has been assigned to **Institut Gustave Roussy; Centre National De La Recherche Scientifique; Universite Paris-Saclay**

2005299242 Pole Foundations Finance Pty Ltd The patent has been assigned to **Pole Foundations Technology Pty Ltd**

2006226411 Ferrer Internacional, S. A. The patent has been assigned to **Roka Furadada, S.L.**

2007261880 Kim, Young-Ki The patent has been assigned to **Hur-om Co., Ltd**

2008246273 Comalco International Pty Ltd The patent has been assigned to **LIDCO HOLDINGS PTY LTD**

2008310898 MMV Medicines for Malaria Venture The patent has been assigned to **National Science and Technology Development Agency acting through National Center for Genetic Engineering and Biotechnology**

2008349133 South China University of Technology The patent has been assigned to **Siico Technology Co., Ltd.**

2009209933 FUJIFILM Business Innovation Corp. The patent has been assigned to **Tokyo Keiki Inc.**

Assignments Registered

- 2009237868 Söll GmbH The patent has been assigned to **OASE GmbH**
- 2010261818 Söll GmbH The patent has been assigned to **OASE GmbH**
- 2010302350 Foamix Pharmaceuticals Ltd. The patent has been assigned to **Vyne Pharmaceuticals Inc.**
- 2010305776 Interquim, S.A. The patent has been assigned to **Roka Furadada, S.L.**
- 2011223044 Reculiner Bvba The patent has been assigned to **Labelmakers Group Pty Ltd**
- 2011233977 Bercovich, Eyal; Gynamics Women's Health Ltd.; Raveh, Ronen The patent has been assigned to **Gynamics Women's Health Ltd.**
- 2011282614 Veridex, LLC The patent has been assigned to **Janssen Pharmaceutica NV**
- 2011320408 Xiamen Xin Ande Mining Technology Co. Ltd The patent has been assigned to **Jiangsu Dafeng Xinande Mining Co., Ltd.**
- 2012101797 BLUE GENTIAN, LLC The patent has been assigned to **Telebrands Corp.**
- 2012101799 BLUE GENTIAN, LLC The patent has been assigned to **Telebrands Corp.**
- 2012214277 BLUE GENTIAN, LLC The patent has been assigned to **Telebrands Corp.**
- 2012268272 Cellerix, S.L. The patent has been assigned to **Ti-genix, S.A.U.; Consejo Superior de Investigaciones Cientificas**
- 2012350258 Universite Paris-Sud XI; Institut Gustave Roussy; Centre National de la Recherche Scientifique; Viroxis S.A.S. The patent has been assigned to **Universite Paris-Saclay; Institut Gustave Roussy; Viroxis S.A.S.; Centre National de la Recherche Scientifique**
- 2013100354 BLUE GENTIAN, LLC The patent has been assigned to **Telebrands Corp.**
- 2013100379 BLUE GENTIAN, LLC The patent has been assigned to **Telebrands Corp.**
- 2013237827 Stealth Peptides International, Inc. The patent has been assigned to **Stealth Biotherapeutics Inc.**
- 2013260029 Bono, Peter The patent has been assigned to **Capstone Surgical Technologies, LLC**
- 2013296493 Stealth Peptides International, Inc. The patent has been assigned to **Stealth Biotherapeutics Inc.**
- 2013296494 Stealth Peptides International, Inc. The patent has been assigned to **Stealth Biotherapeutics Inc.**
- 2014222454 Kamad Knowledge Solutions SL The patent has been assigned to **Sustainable Agro Solutions, SA**
- 2015224534 Foamix Pharmaceuticals Ltd. The patent has been assigned to **Vyne Pharmaceuticals Inc.**
- 2015263252 Interquim, S.A. The patent has been assigned to **Roka Furadada, S.L.**
- 2016201250 VERIDEX, LLC The patent has been assigned to **Janssen Pharmaceutica NV**

Assignments Registered

- 2016408342 Boral IP Holdings (Australia) Pty Limited The patent has been assigned to **Boral Resources LLC**
- 2017100423 WesTrac Pty Ltd The patent has been assigned to **Warrah Engineering Pty Ltd**
- 2017265013 Stealth Peptides International, Inc. The patent has been assigned to **Stealth Biotherapeutics Inc.**
- 2018241132 VERIDEX, LLC The patent has been assigned to **Janssen Pharmaceutica NV**
- 2018250414 Shandong Efirm Biochemistry and Environmental Protection Co., Ltd. The patent has been assigned to **Efirm New Material Co., Ltd**
- 2018253517 CELLERIX, S.L. The patent has been assigned to **Ti-genix, S.A.U.; Consejo Superior de Investigaciones Cientificas**
- 2020103811 Wang, Jian The patent has been assigned to **Shandong Kuaimai Electronic Technology Co., Ltd.**
- 2021104700 SWEAT1000 Pty Ltd The patent has been assigned to **S Bell Training Pty Limited**

Licences Registered - Section 187, Reg. 19

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

- 2012214277 BLUE GENTIAN, LLC (Hozelock Group Limited)
- 2014204434 Tuson RV Brakes, LLC (Tuson Australia Pty Ltd)
- 2016204948 Tuson RV Brakes, LLC (Tuson Australia Pty Ltd)

Mortgages Registered - Section 187, Reg. 19

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

- 2011206400 CRISP SENSATION HOLDING S.A. (Wivabe Holding B.V.)
- 2011206402 CRISP SENSATION HOLDING S.A. (Wivabe Holding B.V.)
- 2012210700 CRISP SENSATION HOLDING S.A. (Wivabe Holding B.V.)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

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

- 2005223736 **ViiV Healthcare UK (No. 4) Limited**

The earliest first regulatory approval date provided by the patentee 14 Jul 2021

For the goods RUKOBIA fostemsavir (as trometamol)

Extension of Term of patent pursuant to Section 77 expires on 03 Mar 2030

Corrigenda

In Vol 31 , No 38 , Page(s) 5582 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Fundacio Institute d'Investigacio Biomedica de Bellvitge (ID-IBELL); Institut Català d'Oncologia (ICO), Application No. 2016231086, under INID (71) correct the co-applicant name to Fundacio Institut d'Investigacio Biomedica de Bellvitge (IDIBELL)

Corrigenda

In Vol 35 , No 32 , Page(s) 6583 under the heading **Applications Accepted - Name Index** Under the name Fundacio Institute d'Investigacio Biomedica de Bellvitge (IDIBELL); Institut Català d'Oncologia (ICO), Application No. 2016231086, under INID (71) correct the co-applicant name to Fundacio Institut d'Investigacio Biomedica de Bellvitge (IDIBELL)

In Vol 36 , No 3 , Page(s) 317 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Hager Biosciences, LLC, Application No. 2020288559, under INID (72) correct the co-inventor to MEKONNEN, Belew

In Vol 36 , No 4 , Page(s) 460 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name National Research Council Of Canada [CA/CA], Application No. 2020311062, under INID (71) correct the applicant name to National Research Council of Canada

Specifications Republished

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

2020204524 **Biokine Therapeutics Ltd**
2020239774 **Apple Inc.**