



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
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Editorial enquiries

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

EnviroLogix Inc v Ionian Technologies, Inc. [2021] APO 44

Patent Application: 2015202439

Title: Nicking and extension amplification reaction for the exponential amplification of nucleic acids

Patent Applicant: Ionian Technologies, Inc.

Opponent: EnviroLogix Inc

Delegate: Felix White

Decision Date: 9 November 2021

Hearing Date: 18 August 2021, by videoconference

Catchwords: **PATENTS** – Final Determination – claims as amended correspond to principle of general application as recognised in opposition decision – application to proceed to grant.

Representation: Counsel for the applicant: Mr Craig Smith
Patent attorney for the applicant: Dr Adam Denley, FPA Patent Attorneys
Counsel for the opponent: Mr Greg Arthur
Patent attorney for the opponent: Dr Caryn DeHoratius, Southern Cross Intellectual Property

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 2 Nov 2021 .

(71) 1414 Degrees Limited (21) 2021903544 (22) 05.11.2021 (54) COMPOSITE THERMAL MEMBER AND METHOD FOR FORMING SAME	(71) Australian Conveyor Components Pty Ltd (21) 2021903516 (22) 03.11.2021 (54) Conveyor belt cleaning apparatus	(71) Care Strategic D.I.R. Holdings Pty. Ltd. (21) 2021903505 (22) 03.11.2021 (54) Isolation room apparatus
(71) AEON Metals Limited; Hydromet WA Pty Limited (21) 2021903548 (22) 05.11.2021 (54) METHOD FOR THE PREFERENTIAL LEACH OF VALUE METALS FROM SULPHIDE CONCENTRATES	(71) barnes, d. (21) 2021903475 (22) 30.10.2021 (54) Gap Finger Helper	(71) CE ITS Holdings Pty Ltd (21) 2021903533 (22) 04.11.2021 (54) Tunnel gantry
(71) AllThingsEncrypted Pty Limited (21) 2021903531 (22) 04.11.2021 (54) Improved block cipher system and method	(71) BECAUSEICAN PTY LIMITED (21) 2021903541 (22) 05.11.2021 (54) Momentum Decelerator	(71) Cellumar Biotech Pty Ltd; Flinders University of South Australia (21) 2021903484 (22) 01.11.2021 (54) METHODS AND COMPOSITIONS FOR TREATING SKIN
(71) Ang, K. (21) 2021903555 (22) 07.11.2021 (54) Yoga mat carrier	(71) BHMPC Investments Pty Ltd (21) 2021903501 (22) 02.11.2021 (54) Process for separating iron-bearing impurities from a host matrix	(71) CNS Aerospace Pty Limited (21) 2021903496 (22) 02.11.2021 (54) Life Support Tele-Robot
(71) Animal Control Technologies (Australia) Pty Ltd (21) 2021903470 (22) 29.10.2021 (54) Irradiation of grain or seeds	(71) Blakeman, J. (21) 2021903510 (22) 03.11.2021 (54) APPARATUS AND METHOD OF TREATING THE INTERNAL SURFACES OF A TIMBER BARREL WITH AN ABRASIVE	(71) Coates Hire Operations Pty Ltd (21) 2021903551 (22) 05.11.2021 (54) A TILT PROP, A TILT PROP FOOT AND TILT PROP COMPONENTS
(71) Aquila Black Limited (21) 2021903468 (22) 29.10.2021 (54) Water Dispersible Botanical Compositions	(71) Brencol Pty Ltd (21) 2021903469 (22) 29.10.2021 (54) DYNAMICALLY REFERENCED DOCUMENT GENERATION	(71) Coglitore, C. (21) 2021903473 (22) 30.10.2021 (54) SELF BREAST EXAMINATION MEDICAL DEVICE
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2021903480 (22) 01.11.2021 (54) Potash Fertilisers and Mineral-Based Compositions	(71) Building Solutions Pty Ltd (21) 2021903491 (22) 01.11.2021 (54) Building Material	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021903529 (22) 04.11.2021 (54) Object Recognition
(71) Atkinson, T. (21) 2021903449 (22) 28.10.2021 (54) Midi controller for saving multiple parameters of multiple vst's with grouping and vst file browsing on controller	(71) Campbell, J. (21) 2021903514 (22) 03.11.2021 (54) IMPROVED CONCRETE TANK	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021903546 (22) 05.11.2021 (54) Modified cereal grain
		(71) CRPS Solutions Pty Ltd (21) 2021903518 (22) 03.11.2021 (54) SYSTEM AND METHOD FOR STIMULATING GLIA OF SPINAL CORD

Provisional Applications Filed - Name Index cont'd

(71) Digital Dealership Pty Ltd
 (21) 2021903561 (22) 08.11.2021
 (54) Systems and methods for facilitating digital transactions

(71) Dodge, S.
 (21) 2021903528 (22) 04.11.2021
 (54) A demountable vehicular swingset

(71) Emblin, A.
 (21) 2021903540 (22) 05.11.2021
 (54) Formwork system

(71) EpiAxis Therapeutics Pty Ltd
 (21) 2021903498 (22) 02.11.2021
 (54) Proteinaceous Molecules and Uses Therefor

(71) Everblue Pty Ltd
 (21) 2021903512 (22) 03.11.2021
 (54) A SCAFFOLDING SECURITY APPARATUS

Flinders University of South Australia see Cellumar Biotech Pty Ltd
 (21) 2021903484

(71) FST INNOVATION PTY LTD
 (21) 2021903552 (22) 05.11.2021
 (54) VALVE AND VALVE MONITOR

(71) Gehrig, A.
 (21) 2021903538 (22) 05.11.2021
 (54) Hairdressing tool and method of using same

(71) Global Boss International Pty Ltd
 (21) 2021903481 (22) 01.11.2021
 (54) Apparatus/process for producing liquid fertiliser

(71) Gomez, R.
 (21) 2021903458 (22) 28.10.2021
 (54) Dry Electrolytic Storage of Hydrogen and Oxygen

(71) Gommers, B.
 (21) 2021903524 (22) 04.11.2021
 (54) Vertebral Motion Imaging

(71) Grant, D.; White, A.
 (21) 2021903509 (22) 03.11.2021
 (54) SYSTEM AND METHOD FOR EXPENDITURE AUTHORISATION AND RECORDAL

(71) Heffernan, P.
 (21) 2021903471 (22) 29.10.2021
 (54) A COMPUTATIONAL DEVICE AND A METHOD FOR RECONFIGURING A GRAPHICAL USER INTERFACE.

Hydromet WA Pty Limited see AEON Metals Limited
 (21) 2021903548

(71) IgniteBoards Pty Ltd
 (21) 2021903519 (22) 03.11.2021
 (54) Jet systems for a water sport apparatus

(71) IgniteBoards Pty Ltd
 (21) 2021903520 (22) 03.11.2021
 (54) Water sport apparatus, control systems and methods

(71) Innovative Products Pty Ltd
 (21) 2021903537 (22) 05.11.2021
 (54) CONDUIT INSERT AND THE MANUFACTURE AND USE THEREOF

(71) INNOVENTIVE SOLUTIONS PTY LTD
 (21) 2021903525 (22) 04.11.2021
 (54) UMBRELLA

(71) Inova Medical Pty Ltd
 (21) 2021903549 (22) 05.11.2021
 (54) A fluid collection drainage system

(71) Iphix Down Under Pty Ltd
 (21) 2021903554 (22) 07.11.2021
 (54) UNIVERSAL TEMPLATES FOR BUSINESS DATA ANALYSIS

(71) James Hardie Technology Limited
 (21) 2021903483 (22) 01.11.2021
 (54) Building Trim System

(71) Jayamaha, V.
 (21) 2021903474 (22) 30.10.2021
 (54) Process for making dual-value Non Fungible Tokens with a locked-in crypto token of some value

(71) Kennedy, M.
 (21) 2021903438 (22) 22.10.2021
 (54) DC Fast Dupols (DC Sandulars) Gold, Silver, Nickel, Ucorinium, Alkaline and Alkaline 2, Floppy Discs 6GB/12K or 12GB/24K

Kennedy, D. see Kennedy, N.
 (21) 2021903506

(71) Kennedy, N.; Kennedy, D.
 (21) 2021903506 (22) 03.11.2021
 (54) Safety / abduction / stranger app

(71) Kester, M.
 (21) 2021903513 (22) 03.11.2021
 (54) FIRE EXTINGUISHER CARTRIDGE SYSTEM

(71) Knowble servant
 (21) 2021903493 (22) 01.11.2021
 (54) sensory bubble pop bath/shower mat and toy/wash sponge.

(71) Leworthy, S.
 (21) 2021903489 (22) 01.11.2021
 (54) A kennel

(71) Mara Design Pty Ltd
 (21) 2021903558 (22) 08.11.2021
 (54) Surgical Tool

(71) Matthews, N.
 (21) 2021903444 (22) 26.10.2021
 (54) A Car Wheel Application

(71) Maxey, J.
 (21) 2021903472 (22) 30.10.2021
 (54) Universal Umbrella Adapter

(71) Medlab IP Pty Ltd
 (21) 2021903495 (22) 02.11.2021
 (54) Fabric products

(71) MINECOTECH PTY LTD
 (21) 2021903560 (22) 08.11.2021
 (54) Flexible Mounting

(71) Mobbs, J.
 (21) 2021903490 (22) 01.11.2021
 (54) Pet recovery collar apparatus

(71) Mohsenzadeh, M.
 (21) 2021903521 (22) 03.11.2021
 (54) Self-cleaning low vacuum floating solar desalination

(71) Nell, J.; Towse, G.
 (21) 2021903557 (22) 08.11.2021
 (54) SYSTEM AND METHOD FOR CONNECTING INDIVIDUALS OFFERING AND SEEKING INVESTMENT OPPORTUNITIES

(71) NetComm Wireless Pty Ltd
 (21) 2021903543 (22) 05.11.2021
 (54) A Device and Method for Configuring a Voice Channel in FTTdp

Provisional Applications Filed - Name Index cont'd

(71) Nomad Tackle Pty Ltd (21) 2021903526 (22) 04.11.2021 (54) FLYING FISH LURE	(71) Scolaro, A. (21) 2021903507 (22) 03.11.2021 (54) A Power Drive	(71) THE RENEWABLE GROUP PTY. LTD.; THE RENEWABLE GROUP PTY LTD (21) 2021903477 (22) 31.10.2021 (54) G AND J ADAPTER
(71) Nxgen Homes Pty Ltd (21) 2021903457 (22) 28.10.2021 (54) Modular Staircase	(71) Scolaro, A. (21) 2021903511 (22) 03.11.2021 (54) A Power Drive	(71) THE RENEWABLE GROUP PTY. LTD.; THE RENEWABLE GROUP PTY LTD (21) 2021903482 (22) 01.11.2021 (54) IMPROVED UNIVERSAL FENCING SYSTEM
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(71) Phillips, S. (21) 2021903556 (22) 07.11.2021 (54) Electrical Insulation Socket	(71) Scolaro, A. (21) 2021903534 (22) 04.11.2021 (54) A Power Drive	THE RENEWABLE GROUP PTY LTD see THE RENEWABLE GROUP PTY. LTD. (21) 2021903482
(71) Powa Corporation Pty Ltd (21) 2021903527 (22) 04.11.2021 (54) Brush	(71) Scolaro, A. (21) 2021903550 (22) 05.11.2021 (54) A Power Drive	Towse, G. see Nell, J. (21) 2021903557
(71) Priority Integrated Systems Pty Ltd (21) 2021903487 (22) 01.11.2021 (54) An automated warehouse packing system	(71) Shingleback Off Road Pty Ltd (21) 2021903486 (22) 01.11.2021 (54) Bicycle Transport Trailer	(71) Translational Research Institute Pty Ltd as trustee for Translational Research Institute Trust (21) 2021903536 (22) 05.11.2021 (54) Prosthetic implant design
(71) Pro-Seed Australia Pty Ltd (21) 2021903499 (22) 02.11.2021 (54) A CHEMICAL APPLICATOR ASSEMBLY FOR SEED TREATMENT	(71) Sicona Battery Technologies Pty Ltd (21) 2021903517 (22) 03.11.2021 (54) A method for production of silicon nanoparticles	(71) Vandebroek, P.H. (21) 2021903522 (22) 03.11.2021 (54) IMPROVEMENTS TO ADJUSTABLE DOOR BARRIERS AND SAFETY GATES
(71) Roark Design Pty Ltd (21) 2021903542 (22) 05.11.2021 (54) FOLDABLE WHEELCHAIR	(71) Signature Orthopaedics Europe Ltd (21) 2021903488 (22) 01.11.2021 (54) Spinal posterior fixation cross brace and connection assembly	White, A. see Grant, D. (21) 2021903509
(71) Roberts Nonwoven Consulting (21) 2021903494 (22) 01.11.2021 (54) Apparatus for liberating fibrous and non-fibrous components of a matrix	Smith, J. see Smith, D. (21) 2021903485	(71) Willmore, S. (21) 2021903559 (22) 08.11.2021 (54) Market tent attachable gutter
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2021903531	AllThingsEncrypted Pty Limited		

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Applications listed below were processed through the Patent Office Canberra during the period ending 2 Nov 2021 .

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

<hr/> <p>(71) Accenture Global Solutions Limited (21) 2021258012 (22) 28.10.2021 (54) UTILIZING MACHINE LEARNING MODELS TO PROVIDE COGNITIVE SPEAKER FRACTIONALIZATION WITH EMPATHY RECOGNITION (31) 17/218,952 (32) 31.03.21 (33) US</p> <hr/> <p>(71) Accenture Global Solutions Limited (21) 2021258019 (22) 28.10.2021 (54) UTILIZING MACHINE LEARNING MODELS TO GENERATE INITIATIVE PLANS (31) 17/201,578 (32) 15.03.21 (33) US</p> <hr/> <p>(71) Airformer Pty Ltd (21) 2021257981 (22) 27.10.2021 (54) Apparatus and elements for use in building construction (62) 2016203082</p> <hr/> <p>(71) Allegion (Australia) Pty Ltd (21) 2021257976 (22) 27.10.2021 (54) Improved latch assembly (31) 2020903939 (32) 30.10.20 (33) AU</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021258003 (22) 28.10.2021 (54) Factor XII (Hageman Factor) (F12), Kallikrein B, plasma (Fletcher Factor) 1 (KLKB1), and Kininogen 1 (KNG1) iRNA compositions and methods of use thereof (62) 2016257996</p> <hr/> <p>(71) Alnylam Pharmaceuticals, Inc. (21) 2021258022 (22) 28.10.2021 (54) Assays and methods for determining activity of a therapeutic agent in a subject (62) 2019206020</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021258024 (22) 28.10.2021 (54) Game token money, method of manufacturing game token money, and inspection system (62) 2020205305</p> <hr/> <p>(71) Aqua Group Limited (21) 2021257977 (22) 27.10.2021</p>	<p>(54) Aquatic Exercise Device (31) 769530 (32) 29.10.20 (33) NZ 63/130,523 24.12.20 US</p> <hr/> <p>(71) Ares Trading S.A. (21) 2021258023 (22) 28.10.2021 (54) Methods for modulating protein galactosylation profiles of recombinant proteins using peracetyl galactose (62) 2017264541</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2021258045 (22) 28.10.2021 (54) ELECTRONIC GAMING CABINET WITH REMOVABLE, PROTECTIVE AND INFORMATIONAL EXTERNAL SURFACE LAYERING (31) 63/106,702 (32) 28.10.20 (33) US 17/388,586 29.07.21 US</p> <hr/> <p>(71) ARQ IP Limited (21) 2021257899 (22) 25.10.2021 (54) Fuel oil / particulate material slurry compositions and processes (62) 2017246679</p> <hr/> <p>(71) Arvinas, Inc. (21) 2021257970 (22) 27.10.2021 (54) Compounds and methods for the targeted degradation of androgen receptor (62) 2020213376</p> <hr/> <p>(71) Asiatic Innovations Pty Ltd (21) 2021257916 (22) 26.10.2021 (54) Transport and rail infrastructure monitoring system (62) 2019396832</p> <hr/> <p>(71) ASP Global Manufacturing GmbH (21) 2021257917 (22) 26.10.2021 (54) Compositions for treatment and methods for making and using the same (62) 2019293287</p> <hr/> <p>(71) ASSA ABLOY Australia Pty Limited (21) 2021257926 (22) 26.10.2021 (54) A LATCHBOLT ASSEMBLY FOR MOUNTING TO A DOOR (31) 2020903954 (32) 30.10.20 (33) AU</p> <hr/> <p>(71) AstraZeneca AB (21) 2021257915 (22) 26.10.2021</p>	<p>(54) STABLE ANTI-IFNAR1 FORMULATION (62) 2020203306</p> <hr/> <p>(71) Better Stats (21) 2021257957 (22) 26.10.2021 (54) Mobile & web application for real-time tracking of multi-bet sport wagers</p> <hr/> <p>(71) Blackmore Sensors & Analytics LLC (21) 2021257940 (22) 26.10.2021 (54) LIDAR SYSTEM INCLUDING MULTI-FACETED DEFLECTOR (62) 2019417832</p> <hr/> <p>(71) BlueScope Steel Limited (21) 2021257993 (22) 27.10.2021 (54) Coating process (62) 2017268032</p> <hr/> <p>(71) Brown, D. (21) 2021257978 (22) 27.10.2021 (54) Therapeutic benefit of suboptimally administered chemical compounds (62) 2019240599</p> <hr/> <p>(71) Built Robotics Inc. (21) 2021258017 (22) 28.10.2021 (54) Excavating earth from a dig site using an excavation vehicle (62) 2021203364</p> <hr/> <p>Burgis, A. see Burgis, W. (21) 2021257979</p> <hr/> <p>(71) Burgis, W.; Burgis, A.; Vo, T. (21) 2021257979 (22) 27.10.2021 (54) AN IMPROVED TOILET HYGIENE APPARATUS (31) 2021900176 (32) 27.01.21 (33) AU</p> <hr/> <p>(71) Canon Kabushiki Kaisha (21) 2021257946 (22) 26.10.2021 (54) Information processing apparatus, information processing method, and non-transitory computer-readable storage medium (31) 2020-179983 (32) 27.10.20 (33) JP 2021-000560 05.01.21 JP 2021-000840 06.01.21 JP</p> <hr/> <p>(71) Cargill, Incorporated (21) 2021257896 (22) 25.10.2021</p>
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- (54) STEVIOL GLYCOSIDE COMPOSITIONS FOR ORAL INGESTION OR USE
(62) 2017285444
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- (71) CHAO, Y.
(21) 2021257937 (22) 26.10.2021
(54) SCREW
(31) 110126804 (32) 21.07.21 (33) TW
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- (71) Children's Hospital Medical Center
(21) 2021258007 (22) 28.10.2021
(54) Methods and systems for converting precursor cells into gastric tissues through directed differentiation
(62) 2015267148
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- (71) CHINA WONDERLAND NURSERYGOODS CO., LTD
(21) 2021258027 (22) 28.10.2021
(54) BASKET AND STROLLER WITH THE BASKET
(31) 202022440002.6 (32) 28.10.20 (33) CN
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- (71) CIRIANNI, G.
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(62) 2019250254
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- (71) Clean Planet Inc.
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(54) Heat generating system
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- (71) CNH Industrial America LLC
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- (71) CNH Industrial America LLC
(21) 2021257955 (22) 26.10.2021
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- (71) ConMed Corporation
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- (71) CP Manufacturing, Inc.
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- (71) Cubios Inc.
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- (71) Cue Health Inc.
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- (71) CytomX Therapeutics, Inc.
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(54) Matrix metalloprotease-cleavable and serine protease-cleavable substrates and methods of use thereof
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- (71) Deep Isolation, Inc.
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- (71) Deere & Company
(21) 2021258001 (22) 28.10.2021
(54) Closed loop billet length control system for a harvester
(31) 17/107,267 (32) 30.11.20 (33) US
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- (71) Deere & Company
(21) 2021258002 (22) 28.10.2021
(54) Cotton picker spindle with replaceable tip
(31) 17/449,490 (32) 30.09.21 (33) US
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- (71) Delinia, Inc.
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(54) Molecules that selectively activate regulatory T cells for the treatment of autoimmune diseases
(62) 2017210187
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- (71) Dexcom, Inc.
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- (71) Dolby Laboratories Licensing Corporation
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- (71) Dow AgroSciences LLC
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- (71) Dropbox, Inc.
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(54) Updating a remote tree for a client synchronization service
(62) 2018395857
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- (71) Enphase Energy, Inc.
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(54) Photovoltaic management and module-level power electronic
(62) 2016336431
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- (71) FiberLean Technologies Limited
(21) 2021257912 (22) 26.10.2021
(54) 3D-formable sheet material
(62) 2019257445
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- (71) Fisher & Paykel Healthcare Limited
(21) 2021258051 (22) 29.10.2021
(54) Nasal respiratory interface and adjustable headgear
(62) 2017228220
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021257909 (22) 26.10.2021
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(62) 2015370507
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021258006 (22) 28.10.2021
(54) Interface Comprising a Rolling Nasal Bridge Portion
(62) 2020203017
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- (71) Forma Therapeutics, Inc.
(21) 2021257988 (22) 27.10.2021
(54) Purinones as ubiquitin-specific protease 1 inhibitors
(62) 2016356694
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- (71) General Automation Lab Technologies, Inc.
(21) 2021257901 (22) 25.10.2021
(54) High resolution systems, kits, apparatus, and methods for high throughput microbiology applications
(62) 2016250591
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- (71) General Electric Company
(21) 2021257969 (22) 27.10.2021

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(54) FUEL NOZZLE ASSEMBLY
(62) 2020200838

(71) Georg Fischer Rohrleitungssysteme AG
(21) 2021258021 (22) 28.10.2021
(54) Monitoring of pipeline systems
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(71) Google LLC
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(71) HERO HEALTH, INC.
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(71) Howard Porter Pty Ltd
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(62) 2016228310

(71) Illumina, Inc.
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(54) Variant classifier based on deep neural networks
(62) 2019253021

(71) Illumina Cambridge Limited
(21) 2021257967 (22) 27.10.2021
(54) Methods and compositions for preparing sequencing libraries
(62) 2015273232

(71) Immunomedics, Inc.
(21) 2021258011 (22) 28.10.2021
(54) Neoadjuvant use of antibody-drug conjugates
(62) 2015328370

(71) Institute of Geology and Geophysics, Chinese Academy of Sciences
(21) 2021257914 (22) 26.10.2021
(54) Method and apparatus for detecting short-distance single-line signal transmission software
(31) 202110323251.3 (32) 26.03.21 (33) CN

(71) Intercontinental Great Brands LLC
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(54) Packaging material comprising indicator responding to an external stimulus
(62) 2018318927

(71) Koninklijke Douwe Egberts B.V.
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(54) A capsule and a system for preparing a potable beverage from such a capsule
(62) 2016264683

(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
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(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
(21) 2021257984 (22) 27.10.2021
(54) PROCESS AND PLANT FOR REMOVING CARBON DIOXIDE FROM SYNTHESIS GAS
(31) 20020521.9 (32) 11.11.20 (33) EP

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(71) L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procèdes Georges Claude
(21) 2021258014 (22) 28.10.2021
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(71) L&F Plastics, Co., Ltd.
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(54) Reinforcing Member and Storage Box Having the Same
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(71) LB Group Co., Ltd.
(21) 2021257980 (22) 27.10.2021
(54) Method for co-producing synthetical rutile and polymeric ferric sulfate with waste sulfuric acid
(31) 202011186491.5 (32) 30.10.20 (33) CN

(71) LG ELECTRONICS INC.
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(54) LIQUID PURIFIER
(31) 10-2020-0139349 (32) 26.10.20 (33) KR

(71) LivePerson, Inc.
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(54) Systems and methods for real-time remote control of mobile applications
(62) 2017312875

(71) LivePerson, Inc.
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(54) Analytics driven engagement
(62) 2020204288

(71) Living Proof, Inc.
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(62) 2017229125

(71) LOS OLIVARES DE VENADO TUERTO S.A.
(21) 2021257990 (22) 27.10.2021
(54) Mechanical shaker head for fruit tree harvester
(31) P20200103031 (32) 03.11.20 (33) AR

(71) MacDon Industries Ltd.
(21) 2021258047 (22) 28.10.2021
(54) DRAPER CANVAS SEAL
(62) 2019204064

(71) Magic Leap, Inc.
(21) 2021258005 (22) 28.10.2021
(54) System and method for augmented and virtual reality
(62) 2020210147

(71) Massachusetts Institute of Technology
(21) 2021257964 (22) 27.10.2021
(54) AMINO ACID DERIVATIVES FUNCTIONALIZED ON THE N-TERMINUS CAPABLE OF FORMING DRUG ENCAPSULATING MICROSPHERES AND USES THEREOF
(62) 2020201387

(71) MedImmune Limited
(21) 2021257983 (22) 27.10.2021
(54) ANTI-PAR2 ANTIBODIES AND USES THEREOF
(62) 2018235031

(71) Medtronic, Inc.
(21) 2021257991 (22) 27.10.2021
(54) Implantable lead location using ECAP
(31) 17/085,621 (32) 30.10.20 (33) US

(71) Microtech Knives, Inc.
(21) 2021257966 (22) 27.10.2021
(54) A buckle
(31) 17/176,736 (32) 16.02.21 (33) US

(71) MicroVention, Inc.
(21) 2021257925 (22) 26.10.2021
(54) INTRAVASCULAR TREATMENT SITE ACCESS
(62) 2017217879

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(71) MTD Products Inc
(21) 2021257898 (22) 25.10.2021
(54) FOLDABLE CRATE FOR A LAWN
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(62) 2018341569

(71) Multigate Medical Products Pty Ltd
(21) 2021257992 (22) 27.10.2021
(54) Surgical Bowl Set
(62) 2016303903

(71) Nano-Green Biorefineries Inc.
(21) 2021257994 (22) 27.10.2021
(54) PRODUCTION OF CRYSTALLINE
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(62) 2017210775

(71) NAVICO HOLDING AS
(21) 2021257975 (22) 27.10.2021
(54) SONAR DISPLAY FEATURES
(31) 17/106,272 (32) 30.11.20 (33) US

(71) Navisense GmbH
(21) 2021258016 (22) 28.10.2021
(54) METHOD AND SYSTEM FOR MONIT-
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(71) Nektar Therapeutics
(21) 2021258008 (22) 28.10.2021
(54) Conjugates of an IL-15 moiety and a
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(62) 2019283778

(71) Netflix, Inc.
(21) 2021257947 (22) 26.10.2021
(54) Techniques for robustly predicting per-
ceptual video quality
(62) 2020203139

(71) Nextracker Inc.
(21) 2021257945 (22) 26.10.2021
(54) DC/DC converter for distributed storage
and solar systems
(62) 2019260587

(71) NHS, Inc.
(21) 2021257904 (22) 25.10.2021
(54) Skateboard truck with inverted king pin
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(31) 63/105,530 (32) 26.10.20 (33) US
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(71) Nokia Solutions and Networks Oy
(21) 2021258018 (22) 28.10.2021
(54) Control channel element indexing
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(62) 2019222938

(71) OJO Labs, Inc.
(21) 2021258049 (22) 28.10.2021

(54) COOPERATIVELY OPERATING A
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(62) 2018374738

(71) Opal Packaging Australia Pty Ltd
(21) 2021257930 (22) 26.10.2021
(54) A BLANK FOR FORMING AN EN-
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(31) 2020903879 (32) 26.10.20 (33) AU

(71) Ovid Therapeutics Inc.
(21) 2021257943 (22) 26.10.2021
(54) Methods of treating developmental dis-
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(62) 2017363598

(71) PEOPLE PARKERS PTY LTD
(21) 2021257923 (22) 26.10.2021
(54) Temporary Perimeter System
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(54) A COST EFFECTIVE HUMAN CHAKRA HEALING SYSTEM BASED ON ACUPRESSURE TECHNIQUES

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(71) BISWAS, P.; MANDAL, S.; MANDAL, K.
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(54) A FINANCE ANALYSIS MANAGEMENT SYSTEM AND METHOD BASED ON BIG DATA

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(54) A PROCESS FOR FORMULATING MORINGA FLAVORED MULTIBRAN BREAD

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(54) A PROCESS FOR FORMULATING BUTTERMILK ENRICHED MORINGA BASED MULTIGRAIN BREAD

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Satpathy, R.; Pallathadka, A.K.; Mittal,
A.
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TURE OF THE WALK USING IOT

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J.E.
(21) 2021107059 (22) 24.08.2021
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al clothing and apparatus capable of
identifying the health parameters.

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(54) A FDSOI-MOSFET USING HIGH K MA-
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(71) College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur; GUPTA, T.

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(71) Das, N.; Sajjan, R.; Makubhai, S.
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(71) Dongare, A.; Dongare, A.
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(71) Dongare, A.; Dongare, A.
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of Agriculture and Technology (MPUAT),
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(54) A RESOURCE MANAGEMENT OPTIMIZATION SYSTEM TO IMPROVE 5G NETWORK PERFORMANCE USING MACHINE LEARNING APPROACH

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(71) R.T, S.; Subramanian, A.B.; S, S. (21) 2021107205 (22) 25.08.2021 (54) DEEP LEARNING BASED SYSTEM AND METHOD FOR AUTOMATIC IDENTIFICATION OF COVID-19 REGIONS ON CT-IMAGES	Rajawat, A. see Sen, R. (21) 2021107100	Raut, A. see Gabhane, M. (21) 2021107426
(71) Raaza, A.; R, N.K.; Hari Prasath, P.; Saxena, A.; Saxena, V.; Jacob, D.J.; Jacob, A.A.; Bonam, V.S.; Basu, D.; K N S, S.; Parthiban, S.; Soratiya, A.; Juluru, J.D.; Paul, D.; D, R. (21) 2021106747 (22) 24.08.2021 (54) INTERNET OF THINGS BASED STUDENT PRESENCE NOTIFICATION DEVICE FOR SCHOOL AND SCHOOL BUSES	Rajawat, A. see Kulkarni, G. (21) 2021107109	(71) Rayudu, P.S.; Yadav, S.K.; Bisoyi, B.; Sonal, D.; Chaturvedula, U.P.K.; Rai, A.K.; Fatima, S.E.; R, K.; Srinivas, C.; Tembhumne, V.K.; Chinni, V.S.; Indra, G. (21) 2021107102 (22) 25.08.2021 (54) IOT BASED AUTOMATED GREEN ENERGY MANAGEMENT OF PUBLIC GARDENS
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erties of non-ferrous alloy

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(21) 2021107304 (22) 25.08.2021
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(54) Automatic Fish Feeding Machine
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(21) 2021106699 (22) 24.08.2021
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(71) Sahoo, V.; Sinha, R.; Paswan, M.
(21) 2021106954 (22) 24.08.2021
(54) A BALL BEARING ASSEMBLY WITH
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(21) 2021107267

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 (54) Novel Assay methods for RABEPRAZOLE SODIUM (EC) + LEVOSULPIRIDE (SR) pellets.

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(71) Samanta, L.; Das, S.K.; Thatoi, H.
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 (54) A METHOD FOR ISOLATING BIOACTIVE FRACTION FROM MANGROVE PLANT BRUGUIERA SEXANGULA

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 (21) 2021107039 (22) 24.08.2021
 (54) AUTONOMOUS QoS BASEDCATASTROPHIC DISASTERCOMMUNICATION SYSTEM IN MOBILE AD HOC NETWORK USING ANT COLONY OPTIMIZATION

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 (54) A METHOD FOR ECOFRIENDLY RECYCLING LIGNITE FLY ASH FOR IMPROVEMENT OF GROWTH AND BIOCHEMICAL CONSTITUENTS OF SPIRULINA PLATENSIS

(71) Saranraj, P.; Lakshmi, S.; Sudha, A.; Totewad, N.D.; Hamzah, K.J.; Manjarmkar, V.
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 (54) A METHOD FOR FORMULATION OF NATURAL LABORTORY DISINFECTANT USING ORANGE PEEL WASTE

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(71) SARKAR, V.; BISWAS, H.; MISRA, D.; CHATTERJEE, S.
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 (54) Controlling Power Consumptions as a service (CPCaaS) - System and Method for Controlling Power Consumptions in Cloud Environment through smart resource optimization

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(21) 2021106701 (22) 24.08.2021
(54) Crime And Threat Detection Wearable Device And Method Thereof

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(54) HIGHWAY EMERGENCY NOTIFICATION AND ALERT SYSTEM

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(71) Shahi, S.; Singh, S.K.
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(71) Sharma, R.; Gupta, T.; Chouhan, D.
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2021106694	Patil, O.S.; Patil, P.S.; Jadhav, M.M.; Sayyad, S.F.; Shaikh, A.A.; Patil, J.P.; Mane, S.C.; Gawali, R.K.; Chandanshive, S.; kumar, M.S.	2021106803	Kumar, R.; Rama Prasad, C.V.S.; Dhawale, A.; Aswar, D.S.; Mir, R.A.; Ritika, .; Aishwarya, .; Guleria, A.; Kapoor, K.; Verma, P.
2021106695	CMR Institute of Technology Bengaluru; National Institute of Technology Hamirpur; Netaji Subhas University of Technology; Indian Institute of Technology Indore	2021106805	Manda, S.; Kumar, A.; Pingili, M.; Nagaraju, P.; Sravanthi A., L.; Jayasri, K.; Dayyala, A.; Banapuram, C.; Shanthi, G.V.; Begum, R.
2021106696	S, B.; M, M.; Rani, B.R.S.; B., A.S.; K V, R.S.; Sridhar, C.	2021106807	Bala, V.; Prince, M.C.D.; Chaudhari, S.; Kad-Tapkir, P.; Lakshmi, P.V.; Suman, J.; Kapoor, K.; Priyanka, P.; Raghav, S.; Mir, R.A.
2021106697	Kaur, P.; Kale, K.V.	2021106812	Sridhar, P.; Babu, G.V.; Samal, S.K.; Dash, P.K.; Shirbhate, A.; Satheesha, T.Y.; Das, B.; Raju, S.V.S.R.; A, A.; Purohit, R.
2021106698	Nayanapalli, S.K.	2021106816	GOGULA, S.; RANI, M.U.; VANI, M.D.; KODUMURU, S.D.
2021106699	S, S.; C, M, N.S.; J, J.V.N.; SEKAR, S.; B, V.; N, R.; K, P.; S, S.	2021106822	Patil, A.; Patil, R.; Devi, P.L.; Sridhar, C.
2021106700	G, S.B.; Chikkanna, N.	2021106824	Rahate, S.G.R.; Bajaj, N.S.; Patil, R.C.; Mohurley, I.S.; Sharma, K.V.; Panse, V.R.; Dixit, A.
2021106701	Sayyad, S.F.; Shaikh, A.A.; Patil, O.S.; Patil, P.S.; Kalos, P.P.; Sange, S.R.; Mane, S.C.; Gawali, R.K.; Kumar, M.S.; Chandanshive, S.	2021106831	Dixit, M.S.; Kokode, N.S.; Gedam, S.C.; Vyavhare, S.K.; Panse, V.R.; Choubey, S.R.; Manapure, S.A.V.
2021106702	Mohanty, P.; Mohanty, D.; Bindhani, B.R.; Dash, S.; Sahoo, P.K.; Arora, H.; Mohanty, P.; Priyadarshini, S.R.; Singh, R.V.; Chaturvedi, M.	2021106833	Thimmaraju, M.K.; Garige, A.K.; Chandupatla, V.; Gudas, G.K.; Venu, K.
2021106703	Shaik, A.B.; Bhandare, R.R.; Konidala, S.K.; Chinnam, S.; Bobbala, P.; Potla, K.; Gupta, G.K.; Sigalapalli, D.K.; Yakkate, S.; Swamy, H.K.	2021106835	Sharma, R.; Gupta, T.; Chouhan, D.
2021106704	Hindustan Institute of Technology and Science; KCG College of Technology	2021106840	Patil, A.; Patil, R.; Patil, P.; Patil, A.; Pawar, S.; Patil, A.; Patil, S.; Patil, P.; Patil, S.
2021106705	Chourasia, A.; Dhiman, D.; Parauha, Y.; Bokare, P.; Dhoble, S.	2021106861	Hindustan Institute of Technology and Science
2021106706	Sridhar, A.; Lakshmi, K.P.	2021106864	Ragothaman, A.
2021106707	Roy, S.S.; Bindhani, B.R.; Mohanty, P.; Mohanty, D.; Singh, R.V.; Sahu, A.; Arora, H.; Rout, B.; Srivastava, P.	2021106870	Warangal, N.I.T.
2021106708	GARIMELLA, R.C.	2021106882	SAMROT, A.V.; A, J.S.; MUTHIAH, B.; S, A.; S, D.; N, S.; S, S.; XAVIER, S.; D, R.; M, S.S.; S, K.S.; R, S.P.
2021106709	GARIMELLA, R.C.	2021106885	Ghosal, A.; Raja, R.; Chowdhury, R.; Dutta, S.; Nandi, E.; Gupta, N.; Somolu, H.
2021106710	SARKAR, V.; BISWAS, H.; MISRA, D.; CHATTERJEE, S.	2021106900	Shinghal, K.; Saxena, A.; Misra, R.; Sharma, A.; Gupta, P.
2021106711	Wanjale, K.H.; Chitre, A.; Raut, K.J.; Gawande, P.; Deshmukh, M.; Thakur, N.N.; Kale, A.D.; Sharma, Y.R.; Choudhary, C.P.; Kamble, S.A.; Gupta, A.; Ghattuwar, S.R.; Patil, J.M.; Pathan, S.H.; Wanjale, A.H.	2021106903	Raman, S.
2021106712	Mohanty, D.; Mohanty, P.; Bindhani, B.R.; Verma, S.; Roy, S.S.; Guru, R.; Gupta, P.; Sahoo, P.D.; Mohanty, A.	2021106906	Patil, O.S.; Shaikh, M.Z.; Sayyad, F.B.; Patil, P.S.; Ansari, M.I.; Haswani, N.G.; Sawane, M.S.; Gawali, R.K.; shive, S.C.; kumar, M.S.
2021106713	Parne, S.R.; Chidambara Swamy, V.S.; V, P, V.	2021106914	Kulkarni, P.P.
2021106714	Taikar, D.; Mahakhode, J.; Halwar, D.; Dhoble, S.	2021106919	GUJAR, P.S.
2021106715	Mohanty, P.; Bindhani, B.R.; Singh, A.; Dash, S.; Jalaluddin, M.; Mohanty, D.; Behura, S.S.; Singh, D.K.; Kumar, G.	2021106924	RASOOL, S.; DULHARE, U.N.; MD, J.S.; DIVYA, N.; JEEVAN, P.; PREMNADH, K.; AMBHAIKAR, A.; SWARNKAR, S.K.
2021106716	Lovely Professional University	2021106925	S, P.; S.R, M.S.
2021106717	Hallale, D.V.; Shikhare, V.B.; Humbe, A.B.; Jadhav, H.L.; Hasan, Z.U.; Padmavat, N.S.; Padmavat, C.S.; Killedar, P.A.; Taur, P.G.; Patil, P.S.		
2021106718	Mohanty, D.; Mohanty, P.		

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2021106929	Maulana Azad National Institute of Technology, Bhopal, Madhya Pradesh, India	2021107058	Gangil, B.; Kumar, S.; Mer, K.; Patel, V.K.
2021106931	G K, R.; Benedict, S.; Sunny, B.C.; P. S., R.	2021107059	CHILAMKURTI, N.; GEORGE, I.R.; R, J.E.
2021106933	Singh, A.; Singh, P.; Singh, M.K.; Rajput, A.; Arya, R.; Thakur, D.; Shrivastava, P.; Dixit, S.	2021107060	Singh, A.; Sood, D.; Singh, A.P.
2021106935	Shirode, U.; Gaadhe, A.	2021107061	Mondal, K.C.; Mukhopadhyay, S.; Sarkar, S.; Chattopadhyay, S.; Ghosh, M.; Mondal, A.S.; Fajriyah, R.
2021106936	Pimple, V.; Kulkarni, A.; Bhat, A.; Dhoble, S.	2021107065	Kukade, S.; Chaudhari, B.S.
2021106945	Biswas, K.; Thakur, M.; Pawar, S.; Singh, M.; Dubey, M.; Kanathy, K.; Gulati, A.; Chandre, A.	2021107072	Budhwar, S.
2021106953	Nanda, I.; Kumar, S.; Ambashtha, K.L.; Routh, A.K.; Shukla, V.K.; Acharya, B.	2021107073	Verma, N.K.; Singh, A.K.; Prakash, D.; Singh, P.; Srivastava, A.; Maurya, V.K.
2021106954	Sahoo, V.; Sinha, R.; Paswan, M.	2021107075	B, R.; Bhoopathi, H.
2021106963	Nanda, I.; Kumar M, D.; Jain, V.; Jain, P.; Pattnaik, E.S.; Acharya, B.	2021107076	Singh, S.; Kaushik, S.
2021106965	College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology (MPUAT), Udaipur; GUPTA, T.	2021107077	Khan, M.Z.; Khan, N.; Sultana, S.; Anwer, A.H.
2021106970	Vimala, G.S.A.G.; Vidhya, K.; Chelliah, C.R.A.J.; G, D.A.; S, A.R.; K P, J.; Mubarak, S.; Nair, V.G.; M V, D.; C, G.	2021107078	Patgiri, R.; Roy, D.; Nayak, S.; Waikhom, L.
2021106971	Sayyad, F.B.; Shaikh, M.Z.; Patil, O.S.; Ansari, M.I.; Kalos, P.S.; Patil, P.S.; Suryawanshi, N.A.; Chandan-shive, S.; Gawali, R.K.; Kumar, M.S.; Kardile, D.P.	2021107079	Ojha, P.
2021106979	Patil, A.R.; Ghewade, G.; Rastogi, K.; Asgekar, S.	2021107080	Patgiri, R.; Borah, M.D.; Singh, L.D.
2021106980	Ahmad, S.A.R.; Usman, M.R.M.; Shah, S.; Shaikh, T.	2021107081	., M.; Sharma, G.N.; Mahor, S.; Chaudhary, A.; Shrivastava, B.; Mishra, M.K.; Sharma, P.; Gupta, M.K.; Patel, G.P.; Mishra, M.K.; Mandal, S.; Jhade, D.; Kumar, V.; Kumar, S.
2021106981	Shendge, V.P.; Shendge, K.P.	2021107082	Ganguly, A.K.; Chaubey, A.; Jaiswal, M.K.
2021106997	Gaadhe, A.; Shirode, U.	2021107087	Angelina, J.T.T.; N., S.; K., J.; Jagadeesan, K.
2021106999	Wanjale, K.H.; Rashinkar, D.A.; Desai, A.R.; Pawar, D.S.; Sahu, V.; Kangane, S.S.; Singh, H.; Bedre, A.A.; Rohilla, N.; Kalbhor, H.Y.; Nandedkar, S.A.; Chandak, N.A.; Wadikar, S.S.; Thakare, K.G.; Devgunde, N.D.; Gherade, P.B.; Sahasrabudhe, K.S.; Deshmukh, P.S.; Chhatlani, C.S.; Wanjale, A.H.	2021107088	Jogether, R.N.; Lohi, S.A.; Ganorkar, S.S.; Gorewar, H.V.; A. Lohi (Bode), S.
2021107001	Sharma, A.; Sharma, S.; Alam, M.; Rahate, K.; Singh, V.; Kaushik, N.; Kumar, A.; Singh, V.; Sudha, A.; Khat-oon, R.; Bhati, P.	2021107091	Dasgupta, S.; Bhattacharjee, A.; Saikiran, M.
2021107002	NAYAK, N.; CHANDRAHAS SHETTY, V.	2021107092	Kaur, M.; Singh, A.
2021107008	Shelke, S.D.	2021107093	YASMEEN, F.; SAMSUNISA, A.; M, U.R.; SAMEENA, N.; DEVI, K.K.; PARVEEN, N.; V., A.; DEEPA, C.K.; S., K.; A., H.
2021107010	Dongare, A.; Dongare, A.	2021107095	Herbert, A.
2021107011	Saranraj, P.; Nivetha, M.; Nisha, R.; Totewad, N.D.; Balasaheb, J.V.; Feliciano, G.D.	2021107097	Mehbodniya, A.; L, S.; Singholi, A.; Nayak, N.; Vag-ghela, K.; Lunagaria, M.; Chaudhary, S.; Tyagi, S.; POLKOWSKI, E.; Elngar, A.
2021107012	Beekannahalli Mokshanatha, P.; Safar Ali Almalki, A.; Niluvanji Matada, M.; Raju, K.; Matada Prasanna, B.; M V, P.; M, R.	2021107100	Sen, R.; Ahamad, S.; Vemuri, V.; Siddiqui, M.A.; Kun-dra, H.; M L, S.; Rajawat, A.
2021107017	Dongare, A.; Dongare, A.	2021107101	Joseph, S.; Borole, Y.; Gupta, G.; Dubey, K.; Kumar, A.; Agrawal, B.; Karthika, J.; Pothalaiah, S.; G., A.; Kumar, S.; Kumar, M.; Shaw, R.; Ghosh, A.
2021107020	Kumar, A.; Dey, M.; Pandey, S.; Singh, E.	2021107102	Rayudu, P.S.; Yadav, S.K.; Bisoyi, B.; Sonal, D.; Chaturvedula, U.P.K.; Rai, A.K.; Fatima, S.E.; R, K.; Srinivas, C.; Temburne, V.K.; Chinni, V.S.; Indra, G.
2021107024	MUTHIAH, B.; C, S.; APUROOP, K.; J, A.L.; SAMROT, A.V.; C, V.N.; SANTHOSHKUMAR, A.W.; N, S.; XAVI-ER, S.; S, K.S.; ALWIN, A.; T, S.; GOPALSAMI, E.; S, D.	2021107104	Jadhav, M.; Deshpande, V.; Midhunchakkaravarthy, D.; Waghole, D.
2021107025	GANDHEWAR, A.A.	2021107105	Jalaluddin, M.; Mohanty, P.; Nazeer, N.; Ganguli, B.; Beura, S.S.; Avijeeta, A.; Panda, M.; Mishra, A.; Mago, H.S.; Moinuddin, M.
2021107026	Matani, A.G.; Jos, B.M.; T N, S.; Jos, B.C.	2021107106	Dr. Vishwanath Karad MIT World Peace University; Khandekar, P.; Deshmukh, M.; Sadafale, N.
2021107029	Konatham, T.K.R.; Gandla, K.; Lalitha, R.; Mura-likrishna, M.; Ashwini, J.; L, A.G.; Kumar, C.A.; Tajud-din, M.; Momina, S.S.; Parveen, M.	2021107108	Adil, M.
2021107035	Kadam, S.G.; Chackravarti, M.A.; Bambole, A.; Pendhari, S.S.; Deshmukh, V.B.	2021107109	Kulkarni, G.; Swami, A.; Savaliya, R.R.; Ahamad, S.; Rajawat, A.; Mohammed, O.; Pallathadka, H.
2021107036	BISWAS, P.; MANDAL, S.; MANDAL, K.	2021107110	Saradhi, P.P.; Yathiraju, R.; S, S.; N, U.B.; dixit, C.; Sahu, P.; Patel, R.; Choudhary, B.K.; Maheshwari, A.; Bhagwat, D.A.; C, S.; Pothalaiah, S.
2021107039	SARANGI, S.K.; PANDA, M.; MISHRA, S.; NANDA, A.; LENKA, R.; SAHOO, S.K.; PANDA, N.R.; PARIDA, B.R.; SASMAL, A.; CHOWDHURY, M.R.	2021107185	Malik, K.; M., R.; Indra, G.
2021107043	MISHRA, S.; SANTRA, G.H.; SARANGI, S.K.; MISHRA, D.; PANDA, T.; NANDA, A.; BISWAL, R.; SWAIN, D.K.; WALI, V.S.; T V, V.; DASH, A.; SAHOO, S.K.	2021107195	Balu, K.E.; Haldar, O.; Jana, D.; Khedkar, C.E.; Bach-hav, S.P.; Khedkar, A.E.; Deokar, A.; Kumar, J.S.P.; Hal-dar, R.; Panda, S.
2021107045	Saranraj, P.; Lakshmi, S.; Sudha, A.; Totewad, N.D.; Hamzah, K.J.; Manjaramkar, V.	2021107200	Balu, K.E.; Haldar, O.; Singh, S.; Khedkar, C.E.; Bach-hav, S.P.; Khedkar, A.E.; Deokar, A.; Kumar, P.; Haldar, R.; Panda, S.
2021107048	Gupta, V.; Kumar, P.	2021107205	R.T, S.; Subramanian, A.B.; S, S.
2021107049	Ghutke, P.; Agrawal, R.; Sonwane, P.	2021107208	MES's Pillai College of Education and Research; Fran-cis, R.
2021107051	University, K.R.M.	2021107226	Tiruvaipeta, V.K.; Tiruvaipeta, V.L.
2021107052	University, K.R.M.	2021107254	Gaikwad, D.K.; Narayankar, C.U.; Desai, N.M.; Patil, M.S.; Pawar, U.R.; Deshmukh, S.A.; Nagane, P.
2021107055	Dutta, S.	2021107264	Kumar, D.; Bhilare, N.V.

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2021107269	Beekanaahalli Mokshanatha, P.; Satyanarayana Jeevan Chakravarthy, A.; Onkarappa Nayana, K.; Kadlera Devendra, B.; Raju, K.; Matada Prasanna, B.; Hebbar Nelithadka, N.; M V, P.; M, R.	2021107455	Patra, T.K.; Mohapatra, P.; Mishra, R.; Dash, S.; Subham, P.; Acharya, V.; Kuanr, M.; Acharya, B. Hindustan Institute of Technology and Science
2021107272	Kaur, M.; Sakhare, S.; Patil, D.; Bhond, I.	2021107457	Saini, V.; Hedau, P.B.; Saini, A.K.; Saini, R.V.; Mittal, A.; Goyal, G.L.; Chaudhary, S.K.; Siwal, S.S.
2021107274	Chopade, S.; Padole, D.; Joshi, K.	2021107459	Pathania, D.; Saini, A.K.; Saini, R.V.; Sharma, A.; Kumari, S.; Gupta, B.; Mittal, D.; Chandan, G.; Thakur, R.; Saini, V.
2021107275	Choithrani, R.	2021107462	Saini, A.K.; Pathania, D.; Saini, R.V.; Sharma, A.; Kumari, S.; Saini, V.; Gupta, B.; Mittal, D.; Chandan, G.; Thakur, R.
2021107282	R D Engineering College; University of Saskatchewan; Prism Johnson Limited	2021107464	Saini, V.; Hedau, P.B.; Saini, A.K.; Saini, R.V.; Mittal, A.; Goyal, G.L.; Chaudhary, S.K.; Siwal, S.S.
2021107283	Patra, T.K.; Acharya, B.; Sahoo, P.R.; Kuanr, M.; Mohapatra, P.; Subham, P.; Sahoo, B.M.; Pattnaik, S.; Dash, S.S.	2021107465	Saini, V.; Saini, A.K.; Saini, R.V.; Singh, L.
2021107291	Lovely Professional University	2021107466	Saini, V.; Hedau, P.B.; Saini, A.K.; Saini, R.V.; Mittal, A.; Goyal, G.L.; Siwal, S.S.
2021107299	Choudhury, A.; Kumar, A.	2021107467	Dixit, S.; Malagi, V.P.; Jakati, J.S.; N, H.K.; B. S., V.M.; Milton, T.; BALAMURUGAN, A.; Chalawadi, A.M.; Sridhar, C.; T. K., M.; R, K.; H M, M.; M B, S.; H A, D.; V, M.B.; PAREEK, P.K.
2021107302	Roorkee Institute of Technology	2021107468	Jaiswal, A.K.
2021107303	Roorkee Institute of Technology	2021107469	Shewale, A.; Wankar, S.
2021107304	Roorkee Institute of Technology	2021107470	Hublikar, S.; Shet, N.S.V.
2021107305	Roorkee Institute of Technology	2021107473	Srivastava, P.K.; Kant, R.
2021107308	J, A.S.; Mehbodniya, A.; Webber, J.L.; BALIAH, N.T.; WILSON, J.J.; Bhattasali, T.; Sathian, B.; Sindhu, D.; Mandawkar, U.D.; SUDARMANI, D.N.P.	2021107477	Totewad, N.D.; Saranraj, P.; Hamzah, K.J.; Alhtheal, E.D.; Awani, K.J.; Feliciano, G.D.
2021107321	PAUL, P.M.; JINGLE, I.D.J.; PAUL, P.S.; SHYLU, D.S.; Thilagamani, S.; Darne, S.K.; Sathian, B.; Kashyap, P.P.; P. S, R.; R, S.J.M.	2021107478	Jaiswal, G.; Ballal, M.S.
2021107336	Panchal, J.; Suru, K.	2021107484	Shahi, S.; Singh, S.K.
2021107348	Kulkarni, P.P.	2021107487	Maru, S.; Belemkar, S.
2021107349	Sreenivasulu, M.; Perli, S.B.; K R, S.; N, P.; Pallathadka, A.K.; Satpathy, R.	2021107489	Allagi, S.; Rachh, R.; K, S.
2021107359	Ribinwala, H.; Ribinwala, J.	2021107491	Saini, V.; Saini, A.K.; Saini, R.V.; Singh, L.; Chaudhary, S.K.; Midha, Y.; Kumar, M.; Kumar, M.
2021107361	National Institute of Technology Goa	2021107492	Saini, V.; Saini, A.K.; Saini, R.V.; Singh, L.
2021107368	Nirala, A.; Soren, S.; Kumar, A.; Kumar, K.; Sharma, G.; Shrivastava, A.; Prasad, R.; Maheshwari, R.; Prasad, H. D., R.; C., T.; P., B.; N, R.; Ali, P.M.; Narayanan, G.; P., R.; R., A.; E., R.; M, S.; K., B.; K, M.	2021107493	Saini, V.; Saini, A.K.; Saini, R.V.; Singh, L.; Kumar, M.
2021107372	Champaty, B.; Fathima, A.J.; Dixit, P.; Satpathy, R.; Pal-lathadka, A.K.; Mittal, A.	2021107494	Saini, V.; Saini, A.K.; Saini, R.V.; Singh, L.
2021107393	H P, N.; Shekhar, T.R.S.; Hegde, P.; N, R.	2021107497	Naganjaneyulu, P.V.; Kumari, V.S.R.; Krishna, S.G.; Ren-nuka, N.; Seelam, K.; Babu, K.R.; Mannem, K.; Pan-della, S.
2021107398	Belkhode, V.; Nimonkar, S.	2021107503	Saini, V.; Saini, A.K.; Saini, R.V.; Singh, L.; Kumar, M.
2021107400	Tariq, M.; Upadhyay, D.; Khan, S.A.; Mosaad, M.I.; Banakhr, F.A.	2021107504	Saini, V.; Saini, A.K.; Saini, R.V.; Chaudhary, S.K.; Midha, Y.; Singh, L.
2021107404	Totewad, N.D.; Kshirsagar, R.; Bhosale, H.J.; Temb-hurne, R.R.; Thakur, R.Y.; Sanap, G.B.; Dhuldhaj, U.P.	2021107505	Saini, V.; Saini, A.K.; Saini, R.V.; Chaudhary, S.K.; Midha, Y.; Singh, L.
2021107408	Allagi, S.; Rachh, R.; K, S.	2021107511	Javeed Hussain, S.; Hasan, R.; Mahmood, S.; Jilani, S.A.; Asif Hussain, S.
2021107413	Subramanian, A.; Subramanian, S.K.	2021107512	Singh, L.; Saini, V.; Saini, A.K.; Saini, R.V.; Chaudhary, S.K.; Midha, Y.; Goyal, G.; Mittal, A.
2021107417	Bansal, S.; Aggarwal, H.; Aggarwal, M.	2021107513	Singh, L.; Saini, V.; Saini, A.K.; Saini, R.V.; Chaudhary, S.K.; Midha, Y.; Goyal, G.; Mittal, A.
2021107425	Mishra, P.; Girdhar, A.	2021107518	KUMAR, M.; SHARMA, A.; MALIK, A.; DORA, C.P.; GUPTA, S.; TIWARI, A.; TIWARI, V.; SAHOO, B.M.; SAINI, (V.
2021107426	Gabhane, M.; Wankhede, U.; Awate, N.; Raut, A.; Chakrabarty, S.; Behede, B.; Pitale, A.	2021107520	Reddy, T.M.
2021107427	Arun, M.R.; Pandiyarajan, R.; Manohar, S.; Kumar, P.; Rayudu, P.S.; Lakshmi, S.L.; Jeyasimman, D.; Srin-agesh, A.; Venkatesh, K.; S C, V.; Kumar, M.; Bansal, A.; Santhi, P.K.	2021107601	Otto Graf GmbH Kunststoffzeugnisse
2021107428	SEMALTY, A.; SEMALTY, M.	2021107602	Fortescue Metals Group Ltd
2021107439	P., V.; Shankar, S.M.U.; S., K.; Velayutham, M.; Srinivasan, R.; V. P., K.	2021107603	Slack Technologies, Inc.
2021107441	Pareek, P.; M P, N.; R S, V.; Dixit, S.; Sangani, S.; G, R.; C, S.; D, B.; Shetteppanavar, P.	2021107604	AutoPacific Australia Pty Ltd
2021107442	Das, N.; Sajjan, R.; Makubhai, S.	2021107605	Linix Technology Pty Ltd
2021107444	ADDEPALLI, L.; S D, V.S.; VARMA, A.; LLORET MAURI, J.; PANWAR, D.; YOGESHWAR, N.; C J, P.; KACHHAWA, S.	2021107606	Glenvar Pastoral Company Pty Ltd
		2021107607	Hallamore, D.

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

2002315322 (14) 2002322002 (14) 2002338477 (14)
 2002338496 (14)

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

2001

2001085503 (14) 2001085508 (14) 2001085524 (14)
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Assignments before Grant, Section 113

2016

2016267585 Fresh Cut Development, LLC The application has been assigned to **Radius Pharmaceuticals, Inc.**

2017

2017363964 Aratinga.Bio Aio The application has been assigned to **Ixaka France SAS**

2017363967 Arating.Bio Aio The application has been assigned to **Ixaka France SAS**

2018

2018229926 Huawei Technologies Co., Ltd. The application has been assigned to **Huawei Digital Power Technologies Co., Ltd.**

2018354458 The Crown in Right of the State of South Australia The application has been assigned to **Addinsight Pty Ltd**

2018430192 University of Sydney; Commonwealth Scientific and Industrial Research Organisation The application has been assigned to **Redbelly Blockchain Holdings Pty Ltd**

2019

2019261597 Grail, Inc. The application has been assigned to **Grail, LLC**

2019316745 Ocado Innovation Limited The application has been assigned to **Jones Food Company Limited**

2019343425 Huawei Technologies Co., Ltd. The application has been assigned to **Huawei Digital Power Technologies Co., Ltd.**

2019355933 Cser, Tamas; Seaton, Jonathon The application has been assigned to **Functionize, Inc.**

2019364869 Reid, Frédéric The application has been assigned to **Dickson24 Inc.**

2019447744 Huawei Technologies Co., Ltd. The application has been assigned to **Huawei Digital Power Technologies Co., Ltd.**

2020

2020214518 Medshine Discovery Inc. The application has been assigned to **Shanghai Fosun Pharmaceutical Industrial Development Co., Ltd.**

2020229809 Wu, Yeh B; Arjil Biotech Holding Company Limited The application has been assigned to **Arjil Biotech Holding Company Limited**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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.

2013

2013204064 **Tulli Pty Ltd** An application to extend the time from 11 Apr 2021 to 11 Nov 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014

2014201803 **Trade Management Systems Pty Ltd** An application to extend the time from 26 Mar 2021 to 26 Nov 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2016

2016100425 **Adams, K.W.; Whimpey, D.; Whimpey, N.; Adams, S.** An application to extend the time from 19 Apr 2021 to 19 Nov 2021 in which to pay a renewal fee has been filed . Address for service - CEDRIC ROCKER PTY LTD 109 Pacific Bvd Buddina QLD 4575 AU

2016273835 **Ningbo Fujia Industrial Co., Ltd.** An application to extend the time from 02 Apr 2021 to 02 Sep 2021 in which to request examination has been filed . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2017

2017213715 **Sonoco Development, Inc.** An application to extend the time from 30 Jan 2021 to 30 Sep 2021 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2018

2018100970 **LG Electronics Inc.** An application to extend the time from 31 Mar 2021 to 30 Nov 2021 in which to pay a renewal fee has been filed . Address for service - Dentons Patent Attorneys Australasia Limited 18 Viaduct Harbour Avenue Auckland CBD 1142 NZ

Applications Allowed - Section 223(2)

2014

2014101321 **MILL PARK TRADING PTY LTD** The time in which to pay a renewal fee has been extended to 02 Jun 2021 . Address for service - Caska Intellectual Property Pty Ltd 6/201 Kent Street Sydney NSW 2000 AU

2020

2020234661 **COTILLON, Jean-Louis** The time in which to enter the National Phase has been extended to 14 Nov 2021 . Address for service - Caska Intellectual Property Pty Ltd Level 6, 201 Kent Street Barangaroo NSW 2000 AU

2021

2021202553 **LADANYI, R.** The time in which to request examination has been extended to 11 Aug 2021 . Address for service - A.P.T. Patent and Trade Mark Attorneys PO Box 833 BLACKWOOD SA 5051 AU

Amendments**Applications for Amendment**

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

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

2010

2010219331 System for identification of a lost animal **Axelrod, D.** The nature of the amendment is as shown in the statement(s) filed 03 Nov 2021. Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2016

2016210889 Anti-transthyretin antibodies **Prothena Biosciences Limited; University Health Network** The nature of the amendment is as shown in the statement(s) filed 04 Nov 2021. Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016262969 Substituted tetrahydroquinolinone compounds as ROR gamma modulators **Aurigene Discovery Technologies Limited** The nature of the amendment is as shown in the statement(s) filed 21 Oct 2021. Address for service - Adrian M Trioli Patent and Trade Mark Attorney PO Box 145 East Melbourne VIC 8002 AU

2016263309 A highly concentrated powdered oleoresin composition and process for preparation thereof **Parachur, V.** The nature of the amendment is: Remove the name of co-inventor Ravichandran, Sripathy and Add the name of co-inventor NIRVANASHETTY, Somashekara. Address for service - Acumen Intellectual Property PO Box 140 Berridale NSW 2628 AU

2017

2017206102 Compositions and methods for generating an immune response to a tumor associated antigen **GeoVax Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2021. Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017340816 Melanocortin-1-receptor agonists **DSM IP Assets B.V.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2021. Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018261988 Communication method and communications apparatus **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2021. Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2018307762 Water-resistant polymer-based dental articles **3M Innovative Properties Company** The nature of the amendment is as shown in the statement(s) filed 13 Oct 2021. Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018330633 1-(4-(isoxazol-5-yl)-1H-pyrazol-1-yl)-2-methylpropan-2-OL derivatives and related compounds as IL-17 and IFN-gamma inhibitors for treating autoimmune diseases and chronic inflammation

Amendments

Immunic AG The nature of the amendment is as shown in the statement(s) filed 27 Sep 2021. Address for service - Davies Collison Cave Pty Ltd Level 14 255 Elizabeth St Sydney NSW 2000 AU

2018364772 Frictionless catheter **Teleflex Life Sciences Unlimited Company** The nature of the amendment is as shown in the statement(s) filed 02 Nov 2021. Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2018449531 Systems and methods for the capture of heat energy, long-distance conveyance, storage, and distribution of the captured-heat energy and power generated therefrom **Lochterra Inc.** The nature of the amendment is as shown in the statement(s) filed 28 Oct 2021. Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019209832 Methods and devices for delivering atropine to the eye as a micro-dose stream of droplets **Eyenovia, Inc.** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2021. Address for service - RNB IP PTY LTD PO Box 9530 Deakin ACT 2600 AU

2020

2020101420 COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM **Tritana Intellectual Property Ltd.** The nature of the amendment is as shown in the statement(s) filed 19 Oct 2021. Address for service - IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD PO Box 1321 SPRINGWOOD QLD 4127 AU

Amendments Made**2014**

2014249190 **Meso Scale Technologies, LLC.** The nature of the amendment is as shown in the statement filed 26 Jul 2021

2014370386 **Cytec Industries Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Aug 2021

2015

2015269348 **The Regents of the University of Colorado, a body corporate** The nature of the amendment is as shown in the statement filed 30 Jun 2021

2015364557 **Genzyme Corporation** The nature of the amendment is as shown in the statement filed 28 Jul 2021

2016

2016209034 **Riggs, R.** The nature of the amendment is: Application is to proceed under the number 2016102483

2016231516 **Schneider Electric USA, Inc.** The nature of the amendment is as shown in the statement(s) filed 31 Jul 2021

2016278774 **Nabriva Therapeutics GmbH** The nature of the amendment is as shown in the statement filed 10 Aug 2021

2016281622 **Immunomedics, Inc.** The nature of the amendment is as shown in the statement filed 04 Aug 2021

Amendments

2016289420 **Yara International ASA** The nature of the amendment is as shown in the statement filed 09 Jul 2021

2016293230 **Maxsun (Dalian) Co., Ltd** The nature of the amendment is as shown in the statement filed 14 Jul 2021

2017

2017229360 **The Alfred E. Mann Foundation for Scientific Research** The nature of the amendment is as shown in the statement filed 23 Jul 2021

2017298360 **Eos Energy Storage, LLC** The nature of the amendment is as shown in the statement filed 02 Nov 2021

2018

2018201720 **ESCO Group LLC** The nature of the amendment is as shown in the statement filed 08 Jul 2021

2018221731 **Denali Therapeutics Inc.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2021

2018246214 **Tesaro, Inc.; Merck Sharp and Dohme Corp.** The nature of the amendment is: Amend the name of the inventor to read u, George; Chaber, John; McKeown, Arlene E. and Foley, Jennifer R.

2018256841 **Covered Insurance Solutions, Inc.** The nature of the amendment is: Application is to proceed under the number 2018102230

2018271157 **Merus N.V.** The nature of the amendment is as shown in the statement filed 05 Aug 2021

2018300549 **Siemens Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 10 Jun 2021

2018346776 **Biomason Inc.** The nature of the amendment is: To amend the applicant name to read Biomason Inc.

2018366562 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 04 Aug 2021

2018425106 **Hefei Midea Refrigerator Co., Ltd.; Hefei Hualing Co., Ltd.; Midea Group Co., Ltd.** The nature of the amendment is as shown in the statement filed 21 Jul 2021

2019

2019100172 **PLUNGIE IP PTY LTD** The nature of the amendment is as shown in the statement filed 21 Aug 2020

2019202688 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read LEMAY, Stephen O.; JOBS, Steven P.; FORSTALL, Scott; CHRISTIE, Greg; NOVICK, Gregory; VAN OS, Marcel; COFFMAN, Patrick Lee and CHAUDHRI, Imran

2019204047 **Arizona Board of Regents, a body corporate of the State of Arizona acting for and on behalf of Arizona State University** The nature of the amendment is as shown in the statement filed 30 Jul 2021

Amendments

2019207314 **Advanced New Technologies Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 03 Aug 2021

2019264516 **PayPal, Inc.** The nature of the amendment is as shown in the statement filed 29 Jul 2021

2019268100 **CoreLogic Solutions, LLC** The nature of the amendment is: Amend the name of a co-inventor to read Jeffery, Thomas C.

2019306267 **Seminis Vegetable Seeds, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Oct 2021

2019440921 **Sports-Net Co., Ltd.** The nature of the amendment is: Amend the invention title to read GOGGLE

2019441037 **Fifth Arm Surgical, LLC** The nature of the amendment is as shown in the statement filed 27 Sep 2021

2020

2020101106 **Institute of Geology and Geophysics, Chinese Academy of Sciences** The nature of the amendment is as shown in the statement filed 14 Oct 2021

2020232699 **The Regents of the University Of Colorado, a body corporate** The nature of the amendment is: Amend the name of a co-inventor to read SRUBAR III, Wil V.

2020241562 **Digital Medical Technologies, LLC (d/b/a AdhereTech)** The nature of the amendment is: Amend the name of the inventor to read STEIN, Joshua D.; MORENA, Michael C.; WALDENBURG, Christopher Ryan; GUSZ, John D. and LIU, Ryan

2020246080 **GC Corporation** The nature of the amendment is: Amend the invention title to read Dental Addition Silicone Composition

2020247468 **Immunocore Limited** The nature of the amendment is: Amend the invention title to read Binding molecules specific for HBV envelope protein

2020253585 **Mission Bio, Inc.** The nature of the amendment is: Amend the invention title to read Methods, systems, and apparatus for nucleic acid detection

2020253853 **Yonsei University, University - Industry Foundation (UIF)** The nature of the amendment is: Amend the invention title to read NOVEL COMPOUND AND METHOD FOR PREVENTING OR TREATING OF RESPIRATORY DISEASE COMPRISING THE SAME AS AN ACTIVE INGREDIENT

2020254709 **SMC Technologies Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2020104471

2020255264 **Südzucker AG** The nature of the amendment is: Amend the invention title to read Method for producing a confectionery product having a sugar-free coating covering

2020262410 **Automated Pet Care Products, LLC** The nature of the amendment is as shown in the statement filed 24 Sep 2021

Amendments

2020263292 **Meso Scale Technologies, LLC.** The nature of the amendment is: Amend the name of a co-inventor to VanderSarl, Jules

2020270237 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read TERMINAL INFORMATION PROCESSING METHOD AND APPARATUS, AND SYSTEM

2020270915 **Phenom People** The nature of the amendment is: Amend the name of the inventor to read BAYIREDDI, Mahe; BAYIREDDY, Hari; AKELLA, Sivanand; DEVINENI, Suresh Babu; ALAPATI, S.S.S. Venkateswara Rao; NYSHADHAM, Shivaramkrishna and GOLDIN, Ilya

2020271467 **Scripps Korea Antibody Institute** The nature of the amendment is: Amend the invention title to read Antibodies against programmed death-ligand 1 and uses thereof

2020272734 **MacroGenics, Inc.** The nature of the amendment is: Amend the invention title to read Dosing regimens of bispecific CD123 x CD3 diabodies in the treatment of hematologic malignancies

2020272936 **Purdue Research Foundation** The nature of the amendment is: To amend the applicant name to read Purdue Research Foundation

2020272974 **Prevail Therapeutics, Inc.** The nature of the amendment is: Amend a priority detail to read 62/988,665 12 Mar 2020 US

2020273810 **Shin Nippon Biomedical Laboratories, Ltd.** The nature of the amendment is: Amend the invention title to read Powder formulation for intranasal administration, and manufacturing method thereof

2020281170 **Monsanto Technology LLC o** The nature of the amendment is as shown in the statement filed 05 Aug 2021

2020286845 **Komatsu Ltd.** The nature of the amendment is: Amend the invention title to read System for managing work site and method for managing work site

2021

2021103297 **Sichuan Animal Science Academy** The nature of the amendment is: Amend the name of the inventor to read QIU, Mo-han; YANG, Chaowu; XIONG, Xia; YAN, Honglin; YU, Chunlin; XIA, Bo; PENG, Han; CHEN, Jialei and ZHANG, Zengrong

2021105184 **RAO, G.J.; RAO, Y.C.; MELINGI, S.B.; KUMARI, L.V.R.; REDDY, V.S.; BIKSHALU, K.; GUPTA, N.P.; MANTRAVADI, N.; SHARIEF, A.H.; BHAVANI, S.** The nature of the amendment is: Amend the name of the inventor to read RAO, GEDELA JAGGA; RAO, YANGALA CHALAPATHI; MELINGI, SUNIL BABU; KUMARI, LAVU V RAJANI; REDDY, VUMANTHALA SAGAR; BIKSHALU, K.; GUPTA, NARBADHA PRASAD; MANTRAVADI, NAGESH; SHARIEF, ABDUL HUSSAIN and BHAVANI, S.

2021236471 **Snap-on Incorporated** The nature of the amendment is: Application is to proceed under the number 2021107600

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

Amendments

2003

2003247539 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2007

2007333301 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009

2009238422 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009239528 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009239543 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009239549 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009239550 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009239566 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009239586 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009256412 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2009305650 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2010

2010266423 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2010271311 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2010273773 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2011

2011271164 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2011329882 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

2012

2012268422 Nalco Company altered to **ChampionX LLC** The name of the patentee has been altered to **ChampionX LLC**

Amendments

2012336054 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2013

2013239828 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2013249130 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2013266411 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2013361681 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2016

2016202902 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2016225821 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2016348413 Latch, Inc. The name of the applicant has been altered to **Latch Systems, Inc.**

2017

2017324945 Latch, Inc. The name of the applicant has been altered to **Latch Systems, Inc.**

2018

2018223046 Seventh Sense Biosystems, Inc. The name of the patentee has been altered to **YourBio Health, Inc.**

2018246214 Tesaro, Inc. The name of the applicant has been altered to **Tesaro, Inc.; Merck Sharp and Dohme Corp.**

2018250400 Nalco Company The name of the patentee has been altered to **ChampionX LLC**

2019

2019390996 China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co.,Ltd. The name of the applicant has been altered to **China University of Mining and Technology; Xuzhou Goldfluid Hydraulic Technology Development Co., Ltd.**

2020

2020202365 Tekmira Pharmaceuticals Corporation The name of the applicant has been altered to **Arbutus Biopharma Corporation**

2020202814 Seventh Sense Biosystems, Inc. The name of the patentee has been altered to **YourBio Health, Inc.**

2020243393 HEALTHTECH CONNEX INC. The name of the applicant has been altered to **Health Tech Connex Inc.**

Amendments**2021**

2021105184 TELLA ANIL RAJU; K. SOWMYA ; M. SIVA RAMA KRISHNA REDDY ; SK. IMRAN ; T. AMAR BABU ; B. RAJESWARI ; SUNIL BABU MELINGI ; M.Y. BHANU MURTHY ; T. VIJAY RAJEEV The name of the applicant has been altered to **RAO, G.J.; RAO, Y.C.; MELINGI, S.B.; KUMARI, L.V.R.; REDDY, V.S.; BIKSHALU, K.; GUPTA, N.P.; MANTRAVADI, N.; SHARIEF, A.H.; BHAVANI, S.**

2021232809 Seventh Sense Biosystems, Inc. The name of the applicant has been altered to **YourBio Health, Inc.; Seventh Sense Biosystems, Inc.**

2021254670 Ganalila The name of the applicant has been altered to **Ganalila, LLC**

Applications Open to Public Inspection

Name Index

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

(71) 360 Knee Systems Pty Ltd
 (11) AU-A-2021254566
 (21) 2021254566 (22) 20.10.2021
 (54) Positioning guide system with sensor
 (51) Int. Cl.
A61B 17/15 (2006.01)
A61B 17/17 (2006.01)
 (43) 18.11.2021
 (62) 2016291299
 (72) HOGAN, Jason Keith; THEODORE, Willy; MILES, Brad Peter; O'CONNOR, Peter Bede
 (74) FB Rice Pty Ltd

(71) 4D Pharma Research Limited
 (11) AU-A-2021254635
 (21) 2021254635 (22) 22.10.2021
 (54) Compositions comprising bacterial strains
 (51) Int. Cl.
A61K 35/74 (2015.01)
A61K 35/745 (2015.01)
A61P 1/00 (2006.01)
A61P 11/06 (2006.01)
A61P 19/02 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C12N 1/20 (2006.01)
 (43) 18.11.2021
 (62) 2020244599
 (72) Grant, George; Patterson, Angela Margaret; Mulder, Imke; McCluskey, Sean-in; Raftis, Emma
 (74) FB Rice Pty Ltd

(71) 8me Nova, LLC
 (11) AU-A-2020389481
 (21) 2020389481 (22) 16.12.2020
 (54) Method for implementing power delivery transaction for potential electrical output of Integrated renewable energy source and energy storage system facility
 (51) Int. Cl.
G06Q 10/04 (2012.01)
G06Q 50/06 (2012.01)
H02J 3/00 (2006.01)
H02J 3/04 (2006.01)
H02S 10/20 (2014.01)
H02S 40/38 (2014.01)
H02S 50/00 (2014.01)
 (31) 63/020,009 (32) 04.05.20 (33) US
 (43) 18.11.2021
 (72) ZANONE, Leigh; BUTTGEBACH, Thomas; HANSEN, Lukas; GARNEAU-HALLIDAY, Philippe; ARNOLD, Emily; PERRY, Stephanie; PERRIER, Julia
 (74) RnB IP Pty Ltd

(71) ACOUSIA THERAPEUTICS GMBH
 (11) AU-A-2021254653
 (21) 2021254653 (22) 22.10.2021
 (54) Novel compounds useful as potassium channel openers
 (51) Int. Cl.
C07D 333/24 (2006.01)
A61K 31/381 (2006.01)
A61P 27/16 (2006.01)
 (43) 18.11.2021
 (62) 2018227005
 (72) BÖS, Michael
 (74) Griffith Hack

Acres, J. see Acres Technology
 (21) 2021202584

 (71) Acres Technology; Acres, J.
 (11) AU-A-2021202584
 (21) 2021202584 (22) 27.04.2021
 (54) System for Isolating Players of Electronic Gaming Machines on a Network of Electronic Gaming Machines
 (51) Int. Cl.
G07F 17/32 (2006.01)
A63F 9/24 (2006.01)
 (31) 63/019,123 (32) 01.05.20 (33) US
 16/866,267 04.05.20 US
 (43) 18.11.2021
 (72) Acres, John F.; Acres, James
 (74) Golja Haines & Friend

(71) Acres Technology
 (11) AU-A-2021254637
 (21) 2021254637 (22) 22.10.2021
 (54) Bonus with Proximity of Occurrence Related to Base Game Outcomes or Payout Percentage
 (51) Int. Cl.
A63F 13/00 (2014.01)
G07F 17/34 (2006.01)
 (43) 18.11.2021
 (62) 2019253842
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Aegis Therapeutics, LLC; ARS Pharmaceuticals Inc.
 (11) AU-A-2021254650
 (21) 2021254650 (22) 22.10.2021
 (54) Intranasal epinephrine formulations and methods for the treatment of disease
 (51) Int. Cl.
A61K 31/137 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)

(43) 18.11.2021
 (62) 2019217643
 (72) LOWENTHAL, Richard; MAGGIO, Edward T.; BELL, Robert G.; SHAH, Pratik
 (74) FB Rice Pty Ltd

(71) AFINITI, LTD.
 (11) AU-A-2021250985
 (21) 2021250985 (22) 15.10.2021
 (54) TECHNIQUES FOR BENCHMARKING PERFORMANCE IN A CONTACT CENTER SYSTEM
 (51) Int. Cl.
G06Q 10/06 (2012.01)
 (43) 18.11.2021
 (62) 2020230328
 (72) CHISHTI, Zia
 (74) AJ PARK

(71) AKER Biomarine Antarctic AS
 (11) AU-A-2021254620
 (21) 2021254620 (22) 21.10.2021
 (54) BIO EFFECTIVE KRILL OIL COMPOSITIONS
 (51) Int. Cl.
A61K 35/60 (2006.01)
 (43) 18.11.2021
 (62) 2019202956
 (72) Mancinelli, Daniele; Bruheim, Inge; Tilseth, Snorre; Griinari, Mikko; Banni, Sebastiano; Cohn, Jeffrey
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Alessi, P.
 (11) AU-A-2021254594
 (21) 2021254594 (22) 20.10.2021
 (54) Brush harvesters operable by hand and by a vehicle
 (51) Int. Cl.
A01D 45/30 (2006.01)
A01D 45/00 (2018.01)
 (43) 18.11.2021
 (62) 2019232860
 (72) Alessi, Paul
 (74) Acumen Intellectual Property

(71) Ammonett Pharma LLC
 (11) AU-A-2021254600
 (21) 2021254600 (22) 21.10.2021
 (54) DETECTING AND TREATING GROWTH HORMONE DEFICIENCY
 (51) Int. Cl.
A61K 31/395 (2006.01)
A61K 31/404 (2006.01)
C07D 471/02 (2006.01)
 (43) 18.11.2021
 (62) 2020233715
 (72) THORNER, Michael Oliver
 (74) James & Wells Intellectual Property

Applications Open to Public Inspection - Name Index cont'd

(71) Apple Inc.
(11) AU-A-2021254567
(21) 2021254567 **(22)** 20.10.2021
(54) User interfaces for capturing and managing visual media
(51) Int. Cl.
G06F 3/048 (2013.01)
(43) 18.11.2021
(62) 2021203210
(72) MANZARI, Behkish J.; BROUGHTON, Lee S.; DESHPANDE, Alok; DYE, Alan C.; FEDERIGHI, Craig M.; GIRLING, Lukas Robert Tom; HANKEY, Martha E.; HUBEL, Paul; LUPINETTI, Nicholas; MCCORMACK, Jonathan; PAUL, Grant; PRESTON, Daniel Trent; SORRENTINO III, William A.; SOUZA DOS SANTOS, Andre; BRASKET, Jeffrey A.; JENSEN, Rasmus R.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021254568
(21) 2021254568 **(22)** 20.10.2021
(54) Device, method, and graphical user interface for providing tactile feedback for operations performed in a user interface
(51) Int. Cl.
G06F 3/0488 (2013.01)
G06F 3/01 (2006.01)
(43) 18.11.2021
(62) 2019268116
(72) BERNSTEIN, Jeffrey Traer; MISSIG, Julian; CIEPLINSKI, Avi E.; KHOE, May-Li; COSTANZO, Bianca C.; ROTH, Rachel A.; EVANS, Matthew; ROBERTS, Samuel M.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021254570
(21) 2021254570 **(22)** 20.10.2021
(54) Systems, devices, and methods for dynamically providing user interface controls at a touch-sensitive secondary display
(51) Int. Cl.
G06F 3/0488 (2013.01)
G06F 1/16 (2006.01)
(43) 18.11.2021
(62) 2019219760
(72) SEPULVEDA, Raymond S.; WONG, Chun Kin Minor; COFFMAN, Patrick L.; EDWARDS, Dylan R.; WILSON, Eric Lance; SUZUKI, Gregg S.; WILSON, Christopher I.; YANG, Lawrence Y.; SOUZA DOS SANTOS, Andre; BERNSTEIN, Jeffrey T.; KERR, Duncan R.; MORRELL, John B.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021254574
(21) 2021254574 **(22)** 20.10.2021

(54) Image data for enhanced user interactions
(51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/048 (2013.01)
G06F 21/32 (2013.01)
G06F 21/60 (2013.01)
G06K 9/00 (2006.01)
H04N 5/232 (2006.01)
(43) 18.11.2021
(62) 2018270420
(72) MALIA, Joseph A.; BERENSON, Adi; BEREZA, Marek; BERNSTEIN, Jeffrey Traer; GIRLING, Lukas Robert Tom; HAUENSTEIN, Mark; HOFFNUNG, Amir; LINDMEIER, William D.; MISSIG, Julian
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021254585
(21) 2021254585 **(22)** 20.10.2021
(54) Displaying options, assigning notification, ignoring messages, and simultaneous user interface displays in a messaging application
(51) Int. Cl.
G06F 3/0482 (2013.01)
G06F 3/0488 (2013.01)
G06Q 10/10 (2012.01)
H04L 12/58 (2006.01)
H04M 1/725 (2021.01)
(43) 18.11.2021
(62) 2020201849
(72) YANG, Lawrence Y.; LEMAY, Stephen O.; JON, Tiffany S.
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021254633
(21) 2021254633 **(22)** 22.10.2021
(54) Digital touch on live video
(51) Int. Cl.
G06F 3/0487 (2013.01)
G06F 3/0481 (2013.01)
G06F 3/0488 (2013.01)
(43) 18.11.2021
(62) 2019283776
(72) CHAUDHRI, Imran; ANZURES, Freddy Allen; KING, Nicholas V.
(74) FPA Patent Attorneys Pty Ltd

(71) Arc Medical Devices Inc.
(11) AU-A-2021254608
(21) 2021254608 **(22)** 21.10.2021
(54) HIGHLY PURIFIED FUCANS FOR THE TREATMENT OF FIBROUS ADHESIONS
(51) Int. Cl.
C08B 37/00 (2006.01)
A61K 31/737 (2006.01)
A61P 41/00 (2006.01)
(43) 18.11.2021
(62) 2019310194
(72) SPRINGATE, Christopher Michael Kevin; MILLET, Ian; DASWANI, Sailesh

Haresh; SUN, Hesong; YANG, Aileen Shao Ting; WONG, Hoi Ting
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD

(71) Aristocrat Technologies, Inc
(11) AU-A-2021202704
(21) 2021202704 **(22)** 30.04.2021
(54) ULTRAVIOLET DISINFECTION AND SANITIZING SYSTEMS AND METHODS FOR ELECTRONIC GAMING DEVICES AND OTHER GAMING EQUIPMENT
(51) Int. Cl.
G07F 17/32 (2006.01)
A61L 2/10 (2006.01)
(31) 63/018,500 **(32)** 30.04.20 **(33)** US
 63/026,557 18.05.20 US
 17/243,279 28.04.21 US
(43) 18.11.2021

(72) URBAN, Bruce; COPPOLA, Roberto; JADEJA, Rajendrasinh; RODRIGUEZ, Frank; PUROHIT, Nimish; APPLE, Sandra; THOMAS, Alfred; HENDRICKSON, Scott; SHAFFER, JR., Stephen; GONG, Xiaogiang; KAMINKOW, Joseph; CLEVELAND, Christopher; TURGEL, Ariel; HARDEN, Daniel; NAKAZAWA, Akifusa; MARTIN, Benjamin
(74) Griffith Hack

(71) Arizona Board of Regents on Behalf of The University of Arizona
(11) AU-A-2021254621
(21) 2021254621 **(22)** 21.10.2021
(54) METHODS AND SYSTEMS FOR REAL-TIME ASSESSMENT OF CELLS IN ENCAPSULATION DEVICES PRE- AND POST-TRANSPLANTATION
(51) Int. Cl.
A01G 33/00 (2006.01)
C12N 1/12 (2006.01)
(43) 18.11.2021
(62) 2017396754
(72) Papas, Klearchos K.
(74) Madderns Pty Ltd

(71) ARQ IP Limited
(11) AU-A-2021257899
(21) 2021257899 **(22)** 25.10.2021
(54) Fuel oil / particulate material slurry compositions and processes
(51) Int. Cl.
C10L 1/32 (2006.01)
(43) 18.11.2021
(62) 2017246679
(72) Snaith, Paul; Unsworth, John Francis
(74) Allens Patent & Trade Mark Attorneys

ARS Pharmaceuticals Inc. see Aegis Therapeutics, LLC
(21) 2021254650

(71) Arvinas Operations, Inc.
(11) AU-A-2021257895
(21) 2021257895 **(22)** 25.10.2021

Applications Open to Public Inspection - Name Index cont'd

- (54) TETRAHYDRONAPHTHALENE AND TETRAHYDROISOQUINOLINE DERIVATIVES AS ESTROGEN RECEPTOR DEGRADERS
 (51) Int. Cl.
C07D 417/14 (2006.01)
A61K 31/4725 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
 (43) 18.11.2021
 (62) 2021204549
 (72) Crew, Andrew P.; Qian, Yimin; Dong, Hanqing; Wang, Jing; Hornberger, Keith R.; Crews, Craig M.
 (74) Phillips Ormonde Fitzpatrick
-
- (71) Asiatic Innovations Pty Ltd
 (11) AU-A-2021257916
 (21) 2021257916 (22) 26.10.2021
 (54) Transport and rail infrastructure monitoring system
 (51) Int. Cl.
B61L 3/16 (2006.01)
B61K 9/00 (2006.01)
B61L 1/00 (2006.01)
 (43) 18.11.2021
 (62) 2019396832
 (72) Vivian, Glenn; Hogg, Peter Hamilton
 (74) Intellepro
-
- (71) ASP Global Manufacturing GmbH
 (11) AU-A-2021257917
 (21) 2021257917 (22) 26.10.2021
 (54) Compositions for treatment and methods for making and using the same
 (51) Int. Cl.
C11D 3/48 (2006.01)
A01N 37/46 (2006.01)
C11D 1/62 (2006.01)
C11D 3/20 (2006.01)
C11D 3/34 (2006.01)
C11D 3/386 (2006.01)
C11D 11/00 (2006.01)
 (43) 18.11.2021
 (62) 2019293287
 (72) FARVID, Shokouh; OMIDBAKHS, Navid; NOWRUZI, Keyvan
 (74) Spruson & Ferguson
-
- (71) Assent Financial Services Pty Ltd; Miller, N.
 (11) AU-A-2020202448
 (21) 2020202448 (22) 04.05.2020
 (54) Directors Guarantee Insurance Product - provides insurance cover for an amount a director has personally guaranteed if called upon
 (51) Int. Cl.
G06Q 40/08 (2012.01)
G06Q 50/18 (2012.01)
G06Q 90/00 (2006.01)
 (43) 18.11.2021
 (72) Miller, Nathan
 (74) Nathan Miller
-
- (71) AstraZeneca AB
 (11) AU-A-2021257915
 (21) 2021257915 (22) 26.10.2021
 (54) STABLE ANTI-IFNAR1 FORMULATION
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/18 (2006.01)
C07K 16/28 (2006.01)
C12P 21/00 (2006.01)
C12P 21/08 (2006.01)
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 (51) Int. Cl.
C07C 229/02 (2006.01)
C07C 227/16 (2006.01)
C07C 321/12 (2006.01)
C07K 1/02 (2006.01)
C07K 14/00 (2006.01)
C07K 14/435 (2006.01)
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 (74) AJ PARK
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C02F 1/463 (2006.01)
B04C 5/10 (2006.01)
B04C 5/103 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd
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- (71) Axiflux Holdings Pty Ltd
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 (51) Int. Cl.
H02K 11/21 (2016.01)
B60L 1/00 (2006.01)
B60L 3/00 (2019.01)
B60L 7/14 (2006.01)
B60L 8/00 (2006.01)
B60L 15/00 (2006.01)
B60L 15/02 (2006.01)
B60L 15/20 (2006.01)
B60L 50/16 (2019.01)
B60L 50/40 (2019.01)
B60L 50/51 (2019.01)
B60L 50/60 (2019.01)
B60L 58/16 (2019.01)
B60L 58/21 (2019.01)
B60L 58/40 (2019.01)
H02K 1/12 (2006.01)
H02K 3/04 (2006.01)
H02K 7/116 (2006.01)
H02K 11/33 (2016.01)
H02K 16/00 (2006.01)
H02P 3/12 (2006.01)
H02P 3/14 (2006.01)
H02P 3/22 (2006.01)
H02P 3/24 (2006.01)
H02P 6/14 (2016.01)
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H02P 23/00 (2016.01)
B60K 6/405 (2007.10)
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C12N 15/82 (2006.01)
A01H 5/00 (2018.01)
A01H 5/10 (2018.01)
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 (74) Griffith Hack
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 (51) Int. Cl.
A61M 39/16 (2006.01)
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B32B 37/12 (2006.01)
B32B 37/20 (2006.01)
B32B 38/00 (2006.01)
B65D 65/16 (2006.01)
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 (72) Boyd, Jason; Hammond, Catherine; Walker, Stephen
 (74) Origin Patent and Trade Mark Attorneys

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A61K 31/496 (2006.01)
A61P 35/00 (2006.01)

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A61F 2/30 (2006.01)
A61B 17/16 (2006.01)
A61B 17/92 (2006.01)

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A61N 1/36 (2006.01)

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A61F 2/26 (2006.01)

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A47J 31/06 (2006.01)
A47J 31/10 (2006.01)
A47J 31/24 (2006.01)

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H04N 19/00 (2014.01)
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H04N 19/124 (2014.01)
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H04N 19/176 (2014.01)
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G06F 21/62 (2013.01)
G06F 3/0481 (2013.01)
G06K 7/10 (2006.01)
H04L 29/06 (2006.01)
H04W 12/02 (2009.01)
H04W 12/06 (2021.01)

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G06Q 20/38 (2012.01)
G06K 7/10 (2006.01)
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A41D 13/01 (2006.01)
A41D 19/00 (2006.01)
A63B 71/14 (2006.01)
B60Q 1/26 (2006.01)
B62J 6/26 (2020.01)
F21V 3/00 (2015.01)
F21V 33/00 (2006.01)
G08B 5/38 (2006.01)
F21W 107/13 (2018.01)
F21Y 115/10 (2016.01)
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 (54) Oral care implement
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C07H 19/02 (2006.01)
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 eases and methods of isolating them
 (51) Int. Cl.
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A61P 3/10 (2006.01)
A61P 35/00 (2006.01)
C07J 67/00 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) TREATMENT OF CHOLESTATIC
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 CD71 antibodies, and methods of use
 thereof

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A61P 35/00 (2006.01)
C07K 7/08 (2006.01)
C07K 16/28 (2006.01)
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 Desnoyers, Luc Roland
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 (54) Devices and methods for ablation of the
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B62D 55/065 (2006.01)
B62D 55/116 (2006.01)
E02F 3/43 (2006.01)
 (31) 16/861,409 (32) 29.04.20 (33) US
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 plicators therefor, and associated meth-
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 BLACKWELL, Jennifer; DAVIS,
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 ian K.; ESTES, Michael J.; PUPA,
 Philip Thomas; GOLDSMITH, Timothy
 Joseph; KELLER, Kyle Tinnell
 (74) FB Rice Pty Ltd

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 (54) Membrane layers for analyte sensors
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A61B 5/145 (2006.01)
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(71) Dow AgroSciences LLC
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C07D 401/04 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 ENTLY ATTACHED SHOCK-ABSORB-
 ING SHELL AND PROCESS FOR
 MANUFACTURING SAME
 (51) Int. Cl.

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A42B 3/04 (2006.01)
A42C 2/00 (2006.01)
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(74) Houlihan² Pty Ltd

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(21) 2021202112 **(22)** 06.04.2021
(54) SAFETY HELMET WITH MECHANICAL CODES FOR PATCH PLUGS BETWEEN THE INNER LINING AND THE SUPPORT STRUCTURE
(51) Int. Cl.
A42B 3/04 (2006.01)
A42B 3/08 (2006.01)
A42B 3/10 (2006.01)
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(72) FRANKE, Katja; RAHMATYAN, Jasser
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(51) Int. Cl.
A42B 3/14 (2006.01)
A42B 3/04 (2006.01)
A42B 3/08 (2006.01)
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(71) Duke University
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(51) Int. Cl.
A61K 31/00 (2006.01)
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(51) Int. Cl.
A62B 7/10 (2006.01)

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(74) A.P.T. Patent and Trade Mark Attorneys

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(54) TUNING OF A KINEMATIC RELATIONSHIP BETWEEN MEMBERS
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H02K 49/04 (2006.01)
B60L 7/28 (2006.01)
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(74) CreatelP

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(54) PIEZO ELECTROPHORETIC DISPLAY
(51) Int. Cl.
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G02F 1/1675 (2019.01)
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(51) Int. Cl.
C12N 15/10 (2006.01)
C12Q 1/6806 (2018.01)
C12Q 1/6869 (2018.01)
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B60B 39/12 (2006.01)
(31) 2020901343 **(32)** 29.04.20 **(33)** AU
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(71) Environmental Services Pty Ltd
(11) AU-A-2021202710
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(54) Compositions for improving agricultural production
(51) Int. Cl.
A01N 65/36 (2009.01)
A01P 21/00 (2006.01)
A01N 25/02 (2006.01)
A01N 31/02 (2006.01)
A01N 37/42 (2006.01)
A01N 43/12 (2006.01)
(31) 2020901369 **(32)** 30.04.20 **(33)** AU
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(72) Joyce, Kevin
(74) mdp Patent and Trade Mark Attorneys

(71) Environmental Services Pty Ltd
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(54) COMPOSITIONS FOR IMPROVING AGRICULTURAL PRODUCTION
(51) Int. Cl.
A01N 65/36 (2009.01)
A01P 21/00 (2006.01)
A01N 25/30 (2006.01)
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(72) Joyce, Kevin
(74) mdp Patent and Trade Mark Attorneys

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(51) Int. Cl.
A01N 65/36 (2009.01)
A01N 25/30 (2006.01)
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(71) Equinix, Inc.
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H04L 29/08 (2006.01)
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H04N 21/40 (2011.01)

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C08K 3/26 (2006.01)
C08L 1/02 (2006.01)
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KRITZINGER, Johannes; SCHENKER,
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(54) BREATHING ASSISTANCE APPARAT-
US
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A61M 16/06 (2006.01)
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LIMITED
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(51) Int. Cl.
A61M 16/06 (2006.01)
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(54) BREATHING ASSISTANCE APPARAT-
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Hawkins, Peter Geoffrey; Meisel, Ella
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O'Donnell, Kevin Peter; Han, Jae Chul
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G06F 21/00 (2013.01)
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C40B 50/06 (2006.01)
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Schindler, Daniel; Archer, Stephen;
Saaem, Ishtiaq
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Inc.
(11) AU-A-2021257901
(21) 2021257901 (22) 25.10.2021
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us, and methods for high throughput
microbiology applications
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C12Q 1/68 (2018.01)
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Conradson, Scott; Christey, Peter; Hal-
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specimens in liquid-based cytology pre-
servatives containing formaldehyde
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C12P 19/34 (2006.01)
C07H 21/04 (2006.01)
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Christine
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and preventing macular degeneration
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C07K 14/71 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/422 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 29/00 (2006.01)
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C07D 413/12 (2006.01)
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Gege, Christian; Kropf, Jeffrey E.; Xu,
Jianjun
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NEURAL NETWORKS
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B01J 20/08 (2006.01)
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C02F 1/42 (2006.01)
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A22C 17/00 (2006.01)
A23L 13/10 (2016.01)
A23P 10/40 (2016.01)
A23L 33/115 (2016.01)
B02C 18/14 (2006.01)
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G06Q 20/10 (2012.01)
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G06F 11/00 (2006.01)
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 (51) Int. Cl.
E04H 6/00 (2006.01)
A47B 81/00 (2006.01)
B62H 3/08 (2006.01)
B62H 3/12 (2006.01)

B32B 3/12 (2006.01)
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 (51) Int. Cl.
A63G 19/18 (2006.01)
A47D 13/04 (2006.01)
A63G 19/04 (2006.01)
A63H 7/04 (2006.01)
A63H 17/26 (2006.01)
A63H 33/00 (2006.01)
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 (51) Int. Cl.
C07K 7/64 (2006.01)
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 (54) SMART BUILDING SCORE INTERFACE
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G06Q 50/16 (2012.01)
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G06Q 30/02 (2012.01)
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 (74) FPA Patent Attorneys Pty Ltd

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H04W 36/26 (2009.01)
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G06F 3/0481 (2013.01)
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 (51) Int. Cl.
B29B 11/16 (2006.01)
B29C 43/52 (2006.01)
B29C 70/46 (2006.01)
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 (54) A magnetic clamp
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A47G 1/17 (2006.01)
B25B 11/00 (2006.01)
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C12Q 1/48 (2006.01)

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C12Q 1/68 (2018.01)
G01N 27/00 (2006.01)
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(54) System And Method For Thermal Treatment Of Hypertension, Hypotension Or Aneurysm
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A61F 7/12 (2006.01)
A61B 17/12 (2006.01)
A61F 2/06 (2013.01)
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G01R 21/133 (2006.01)
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(72) Sum, Charles P.; Flammer III, George H.
(74) FPA Patent Attorneys Pty Ltd
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(54) Mobile implant production unit
(51) Int. Cl.
E04H 3/08 (2006.01)
A61G 3/00 (2006.01)
A61G 10/00 (2006.01)
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(54) Botulinum toxin pharmaceutical composition comprising tannic acid
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A61K 38/48 (2006.01)
A61P 21/00 (2006.01)
C07K 19/00 (2006.01)
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A63B 71/02 (2006.01)
G02B 5/20 (2006.01)
G02B 5/22 (2006.01)
G09F 19/00 (2006.01)
A63B 102/20 (2015.01)
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(74) Sports Technology Solutions Pty Ltd
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(54) FAN MOTOR
(51) Int. Cl.
F04D 25/06 (2006.01)
H02K 9/06 (2006.01)
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(11) AU-A-2021254644
(21) 2021254644 **(22)** 22.10.2021
(54) CLOTHING PROCESSING APPARATUS, CONTROL METHOD OF CLOTHING PROCESSING APPARATUS, AND ONLINE SYSTEM INCLUDING CLOTHING PROCESSING APPARATUS
(51) Int. Cl.
D06F 39/00 (2020.01)
D06F 33/00 (2020.01)
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(54) Systems and methods for real-time remote control of mobile applications
(51) Int. Cl.
G06F 9/44 (2018.01)
H04L 29/06 (2006.01)
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(62) 2017312875
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(54) METHODS AND COMPOSITIONS FOR USE IN GLUE-WOOD PRODUCTS
(51) Int. Cl.
A01N 51/00 (2006.01)
A01N 25/04 (2006.01)
A01P 3/00 (2006.01)
A01P 7/04 (2006.01)
B27D 1/04 (2006.01)
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C09J 161/06 (2006.01)
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 (54) Data in motion storage system and method
 (51) Int. Cl.
 H04B 7/00 (2006.01)
 H04B 7/14 (2006.01)
 H04B 7/15 (2006.01)
 H04B 7/185 (2006.01)
 H04B 10/00 (2013.01)
 H04B 10/11 (2013.01)
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 (11) AU-A-2021202636
 (21) 2021202636 (22) 28.04.2021
 (54) Electric scissors
 (51) Int. Cl.
 B26B 15/00 (2006.01)
 B23D 29/02 (2006.01)
 (31) 2020-080673 (32) 30.04.20 (33) JP
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 (72) HAYASHI, Susumu; OHKUBO, Shinichi
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(71) MedImmune Limited
 (11) AU-A-2021257881
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 (54) A NOVEL IL33 FORM, MUTATED FORMS OF IL33, ANTIBODIES, ASSAYS AND METHODS OF USING THE SAME
 (51) Int. Cl.
 C07K 16/24 (2006.01)
 A01K 67/027 (2006.01)
 A61K 39/00 (2006.01)
 A61K 39/395 (2006.01)
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 C07K 14/715 (2006.01)
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 (74) Phillips Ormonde Fitzpatrick

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 (11) AU-A-2021254538
 (21) 2021254538 (22) 19.10.2021
 (54) Cell culture method for mesenchymal stem cells

(51) Int. Cl.
 C12N 5/0775 (2010.01)
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 (54) INTRAVASCULAR TREATMENT SITE ACCESS
 (51) Int. Cl.
 A61M 25/01 (2006.01)
 A61F 2/02 (2006.01)
 A61M 25/00 (2006.01)
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 (72) Sumida, Tetsu; Goyal, Mayank; Gulachenski, Joseph A.; Tran, Michelle
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 (54) An arrangement for mixing fluids in a capillary driven fluidic system
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 B01F 15/04 (2006.01)
 B01F 3/08 (2006.01)
 B01F 13/00 (2006.01)
 B01F 15/02 (2006.01)
 B01L 3/00 (2006.01)
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 (72) ZHANG, Lei
 (74) WRAYS PTY LTD

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 (21) 2020202448

(71) Milwaukee Electric Tool Corporation
 (11) AU-A-2021254648
 (21) 2021254648 (22) 22.10.2021
 (54) Terminal configuration for a battery pack
 (51) Int. Cl.
 H01M 10/42 (2006.01)
 H01R 13/04 (2006.01)
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 (74) Griffith Hack

(71) Minerva Biotechnologies Corporation
 (11) AU-A-2021254602

(21) 2021254602 (22) 21.10.2021
 (54) Humanized anti-MUC1* antibodies
 (51) Int. Cl.
 C07K 16/30 (2006.01)
 C07K 16/28 (2006.01)
 (43) 18.11.2021
 (62) 2016219350
 (72) Bamdad, Cynthia; Smagghe, Benoit
 (74) FPA Patent Attorneys Pty Ltd

(71) MTD Products Inc
 (11) AU-A-2021257898
 (21) 2021257898 (22) 25.10.2021
 (54) FOLDABLE CRATE FOR A LAWN MAINTENANCE VEHICLE
 (51) Int. Cl.
 B65D 85/68 (2006.01)
 B65D 19/12 (2006.01)
 (43) 18.11.2021
 (62) 2018341569
 (72) KOLECKI, Jason; MENKE, Michael D.
 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

(71) MURPHY, S.
 (11) AU-A-2021202632
 (21) 2021202632 (22) 28.04.2021
 (54) Plastic waste pyrolysis arrangement and method
 (51) Int. Cl.
 C10G 1/08 (2006.01)
 B09B 3/00 (2006.01)
 C08J 11/12 (2006.01)
 C10B 53/07 (2006.01)
 (31) 2020901353 (32) 29.04.20 (33) AU
 (43) 18.11.2021
 (72) MURPHY, Samuel
 (74) Patenteur Pty Ltd

(71) NAGAKI SEIKI CO., LTD.
 (11) AU-A-2021254603
 (21) 2021254603 (22) 21.10.2021
 (54) Connection structure of operation rod
 (51) Int. Cl.
 B25G 1/00 (2006.01)
 B25G 1/04 (2006.01)
 B25G 3/16 (2006.01)
 F16B 7/20 (2006.01)
 H02G 1/02 (2006.01)
 (43) 18.11.2021
 (62) 2018303413
 (72) TAKADA, Junsuke
 (74) Griffith Hack

(71) NeuSpera Medical Inc.
 (11) AU-A-2021254572
 (21) 2021254572 (22) 20.10.2021
 (54) Midfield transmitter and injectable mid-field receiver
 (51) Int. Cl.
 A61B 5/00 (2006.01)
 A61B 18/14 (2006.01)
 A61B 18/18 (2006.01)
 A61N 1/36 (2006.01)
 A61N 1/372 (2006.01)
 H02J 50/05 (2016.01)
 H02J 50/10 (2016.01)

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(74) FB Rice Pty Ltd

(71) Nextracker Inc.
(11) AU-A-2021257887
(21) 2021257887 **(22)** 25.10.2021
(54) Solar Module Mounting System
(51) Int. Cl.
F24S 25/632 (2018.01)
F24S 30/425 (2018.01)
H02S 20/32 (2014.01)
(43) 18.11.2021
(62) 2019262608
(72) Watson, Tyler; Lawson, Dennis Marvin; Hoang, Thao Thanh; Habib, Paul Daniel
(74) Clark Intellectual Property Pty Ltd

(71) Nicoventures Trading Limited
(11) AU-A-2021254534
(21) 2021254534 **(22)** 19.10.2021
(54) Data capture across devices
(51) Int. Cl.
A24F 47/00 (2020.01)
H04W 4/80 (2018.01)
(43) 18.11.2021
(62) 2018394162
(72) Moloney, Patrick; Kersey, Robert; Baker, Darryl
(74) Shelston IP Pty Ltd.

(71) Nicoventures Trading Limited
(11) AU-A-2021254587
(21) 2021254587 **(22)** 20.10.2021
(54) Cartridge for use with apparatus for heating smokable material
(51) Int. Cl.
A24F 47/00 (2020.01)
(43) 18.11.2021
(62) 2019261764
(72) Kaufman, Duane A; Robey, Raymond J; Paprocki, Benjamin J.
(74) Shelston IP Pty Ltd.

(71) Nocimed, Inc.; The Regents of the University of California
(11) AU-A-2021254588
(21) 2021254588 **(22)** 20.10.2021
(54) MR SPECTROSCOPY SYSTEM AND METHOD FOR DIAGNOSING PAINFUL AND NON-PAINFUL INTERVERTEBRAL DISCS
(51) Int. Cl.
A61B 5/055 (2006.01)
(43) 18.11.2021
(62) 2020201823
(72) PEACOCK III, James C; CLAUDE, John P; KANE, Paul H; LOTZ, Jeffrey C
(74) Halfords IP

(71) Nokia Technologies Oy
(11) AU-A-2021254647
(21) 2021254647 **(22)** 22.10.2021
(54) Network slice-specific access barring for wireless networks
(51) Int. Cl.
H04W 48/02 (2009.01)
G06F 21/00 (2013.01)
H04L 29/06 (2006.01)
H04W 12/08 (2021.01)
H04W 48/14 (2009.01)
(43) 18.11.2021
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(72) WON, Sung Hwan; TOMALA, Malgorzata; COVELL, Betsy
(74) Spruson & Ferguson

(71) Novartis AG
(11) AU-A-2021254559
(21) 2021254559 **(22)** 19.10.2021
(54) IL-1BETA BINDING ANTIBODIES FOR USE IN TREATING CANCER
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C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Novomatic AG
(11) AU-A-2021254624
(21) 2021254624 **(22)** 21.10.2021
(54) SYSTEM AND METHOD FOR A COMMUNITY GAME WITH HYBRID JACKPOT FUNDING
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 18.11.2021
(62) 2019272043
(72) CZUBAK, Roman; CHYLA, Anna; PEKINA, Anastasia
(74) WRAYS PTY LTD

(71) Nulty, A.
(11) AU-A-2021254529
(21) 2021254529 **(22)** 19.10.2021
(54) Method of Creating a Dental Implant Drill-Guide
(51) Int. Cl.
A61C 1/08 (2006.01)
(43) 18.11.2021
(62) 2017217320
(72) Nulty, Adam Brian
(74) Alder IP Pty Ltd

(71) Opex Corporation
(11) AU-A-2021254614
(21) 2021254614 **(22)** 21.10.2021
(54) MATERIAL HANDLING APPARATUS WITH DELIVERY VEHICLES
(51) Int. Cl.
B07C 3/08 (2006.01)
B65G 1/06 (2006.01)

G06T 7/13 (2017.01)
(43) 18.11.2021
(62) 2020256359
(72) DEWITT, Robert R.; STEVENS, Alexander; MCVAUGH, Monty; WALSH, James; WILSON, Gregory
(74) AJ PARK

(71) Orica International Pte Ltd
(11) AU-A-2021254605
(21) 2021254605 **(22)** 21.10.2021
(54) A wireless initiation device
(51) Int. Cl.
F42D 1/045 (2006.01)
F42B 3/10 (2006.01)
F42D 3/04 (2006.01)
(43) 18.11.2021
(62) 2015280721
(72) Wicks, Byron; Hummel, Dirk; Boos, Thomas
(74) Davies Collison Cave Pty Ltd

(71) Patriot Research Center, LLC
(11) AU-A-2021202052
(21) 2021202052 **(22)** 01.04.2021
(54) VALVE CAVITY ISOLATION SEAT
(51) Int. Cl.
E21B 34/02 (2006.01)
F16K 3/20 (2006.01)
F16K 25/04 (2006.01)
(31) 16/862,096 **(32)** 29.04.20 **(33)** US
(43) 18.11.2021
(72) COTTON, Craig; ZWIACHER, Weston
(74) James & Wells Intellectual Property

(71) PerkinElmer Health Sciences, Inc.; University of Washington
(11) AU-A-2021254547
(21) 2021254547 **(22)** 19.10.2021
(54) Compounds and methods relating to testing for lysosomal storage disorders
(51) Int. Cl.
C07H 15/00 (2006.01)
C12Q 1/00 (2006.01)
C12Q 1/25 (2006.01)
G01N 33/50 (2006.01)
(43) 18.11.2021
(62) 2019268208
(72) CHERKASSKY, Alexander; COURNOYER, Jason; GELB, Michael
(74) Spruson & Ferguson

(71) PIRAINO, M.
(11) AU-A-2021250849
(21) 2021250849 **(22)** 12.10.2021
(54) METHOD AND SYSTEM FOR FORMING A SUPPORT STRUCTURE SUCH AS A BED OR CHAIR FOR A USER ACCORDING TO THE USER'S REQUIREMENTS
(51) Int. Cl.
A61G 7/057 (2006.01)
A47C 23/043 (2006.01)
A47C 27/00 (2006.01)
A47C 27/14 (2006.01)
A47C 31/12 (2006.01)
A61G 7/002 (2006.01)

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(62) 2019204944
(72) PIRAINO, Mario
(74) Baxter Patent Attorneys Pty Ltd

(71) POWERTRAIN COMPONENTS AUSTRALIA PTY LTD
(11) AU-A-2020202693
(21) 2020202693 **(22)** 22.04.2020
(54) PCA ULTRA SCREEN
(51) Int. Cl.
F01M 1/10 (2006.01)
F01M 1/18 (2006.01)
F01M 11/00 (2006.01)
F01M 11/10 (2006.01)

(43) 18.11.2021
(72) Titlow, Peter
(74) POWERTRAIN COMPONENTS AUSTRALIA PTY LTD

(71) Pressure Biosciences Inc.
(11) AU-A-2021257922
(21) 2021257922 **(22)** 26.10.2021
(54) Sample preparation devices and methods
(51) Int. Cl.
C12N 1/06 (2006.01)
C12M 3/08 (2006.01)
G01N 1/28 (2006.01)

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(72) GROSS, Vera; TING, Edward Y.; LAZAREV, Alexander; SCHUMACHER, Richard T.
(74) Spruson & Ferguson

(71) Puzhen Life Co., Limited
(11) AU-A-2021202688
(21) 2021202688 **(22)** 29.04.2021
(54) ESSENTIAL OIL ATOMIZER
(51) Int. Cl.
A61L 9/03 (2006.01)
A61L 9/14 (2006.01)
B05B 7/16 (2006.01)
B05B 7/24 (2006.01)
(31) 16/863,663 **(32)** 30.04.20 **(33)** US
(43) 18.11.2021
(72) Lee, Leander
(74) Phillips Ormonde Fitzpatrick

(71) Qualcomm Incorporated
(11) AU-A-2021257929
(21) 2021257929 **(22)** 26.10.2021
(54) TIME DIVISION MULTIPLEXING OF SYNCHRONIZATION CHANNELS
(51) Int. Cl.
H04B 7/26 (2006.01)
H04W 56/00 (2009.01)
(43) 18.11.2021
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(72) Islam, Muhammad Nazmul; Abedini, Navid; Luo, Tao; Subramanian, Sundar; Cezanne, Juergen; Sampath, Ashwin; Gorokhov, Alexei Yurievitch; Li, Junyi; Sadiq, Bilal
(74) Madderns Pty Ltd

(71) Qvinci Software, LLC
(11) AU-A-2021257897
(21) 2021257897 **(22)** 25.10.2021
(54) Methods and apparatus for providing data normalization, scalability and maintainability
(51) Int. Cl.
G06Q 40/00 (2012.01)
(43) 18.11.2021
(62) 2019240714
(72) Nagel, Charles Brenton
(74) Gestalt Law Pty Ltd

(71) Rapid Micro Biosystems, Inc.
(11) AU-A-2021254655
(21) 2021254655 **(22)** 22.10.2021
(54) Microbiological growth media and methods of using the same
(51) Int. Cl.
C12N 1/38 (2006.01)
(43) 18.11.2021
(62) 2015249274
(72) Shara, Kate; Schwedock, Julie; Vogel, Sommer
(74) Spruson & Ferguson

(71) RAYDIANT OXIMETRY, INC.
(11) AU-A-2021250962
(21) 2021250962 **(22)** 15.10.2021
(54) SYSTEMS, DEVICES, AND METHODS FOR PERFORMING TRANS-ABDOMINAL FETAL OXIMETRY AND/OR TRANS-ABDOMINAL FETAL PULSE OXIMETRY
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1455 (2006.01)
A61B 5/1459 (2006.01)
A61B 5/1464 (2006.01)
A61B 6/00 (2006.01)
(43) 18.11.2021
(62) 2016382973
(72) Ray, Neil Padharia
(74) Pipers Intellectual Property

(71) Reel-Tech Pty Ltd
(11) AU-A-2021254607
(21) 2021254607 **(22)** 21.10.2021
(54) Roller Hose Guide for Reel Assembly
(51) Int. Cl.
B65H 75/34 (2006.01)
A62C 33/04 (2006.01)
B65H 19/22 (2006.01)
B65H 54/00 (2006.01)
B65H 75/18 (2006.01)
(43) 18.11.2021
(62) 2016228156
(72) Morgan, Sean; Morgan, Stuart
(74) Chrysiliou IP

(71) Refined Sands Pty Ltd
(11) AU-A-2021254582
(21) 2021254582 **(22)** 20.10.2021

(54) Stowable Veranda for Recreational Vehicle
(51) Int. Cl.
B60P 3/34 (2006.01)
B60P 3/37 (2006.01)
B62D 63/06 (2006.01)
B62D 63/08 (2006.01)
(43) 18.11.2021
(62) 2019236600
(72) Bell, Brett Vincent
(74) Sandercock & Cowie

(71) ResMed Pty Ltd
(11) AU-A-2021254541
(21) 2021254541 **(22)** 19.10.2021
(54) Patient Interface
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 18.11.2021
(62) 2019240767
(72) EVES, Matthew; GOLDSPINK, Lachlan Richard; YEW, Robin; BALUCHAGI, Ravikumar
(74) James & Wells Intellectual Property

(71) Rovi Guides, Inc.
(11) AU-A-2021256162
(21) 2021256162 **(22)** 25.10.2021
(54) Methods and systems for generating cluster-based search results
(51) Int. Cl.
G06F 16/248 (2019.01)
(43) 18.11.2021
(62) 2016242762
(72) PATEL, Milan
(74) Spruson & Ferguson

(71) S.C. Johnson & Son, Inc.
(11) AU-A-2021257910
(21) 2021257910 **(22)** 26.10.2021
(54) Trigger overcap assembly
(51) Int. Cl.
B65D 83/20 (2006.01)
(43) 18.11.2021
(62) 2019327412
(72) SPANG Jr., Ronald H.; PARYSEK, Richard M.; MUSALIAR, Imtiaz A.; ZACH, Steven A.
(74) Spruson & Ferguson

(71) Sage Therapeutics, Inc.
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(54) Neuroactive steroid solutions and their methods of use
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A61K 31/57 (2006.01)
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(72) Salituro, Francesco G.; Robichaud, Albert Jean; Watson, Paul; Hunke, William
(74) Spruson & Ferguson

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(11) AU-A-2021261851

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 (54) Antenna including conductive pattern and electronic device including antenna
 (51) Int. Cl.
H01Q 1/00 (2006.01)
 (43) 18.11.2021
 (62) 2020203570
 (72) SHIN, Donghun; SEO, Mincheol; KIM, Hosaeng; LEE, Yoonjae; LIM, Byungman; CHUN, Jaebong
 (74) Griffith Hack

(71) SharkNinja Operating LLC
 (11) AU-A-2021250909
 (21) 2021250909 (22) 13.10.2021
 (54) ROBOTIC CLEANER
 (51) Int. Cl.
B60R 19/48 (2006.01)
A47L 9/00 (2006.01)
G05D 1/02 (2020.01)
 (43) 18.11.2021
 (62) 2018329459
 (72) Liggett, Melinda L.; Kamada, Isaku D.; Hopke, Frederick K.; Huat, Gan Sin; Fiebig, Charles; Connor, Scott; Ai, Alan
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Shire Human Genetic Therapies, Inc.
 (11) AU-A-2021254564
 (21) 2021254564 (22) 20.10.2021
 (54) CNS DELIVERY OF THERAPEUTIC AGENTS
 (51) Int. Cl.
A61K 38/46 (2006.01)
 (43) 18.11.2021
 (62) 2019204056
 (72) Shahrokh, Zahra; Pan, Jing; Pfeifer, Richard; Calias, Pericles; Charnas, Lawrence; Wright, Teresa Leah; Powell, Jan; McCauley, Thomas
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Simson, P.R.
 (11) AU-A-2021201625
 (21) 2021201625 (22) 15.03.2021
 (54) BIOAVAILABLE MINERALS FOR THE MITIGATION OF PATHOGENS IN ANIMALS, A MANUFACTURING METHOD AND A TREATMENT METHOD
 (51) Int. Cl.
A61K 47/52 (2017.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 33/04 (2006.01)
A61K 33/26 (2006.01)
A61K 33/30 (2006.01)
A61K 33/32 (2006.01)
A61K 33/34 (2006.01)
A61P 3/02 (2006.01)
 (31) 2020901404 (32) 04.05.20 (33) AU
 (43) 18.11.2021
 (72) Simson, Paul Robert
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Smith, A.H.
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 (21) 2021257884 (22) 25.10.2021
 (54) MULTIMODAL DEVICE FOR TRANSDERMAL TREATMENTS
 (51) Int. Cl.
A61G 10/02 (2006.01)
 (43) 18.11.2021
 (62) 2020207777
 (72) Smith, André Hugo
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Smith & Nephew, Inc.
 (11) AU-A-2021245211
 (21) 2021245211 (22) 08.10.2021
 (54) Diffusion-Hardened Medical Implant
 (51) Int. Cl.
A61F 2/28 (2006.01)
 (43) 18.11.2021
 (62) 2019240726
 (72) PAWAR, Vivek; JANI, Shilesh C.; WEAVER, Carolyn
 (74) Davies Collison Cave Pty Ltd

(71) Société des Produits Nestlé S.A.
 (11) AU-A-2021254569
 (21) 2021254569 (22) 20.10.2021
 (54) Product cooling apparatuses
 (51) Int. Cl.
B29C 48/88 (2019.01)
A23K 40/20 (2016.01)
A23K 40/25 (2016.01)
A23K 50/42 (2016.01)
B29C 48/04 (2019.01)
B29C 48/06 (2019.01)
F25D 13/06 (2006.01)
F25D 17/08 (2006.01)
F25D 25/04 (2006.01)
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 (62) 2019257519
 (72) Amsinger, Daniel; Schaaf, John; Cahoon, William; Orr, Sam; Okic, Enes
 (74) Shelston IP Pty Ltd.

(71) Spray Nozzle Engineering Pty Ltd
 (11) AU-A-2021257885
 (21) 2021257885 (22) 25.10.2021
 (54) High Pressure Spray Nozzle Assembly
 (51) Int. Cl.
B05B 1/30 (2006.01)
A62C 31/02 (2006.01)
B05B 1/34 (2006.01)
B05B 15/00 (2018.01)
 (43) 18.11.2021
 (62) 2016275579
 (72) Morgan, Sean; Morgan, Stuart
 (74) Chrysiliou IP

(71) Syngenta Participations AG
 (11) AU-A-2021250857
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 (54) Methods of safening sugar cane plants with N-acylsulfamoylphenylureas
 (51) Int. Cl.
A01N 25/32 (2006.01)
A01N 43/40 (2006.01)

A01N 43/653 (2006.01)
A01N 43/80 (2006.01)
 (43) 18.11.2021
 (62) 2020203205
 (72) Hall, Gavin John; Weber, Christoph; Dupen, Natalie; Claudonir, Jose; Albrecht, Michel; Pedroni, Domingos
 (74) Davies Collison Cave Pty Ltd

(71) Teleflex Medical Incorporated
 (11) AU-A-2021202502
 (21) 2021202502 (22) 23.04.2021
 (54) METHOD OF IDENTIFYING SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS 2 (SARS-COV-2) RIBONUCLEIC ACID (RNA)
 (51) Int. Cl.
C12Q 1/70 (2006.01)
 (31) 63/017,043 (32) 29.04.20 (33) US
 63/063,731 10.08.20 US
 17/137,972 30.12.20 US
 17/138,037 30.12.20 US
 (43) 18.11.2021
 (72) BOUCHARD, Michael; BRUZEK, Steven; KNAPP, Chelsea; MCDANIEL, Lauren; SMALL, Jessica; ULRICH, Robert; WAGNER, Victoria
 (74) RNB IP PTY LTD

(71) TELEFLEX MEDICAL INCORPORATED
 (11) AU-A-2021202504
 (21) 2021202504 (22) 23.04.2021
 (54) SYSTEM FOR IDENTIFYING SEVERE ACUTE RESPIRATORY SYNDROME CORONA VIRUS 2 (SARS-COV-2) RIBONUCLEIC ACID (RNA)
 (51) Int. Cl.
C12Q 1/70 (2006.01)
 (31) 63/017,043 (32) 29.04.20 (33) US
 63/063,731 10.08.20 US
 17/137,972 30.12.20 US
 17/138,037 30.12.20 US
 (43) 18.11.2021
 (72) BOUCHARD, Michael; BRUZEK, Steven; KNAPP, Chelsea; MCDANIEL, Lauren; SMALL, Jessica; ULRICH, Robert; WAGNER, Victoria
 (74) RNB IP PTY LTD

(71) TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)
 (11) AU-A-2021254613
 (21) 2021254613 (22) 21.10.2021
 (54) Predictive acknowledgement feedback mechanism
 (51) Int. Cl.
H04L 1/18 (2006.01)
 (43) 18.11.2021
 (62) 2020200334
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 (74) AJ PARK

(71) The Boeing Company
 (11) AU-A-2021201704

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 (54) Robotic sanding systems and methods
 (51) Int. Cl.
 B24B 41/00 (2006.01)
 B24B 27/00 (2006.01)
 B24B 49/00 (2012.01)
 (31) 16/862,759 (32) 30.04.20 (33) US
 (43) 18.11.2021
 (72) WIERZBICKI, Dominic; STANISLAW, Benjamin
 (74) Spruson & Ferguson

(71) The NOCO Company
 (11) AU-A-2021254622
 (21) 2021254622 (22) 21.10.2021
 (54) Battery assembly device
 (51) Int. Cl.
 H02J 7/00 (2006.01)
 H02J 7/14 (2006.01)
 (43) 18.11.2021
 (62) 2020200268
 (72) Nook, Jonathan Lewis; Nook, William Knight; Stanfield, James Richard; Underhill, Derek Michael
 (74) Griffith Hack

The Regents of the University of California see Nocimed, Inc.
 (21) 2021254588

(71) Thermo King Corporation
 (11) AU-A-2021202298
 (21) 2021202298 (22) 15.04.2021
 (54) SYSTEM AND METHOD OF ENERGY EFFICIENT OPERATION OF A TRANSPORT CLIMATE CONTROL SYSTEM
 (51) Int. Cl.
 F25B 5/02 (2006.01)
 B60H 1/32 (2006.01)
 B60P 3/20 (2006.01)
 F25B 13/00 (2006.01)
 F25B 41/325 (2021.01)
 F25B 41/42 (2021.01)
 F25B 49/02 (2006.01)
 (31) 16/863,051 (32) 30.04.20 (33) US
 (43) 18.11.2021
 (72) KAISER, Joseph R.; SJOHOLM, Lars I.; SRICHAJ, Panayu Robert; DYKES, David J.
 (74) WRAYS PTY LTD

(71) Thetford BV
 (11) AU-A-2021257894
 (21) 2021257894 (22) 25.10.2021
 (54) Toilet Sub-System for a Wastewater Management System for Recreational Vehicles and Related Method
 (51) Int. Cl.
 B02C 18/00 (2006.01)
 B01D 35/02 (2006.01)
 B60R 15/00 (2006.01)
 C02F 1/68 (2006.01)
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 E03D 5/01 (2006.01)
 C02F 103/00 (2006.01)

(43) 18.11.2021
 (62) 2018236793
 (72) van LEEUWEN, Joop; KIEBOOM, Tom; van BEEK, Jacco
 (74) FB Rice Pty Ltd

(71) Thetford BV
 (11) AU-A-2021257921
 (21) 2021257921 (22) 26.10.2021
 (54) Additive Dosing System For A Wastewater Management System And Method
 (51) Int. Cl.
 B02C 18/00 (2006.01)
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 B60R 15/00 (2006.01)
 C02F 1/68 (2006.01)
 E03D 5/00 (2006.01)
 E03D 5/01 (2006.01)
 C02F 103/00 (2006.01)
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 (72) van den HEIJKANT, Ruud; van der HOEVEN, Ronald; MULDER, Mark; van de SANDE, Mitchell
 (74) FB Rice Pty Ltd

(71) Thetford BV
 (11) AU-A-2021257935
 (21) 2021257935 (22) 26.10.2021
 (54) Apparatus For Delivering Wastewater From A Motor Vehicle To A Drain And Method
 (51) Int. Cl.
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 C02F 1/68 (2006.01)
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 (72) van den HEIJKANT, Ruud; van BEEK, Jacco; van DUIJN, Dineke
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(71) Torres, A.
 (11) AU-A-2020202906
 (21) 2020202906 (22) 01.05.2020
 (54) Multi purpose medicinal cannabis solution
 (51) Int. Cl.
 A61K 31/05 (2006.01)
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 A61K 9/08 (2006.01)
 A61K 31/353 (2006.01)
 A61K 36/185 (2006.01)
 A61K 47/10 (2017.01)
 A61P 25/04 (2006.01)
 A61P 25/08 (2006.01)
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 (43) 18.11.2021
 (72) Torres, Antonio
 (74) Antonio Torres

(71) Traeger Pellet Grills, LLC
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 (21) 2021257938 (22) 26.10.2021
 (54) CLOUD SYSTEM FOR CONTROLLING OUTDOOR GRILL WITH MOBILE APPLICATION
 (51) Int. Cl.
 A47J 37/07 (2006.01)
 (43) 18.11.2021
 (62) 2016329040
 (72) Colston, Michael
 (74) Phillips Ormonde Fitzpatrick

(71) Uber Technologies, Inc.
 (11) AU-A-2021254609
 (21) 2021254609 (22) 21.10.2021
 (54) Determining a topological location of a client device using received radio signatures
 (51) Int. Cl.
 G06Q 50/30 (2012.01)
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 H04W 4/029 (2018.01)
 (43) 18.11.2021
 (62) 2018274224
 (72) MADHOW, Upamanyu; ILAND, Daniel; RAMASAMY, Dinesh
 (74) FPA Patent Attorneys Pty Ltd

(71) Universitat de Valencia; AUM LifeTech, Inc.
 (11) AU-A-2021257890
 (21) 2021257890 (22) 25.10.2021
 (54) Modulation of microRNAs against myotonic dystrophy type 1 and antagonists of microRNAs therefor
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 C12N 15/113 (2010.01)
 (43) 18.11.2021
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 (74) Spruson & Ferguson

(71) University of Miyazaki
 (11) AU-A-2021254623
 (21) 2021254623 (22) 21.10.2021
 (54) Long-acting adrenomedullin derivative
 (51) Int. Cl.
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 (43) 18.11.2021
 (62) 2020200934
 (72) Kitamura, Kazuo; Yamasaki, Motoo
 (74) Shelston IP Pty Ltd.

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 (54) Precut processing of logs
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 B26D 5/24 (2006.01)
 B26D 7/28 (2006.01)
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 (43) 18.11.2021
 (62) 2019253825
 (72) Blomquist, Christopher
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(71) Vapotherm, Inc.
 (11) AU-A-2021254661
 (21) 2021254661 (22) 22.10.2021
 (54) CANNULA DEVICE FOR HIGH FLOW THERAPY
 (51) Int. Cl.
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 (43) 18.11.2021
 (62) 2017290742
 (72) Busey, Charles; Dungan, II, George C.; Kate, Meghan H.; Cortez, Felino V.; Kolnsberg, Mark; Kirkland, Randolph Brian; Walker, Karen
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Visa Europe Limited
 (11) AU-A-2021254551
 (21) 2021254551 (22) 19.10.2021
 (54) TRANSACTION AUTHORISATION
 (51) Int. Cl.
 G06Q 20/32 (2012.01)
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 (43) 18.11.2021
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 (72) Mackie, Nicolas David
 (74) Phillips Ormonde Fitzpatrick

(71) VIVORYON THERAPEUTICS N.V.
 (11) AU-A-2021257905
 (21) 2021257905 (22) 25.10.2021
 (54) Novel inhibitors of mepirin alpha and beta
 (51) Int. Cl.
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 A61K 31/36 (2006.01)
 A61P 35/00 (2006.01)
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 C07D 319/18 (2006.01)
 (43) 18.11.2021
 (62) 2017253625
 (72) WERMANN, Michael; BUCHHOLZ, Mirko; DEMUTH, Hans-Ulrich; RAMS-

BECK, Daniel; SCHLENZIG, Dagmar;
 SCHILLING, Stephan
 (74) Spruson & Ferguson

(71) Wing Aviation LLC
 (11) AU-A-2021257911
 (21) 2021257911 (22) 26.10.2021
 (54) Payload coupling apparatus for UAV and method of delivering a payload
 (51) Int. Cl.
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 G06Q 10/08 (2012.01)
 (43) 18.11.2021
 (62) 2018392807
 (72) PRAGER, Andre; SHANNON, Trevor; TWYFORD, Evan; MILLER, Alexander
 (74) Spruson & Ferguson

(71) Zimmer Biomet CMF and Thoracic, LLC
 (11) AU-A-2021254673
 (21) 2021254673 (22) 22.10.2021
 (54) STERNAL CLOSURE CERCLAGE, PLATE IMPLANT AND INSTRUMENTATION
 (51) Int. Cl.
 A61B 17/80 (2006.01)
 A61B 17/82 (2006.01)
 A61B 17/88 (2006.01)
 (43) 18.11.2021
 (62) 2020201496
 (72) Garcia, Saddy R.; Luby, Ryan N.; Wilcox, Bryan; Sidwell, Scott; Bruneau, Aurelien; Sink, Sam; Hale, Rachel; Witten, Benjamin
 (74) Phillips Ormonde Fitzpatrick

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F21S 2/00 (2016.01)
F21V 17/00 (2006.01)
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F21V 19/00 (2006.01)
F21V 17/12 (2006.01)
F21V 29/71 (2015.01)
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F21V 29/71 (2015.01)
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A42B 3/32 (2006.01)
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 A01P 7/04 (2006.01)
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G16H 50/70 (2018.01)

G16H 50/20 (2018.01)

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A61B 5/00 (2006.01)

G01N 33/48 (2006.01)

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A47H 23/05 (2006.01)

E06B 9/262 (2006.01)

E06B 9/36 (2006.01)

A47H 13/01 (2006.01)

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C08L 23/14 (2006.01)

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H04W 40/04 (2009.01)

H04L 29/06 (2006.01)

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E21D 15/18 (2006.01)
B66F 3/44 (2006.01)
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G06Q 10/10 (2012.01)
G06F 1/14 (2006.01)
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A41D 13/01 (2006.01)
A44C 5/00 (2006.01)
A62C 13/76 (2006.01)
E01F 9/619 (2016.01)
G08B 5/00 (2006.01)
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(54) Pet thermometer
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A61B 5/01 (2006.01)
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G16H 40/63 (2018.01)
G16Y 10/60 (2020.01)
H04L 29/08 (2006.01)
H04W 40/32 (2009.01)
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 (54) DEVICE AND METHOD FOR PREPARING CHEMICALS BY FRACTIONS IN COAL TAR
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 C07C 7/00 (2006.01)
 C10G 65/08 (2006.01)
 C07C 7/09 (2006.01)
 C07C 7/148 (2006.01)
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 A01P 21/00 (2006.01)
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 A61K 31/165 (2006.01)
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- Seshu, K. see Inala, R.
 (21) 2021103445
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- Shah, R. see Shah, R.
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 (11) AU-A-2021105407
 (21) 2021105407 (22) 13.08.2021
 (54) UTILITY BASED WEB CONTENT MINING APPROACHES
 (51) Int. Cl.
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 (72) Shah, Rajesh; Bum Jain, Ajay Kumar; Sharma, Dharmendra; Soni, Ajay Kumar; Sharma, Shradha Jain; Kumbhkar, Makhan; Shah, Ritesh; R., Shekhar; Singhal, Ritesh Kumar; Jenopaul, P.; Nijhawan, Sunil
 (74) Dr. Uchit Kapoor
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- Shah, D. see Janrao, S.R.
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- Shandilya, V. see Chaudhari, A.

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(21) 2021106780

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(21) 2021105603 (22) 16.08.2021

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(51) Int. Cl.

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(21) 2021105547 (22) 15.08.2021

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(51) Int. Cl.

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(71) Shihezi University

(11) AU-A-2021106814

(21) 2021106814 (22) 24.08.2021

(54) Recombinant Vector Co-Expressing CPR And CYP9A12 And Its Preparation Method

(51) Int. Cl.

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(45) 18.11.2021

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(74) WRAYS PTY LTD

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(21) 2021105390

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(21) 2021105591

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(21) 2021105696

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(21) 2021106804

(71) Sichuan Animtech Biological Development Co., Ltd; Sichuan Academy of Animal Science

(11) AU-A-2021106804

(21) 2021106804 (22) 24.08.2021

(54) LOW-EMISSION ENVIRONMENT-FRIENDLY PREMIXED FEED FOR REDUCING DIARRHEA RATE OF PIGLETS, COMPOUND FEED AND PREPARATION METHOD THEREOF

(51) Int. Cl.

A23K 50/30 (2016.01)**A23K 10/18** (2016.01)**A23K 10/30** (2016.01)**A23K 10/37** (2016.01)**A23K 20/142** (2016.01)**A23K 20/189** (2016.01)**A23K 50/60** (2016.01)**A61K 9/00** (2006.01)**A61K 31/14** (2006.01)**A61K 31/19** (2006.01)**A61K 31/191** (2006.01)**A61K 31/192** (2006.01)**A61K 31/198** (2006.01)**A61K 31/205** (2006.01)**A61K 31/25** (2006.01)**A61K 31/295** (2006.01)**A61K 31/405** (2006.01)**A61K 31/455** (2006.01)**A61K 31/47** (2006.01)

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A61K 33/18 (2006.01)
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A61K 33/42 (2006.01)
A61K 35/742 (2015.01)
A61K 36/06 (2006.01)
A61K 36/48 (2006.01)
A61K 36/734 (2006.01)
A61K 36/899 (2006.01)
A61K 38/01 (2006.01)
A61K 38/46 (2006.01)
A61K 38/47 (2006.01)
A61P 1/12 (2006.01)
A61P 1/14 (2006.01)
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A23K 40/25 (2016.01)
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(74) Remarkable IP
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(54) A PROCESS FOR QUERY REFORMULATION SYSTEM USING RANK AGGREGATION AND GENETIC APPROACH
(51) Int. Cl.
G06F 16/332 (2019.01)
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(74) Dr. Jagendra Singh
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(21) 2021105194
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- Singh, A. see Singh, G.**
(21) 2021105405
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- (71)** Singh, G.; Singh, A.; Singh, B.
(11) AU-A-2021105405
(21) 2021105405 **(22)** 12.08.2021
(54) A METHOD AND SYSTEM FOR SOLVING BULK TRANSPORTATION PROBLEM (BTP)
(51) Int. Cl.
G06N 3/12 (2006.01)
G06F 17/11 (2006.01)
G06Q 10/04 (2012.01)
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(74) Gurwinder Singh
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(11) AU-A-2021106254
(21) 2021106254 **(22)** 20.08.2021
(54) A SYSTEM AND METHOD FOR ANIMAL LANGUAGE RECOGNITION
(51) Int. Cl.
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(74) Mr. Navin G. Singhaniya
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(21) 2021105621
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(21) 2021106064
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- Sirisha, M. see Malipatil, S.**
(21) 2021105550
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- Sivakumar, P. see Raaza, A.**
(21) 2021105194
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- S K, G. see Sathish, G.C.**
(21) 2021105518
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- S Manvi, S.K. see Sathish, G.C.**
(21) 2021105518
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- (71)** Sokoo Fintec Pty Ltd
(11) AU-A-2021106809
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- (21)** 2021106809 **(22)** 24.08.2021
(54) A System for Optimising a Loan Application Process
(51) Int. Cl.
G06Q 40/02 (2012.01)
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(72) Lin, Brett
(74) Phillips Ormonde Fitzpatrick
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- Solanki, M. see Gupta, S.**
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(21) 2021105548
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(21) 2021105373
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- (71)** Southwest Jiaotong University
(11) AU-A-2021105412
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(54) IMPELLER TYPE DEBRIS FLOW VELOCITY AND MUD LEVEL MONITORING AND EARLY WARNING DEVICE AND APPLICATION METHOD THEREOF
(51) Int. Cl.
G01N 11/14 (2006.01)
H02S 40/38 (2014.01)
(31) CN202110122106.9(32) 27.01.21 **(33)** CN
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(74) Remarkable IP
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(11) AU-A-2021105164
(21) 2021105164 **(22)** 09.08.2021
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(51) Int. Cl.
G06T 15/20 (2011.01)
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(74) Feng Chen

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(21) 2021105871

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(21) 2021105523

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(21) 2021105696

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(21) 2021105074

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(21) 2021105961

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(21) 2021105390

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(11) AU-A-2021105390
(21) 2021105390 **(22)** 12.08.2021
(54) INTEGRATED INTELLIGENT RAINWATER HARVESTING AND STORAGE SYSTEM BASED ON IOT FOR CONVERTING IT TO PURIFIED WATER
(51) Int. Cl.
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Haridas, Sanjay Laxmikant; Subramanyam, M Madhusudhana; Vaishnav, Satish R.
(74) John Thomas

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(21) 2021105373

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(21) 2021105194

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(21) 2021105245

(71) Tabrez, M.
(11) AU-A-2021106022
(21) 2021106022 **(22)** 19.08.2021
(54) A NOVEL THREE-PHASE TO SEVEN-PHASE TRANSFORMER
(51) Int. Cl.
H02M 5/14 (2006.01)
H01F 30/04 (2006.01)
H02M 5/40 (2006.01)
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(11) AU-A-2021105515
(21) 2021105515 **(22)** 14.08.2021
(54) Sun Tracking Mechanism with an IOT Based Automated Movable Platform
(51) Int. Cl.
H02S 20/32 (2014.01)
(31) 202111031759 **(32)** 15.07.21 **(33)** IN
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(72) Tariq, Mohd; Naaz, Alina; Azam, Mohd; Mosaad, Mohamed I.; Banakhr, Fahd A.
(74) RUSHDM IP

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(21) 2021105340

(71) TAYLOR, J.
(11) AU-A-2021106762
(21) 2021106762 **(22)** 24.08.2021
(54) Broad-Spectrum, Mineral Sunscreen with Photoprotective Plum Complex
(51) Int. Cl.
A61K 8/9789 (2017.01)
A61K 8/27 (2006.01)
A61K 8/29 (2006.01)
A61K 9/00 (2006.01)
A61K 9/06 (2006.01)
A61K 33/24 (2019.01)
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(72) TAYLOR, Jacqueline
(74) Pipers Intellectual Property

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(21) 2021105856

(71) Thermal Ceramics UK Limited
(11) AU-A-2021106772
(21) 2021106772 **(22)** 24.08.2021
(54) THERMAL INSULATION
(51) Int. Cl.
C03C 13/00 (2006.01)
F27D 1/00 (2006.01)
(31) GB2016878.7 **(32)** 23.10.20 **(33)** GB
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(72) Modarresifar, Farid
(74) Morgan Advanced Materials

(71) The Third Geological Exploration Institute of Qinghai Province
(11) AU-A-2021106825
(21) 2021106825 **(22)** 24.08.2021
(54) METHOD FOR EXPLORING SKARN-HYDROTHERMAL VEIN IRON POLY-METALLIC ORE IN PLATEAU DESERT AREA
(51) Int. Cl.
G01V 99/00 (2009.01)
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(21) 2021105621

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(21) 2021105591

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(21) 2021105870

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(71) Totey, A.
(11) AU-A-2021106072
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(54) A SOLAR BASED SOLID WASTE MANAGEMENT MACHINE
(51) Int. Cl.
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(74) Makarand Sudhakar Ballal

(71) Trailer Stonestar Pty Ltd
(11) AU-A-2021106848
(21) 2021106848 (22) 24.08.2021
(54) A HYDRAULIC CONTROL SYSTEM OF A SIDE TIPPER
(51) Int. Cl.
B60P 1/16 (2006.01)
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(72) Shi, Feng
(74) TIDY TEND GLOBAL PTY LTD

(71) Trailer Stonestar Pty Ltd
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(21) 2021106851 (22) 24.08.2021
(54) A HYDRAULIC CONTROL SYSTEM FOR TRAILER SUPPORTING LEGS
(51) Int. Cl.
B60S 9/12 (2006.01)
F15B 11/00 (2006.01)
F15B 13/02 (2006.01)
F15B 15/14 (2006.01)
(45) 18.11.2021
(72) Shi, Feng
(74) TIDY TEND GLOBAL PTY LTD

(71) Trailer Stonestar Pty Ltd
(11) AU-A-2021106854
(21) 2021106854 (22) 24.08.2021
(54) AN ELECTRIC TARP DEVICE FOR A HOPPER
(51) Int. Cl.
B60J 7/08 (2006.01)
(45) 18.11.2021
(72) Shi, Feng
(74) TIDY TEND GLOBAL PTY LTD

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(21) 2021105601

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(21) 2021105712

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(21) 2021105790

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(21) 2021105805

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(21) 2021105610

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(21) 2021105610

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(21) 2021105610

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(21) 2021105610

(71) Urkude, A.M.; Urkude, S.A.; Urkude, A.A.; Urkude, A.A.; Urkude, M.G.; Urkude, P.M.
(11) AU-A-2021105610
(21) 2021105610 (22) 16.08.2021
(54) COMPUTER IMPLEMENTED METHOD FOR FOREVER LEARNING FROM ECLECTIC SOURCES AND SYSTEM THEREOF
(51) Int. Cl.
G06N 5/04 (2006.01)
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(72) Urkude, Ashish Manohar; Urkude, Surekha Ashish; Urkude, Ayushi Ashish; Urkude, Arya Ashish; Urkude, Manohar Govind; Urkude, Prerna Manohar
(74) John Thomas

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(21) 2021105712

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(21) 2021105194

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(51) Int. Cl.
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(72) Vadi, Vikas Rao; Gnana Jeevan, A.N.; Jain, Rituraj; Mehbodniya, Abolfazl; Webber, Julian; Hati, Ananda Shankar; Anitha, E. Baby; Nandan, Mauparna; Chauhan, Ashish; K G M, Pradeep; Ghosh, Amrit; Chakrabarti, Prasun; Gnana Jeevan, A.N.
(74) Gideon Manohar

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(54) A SIMULATION BASED METHODOLOGY TO ANALYSE THE AIRBORNE ACOUSTIC TRANSMISSION IN A BUILT ENVIRONMENT
(51) Int. Cl.
G01H 7/00 (2006.01)
H04R 29/00 (2006.01)
(45) 18.11.2021
(72) Varghese, Jacob Thottathil; Thomas, Sajan; Herbert, G. M. Joselin; Preno Koshy, Chacko; Venugopal, Arjun; Paul, Cherian; Kumar, C. R. Sathish; Thomas, Basil George; Bolleddu, Venkateshwarlu; Varghese, Arun K.
(74) Dr. Jacob Thottathil Varghese

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(71) Vishwakarma Institute of Technology
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(51) Int. Cl.

G08G 1/0967 (2006.01)

E01F 15/02 (2006.01)

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H04L 29/06 (2006.01)

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H02P 27/08 (2006.01)

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B30B 11/04 (2006.01)

B29C 43/02 (2006.01)

B29C 43/18 (2006.01)

B30B 15/02 (2006.01)

C09K 17/40 (2006.01)

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E04H 15/02 (2006.01)

E04H 15/32 (2006.01)

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A61B 5/00 (2006.01)

G16H 50/20 (2018.01)

A61B 3/14 (2006.01)

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H02M 3/155 (2006.01)

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H02J 1/00 (2006.01)

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A23F 5/14 (2006.01)

A23L 2/52 (2006.01)

A61K 9/00 (2006.01)

A61K 31/137 (2006.01)

A61K 31/4188 (2006.01)

A61K 35/644 (2015.01)

A61K 36/15 (2006.01)

A61K 36/185 (2006.01)

A61K 36/28 (2006.01)

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B65D 85/804 (2006.01)

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C01B 21/06 (2006.01)
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A23J 3/34 (2006.01)
A23C 21/08 (2006.01)
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A23L 33/18 (2016.01)
A61K 9/00 (2006.01)
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A61K 31/122 (2006.01)
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A61P 25/28 (2006.01)
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C12P 21/06 (2006.01)

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2021106022	Tabrez, M.	2021106760	BLY IP Inc.; DECISION TREE, LLC
2021106024	Ahmad, T.; Raza, A.; Kausar, S.; Ahmad, K.; Alam, M.	2021106761	TAYLOR, J.
2021106039	Chandrasekaran, M.; Rajesh, P.K.	2021106762	Institute of agricultural engineering, Jiangxi Academy of Agricultural Sciences
2021106044	Chaudhari, A.; Pund, M.; Bamnote, G.; Shandilya, V.; Gawande, A.; Deshmukh, C.; Gupta, S.; Bhura, S.; Mune, A.; Karwa, R.; Khan, Z.; Ingale, S.	2021106763	Institute of agricultural engineering, Jiangxi Academy of Agricultural Sciences
2021106051	Geetha, P.; Selvi, V.; Ashadevi, B.; Hemalatha, T.; Devika, G.; Krishna Priya, R.; Bhupathyaaj, M.; Meenakshi, R.; Lakshmi, K.; Selvi, M.C.	2021106764	Hunt, D.
2021106054	Hindustan Institute of Technology and Science	2021106765	Evrholder Products LLC
2021106060	Hindustan Institute of Technology and Science	2021106766	Beijing Daxing Investment Group Co., Ltd; GAI, Z.
2021106061	Hindustan Institute of Technology and Science	2021106767	Sericulture & Agri-food Research Institute Guangdong Academy of Agricultural Sciences
2021106064	Asim, M.; Riyaz, A.; Sinha, S.; Agarwal, P.; Raza, A.; Gupta, N.K.	2021106768	Thermal Ceramics UK Limited
2021106069	Chattopadhyay, S.; Roy, T.; Ganguli, S.	2021106772	Yulin Normal University
2021106072	Totey, A.	2021106773	BLY IP Inc.
2021106108	Ludong University	2021106774	Sachr Pty Limited
2021106126	Vishwakarma Institute of Technology	2021106775	HLB90067, Inc
2021106127	Vishwakarma Institute of Technology	2021106776	ECOGRIIP INDUSTRIES PTY LTD
2021106143	Vishwakarma Institute of Technology	2021106777	Project Chemistry, Inc.
2021106158	Agrawal, A.; Mathur, G.; Awasthi, S.	2021106779	Hainan Electric Power School (Hainan Electric Power Technical School); Shanghai Jiao Tong University; Shanghai Qianguan Energy Saving Technology Co., Ltd.
2021106172	Krishnan, T.; Purushothaman, R.	2021106780	Rapid Power Industries
2021106216	Jain, P.; Sahu, S.	2021106781	Gou, T.
2021106217	Ghosh, A.; Jha, K.K.; Adhikary, P.; Chandra, S.; Majumdar, A.	2021106782	Abrility Pty Ltd
2021106228	Gupta, S.; Solanki, M.	2021106783	Rapid Power Industries
2021106243	Vadi, V.R.; Gnana Jeevan, A.; Jain, R.; Mehbodniya, A.; Webber, J.; Hati, A.S.; Anitha, E.B.; Nandan, M.; Chauhan, A.; K G M, P.; Ghosh, A.; Chakrabarti, P.	2021106785	HUANG, G.
2021106254	Singhaniya, N.G.; Vyawahare, V.A.; Patil, M.D.	2021106786	Autonomo Pty Ltd
2021106263	Gupta, R.; Mishra, A.	2021106787	Rapid Power Industries
2021106270	Ansari, A.; Waheed, M.A.; Ahmed, S.T.; Basha, S.M.; Begum, M.	2021106788	Radian Arc Limited
2021106325	Oil Crops Research Institute, Chinese Academy of Agricultural Sciences	2021106790	Yanshan University
		2021106791	LAIKA ACADEMY PTY LTD
		2021106792	OTTO DESIGN Pty Ltd
		2021106793	RICE, P.
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		2021106797	Blastone Technology Pty Ltd
		2021106798	Changhai Hospital Affiliated to Naval Medical University
		2021106799	BLY IP Inc.
		2021106800	DEETLEFS, S.
		2021106801	Hebei Anyuan Biotechnology Co., Ltd.
		2021106802	Certified Organics Aust Pty Ltd
		2021106804	Sichuan Animatech Biological Development Co., Ltd;
		2021106806	Sichuan Academy of Animal Science
		2021106808	Zhejiang citrus research institute
		2021106809	FlowBee Australia Pty Ltd
		2021106810	Sokoo Fintec Pty Ltd
			Buzzworks Pty Ltd

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2021106815	Yennett Pty Ltd
2021106817	Gansu Agricultural University
2021106818	Yunnan Animal Science and Veterinary Institute
2021106819	Delafield Patent Pty Ltd
2021106820	Delafield Patent Pty Ltd
2021106821	Camm, A.
2021106823	Earthquake Agency of Ningxia Hui Autonomous Region
2021106825	The Third Geological Exploration Institute of Qinghai Province
2021106826	BLY IP Inc.
2021106828	Kunming University of Science and Technology
2021106829	iModality Pty Ltd
2021106830	Construction Company of China Railway No.8 Engineering Group Co., Ltd.; China Railway No.8 Engineering Group Co., Ltd.
2021106832	Liu, L.
2021106834	Environmental Resources PTE. LTD.
2021106836	GUDIKANDHULA, N.R.; PEDDADA, J.R.; DUVVURU, R.; KONDAPALLI, B.; KODAMALA, P.; BANGARU, B.
2021106837	Red Earth Energy Storage Ltd
2021106838	BLY IP Inc.
2021106839	Mella Pet Care. Inc
2021106841	Retineo Pty Ltd
2021106842	Razer (Asia-Pacific) Pte. Ltd.
2021106843	MICRO-TECH (NANJING) CO., LTD.
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2021106848	Trailer Stonestar Pty Ltd
2021106849	Buggy Enterprises Pty Ltd
2021106850	Kilmallock (ACT) Pty Ltd
2021106851	Trailer Stonestar Pty Ltd
2021106853	Red Alert Technologies Pty Ltd
2021106854	Trailer Stonestar Pty Ltd
2021106856	BLY IP Inc.
2021106857	InfraBuild Wire Pty Limited
2021106858	Blastone Technology Pty Ltd
2021106859	Beitmanas, S.
2021106860	Bieri, P.
2021106862	WATSON, K.
2021106863	Griffith University
2021106866	Marveliyas Pty Ltd
2021106868	Octavian & Desmond PTY LTD
2021106869	Imtrade Australia Pty Ltd
2021106871	MALTMAN, J.
2021106872	Blackmores Ltd

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<u>E21D 11 /-</u>	<u>F21V 11 /-</u>	<u>G01D 15 /-</u>	<u>G01N 33 /-</u>	<u>G05D 16 /-</u>	
2021106813	2021106758	2021105630	2021105190 2021105334 2021105502 2021105595 2021106647 2021106798 2021106825	2021106797	
<u>E21D 15 /-</u>	<u>F21V 17 /-</u>	<u>G01D 18 /-</u>	<u>G01S 5 /-</u>	<u>G05F 1 /-</u>	
2021106813	2021106756 2021106758	2021105630	2021106395	2021106837	
<u>E21D 20 /-</u>	<u>F21V 19 /-</u>	<u>G01D 7 /-</u>	<u>G01T 1 /-</u>	<u>G06F 1 /-</u>	
2021106794	2021106756 2021106758	2021105630	2021105718	2021105846	
<u>E21D 21 /-</u>		<u>G01D 9 /-</u>		<u>G06F 11 /-</u>	
2021106794		2021105630		2021105507	

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<u>G06N 7 /-</u>	<u>G06T 19 /-</u>	2021106243	<u>G16Z 99 /-</u>	<u>H01S 5 /-</u>	<u>H02P 27 /-</u>
2021105733	2021105164	<u>G09B 19 /-</u>	2021105839	2021104969	2021106005 2021106143
<u>G06Q 10 /-</u>	<u>G06T 7 /-</u>	2021105656 2021106399	<u>H01F 30 /-</u>	<u>H02H 7 /-</u>	<u>H02P 29 /-</u>
2018102228 2021105328 2021105405 2021105488 2021105548 2021105601 2021105621 2021105790 2021105846 2021105847 2021105856 2021105968 2021106039 2021106044 2021106158 2021106591	2021105164 2021105603 2021105721 2021105871 2021106750 2021106761	<u>G09B 21 /-</u>	2021106022	2021106005	2021106005
	<u>G06T 9 /-</u>	2021105194	<u>H01H 21 /-</u>	<u>H02J 1 /-</u>	<u>H02P 5 /-</u>
	2021105550	<u>G09B 5 /-</u>	2016102482	2021105856 2021106061 2021106862	2021106143
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	2021105846	<u>G09F 13 /-</u>	2016102482	2021105856 2021106012 2021106061 2021106780 2021106837	2021106005 2021106143
	<u>G07C 9 /-</u>	2021106866	<u>H01J 35 /-</u>	<u>H02J 9 /-</u>	<u>H02P 9 /-</u>
	2021106767	<u>G09F 7 /-</u>	2021106838	2021106061 2021106780 2021106837	2021106784
<u>G06Q 20 /-</u>	<u>G07G 1 /-</u>	2021106775	<u>H01J 61 /-</u>	<u>H02J 7 /-</u>	<u>H02S 20 /-</u>
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	<u>G08B 15 /-</u>	2021106254	<u>H01L 29 /-</u>	<u>H02K 3 /-</u>	<u>H02S 50 /-</u>
	2021105373 2021105696	<u>G16H 10 /-</u>	2021105513 2021105716	2021105501 2021106781 2021106784 2021106787	2021106064
<u>G06Q 40 /-</u>	<u>G08B 17 /-</u>	2021105961 2021106051	<u>H01L 31 /-</u>	<u>H02K 21 /-</u>	<u>H03M 7 /-</u>
2021106009 2021106809	2021106836	<u>G16H 30 /-</u>	2021105520 2021105735	2021105501 2021106781 2021106784 2021106787	2021106217
<u>G06Q 50 /-</u>	<u>G08B 21 /-</u>	2021105190 2021105599 2021105721	<u>H01L 33 /-</u>	<u>H02K 21 /-</u>	<u>H04B 10 /-</u>
2019101822 2021105183 2021105548 2021105597 2021105628 2021105734 2021105790 2021105805 2021105856 2021105968 2021106158 2021106399 2021106591 2021106751 2021106780 2021106853	2021105373 2021105502	<u>G16H 40 /-</u>	2021104969 2021105735	2021105501 2021106781 2021106784 2021106787	2021105715
	<u>G08B 23 /-</u>	2021105547 2021105613	<u>H01M 10 /-</u>	<u>H02K 3 /-</u>	<u>H04B 7 /-</u>
	2021105857	<u>G16H 50 /-</u>	2021106828	2021106781 2021106784 2021106787	2021106228
	<u>G08B 25 /-</u>	2021102693 2021105190 2021105334 2021105489 2021105599 2021105603 2021105721 2021105733 2021106051	<u>H01M 4 /-</u>	<u>H02M 3 /-</u>	<u>H04L 12 /-</u>
	2021105502 2021105518 2021106853	<u>G16Y 10 /-</u>	2021106354	2021106862	2021106006 2021106017
<u>G06Q 99 /-</u>	<u>G08B 3 /-</u>	2021105613	<u>H01M 8 /-</u>	<u>H02M 5 /-</u>	<u>H04L 25 /-</u>
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	<u>G08B 5 /-</u>	2021105696 2021106051	<u>H01Q 1 /-</u>	<u>H02M 7 /-</u>	<u>H04L 29 /-</u>
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<u>G06T 15 /-</u>	<u>G08C 17 /-</u>	2021105712 2021106243	<u>H01Q 15 /-</u>	<u>H02P 11 /-</u>	
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<u>G06T 17 /-</u>	<u>G08G 1 /-</u>		<u>H01R 13 /-</u>	<u>H02P 23 /-</u>	
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			<u>H01R 24 /-</u>		
			2021106839 2021106862		

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H04L 9 /-

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2021105609
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H04N 1 /-

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H04N 19 /-

2021105550
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H04Q 9 /-

2021105805
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H04R 1 /-

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H04R 29 /-

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H04W 12 /-

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H04W 16 /-

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H04W 4 /-

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2021105849
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H04W 40 /-

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C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
A61P 21/00 (2006.01)
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F04B 39/06 (2006.01)
B01D 53/06 (2006.01)
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F04C 29/00 (2006.01)
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A61M 5/142 (2006.01)
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C12Q 1/68 (2018.01)
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C07K 14/705 (2006.01)
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C08H 8/00 (2010.01)
A23L 27/29 (2016.01)
B65B 55/12 (2006.01)
B65C 3/12 (2006.01)
B65C 9/46 (2006.01)
B67C 3/02 (2006.01)
C02F 9/00 (2006.01)
C12G 3/055 (2019.01)
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E21B 7/02 (2006.01)
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A61B 1/005 (2006.01)
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A61B 17/12 (2006.01)
A61B 1/00 (2006.01)
A61B 17/00 (2006.01)
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A61K 8/02 (2006.01)
A61K 8/22 (2006.01)
A61K 8/24 (2006.01)
A61K 8/34 (2006.01)
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A61K 8/49 (2006.01)
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A23L 2/52 (2006.01)
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A61P 11/06 (2006.01)
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A61G 17/00 (2006.01)
A61G 17/007 (2006.01)
A61G 99/00 (2006.01)
B09B 3/00 (2006.01)
E04H 13/00 (2006.01)
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A61K 39/395 (2006.01)
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C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
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A61B 5/11 (2006.01)
A41D 1/00 (2018.01)
A61B 5/00 (2006.01)
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A61J 7/04 (2006.01)
B65D 83/04 (2006.01)
G08B 13/14 (2006.01)
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H01L 23/13 (2006.01)
H01L 23/498 (2006.01)
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H01L 31/0352 (2006.01)
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A23L 2/52 (2006.01)
A23C 9/13 (2006.01)
A23C 9/154 (2006.01)
A23J 1/00 (2006.01)
A23J 1/12 (2006.01)
A23L 2/56 (2006.01)
A23L 2/60 (2006.01)
A23L 2/66 (2006.01)
A23L 7/10 (2016.01)
A23L 7/20 (2016.01)
A23L 11/70 (2021.01)
A23L 23/00 (2016.01)
A23L 33/10 (2016.01)
A23L 33/105 (2016.01)
A23L 33/22 (2016.01)
C12F 3/06 (2006.01)
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G06F 16/738 (2019.01)
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G06F 11/30 (2006.01)
G06F 9/455 (2018.01)
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H03M 7/40 (2006.01)
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C12N 15/77 (2006.01)
C07K 14/34 (2006.01)
C12N 9/06 (2006.01)
C12N 9/10 (2006.01)
C12N 9/18 (2006.01)
C12P 13/24 (2006.01)
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A61K 31/395 (2006.01)

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A61P 35/00 (2006.01)
C07D 487/08 (2006.01)
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C07D 401/04 (2006.01)
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B66C 13/08 (2006.01)
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G16H 15/00 (2018.01)
G06N 7/00 (2006.01)
G06N 20/00 (2019.01)
G16H 30/40 (2018.01)
G16H 40/20 (2018.01)
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C08J 7/04 (2020.01)
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B29C 59/02 (2006.01)
B32B 3/30 (2006.01)
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C09D 201/00 (2006.01)
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C10B 57/08 (2006.01)
C10L 9/06 (2006.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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A22C 17/00 (2006.01)
B23Q 17/24 (2006.01)
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C09B 62/44 (2006.01)
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G02C 7/10 (2006.01)
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F25D 21/08 (2006.01)
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C12N 15/63 (2006.01)
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G06N 3/08 (2006.01)
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H04N 19/61 (2014.01)
H04N 19/11 (2014.01)
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A47L 9/28 (2006.01)
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G07C 5/00 (2006.01)
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C10G 11/18 (2006.01)
B01J 8/00 (2006.01)
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H04N 5/225 (2006.01)
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A61K 38/47 (2006.01)
A61P 1/14 (2006.01)
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C12C 1/18 (2006.01)
A23B 9/02 (2006.01)
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A23L 3/01 (2006.01)
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A61K 31/565 (2006.01)
A61K 31/57 (2006.01)
A61P 15/02 (2006.01)
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 DOORBAR, Martin; LUK, Shen
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A61F 6/08 (2006.01)
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A23C 3/04 (2006.01)
F28D 7/10 (2006.01)
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C07K 16/18 (2006.01)
A61P 35/04 (2006.01)
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A61P 31/14 (2006.01)
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C07D 471/04 (2006.01)
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B65D 83/14 (2006.01)
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G06F 3/01 (2006.01)

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C12Q 1/6886 (2018.01)
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C12Q 1/6806 (2018.01)
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C40B 50/06 (2006.01)
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F25D 23/02 (2006.01)
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F24F 13/20 (2006.01)
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G01N 15/10 (2006.01)
G01N 1/40 (2006.01)
G01N 29/02 (2006.01)
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C12N 15/10 (2006.01)
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F16D 1/108 (2006.01)
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D01D 5/08 (2006.01)
D01D 5/04 (2006.01)
D04H 3/016 (2012.01)
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G08B 13/196 (2006.01)

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 (51) Int. Cl.
 G06Q 20/40 (2012.01)
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 A61K 39/00 (2006.01)
 A61P 35/00 (2006.01)
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 C12N 5/0783 (2010.01)
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 C12N 5/10 (2006.01)
 A61K 35/17 (2015.01)
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 (51) Int. Cl.
 C07K 16/28 (2006.01)
 A61K 39/395 (2006.01)
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 C12N 15/13 (2006.01)
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A61P 1/16 (2006.01)
A61P 5/00 (2006.01)
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A61P 35/00 (2006.01)
C07D 255/02 (2006.01)
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B28B 3/26 (2006.01)
B29C 48/30 (2019.01)
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B01D 11/02 (2006.01)
C07H 15/00 (2006.01)
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(21) 2020245712 (22) 27.03.2020
- (54) Application locking and unlocking on
a digital transaction processing unit
(DTPU)
- (51) Int. Cl.
G06F 21/77 (2013.01)
- G06F 21/34** (2013.01)
- (87) WO2020/191457
(31) 2019901029 (32) 27.03.19 (33) AU
(43) 01.10.2020
- (72) WILSON, Robert
- (74) AUSTRALASIA IP PTY LTD
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- (71) Xard Group Pty Ltd
(11) AU-A-2020245713
(21) 2020245713 (22) 27.03.2020
- (54) Disabling payment scheme on a digital
transaction processing unit (DTPU)
- (51) Int. Cl.
G06Q 20/32 (2012.01)
G06F 21/50 (2013.01)
G06Q 20/34 (2012.01)
- (87) WO2020/191462
(31) 2019901029 (32) 27.03.19 (33) AU
(43) 01.10.2020
- (72) WILSON, Robert
- (74) AUSTRALASIA IP PTY LTD
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- (71) Xard Group Pty Ltd
(11) AU-A-2020245903
(21) 2020245903 (22) 27.03.2020
- (54) Provisioning to a digital payment device
(DPD)
- (51) Int. Cl.
G06Q 20/34 (2012.01)
- (87) WO2020/191453
(31) 2019901029 (32) 27.03.19 (33) AU
(43) 01.10.2020
- (72) WILSON, Robert
- (74) AUSTRALASIA IP PTY LTD
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- (71) Xard Group Pty Ltd
(11) AU-A-2020245904
(21) 2020245904 (22) 27.03.2020
- (54) Transaction types
- (51) Int. Cl.
G06Q 20/32 (2012.01)
G06Q 20/34 (2012.01)
- (87) WO2020/191458
(31) 2019901029 (32) 27.03.19 (33) AU
(43) 01.10.2020
- (72) WILSON, Robert
- (74) AUSTRALASIA IP PTY LTD
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- (71) Xard Group Pty Ltd
(11) AU-A-2020247833
(21) 2020247833 (22) 27.03.2020
- (54) Transaction application with a tokenized
identifier
- (51) Int. Cl.
G06Q 20/34 (2012.01)
- (87) WO2020/191454
(31) 2019901029 (32) 27.03.19 (33) AU
(43) 01.10.2020
- (72) WILSON, Robert
- (74) AUSTRALASIA IP PTY LTD
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- (71) Xard Group Pty Ltd
(11) AU-A-2020247834
(21) 2020247834 (22) 27.03.2020
- (54) Storage of cryptographic key on a digit-
al payment device (DPD)
- (51) Int. Cl.
G06Q 20/34 (2012.01)
G06F 21/77 (2013.01)
G06Q 20/04 (2012.01)
G06Q 20/32 (2012.01)
- (87) WO2020/191461
(31) 2019901029 (32) 27.03.19 (33) AU

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 (72) WILSON, Robert
 (74) AUSTRALASIA IP PTY LTD

(71) XBlades Sports Australia Pty Ltd
 (11) AU-A-2020243382
 (21) 2020243382 (22) 20.03.2020
 (54) A sole
 (51) Int. Cl.
 A43B 13/14 (2006.01)
 A43B 13/37 (2006.01)
 (87) WO2020/186311
 (31) 2019900962 (32) 21.03.19 (33) AU
 (43) 24.09.2020
 (72) BARTOLD, Simon
 (74) Griffith Hack

(71) Yangtze Memory Technologies Co., Ltd.
 (11) AU-A-2019455154
 (21) 2019455154 (22) 28.06.2019
 (54) Methods of semiconductor device fabrication
 (51) Int. Cl.
 H01L 21/31 (2006.01)
 H01L 27/11551 (2017.01)
 (87) WO2020/258224
 (43) 30.12.2020
 (72) WANG, Qiguang; WU, Gonglian
 (74) FB Rice Pty Ltd

(71) Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.; SpliSense Ltd.
 (11) AU-A-2020268982
 (21) 2020268982 (22) 05.05.2020
 (54) Restoration of the CFTR function by splicing modulation
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 A61K 31/00 (2006.01)
 A61K 31/7088 (2006.01)
 A61P 11/00 (2006.01)
 (87) WO2020/225813
 (31) 62/843,469 (32) 05.05.19 (33) US
 (43) 12.11.2020
 (72) KEREM, Bat Sheva; OZERI GALAI, Efrat; OREN, Yifat; BARCHAD-AVITZUR, Ofra
 (74) Griffith Hack

(71) YourBio Health, Inc.
 (11) AU-A-2020265824
 (21) 2020265824 (22) 01.05.2020
 (54) Devices and methods for receiving fluids
 (51) Int. Cl.
 A61B 5/15 (2006.01)
 A61B 5/151 (2006.01)
 (87) WO2020/223710
 (31) 62/880,137 (32) 30.07.19 (33) US
 62/942,540 02.12.19 US
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(43) 05.11.2020
 (72) GONG, Ping; BLICHARZ, Timothy M.; MACAULAY, Hershel S.G.; WAKEFIELD, Jessica A.; BARONE, Vincent J.
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Zhejiang Yangshengtang Institute of Natural Medication Co., Ltd.
 (11) AU-A-2020320370
 (21) 2020320370 (22) 21.01.2020
 (54) Fermented brich juice, production method therefor and use thereof in composition for external application to skin
 (51) Int. Cl.
 C12P 1/02 (2006.01)
 A61K 8/9789 (2017.01)
 A61Q 19/00 (2006.01)
 A61Q 19/02 (2006.01)
 A61Q 19/08 (2006.01)
 C12P 19/04 (2006.01)
 C12R 1/645 (2006.01)
 (87) WO2021/017449
 (31) 201910689097.4 (32) 29.07.19 (33) CN
 (43) 04.02.2021
 (72) DUAN, Yingyi; WANG, Xinyue; HONG, Tao
 (74) Davies Collison Cave Pty Ltd

(71) ZTE Corporation
 (11) AU-A-2020246742
 (21) 2020246742 (22) 24.03.2020
 (54) Information transmission method and device, information determination method and device, signaling information transmission method and device, parameter acquisition method and device, and storage medium
 (51) Int. Cl.
 H04L 1/18 (2006.01)
 H04L 5/00 (2006.01)
 H04W 72/04 (2009.01)
 (87) WO2020/192655
 (31) 201910245823.3 (32) 28.03.19 (33) CN
 (43) 01.10.2020
 (72) ZHANG, Shujuan; LU, Zhaohua; WANG, Xiyu; JIANG, Chuangxin; XIAO, Huahua; HE, Zhen
 (74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

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2019423227	Research and Development Center "Biolumen" Limited Liability Company	2020245350	Gilead Sciences, Inc.
2019437767	LG Electronics Inc.	2020245483	Ohio State Innovation Foundation
2019438529	Genergo S.r.l.	2020245521	Exo Imaging, Inc.
2019439345	Green Cross Corporation; Mogam Institute for Biomedical Research	2020245537	Ohio State Innovation Foundation
2019439573	ASICS Corporation	2020245545	WHITE LAB SAL
2019439663	Trinomial Global Ltd	2020245706	The University of Adelaide
2019439986	Guangzhou Magpie Pharmaceuticals Co., Ltd.	2020245711	Monash University
2019440229	ABB Power Grids Switzerland AG	2020245712	Xard Group Pty Ltd
2019440603	South China Agricultural University	2020245713	Xard Group Pty Ltd
2019440921	Sports-Net Co., Ltd.	2020245903	Xard Group Pty Ltd
2019441241	CardioPharma, Inc.	2020245904	Xard Group Pty Ltd
2019441279	Shandong University	2020246080	GC Corporation
2019441599	Shenzhen Upcera Dental Technology Co., Ltd	2020246271	Sumitomo Chemical Company, Limited
2019441748	Shenzhen Upcera Dental Technology Co., Ltd	2020246317	Guangzhou Maxinovel Pharmaceuticals Co., Ltd
2019442093	Mitsubishi Electric Corporation	2020246335	Shenzhen Chipscreen Biosciences, Co., Ltd.
2019442261	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2020246463	Megakaryon Corporation
2019442607	ToolGen Incorporated	2020246742	ZTE Corporation
2019445031	Equinor Energy AS	2020246764	China Mobile Communication Co., Ltd Research Institute; China Mobile Communications Group Co., Ltd.
2019445709	CSP Technologies, Inc.	2020246867	Pharmathen S.A.
2019446837	ViaSat, Inc.	2020247115	Putzmeister Engineering GmbH
2019447166	Mitsubishi Electric Corporation	2020247141	LG Electronics Inc.
2019448167	Colgate-Palmolive Company	2020247216	ATMPS Ltd
2019448451	Mitsubishi Electric Corporation	2020247428	ENEOS Corporation
2019448583	Hill's Pet Nutrition, Inc.	2020247451	Merck Patent GmbH
2019448719	Beijing Shenchuang Century Information Technology Co., Ltd.	2020247468	Immunocore Limited
2019449933	Electrolux Appliances Aktiebolag	2020247540	Greentec International Limited
2019453241	Brentwood Industries, Inc.	2020247645	LG Electronics Inc.
2019453400	Weber-Stephen Products LLC	2020247667	Nucletron Operations B.V.
2019454314	Weber-Stephen Products LLC	2020247828	Olivia Newton-John Cancer Research Institute
2019455154	Yangtze Memory Technologies Co., Ltd.	2020247833	Xard Group Pty Ltd
2019455887	Nisshin Seifun Premix Inc.	2020247834	Xard Group Pty Ltd
2019456070	Halliburton Energy Services, Inc.	2020247993	New York University; PureTech LYT, Inc.
2019457191	Halliburton Energy Services, Inc.	2020248097	Research Institute at Nationwide Children's Hospital
2019467888	Halliburton Energy Services, Inc.	2020248268	Huawei Technologies Co., Ltd.
2020203955	Innopeutics Corporation	2020248332	ENEOS Corporation
2020225894	Boplan BVBA	2020248338	Phase Genomics, Inc.
2020239833	M-Techx Inc.	2020248763	Sumitomo Chemical Company, Limited
2020241562	Digital Medical Technologies, LLC (d/b/a AdhereTech)	2020248826	Vivo Mobile Communication Co., Ltd.
2020241575	Cipher Skin	2020248971	Pharmathen S.A.
2020241578	Cipher Skin	2020248987	SICPA Holding SA
2020241581	Cipher Skin	2020249288	Xard Group Pty Ltd
2020241869	The Board of Trustees of the Leland Stanford Junior University; Glenn, J.S.; Smith, M.; Pham, E.A.; Basu, K.; Stabler, S.	2020249289	Xard Group Pty Ltd
2020241893	Cipher Skin	2020249290	Xard Group Pty Ltd
2020242055	Guy, F.	2020249291	Xard Group Pty Ltd
2020242065	Ojjo, Inc.	2020249341	Ablevia biotech GmbH
2020242841	Bayer Aktiengesellschaft	2020249436	Putzmeister Engineering GmbH
2020243382	XBlades Sports Australia Pty Ltd	2020249679	Orion Corporation
2020243393	HEALTHTECH CONNEX INC.	2020249780	Bionema Ltd
2020243456	Forsberg Services Ltd	2020249785	Kalium Health Ltd
2020243463	Vivid Robotics Inc.	2020249806	SiSaf Limited
2020243682	Unwasted Limited	2020249807	SiSaf Limited
2020243842	412 Technologies Inc.	2020249808	SiSaf Limited
2020243997	Pharmathen S.A.	2020249993	Efacec Energia - Máquinas e Equipamentos Eléctricos S.A.
2020244635	LG Electronics Inc.	2020250061	Maintech Co., Ltd.
2020244803	Sarepta Therapeutics, Inc.	2020250111	Vivo Mobile Communication Co., Ltd.
2020244855	Escient Pharmaceuticals, Inc.	2020250454	BEIJING UNISOC COMMUNICATIONS TECHNOLOGY CO., LTD.
2020244861	Epizyme, Inc.	2020250601	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2020244884	Protagonist Therapeutics, Inc.	2020250662	Dai Nippon Printing Co., Ltd.
2020244894	JXTG Nippon Oil & Energy Corporation	2020251016	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin
2020245045	Promethera Therapeutics SA	2020251048	Octavius Partners Pty Limited
2020245047	Bluebox Aviation Systems Ltd	2020251063	Pascucci, S.
2020245231	Shalgi, N.D.	2020251202	Kraft Foods Schweiz Holding GmbH

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2020251215	Serres Oy	2020258099	De' Longhi Appliances S.r.l. Con Unico Socio
2020251324	Deutsches Krebsforschungszentrum Stiftung des Oeffentlichen Rechts	2020258279	Booz Allen Hamilton Inc.
2020251330	Medacta International SA	2020258381	MycoMed Technologies LLC
2020251379	Dai Nippon Printing Co., Ltd.	2020258389	Safe Dynamics, Inc.
2020251539	Dai Nippon Printing Co., Ltd.	2020258392	Sports Data Labs, Inc.
2020251843	Aurigene Discovery Technologies Limited	2020258458	President and Fellows of Harvard College
2020252008	Cisco Technology, Inc.	2020259065	Bounce Holding PLC
2020252087	Kolon TissueGene, Inc.	2020259155	Akershus Universitetssykehus HF
2020252089	Kolon TissueGene, Inc.	2020259156	Universitat Politècnica de València; Fundación para la Investigación del Hospital Universitario La fe de la Comunidad Valenciana
2020252104	Martell, B.; Friend, D.; Doorbar, M.	2020259427	CareFusion 303, Inc.
2020252190	Hi LLC	2020259450	EyePoint Pharmaceuticals, Inc.
2020252191	Immetas Therapeutics, Inc.	2020259802	Swinburne University of Technology
2020252368	DermTech, Inc.	2020259856	ProQR Therapeutics II B.V.
2020252402	Celgene Corporation	2020259891	FUJIFILM Wako Pure Chemical Corporation
2020252893	Liebherr-Components Biberach GmbH	2020259946	Hinova Pharmaceuticals Inc.
2020252904	Chiesi Farmaceutici S.p.A.	2020260025	Social Media Emotions S.r.l.; Nigro, F.
2020253014	LG Electronics Inc.	2020260078	Covera Health
2020253212	National University of Singapore	2020260079	Covera Health
2020253368	BioNTech US Inc.	2020260131	Avidea Technologies, Inc.; Institute Of Macromolecular Chemistry; The United States of America, as represen- ted by The Secretary, Department of Health and Human Services, Office of Technology Transfer, National Insti- tutes of Health
2020253435	Tenaya Therapeutics, Inc.	2020260133	LifeNet Health
2020253449	Kenjockey Biotechnology, Inc.	2020260763	DCM Shriram Limited
2020253538	Precision BioSciences, Inc.	2020260860	JFE Steel Corporation
2020253552	Alexium, Inc.	2020260894	Riken; Sumitomo Dainippon Pharma Co., Ltd.; Sumi- tomo Chemical Company, Limited
2020253585	Mission Bio, Inc.	2020261076	Prolynx LLC
2020253744	Oshkosh Corporation	2020261095	AeroVironment, Inc.
2020253747	Oshkosh Corporation	2020261100	Under The Weather, LLC; Pescovitz, E.
2020253748	Oshkosh Corporation	2020261165	Nuovo Pignone Tecnologie - S.r.l.
2020253749	Oshkosh Corporation	2020261262	Caterpillar Inc.
2020253774	Gen-Probe Incorporated	2020261266	Ranpak Corp.
2020254100	MedImmune, LLC	2020261334	Encodia, Inc.
2020254105	JK-Holding GmbH	2020261345	Pendulum Therapeutics, Inc.
2020254431	Asahi Group Holdings, Ltd.	2020261440	Trécé Inc.
2020254442	Dai Nippon Printing Co., Ltd.	2020261441	ConvaTec Technologies Inc.
2020254487	BLY IP Inc.	2020261515	InMed Pharmaceuticals Inc.
2020254537	National University Corporation Kobe University	2020261541	Cellatoz Therapeutics, Inc.
2020254610	Applied Therapeutics Inc.	2020261737	Caterpillar Inc.
2020254661	Majeed, M.; Nagabhushanam, K.; Beede, K.; Aru- mugam, S.; Majeed, S.	2020261747	Baker Hughes, a GE company, LLC
2020254703	Lummus Technology LLC	2020261846	JFE Steel Corporation
2020254706	Borg, B.	2020261886	Nanjing Legend Biotech Co., Ltd.
2020254746	Mission Bio, Inc.	2020261915	Hunter Douglas Inc.
2020254821	Reynolds Consumer Products LLC	2020261944	HI LLC
2020255264	Südzucker AG	2020262221	Bayer Aktiengesellschaft; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.
2020255357	Khalifa University of Science and Technology	2020262302	GPX Medical AB
2020255670	Vaxxas Pty Ltd	2020262366	CJ Cheiljedang Corporation
2020255806	Kyocera Corporation	2020262371	Lightbio Limited
2020256102	Abiomed, Inc.; Hajjar, R.; Ishikawa, K.	2020262381	Atlas Copco Airpower, Naamloze Vennootschap
2020256125	Myst Therapeutics, LLC	2020262400	Memorial Sloan Kettering Cancer Center
2020256179	Venatorx Pharmaceuticals, Inc.	2020262496	ConvaTec Technologies Inc.
2020256283	Boehringer Ingelheim Animal Health USA Inc.; Iowa State University Research Foundation, Inc.	2020262824	Synvolux IP B.V.
2020256291	Martell, B.; Friend, D.; Doorbar, M.	2020262837	Caterpillar Inc.
2020256636	EcoSpectral Pty Ltd	2020262851	Knobler, R.
2020256647	QiLu Regor Therapeutics Inc.	2020262899	Janssen Pharmaceuticals, Inc.; AC Immune S.A.
2020256679	Equipment Safety Systems Pty Ltd	2020262933	NuVasive, Inc.
2020256739	Automation Innovation Pty Ltd	2020262962	Convatec Technologies Inc.
2020256828	Nankai University	2020263098	Schneider Electric Industries SAS
2020257169	Pitco Frialator, Inc.	2020263231	ImmunoGen, Inc.
2020257193	Sports Data Labs, Inc.	2020263295	R.P. Scherer Technologies, LLC
2020257262	Brown University	2020263307	Behavioral Diagnostics LLC
2020257267	Nutech Ventures, Inc.	2020263388	Smartsky Networks LLC
2020257270	Impossible Foods Inc.	2020263408	X40 Inc.
2020257379	Shanghai Institute of Materia Medica, Chinese Academy of Sciences	2020263448	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2020257392	University of Massachusetts	2020263513	Rubius Therapeutics, Inc.
2020257748	Chugai Seiyaku Kabushiki Kaisha; Yamaguchi Uni- versity	2020263544	Sumitomo Chemical Company, Limited
2020257785	Virentia Innovation Inc.		
2020257786	Provincial Health Services Authority		
2020258002	Atriva Therapeutics GmbH		
2020258029	IMPACT9 ENERGY AND MARINE LTD.		

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2020263584	Lindsey FireSense, LLC	2020269264	Sasol Chemicals GmbH
2020263592	Cornell University	2020269265	Techtronic Cordless GP
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2020263826	Unilever Global IP Limited	2020269497	Nicoventures Trading Limited
2020264029	J. Mac Safety Systems Limited	2020269584	Microsoft Technology Licensing, LLC
2020264030	BSolve Limited	2020269585	Microsoft Technology Licensing, LLC
2020264105	Caterpillar Inc.	2020269611	Arborea Ltd
2020264444	DIRECT BIOLOGICS, LLC	2020269903	Rheinisch-Westfälische Technische Hochschule (RWTH) Aachen
2020264446	6K Inc.	2020270106	Ocera Therapeutics, Inc.
2020264462	Boston Scientific Scimed, Inc.	2020270117	InCube Labs, LLC
2020264756	Belgian Volition SPRL	2020270130	Qualcomm Incorporated
2020264807	Black Swan Pharmaceuticals, Inc.	2020270139	Emulate, Inc.
2020264869	Paeon Biotechnology Inc.	2020270237	Huawei Technologies Co., Ltd.
2020264902	Ulab Systems, Inc.	2020270315	Dotz Nano Ltd.
2020264982	Malteurop North America, Inc.	2020270420	Rani Therapeutics, LLC
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2020265244	University of Southern California	2020271025	Cargill, Incorporated
2020265250	Larimar Therapeutics, Inc.	2020271040	SQZ Biotechnologies Company
2020265397	Verisure Sàrl	2020271043	BLK Brands LLC
2020265414	BAE Systems PLC	2020271100	Sorrento Therapeutics, Inc.
2020265423	I.V.A.R. S.p.A.	2020271134	Pathotrak, LLC
2020265432	Church & Dwight Co., Inc.	2020271363	Richter Gedeon Nyrt.
2020265552	Microban Products Company	2020271374	Northann Building Solutions LLC
2020265592	Honeywell International Inc.	2020271401	SPD Swiss Precision Diagnostics GmbH
2020265650	Alarm.com Incorporated	2020271455	Park, H.J.
2020265676	MedImmune Limited; Sanofi Pasteur Inc.	2020271467	Scripps Korea Antibody Institute
2020265760	Splashlight Holding LLC	2020271508	Baxter International Inc.; Baxter Healthcare SA
2020265789	The Vaccine Group, Ltd	2020271611	Genting TauRx Diagnostic Centre Sdn Bhd
2020265794	IB2	2020271837	Nuvation Bio Inc.
2020265813	Norton (Waterford) Limited	2020271846	Takeda Pharmaceutical Company Limited
2020265821	West Pharma. Services IL, Ltd.	2020271879	Black Tulip Management, Inc.
2020265824	YourBio Health, Inc.	2020271984	Medacta International SA
2020265865	PPG Industries Ohio, Inc.	2020272031	Vertex Pharmaceuticals Incorporated
2020265889	Chronicle Cremation Designs LLC (DBA Parting Stone)	2020272108	Bud, A.; Newell, A.; Bird, G.
2020266058	Inventage lab Inc.	2020272162	Beetle Genius, SPRL
2020266166	Monsanto Technology LLC	2020272376	Green Cross Corporation; Mogam Institute for Biomedical Research
2020266221	Creo Medical Limited	2020272521	MasterCard International Incorporated
2020266477	National Steel Car Limited	2020272522	MasterCard International Incorporated
2020266502	MTD Products Inc	2020272530	Construction Robotics GmbH
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2020266556	6K Inc.	2020272659	Becton, Dickinson and Company
2020266599	The Regents of the University of California	2020272660	Becton, Dickinson and Company
2020266604	Constellation Pharmaceuticals, Inc.	2020272734	MacroGenics, Inc.
2020266614	Savant Systems, Inc.	2020272766	Biogen MA Inc.
2020266835	PayPal, Inc.	2020272775	Mullins, S.
2020266883	National Steel Car Limited	2020272849	GOJO Industries, Inc.
2020267043	Chevron U.S.A. Inc.	2020272867	A.W. Chesterton Company
2020267057	Crispr Therapeutics AG	2020272868	A.W. Chesterton Company
2020267068	Tohoku University; Nippon Chemipharm Co., Ltd.	2020273162	Black Tulip Management, Inc.
2020267119	Encodia, Inc.	2020273174	Goldfinch Bio, Inc.
2020267129	Kason Industries, Inc.	2020273451	FloDesign Sonics, Inc.
2020267346	Innovative Water Care, LLC	2020273597	ImCyse SA
2020267579	Motorola Solutions, Inc.	2020273716	Hulka S.r.l.
2020267658	Incube Labs, LLC	2020273728	Aleph Farms Ltd.
2020267672	HGCI, Inc.	2020273810	Shin Nippon Biomedical Laboratories, Ltd.
2020267757	Valo Health, Inc.; Integral Health Holdings, LLC	2020273945	Microsoft Technology Licensing, LLC
2020267906	Subsea 7 Limited	2020274016	Incept, LLC
2020267953	Novartis AG	2020274032	Citrix Systems, Inc.
2020268199	FUJIFILM Cellular Dynamics, Inc.; FUJIFILM Holdings America Corporation	2020274083	Relay Therapeutics, Inc.; D.E. Shaw Research, LLC
2020268350	Citrix Systems, Inc.	2020274120	Qualcomm Incorporated
2020268822	Sasol Chemicals GmbH	2020274212	Sandvik Mining and Construction OY
2020268823	Sasol Chemicals GmbH	2020274403	Klingmill AB
2020268893	Terns Pharmaceuticals, Inc.	2020274424	Oxford Photovoltaics Limited
2020268897	Amyris, Inc.	2020274605	Open Mind Ventures, S.L.U.
2020268951	Janssen Biotech, Inc.	2020274711	MasterCard International Incorporated

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2020275708	Novus International Inc.	2020295736	Société des Produits Nestlé S.A.
2020275926	Crescendo Biologics Limited	2020295995	Pioneer Hi-Bred International, Inc.
2020276036	Shipshave AS	2020296221	Société des Produits Nestlé S.A.
2020276247	Datta, D.	2020296274	Société des Produits Nestlé SA
2020276287	MasterCard International Incorporated	2020296311	Société des Produits Nestlé S.A.
2020276339	Polyform Construction Pty Ltd	2020298088	NMD Pharma A/S
2020276531	Qualcomm Incorporated	2020298092	NMD Pharma A/S
2020276652	DSM IP Assets B.V.	2020298572	Fred Hutchinson Cancer Research Center; University of Washington
2020276667	Shell Internationale Research Maatschappij B.V.	2020299831	Electrolux Appliances Aktiebolag
2020276711	Esteve Pharmaceuticals, S.A.	2020304795	Electrolux Appliances Aktiebolag
2020276755	JINGKELUN REFRIGERATION EQUIPMENT CO., LTD.	2020304915	James Hardie Technology Limited
2020276884	Les Laboratoires Servier; Novartis AG	2020307544	Dana-Farber Cancer Institute, Inc.
2020277654	De' Longhi Appliances S.r.l.	2020310048	Epiroc Rock Drills Aktiebolag
2020277655	H. Lundbeck A/S	2020310810	Citrix Systems, Inc.
2020277697	Pharvaris GmbH	2020314824	Amgen Inc.
2020277738	Novartis AG	2020315229	AeroVironment, Inc.
2020277977	Microsoft Technology Licensing, LLC	2020316339	University Of Florida Research Foundation, Incorporated
2020278162	Janssen Pharmaceutica NV	2020319582	Citrix Systems, Inc.
2020278660	FLIR Commercial Systems, Inc.	2020320370	Zhejiang Yangshengtang Institute of Natural Medication Co., Ltd.
2020278951	Microsoft Technology Licensing, LLC	2020322004	Boston Scientific Scimed, Inc.
2020279039	Citrix Systems, Inc.	2020323883	Boston Scientific Scimed, Inc.
2020279093	MasterCard International Incorporated	2020328375	LG Electronics Inc.
2020279101	Alnylam Pharmaceuticals, Inc.	2020330180	Sunwave Communications Co., Ltd.
2020279121	Creek Channel Inc.	2020333132	Shan Dong Msun Health Technology Group Co., Ltd.
2020279124	Laitram, L.L.C.	2020333796	Bauer Maschinen GmbH
2020279435	Plasser & Theurer Export Von Bahnbaumaschinen Gesellschaft m.b.H.	2020335076	ST Engineering Aerospace Ltd.
2020279440	Sony Interactive Entertainment Inc.	2020337027	Johnson & Johnson Vision Care, Inc.
2020279611	Citrix Systems, Inc.	2020338403	Johnson & Johnson Vision Care, Inc.
2020279633	Boston Scientific Scimed, Inc.	2020339580	Halliburton Energy Services, Inc.
2020279722	Unomedical A/S; Erichsen, J.	2020345119	Johnson & Johnson Vision Care, Inc.
2020279724	Citrix Systems, Inc.	2020371240	Circular Food Technology APS
2020279763	Greeneden U.S. Holdings II, LLC	2020382764	P, M.
2020279846	Microsoft Technology Licensing, LLC	2020389481	8me Nova, LLC
2020279974	Novartis AG	2020390566	James, M.
2020279987	Janssen Biotech, Inc.	2020410299	Johnson & Johnson Vision Care, Inc.
2020280078	Smith & Nephew, Inc.	2020410790	Sunwave Communications Co., Ltd.
2020280085	Valeda Company, LLC	2020410970	baseclick GmbH
2020280272	Novartis AG	2020414216	Sunwave Communications Co., Ltd.
2020280904	Janssen Pharmaceutica NV	2020415919	CRRC Dalian Co., Ltd.
2020280906	Premark Pharma GmbH	2020418431	Tencent America LLC
2020281245	Qualcomm Incorporated	2020441493	China University of Mining and Technology
2020282111	Oy Karl Fazer AB	2020442000	Curacle Co., Ltd.
2020282272	Microsoft Technology Licensing, LLC	2021206683	Tencent America LLC
2020282772	Becton, Dickinson and Company	2021207987	Element Biosciences, Inc.
2020282980	The Procter & Gamble Company	2021208013	MX Technologies, Inc.
2020283372	Astellas Pharma Inc.; Modalis Therapeutics Corporation	2021241506	ELC Management LLC
2020283383	Microsoft Technology Licensing, LLC	2021246918	Tencent America LLC
2020284032	John Bean Technologies Corporation		
2020284630	Valtech Cardio, Ltd.		
2020285469	Clarity Pharmaceuticals Limited		
2020285590	Massey University		
2020285657	Element Biosciences, Inc.		
2020286440	Artisan Vehicle Systems, Inc.		
2020286845	Komatsu Ltd.		
2020287622	Artie, Inc.		
2020287625	Artisan Vehicle Systems, Inc.		
2020287627	Selecta Biosciences, Inc.		
2020288329	F. Hoffmann-La Roche AG		
2020288652	Amgen Inc.		
2020289179	Jacobio Pharmaceuticals Co., Ltd.		
2020289554	Regeneron Pharmaceuticals, Inc.		
2020289581	Regeneron Pharmaceuticals, Inc.		
2020290905	Convatec Technologies Inc.		
2020291370	MasterCard International Incorporated		
2020292182	Tencent America LLC		
2020292610	Tilt Biotherapeutics Oy		
2020293025	Animal Ethics Pty Ltd		

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<u>A01D 5 /-</u>	<u>A01N 33 /-</u>	<u>A23D 9 /-</u>	2020371240	<u>A47L 15 /-</u>	<u>A61B 8 /-</u>
2020254706	2020265552	2019455887	<u>A23L 5 /-</u>	2019449933	2020245521 2020262400
<u>A01G 25 /-</u>	<u>A01N 37 /-</u>	<u>A23G 1 /-</u>	2019455887	<u>A47L 9 /-</u>	<u>A61B 90 /-</u>
2020270315	2020242841 2020246271	2020251202	<u>A23L 7 /-</u>	2019437767 2020244635 2020247141 2020253014	2020284630
<u>A01G 29 /-</u>	<u>A01N 43 /-</u>	<u>A23G 3 /-</u>	2020282111 2020371240	<u>A61B 1 /-</u>	<u>A61C 7 /-</u>
2020270315	2020242841 2020248763 2020263544	2019455887 2020251202 2020255264	<u>A23N 12 /-</u>	2020262302 2020264462 2020265233 2020279633 2020323883	2020264902
<u>A01G 7 /-</u>	<u>A01N 57 /-</u>	<u>A23G 4 /-</u>	2020296221	<u>A61B 17 /-</u>	<u>A61F 2 /-</u>
2020267672	2020246271	2020255264	<u>A23P 30 /-</u>	2020251016 2020251330 2020255806 2020262933 2020263408 2020269212 2020271984 2020274016 2020276247 2020284630 2020323883	2020255806 2020263408 2020269903
<u>A01G 9 /-</u>	<u>A01N 63 /-</u>	<u>A23J 1 /-</u>	2020282111	<u>A24F 40 /-</u>	<u>A61F 5 /-</u>
2020267672	2020249780	2020257785 2020371240	<u>A41D 1 /-</u>	2020269497	2020261441 2020262496 2020262962 2020290905
<u>A01H 1 /-</u>	<u>A01P 13 /-</u>	<u>A23J 3 /-</u>	2020241578	<u>A43B 13 /-</u>	<u>A61F 6 /-</u>
2020295995	2020246271 2020248763	2020282111	<u>A43B 23 /-</u>	2020243382	2020252104 2020256291
<u>A01H 5 /-</u>	<u>A01P 17 /-</u>	<u>A23K 10 /-</u>	<u>A43B 23 /-</u>	<u>A45C 11 /-</u>	<u>A61F 9 /-</u>
2020295995	2020261440	2020257785	2019439573	2020410299	2019440921
<u>A01K 15 /-</u>	<u>A01P 19 /-</u>	<u>A23K 20 /-</u>	<u>A45C 13 /-</u>	<u>A45C 11 /-</u>	<u>A61B 18 /-</u>
2020254706	2020261440	2019448583 2020254431 2020275708	2020245231	2020266221 2020322004	<u>A61G 10 /-</u>
<u>A01K 61 /-</u>	<u>A01P 3 /-</u>	<u>A23K 50 /-</u>	<u>A45C 13 /-</u>	<u>A61B 3 /-</u>	2020261100
2020258029	2020263544	2019448583 2020272162	2020245231	2020261334	<u>A61G 17 /-</u>
<u>A01K 67 /-</u>	<u>A01P 7 /-</u>	<u>A23L 11 /-</u>	<u>A45C 5 /-</u>	<u>A61B 34 /-</u>	<u>A61G 3 /-</u>
2020272162 2020289554 2020289581	2020249780	2020371240	2020245231	2020269212	2020280085
<u>A01M 1 /-</u>	<u>A21D 10 /-</u>	<u>A23L 2 /-</u>	<u>A47J 31 /-</u>	<u>A61B 5 /-</u>	<u>A61G 99 /-</u>
2020261440	2020257262	2020253212 2020271025 2020371240	2019442261 2020258099 2020277654 2020296274	2020241578 2020243393 2020252190 2020261334 2020261944 2020262302 2020262400 2020265813 2020265824 2020267658 2020270106 2020270117 2020271611	2020265889
<u>A01M 7 /-</u>	<u>A21D 13 /-</u>	<u>A23L 23 /-</u>	<u>A47J 37 /-</u>	<u>A61B 5 /-</u>	<u>A61J 1 /-</u>
2019440603	2019455887 2020257262	2020371240	2020257169 2020304795	2020261944 2020262302 2020262400 2020265813 2020265824 2020267658 2020270106 2020270117 2020271611	2020241562 2020265821 2020268951
<u>A01N 25 /-</u>	<u>A22C 17 /-</u>	<u>A23L 27 /-</u>	<u>A47J 43 /-</u>	<u>A61B 50 /-</u>	<u>A61J 7 /-</u>
2019445709 2020242841 2020246271 2020248763 2020261440	2020284032	2019455887 2020271025 2020271043	2020328375	2020284630	2020241562 2020241581
<u>A01N 29 /-</u>	<u>A23B 9 /-</u>	<u>A23L 3 /-</u>	<u>A47K 10 /-</u>	<u>A61B 6 /-</u>	<u>A61K 31 /-</u>
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<u>A01N 31 /-</u>	<u>A23C 11 /-</u>	<u>A23L 33 /-</u>	<u>A47L 11 /-</u>		
2020242841	2020285590	2020253212 2020254431 2020257785 2020265244 2020282111	2020269265		
	<u>A23C 9 /-</u>				
	2020371240				

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2020246335	2020260133	2020260894		2020277697	2020263513
2020246867	2020260894	2020261345	A61M 1 /-	A61P 13 /-	2020267953
2020247451	2020261345	2020262899			2020277738
2020248971	2020261541	2020263231	2020251215	2019448583	2020295736
2020249807	2020261886	2020263295	2020256102	2020267068	2020442000
2020251843	2020263513	2020263513	2020271508	2020273174	
2020252104	2020264444	2020273810	2020272659	2020277697	A61P 31 /-
2020252904	2020264869	2020279101	2020273451		
2020254610	2020266599				
2020256179	2020292610	A61K 48 /-	A61M 15 /-	A61P 15 /-	2020245350
2020256647					2020247468
2020257379	A61K 36 /-	2020256102	2020265813	2020252104	2020256179
2020258002		2020257392	2020269497	2020266058	2020258002
2020259155	2020254431	2020263513	2020293606	2020277697	2020261886
2020259450		2020265062			2020263448
2020259946	A61K 38 /-	2020265215	A61M 25 /-	A61P 17 /-	2020265676
2020261515		2020267057			
2020262221	2020248097	2020298572	2020256102	2020244855	A61P 35 /-
2020262851	2020254661		2020265233	2020249806	
2020263231	2020257748	A61K 51 /-	2020267658	2020249807	2019439345
2020263295	2020261076		2020270117	2020264444	2020241869
2020263448	2020263592	2020257786	2020270886	2020277697	2020244861
2020263804	2020266058	2020285469	2020272660	2020280272	2020246317
2020264444	2020270420				2020246335
2020264807	2020270421	A61K 6 /-	A61M 37 /-	A61P 19 /-	2020247451
2020265062	2020287627				2020247828
2020267068	2020316339	2019441599	2020255670	2020252089	2020247993
2020267757		2019441748	A61M 39 /-	2020264444	2020250601
2020268893	A61K 39 /-	2020246080		2020277738	2020252402
2020268982			2020272660	2020287627	2020253449
2020271363	2019439345	A61K 8 /-	2020279722		2020254100
2020271837	2020245483			A61P 21 /-	2020256125
2020272575	2020246317	2019448167	A61M 5 /-	2020244803	2020256828
2020273174	2020247828	2020249808		2020264869	2020257748
2020273810	2020247993	2020264030	2020259427	2020283372	2020257786
2020274083	2020249341	2020264444	2020263577	2020296311	2020259946
2020275708	2020250601	2020265432	2020265821	2020298088	2020261886
2020276711	2020253368	2020271879	2020270886		2020262221
2020276884	2020253449	2020273162	2020272659	A61P 23 /-	2020263231
2020277697	2020253538	2020273716	2020272660		2020267057
2020277738	2020256125	2020276652	2020279722	2020293025	2020268893
2020278162	2020256283	2020320370			2020271467
2020279101	2020256828	2021241506	A61M 60 /-	A61P 25 /-	2020271837
2020280272	2020257748				2020272376
2020280904	2020262899	A61K 9 /-	2020256102	2019439986	2020276884
2020280906	2020265789			2020203955	2020277738
2020283372	2020267953	2020243997	A61N 1 /-	2020259155	2020279974
2020285469	2020271100	2020244803		2020261515	2020285469
2020287627	2020271467	2020245483	2020267658	2020264807	2020292610
2020293025	2020272734	2020246867	2020270117	2020270106	2020295736
2020295736	2020273597	2020248971	A61N 5 /-	2020270421	2020442000
2020296311	2020279974	2020249679		2020271363	
2020298088	2020279987	2020249806	2020247667	2020277697	A61P 37 /-
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2020316339	2020292610	2020249808			2020244855
2020442000		2020252104	A61P 1 /-	A61P 27 /-	2020256125
	A61K 45 /-	2020260894			2020270421
A61K 33 /-		2020261345	2020245045	2020260894	2020273597
	2019441241	2020261515	2020254431	2020261515	2020280272
2020285469	2020241869	2020263448	2020254661	2020280906	
	2020244855	2020266058	2020257379		A61P 43 /-
A61K 35 /-	2020258002	2020270420	2020264444	A61P 29 /-	
	2020259155	2020270421	2020270106		2020244803
2020203955	2020262899	2020273810	2020277697	2020244855	2020263513
2020245045	2020263295	2020293025	2020279987	2020257379	2020265215
2020245483	2020271363	2020293606		2020264869	2020270421
2020252089	2020276884			2020266599	
2020253538				2020276711	
				2020293025	

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<u>A61P 5 /-</u>	2020262381 2020265592 2020269611	<u>B08B 3 /-</u>	2020279124	<u>B28B 1 /-</u>	2020247115 2020249436	<u>B60L 1 /-</u>	2020253749	<u>B65D 51 /-</u>	2020268951
2020256291 2020277697	<u>B01D 63 /-</u>	<u>B08B 7 /-</u>	2020256739	<u>B28B 3 /-</u>	2020247115 2020249436	<u>B60L 15 /-</u>	2020415919	<u>B65D 81 /-</u>	2019445709
<u>A61P 7 /-</u>	2020265592	<u>B08B 9 /-</u>	2020256739	<u>B29C 33 /-</u>	2020253749	<u>B60L 58 /-</u>	2020253749	<u>B65D 83 /-</u>	2020241581 2020293606
2020265062 2020267068 2020270420	<u>B01D 67 /-</u>	<u>B09B 3 /-</u>	2020265889	<u>B29C 48 /-</u>	2020390566	<u>B60L 7 /-</u>	2020253749	<u>B65D 88 /-</u>	2020266477 2020266883
<u>A61P 9 /-</u>	2020255357	<u>B22F 1 /-</u>	2020264446	<u>B29C 59 /-</u>	2020247115 2020249436	<u>B60R 21 /-</u>	2020280085	<u>B65G 15 /-</u>	2020279124
2019439986 2020254610 2020256102 2020259450 2020277697 2020277738 2020295736	<u>B01D 69 /-</u>	<u>B22F 8 /-</u>	2020264446	2020251379 2020272867	<u>B60S 5 /-</u>	<u>B60T 11 /-</u>	2020287625	<u>B65G 45 /-</u>	2020279124
<u>A61Q 11 /-</u>	<u>B01F 3 /-</u>	<u>B22F 9 /-</u>	2020264446	<u>B29C 63 /-</u>	2020267906	<u>B61C 17 /-</u>	2020286440	<u>B65H 18 /-</u>	2020279124
2019448167 2020264030	2020267346	<u>B23D 61 /-</u>	2020264446	<u>B29C 64 /-</u>	2020247115	<u>B61D 7 /-</u>	2020286440	<u>B65H 23 /-</u>	2020254821
<u>A61Q 15 /-</u>	2020267346	<u>B23Q 1 /-</u>	2020274403	<u>B31B 50 /-</u>	2020247115	<u>B61D 25 /-</u>	2020269409	<u>B65H 29 /-</u>	2020254821
2020273716	<u>B01J 19 /-</u>	<u>B23Q 17 /-</u>	2020274403	<u>B31D 5 /-</u>	2020266549	<u>B63B 25 /-</u>	2020269409	<u>B65H 81 /-</u>	2020272867
<u>A61Q 19 /-</u>	2020269611	<u>B01J 4 /-</u>	2020253749	<u>B32B 27 /-</u>	2020266549	<u>B63B 59 /-</u>	2020276036	<u>B66C 13 /-</u>	2020256679 2020272530
2020249806 2020276652 2020320370 2021241506	<u>B01J 7 /-</u>	<u>B23Q 17 /-</u>	2020284032	<u>B31D 5 /-</u>	2020261266	<u>B64B 1 /-</u>	2020251063	<u>B66F 11 /-</u>	2020253744 2020253747 2020253748 2020253749
<u>A61Q 5 /-</u>	<u>B01J 8 /-</u>	<u>B25J 11 /-</u>	2020284032	<u>B32B 29 /-</u>	2020243682	<u>B64C 39 /-</u>	2020275699	<u>B66F 17 /-</u>	2020253744 2020253748
2020265432	<u>B01J 8 /-</u>	<u>B32B 27 /-</u>	2019437767 2020243463 2020244635 2020247141 2020253014	<u>B32B 27 /-</u>	2020250662 2020251379 2020251539	<u>B64C 39 /-</u>	2020275699	<u>B66C 13 /-</u>	2020256679 2020272530
<u>A62C 31 /-</u>	2020254703	<u>B32B 29 /-</u>	2020284032	<u>B32B 29 /-</u>	2020243682	<u>B64B 1 /-</u>	2020251063	<u>B66F 11 /-</u>	2020253744 2020253747 2020253748 2020253749
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<u>A63F 13 /-</u>	<u>B01L 3 /-</u>	<u>B32B 29 /-</u>	2020270139 2020271040	<u>B32B 29 /-</u>	2020243682	<u>B64C 39 /-</u>	2020251063	<u>B66F 11 /-</u>	2020253744 2020253747 2020253748 2020253749
2020279440	<u>B01L 9 /-</u>	<u>B32B 3 /-</u>	2020274605	<u>B32B 3 /-</u>	2020250662	<u>B64C 39 /-</u>	2020275699	<u>B66F 17 /-</u>	2020253744 2020253748
<u>B01D 11 /-</u>	<u>B01L 9 /-</u>	<u>B32B 7 /-</u>	2020274605	<u>B32B 7 /-</u>	2020250662	<u>B64G 3 /-</u>	2020245706	<u>B67C 3 /-</u>	2020253744 2020253748
2020257785 2020267346	<u>B01L 9 /-</u>	<u>B32B 7 /-</u>	2020274605	<u>B32B 7 /-</u>	2020250662	<u>B64G 3 /-</u>	2020245706	<u>B67C 3 /-</u>	2020253744 2020253748
<u>B01D 15 /-</u>	<u>B02C 18 /-</u>	<u>B33Y 30 /-</u>	2020247141 2020253014	<u>B33Y 30 /-</u>	2020247115	<u>B65B 31 /-</u>	2020293606	<u>C01B 3 /-</u>	2020244894 2020248332
2020294922	2020274403	<u>B25J 3 /-</u>	2020253014	<u>B42D 25 /-</u>	2020248987	<u>B65B 55 /-</u>	2020271043	<u>C01F 7 /-</u>	2020265794
<u>B01D 19 /-</u>	<u>B05B 15 /-</u>	<u>B25J 15 /-</u>	2020243463	<u>B44C 1 /-</u>	2020254442	<u>B65C 3 /-</u>	2020271043	<u>C01G 35 /-</u>	2020265794
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<u>B01D 21 /-</u>	<u>B05D 3 /-</u>	<u>B26D 3 /-</u>	2019437767 2020243463 2020244635 2020247141 2020253014 2020256739 2020274605	<u>B60K 1 /-</u>	2020286440 2020287625				
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<u>B01D 53 /-</u>	<u>B08B 1 /-</u>		2020243463						
2020244894 2020248332	2020279124		2020265233						

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<u>C02F 1 /-</u>	2020256647 2020259946 2020266604 2020277738	<u>C07H 1 /-</u>	2020275926 2020279974 2020279987 2020289179 2020289554 2020292610	<u>C09D 201 /-</u>	<u>C12M 3 /-</u>
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<u>C02F 9 /-</u>	<u>C07D 403 /-</u>	<u>C07H 15 /-</u>		<u>C09D 5 /-</u>	
2020271043	2020259946 2020266604 2020277738	2020257785 2020277655	<u>C07K 17 /-</u>	2020253552	<u>C12N 1 /-</u>
<u>C03C 10 /-</u>		<u>C07H 19 /-</u>	2020249341	<u>C09J 163 /-</u>	2020257748 2020269611
2019441599 2019441748	<u>C07D 405 /-</u>	2020268893	<u>C07K 19 /-</u>	2020265865	
<u>C03C 12 /-</u>	2020256647	<u>C07H 21 /-</u>	2020261886	<u>C09J 175 /-</u>	<u>C12N 15 /-</u>
2019441599 2019441748	<u>C07D 411 /-</u>	2020263307 2020263592	<u>C08G 18 /-</u>	2020251539 2020265865	2019442607 2020245483 2020245537 2020248097 2020250601 2020252087 2020253435 2020253538 2020253585 2020254537 2020256828 2020257270 2020257392 2020257748 2020258458 2020259856 2020260763 2020261076 2020262366 2020262371 2020263307 2020263580 2020263804 2020264807 2020265062 2020265215 2020265789 2020266166 2020266599 2020267119 2020268897 2020268982 2020269611 2020272031 2020279101 2020283372 2020289179 2020292610 2020295995 2020298572 2020410970 2021207987
<u>C07C 15 /-</u>	<u>C07D 413 /-</u>	<u>C07H 3 /-</u>	<u>C08G 59 /-</u>	<u>C09K 11 /-</u>	
2020244855	2020244861 2020277697	2020272575	2020265865	2019423227 2020270315	
<u>C07C 275 /-</u>	<u>C07D 417 /-</u>	<u>C07J 67 /-</u>	<u>C08H 1 /-</u>	<u>C09K 3 /-</u>	
2020257786	2020244861	2020442000	2020257785	2020251539	
<u>C07C 59 /-</u>	<u>C07D 471 /-</u>	<u>C07J 71 /-</u>	2020257785	<u>C09K 5 /-</u>	
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<u>C07D 211 /-</u>	2020244861 2020245350 2020247451 2020257786 2020262221 2020271837 2020273174	<u>C07K 1 /-</u>	2020271043	<u>C09K 8 /-</u>	
2020280904		2020257785	<u>C08J 5 /-</u>	2020268822	
<u>C07D 213 /-</u>	<u>C07D 487 /-</u>	<u>C07K 14 /-</u>	2019445709	<u>C10B 57 /-</u>	
2020244855	2020252904 2020254610 2020256647 2020257379 2020257786 2020274083 2020278162 2020280904 2020285469 2020288329 2020307544	2020244884 2020245537 2020247993 2020249341 2020253368 2020253538 2020256283 2020257270 2020257785 2020260763 2020261076 2020262366 2020263592 2020268897 2020270420 2020279974 2020289581 2020295995	<u>C08J 7 /-</u>	2020260860 2020261846	
<u>C07D 237 /-</u>		<u>C08K 1 /-</u>	<u>C08H 3 /-</u>	<u>C10G 11 /-</u>	
2020273174 2020277738		2020257785	2019445709	2020254703	
<u>C07D 239 /-</u>	<u>C07D 491 /-</u>	<u>C07K 14 /-</u>	<u>C08K 7 /-</u>	<u>C10L 9 /-</u>	
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<u>C07D 241 /-</u>	<u>C07D 495 /-</u>	<u>C07K 16 /-</u>	<u>C08L 101 /-</u>	<u>C11B 1 /-</u>	
2019439986	2020245350 2020263231	2019439345 2020247468 2020247828 2020247993 2020250601 2020252191 2020252402 2020253449 2020254100 2020256828 2020265676 2020267953 2020271100 2020271467 2020272376 2020272734 2020272766	2020250662	2020260860 2020261846	
<u>C07D 255 /-</u>	<u>C07D 498 /-</u>		<u>C08L 51 /-</u>	<u>C11D 1 /-</u>	
2020257786	2020254610		2020265865	2020257785	
<u>C07D 257 /-</u>	<u>C07D 498 /-</u>		<u>C08L 89 /-</u>	<u>C12C 1 /-</u>	
2020257786	2020254610		2020257785	2020264982	
<u>C07D 261 /-</u>	<u>C07D 498 /-</u>		<u>C09B 49 /-</u>	<u>C12F 3 /-</u>	
2020298092	2020280906		2020337027 2020338403	2020371240	
<u>C07D 277 /-</u>	<u>C07F 1 /-</u>		<u>C09B 62 /-</u>	<u>C12G 3 /-</u>	
2020241869	2020285469		2020337027 2020338403	2020271043	
<u>C07D 311 /-</u>	<u>C07F 5 /-</u>		<u>C09D 11 /-</u>	<u>C12M 1 /-</u>	
2020261515	2020256179		2020345119	2020246463 2020269611 2020270139 2020273451	
<u>C07D 401 /-</u>					
2020244861					

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2020266599	<u>C40B 30 /-</u>	<u>E04F 13 /-</u>	<u>E21B 31 /-</u>	<u>F16L 19 /-</u>	<u>F28D 5 /-</u>
2020268199					
2020273728	2020263307	2020251379	2020254487	2019442261	2020276755
		2020271374			
		2020304915	<u>E21B 33 /-</u>	<u>F16L 33 /-</u>	<u>F28D 7 /-</u>
<u>C12N 7 /-</u>	<u>C40B 40 /-</u>				
2020257392	2020254537	<u>E04F 15 /-</u>	2020261747	2020265423	2020285590
2020265215			2020276667		
	<u>C40B 50 /-</u>	2020271374	2020339580	<u>F16L 47 /-</u>	<u>F28F 25 /-</u>
<u>C12N 9 /-</u>					
	2020254746	<u>E04F 19 /-</u>	<u>E21B 34 /-</u>	2019442261	2019453241
2019442607					
2020248097	<u>C40B 70 /-</u>	2020225894	2019457191	<u>F17C 11 /-</u>	<u>F41A 17 /-</u>
2020257785			2020339580		
2020258458	2020267119	<u>E04G 1 /-</u>		2020248332	2020243842
2020262366			<u>E21B 41 /-</u>		
2020263513	<u>D01D 5 /-</u>	2020253747		<u>F17C 13 /-</u>	<u>F41C 27 /-</u>
2020263580			2019445031		
2020268897	2020239833	<u>E04G 21 /-</u>		2020247428	2020243842
2020272031			<u>E21B 43 /-</u>	2020248332	
2020273597	<u>D03D 13 /-</u>	2020247115			<u>F41G 3 /-</u>
2020295995		2020249436	2019456070	<u>F17C 5 /-</u>	
	2020261915		2019467888	2020247428	2020243456
		<u>E04H 1 /-</u>	2020268822	2020248332	
<u>C12P 1 /-</u>	<u>D03D 15 /-</u>		2020276667		<u>G01B 11 /-</u>
		2020276339			
2020269611	2020261915	<u>E04H 13 /-</u>	<u>E21B 44 /-</u>	<u>F17C 7 /-</u>	2020284032
2020320370					
	<u>D04H 3 /-</u>		2019467888	2020244894	<u>G01B 15 /-</u>
<u>C12P 13 /-</u>		2020265889			
	2020239833	<u>E04H 15 /-</u>	<u>E21B 7 /-</u>	<u>F21K 9 /-</u>	2020284032
2020262366					
	<u>D06F 39 /-</u>	2020261100	2019445031	2020267672	<u>G01B 3 /-</u>
<u>C12P 19 /-</u>			2020254487		
	2019449933	<u>E04H 17 /-</u>	2020310048	<u>F21S 11 /-</u>	2020256679
2020254537			2020333796		
2020262371	<u>D06M 13 /-</u>	2020225894	<u>F01P 3 /-</u>	2020242055	<u>G01B 7 /-</u>
2020268897					
2020320370	2020265552	<u>E06B 9 /-</u>	2020390566	<u>F21V 8 /-</u>	2019441279
<u>C12P 21 /-</u>	<u>D21H 11 /-</u>	2020261915	<u>F03B 3 /-</u>	2020242055	<u>G01C 15 /-</u>
2020263580	2020243682	<u>E06C 7 /-</u>	2020271455	<u>F21V 9 /-</u>	2020243456
<u>C12Q 1 /-</u>	<u>D21J 1 /-</u>	2020264029	<u>F04B 39 /-</u>	2019423227	<u>G01D 5 /-</u>
2020246335	2020243682	<u>E21B 1 /-</u>	2020262381	<u>F24C 15 /-</u>	2019441279
2020251324					
2020252368	<u>E01B 27 /-</u>	2020310048	<u>F04C 29 /-</u>	2020299831	<u>G01G 19 /-</u>
2020253585					
2020254746	2020279435	<u>E21B 10 /-</u>	2020262381	<u>F24F 13 /-</u>	2020253744
2020258381					
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2020262371					
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2020263307					
2020265250	<u>E02D 27 /-</u>	2019457191	<u>F16H 3 /-</u>	2020267129	<u>G01J 3 /-</u>
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2020285657	2019445031	<u>E21B 19 /-</u>	2020262933	<u>F25D 21 /-</u>	2020270315
2020410970					
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<u>C12R 1 /-</u>	2020261262	2020254487	2020272867	<u>F25D 23 /-</u>	2019453400
	2020261737		2020272868		2019454314
	2020262837	<u>E21B 21 /-</u>		2019442261	<u>G01M 3 /-</u>
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2019455887	2020276339	<u>E21B 23 /-</u>	<u>F16K 7 /-</u>	2020267129	
<u>C30B 29 /-</u>	<u>E04B 7 /-</u>	2019456070		<u>F28D 20 /-</u>	2020245545
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2020266556	2020276339			2020253552	2020271134

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<u>G01N 17 /-</u>	2020259802	<u>G06F 17 /-</u>		<u>G06N 7 /-</u>	<u>G08B 13 /-</u>	
2020261165	<u>G02B 26 /-</u>	2020251048 2020257193 2020258392		2020260078	2020241581 2020258279 2020265397 2020265650 2020272775	<u>H01F 27 /-</u>
<u>G01N 21 /-</u>	2020242055	<u>G06F 21 /-</u>		<u>G06Q 10 /-</u>		2020249993
2020259802 2020262302 2020270139 2020270315 2020282772	<u>G02B 5 /-</u>	2020251048 2020257193 2020258392		2020251048 2020270915 2020276287 2020279763 2020389481	<u>G08B 17 /-</u>	<u>H01H 23 /-</u>
<u>G01N 27 /-</u>	2020282272	<u>G06F 25 /-</u>		<u>G06Q 20 /-</u>	2020263584	2020263098
2020249785	<u>G02C 7 /-</u>	2019439663 2020245712 2020245713 2020249291 2020260025 2020266835 2020272521		2020245713 2020245903 2020245904 2020247833 2020247834 2020249288 2020249289 2020249290 2020249291 2020272522 2020274711 2020276287 2020291370 2021208013	<u>G08G 1 /-</u>	<u>H01H 31 /-</u>
<u>G01N 29 /-</u>	2020337027 2020338403	<u>G06F 3 /-</u>		<u>G06Q 30 /-</u>	2020286845	2019440229
2020245711 2020261165 2020282772	<u>G03B 13 /-</u>	2020251048 2020279846 2020282272 2020287622		2020265760 2020276287	<u>G08G 5 /-</u>	<u>H01L 21 /-</u>
<u>G01N 30 /-</u>	2020282272	<u>G06F 8 /-</u>		<u>G06Q 50 /-</u>	2020315229	<u>H01L 23 /-</u>
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<u>G01N 33 /-</u>	2020250061	<u>G06F 9 /-</u>		<u>G06T 11 /-</u>	<u>G10L 15 /-</u>	<u>H01L 27 /-</u>
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<u>G01N 35 /-</u>	2020250061	<u>G06F 19 /-</u>		<u>G10L 25 /-</u>	<u>G10L 29 /-</u>	<u>H01L 29 /-</u>
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<u>G01S 13 /-</u>	2020256636	<u>G06F 29 /-</u>		<u>G11B 7 /-</u>	<u>H01L 31 /-</u>	<u>H01L 31 /-</u>
2020315229	<u>G05B 15 /-</u>	2020247428 2020251048 2020279093 2020389481		2020269584	2020241893 2020274424	<u>H01L 33 /-</u>
<u>G01S 17 /-</u>	2020256636 2020267672	<u>G06T 13 /-</u>		<u>G16B 20 /-</u>	<u>H01L 35 /-</u>	2019423227
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<u>G01S 19 /-</u>	2020258279	<u>G06T 17 /-</u>		<u>G16H 10 /-</u>	<u>H01M 10 /-</u>	2020274424
2020253774	<u>G05D 1 /-</u>	<u>G06T 19 /-</u>		2020247216 2020333132	<u>H01M 8 /-</u>	2020266556
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<u>G01S 5 /-</u>	2020279440	<u>G06K 11 /-</u>		<u>G16H 30 /-</u>	<u>H02J 3 /-</u>	2020247540
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<u>G01S 7 /-</u>	2020279039 2020279611	<u>G06T 7 /-</u>		<u>G16H 40 /-</u>	<u>H02K 11 /-</u>	2020389481
2020274212	<u>G06F 15 /-</u>	<u>G07C 5 /-</u>		2020241562 2020260078 2020314824	2020241575	
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<u>G02B 1 /-</u>	2020247834					
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2020382764	<u>H04B 17 /-</u>	2020250061
		2020282272
<u>H02K 3 /-</u>	2020248268	<u>H04N 7 /-</u>
2019442093	2020258389	
<u>H02K 33 /-</u>	<u>H04B 7 /-</u>	2020265650
2019438529	2019446837	<u>H04W 12 /-</u>
	2020248826	2020260025
<u>H02K 37 /-</u>	2020263388	2020270237
2020382764	<u>H04L 1 /-</u>	<u>H04W 4 /-</u>
	2020246742	2020250454
<u>H02P 21 /-</u>	<u>H04L 12 /-</u>	2020256636
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	2019446837	<u>H04W 52 /-</u>
<u>H02P 27 /-</u>	2020260025	2020258389
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	2020279724	
<u>H02P 6 /-</u>	<u>H04L 25 /-</u>	<u>H04W 72 /-</u>
2020382764	2020410790	2019446837
		2020246742
<u>H02P 8 /-</u>	<u>H04L 27 /-</u>	2020246764
2020382764	2020414216	2020274120
		2020274989
<u>H02S 10 /-</u>	<u>H04L 29 /-</u>	<u>H04W 74 /-</u>
2020389481	2020261095	2020274120
	2020273945	2020276531
<u>H02S 20 /-</u>	2020279093	
2020242065	<u>H04L 5 /-</u>	<u>H04W 76 /-</u>
		2020267579
<u>H02S 30 /-</u>	2020246742	<u>H05B 33 /-</u>
2020242065	2020274989	2020267672
	2020281245	
<u>H02S 40 /-</u>	<u>H04L 9 /-</u>	<u>H05B 47 /-</u>
2020242055	2020247834	2020266614
2020389481	2020272522	
	2020279093	<u>H05B 6 /-</u>
<u>H02S 50 /-</u>	<u>H04M 1 /-</u>	2020304795
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<u>H03F 1 /-</u>	2019439663	<u>H05K 3 /-</u>
	2020260025	2020241893
2020410790	<u>H04M 3 /-</u>	<u>H05K 7 /-</u>
		2020250061
<u>H03G 3 /-</u>	2020279763	2020390566
2020330180	<u>H04N 13 /-</u>	
<u>H03M 7 /-</u>	2020418431	
2020310810	<u>H04N 19 /-</u>	
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2021246918	2020247645	
	2020270130	
<u>H04B 1 /-</u>	2020418431	
2020248826	2021206683	
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A61K 31/70 (2006.01)
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G06T 5/00 (2006.01)

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E21B 43/16 (2006.01)

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C21D 1/42 (2006.01)

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C21D 9/60 (2006.01)

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C07D 215/50 (2006.01)

A61K 31/47 (2006.01)

A61P 11/00 (2006.01)

A61P 17/00 (2006.01)

A61P 27/00 (2006.01)

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C07D 215/50 (2006.01)

A61K 31/47 (2006.01)

A61P 11/00 (2006.01)

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A61P 27/02 (2006.01)

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A61M 5/32 (2006.01)
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C09D 127/16 (2006.01)
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B01J 23/888 (2006.01)
B01J 37/03 (2006.01)
B01J 37/04 (2006.01)
B01J 37/10 (2006.01)
B01J 37/12 (2006.01)
C01G 23/00 (2006.01)
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B29C 48/00 (2019.01)
B29C 48/285 (2019.01)
C08J 3/21 (2006.01)
C08L 67/02 (2006.01)
D01D 1/06 (2006.01)
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F02M 37/22 (2006.01)
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A61K 31/337 (2006.01)
A61K 31/7068 (2006.01)
A61K 47/18 (2006.01)
A61K 47/24 (2006.01)
A61P 35/00 (2006.01)
C07D 305/14 (2006.01)
C07H 19/06 (2006.01)
C07H 19/073 (2006.01)
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C12N 9/64 (2006.01)

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A46B 5/00 (2006.01)

A46B 5/02 (2006.01)

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E06B 5/16 (2006.01)

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A61K 8/81 (2006.01)

A61K 8/02 (2006.01)

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A61K 8/46 (2006.01)

A61Q 11/00 (2006.01)

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C01B 32/00 (2017.01)

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H01L 31/107 (2006.01)

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H01L 31/054 (2014.01)

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A61F 2/06 (2006.01)

A61F 2/88 (2006.01)

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A61D 9/00 (2006.01)

B32B 27/00 (2006.01)

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C09J 11/00 (2006.01)

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C12P 7/42 (2006.01)
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2015342997	Research Institute at Nationwide Children's Hospital	2016384284	Optimum Tracker
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2016273852	Noritz Corporation	2017206466	Samsung Electronics Co., Ltd.
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2016278350	Rain Harvesting Pty Ltd	2017207255	Kessler Foundation Inc.; The Governors of the University of Alberta; University of Louisville Research Foundation
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2016280855	Ipadic B.V.	2017213824	Vyera Pharmaceuticals, LLC
2016281627	Georgia Tech Research Corporation	2017216904	SpecGx LLC
2016287422	Genentech, Inc.	2017217320	Nulty, A.
2016287770	Health Language Analytics Pty Ltd	2017222581	Fornetix LLC
2016288816	Renewable Energy Dynamics Technology Ltd (dublin, Ireland)	2017223716	Magic Leap, Inc.
2016292892	H. Lundbeck A/S	2017224355	Bayer CropScience Aktiengesellschaft
2016295418	CSR Building Products Limited	2017226048	Tokuyama Corporation
2016296589	Cue Health Inc.	2017227549	C.R. Bard, Inc.
2016299367	PME IP Pty. Ltd.	2017228671	SAP SE
2016299760	Enzymatica AB	2017228685	Adobe Inc.
2016302744	Biopath Automation, L.L.C.	2017229850	ConocoPhillips Company
2016322701	Reckitt Benckiser (Brands) Limited	2017231583	IHC Holland IE B.V.
2016330009	De La Rue International Limited	2017233233	Novige AB
2016330894	Blue Box Air, LLC	2017234384	Laborie Medical Technologies Corp.
2016337596	Consejo Nacional de Investigaciones Cientificas y Tecnicas (CONICET); Universidad Nacional de Cuyo; Inis Biotech LLC	2017237076	Johnson & Johnson Surgical Vision, Inc.
2016338565	Audentes Therapeutics, Inc.	2017246713	Qualcomm Incorporated
2016341007	SWM Luxembourg s.a.r.l.	2017252460	Dana-Farber Cancer Institute, Inc.
2016342105	La Marzocco S.r.l.	2017252575	Receptor Holdings, Inc.
2016345432	QASS GmbH	2017260507	Parasol Medical LLC
2016347660	Bar-Ilan University	2017261291	BIAL – BioTech Investments, Inc.
2016348294	Wisconsin Alumni Research Foundation	2017262949	ALSTOM Transport Technologies
2016351158	Eickhoff Bergbautechnik GmbH	2017263143	Wallgate Limited
2016355037	Channel Products, Inc.	2017264163	Beijing Jingdong Shangke Information Technology Co., Ltd.; Beijing Jingdong Century Trading Co., Ltd.
2016356347	Genie Enterprise Ltd.		
2016358111	Formycon AG; SiO2 Medical Products, Inc.; Klinge Biopharma GmbH		
2016368547	ETH Zürich; Universität Bern		

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2017266832	Heijmans N.V.	2018235654	Meiji Seika Pharma Co., Ltd.
2017267362	Compagnie Generale Des Etablissements Michelin	2018244916	Bristol-Myers Squibb Company
2017268380	Depuy Ireland Unlimited Company	2018251087	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2017269668	Creo Medical Limited	2018251758	Bayer Aktiengesellschaft; Bayer Pharma Aktiengesellschaft
2017269712	Pepsico, Inc.	2018273233	Emulate, Inc.
2017270259	Novozymes A/S	2018277949	Otsuka Pharmaceutical Co., Ltd.
2017271362	R. J. Reynolds Tobacco Company	2018285022	Sloan Water Technology Limited
2017272304	Adobe Inc.	2018289731	RaQualia Pharma Inc.
2017272774	Anheuser-Busch InBev S.A.	2018291349	Kuraray Noritake Dental Inc.
2017276348	Xiamen Sunnypet Products Co., Ltd	2018291406	Abbott Diabetes Care Inc.
2017276668	Société des Produits Nestlé S.A.	2018292382	Milwaukee Electric Tool Corporation
2017281543	The Regents of the University of California	2018295149	Shanghai Hongyan Returnable Transit Packagings Co., Ltd.
2017282091	Kudos Blends Ltd	2018303540	Zhang, Y.
2017282673	Mölnlycke Health Care AB	2018307936	Counter, Inc.
2017285469	Merctech Pty Ltd	2018308332	Lemonex Inc.
2017289214	Universität Ulm	2018309540	LG Electronics Inc.
2017295022	Aerofit.dk ApS	2018312361	Ohio State Innovation Foundation
2017295751	Puratos NV	2018313117	CiDRA Corporate Services LLC
2017296386	Evonik Operations GmbH; DSM IP Assets B.V.	2018336718	Noble Drilling Services Inc.
2017298226	Qualcomm Incorporated	2018341753	University-Industry Cooperation Group of Kyung Hee University; Navipharm Co.,Ltd
2017300789	Mobi Acquisition Company, LLC	2018348090	RMH Tech LLC
2017301617	Jadhav, A.	2018352330	Water-Jel Europe LLP
2017301621	Neomed, Inc.	2018354513	LG Electronics Inc.
2017301941	Saove, M.	2018355528	Xynomic Pharmaceuticals, Inc.
2017304230	Cardex Group Pty Ltd	2018357807	Baoshan Iron & Steel Co., Ltd.
2017305335	Virogin Biotech Canada Ltd	2018359547	AcoustiX VR Inc.
2017307365	Xylem Europe GmbH	2018362987	Mack Rides GmbH & Co. KG
2017308814	Aureogen Biosciences, Inc.	2018366020	Locus Robotics Corp.
2017310049	Kemira Oyj	2018366755	Huawei Technologies Co., Ltd.
2017311510	Cancer Targeted Technology LLC	2018368620	Schwaborn Geraetebau GmbH
2017312101	Ecolab USA Inc.	2018372829	Locus Robotics Corp.
2017312531	Curium US LLC	2018375456	Hanmi Pharm. Co., Ltd.
2017314178	BeiGene, Ltd.	2018377384	Ishida Co., Ltd.
2017315069	Fritz Ruck Ophthalmologische Systeme GmbH	2018382109	ZTE Corporation
2017322257	Thai Polyethylene Co., Ltd.; SCG Chemicals Co., Ltd.	2018382122	ShanghaiTech University
2017322968	Shin-Etsu Chemical Co., Ltd.	2018390460	The Gillette Company LLC
2017324466	Airbus Defence and Space Limited	2018390465	Colgate-Palmolive Company
2017326065	Ethicon, Inc.	2018392923	Rite-Hite Holding Corporation
2017326121	L'air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude	2018406349	Zhongshan Tianyuan Vacuum Equipment Technology Co., Ltd.
2017330571	GumGum Sports Inc.	2018410266	Mitsubishi Electric Corporation
2017336005	Qualcomm Incorporated	2018411454	Haier Smart Home Co., Ltd.; Qingdao Haier Special Refrigeration Electric Appliance Co., Ltd.
2017336366	Ocado Innovation Limited	2018416232	Brother Kogyo Kabushiki Kaisha
2017339417	Highlightll Pharmaceutical (Hainan) Co., Ltd	2018418629	Nokia Technologies Oy
2017346858	Gradian Corporation	2018422256	Mitsubishi Electric Corporation
2017351481	Société des Produits Nestlé S.A.	2018426820	Mitsubishi Electric Corporation
2017353835	Nidec Motor Corporation	2018430498	Beijing Goldwind Science & Creation Windpower Equipment Co., Ltd.
2017363200	Cognito Therapeutics, Inc.	2018431008	Husqvarna AB
2017363963	Incotec Holding B.V.	2018434278	Shandong Dyne Marine Biopharmaceutical Co., Ltd; Beijing Dyne High-Tech Pediatric Pharmaceutical R&D Institute Co., Ltd.
2017369798	Gripple Limited	2018435528	Nissin Dental Products, Inc.
2017370560	Regulus Therapeutics Inc.	2019204178	inRegen
2017372901	Université Laval	2019208271	Pfizer Inc.
2017378423	Stealth CDS, LLC	2019208494	Alot Enterprise Company Limited; Theisinger, H.
2017378670	Taizhou Lerrisolar Technology Co., Ltd	2019210650	FISHER & PAYKEL HEALTHCARE LIMITED
2017379274	Syngenta Participations AG	2019213373	Air Products and Chemicals, Inc.
2017390258	Illumina, Inc.	2019214861	Mirati Therapeutics, Inc.
2017394023	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2019220202	thyssenkrupp Marine Systems GmbH; thyssenkrupp AG
2017395734	Microsoft Technology Licensing, LLC	2019222743	Advanced New Technologies Co., Ltd.
2017403655	CoSci Med-Tech Co. Ltd.	2019226134	Adobe Inc.
2017426847	Sun Yat-Sen University	2019227306	Vans, Inc.
2017436626	Shandong University of Technology	2019228329	Alois Kober GmbH
2017437315	Huawei Technologies Co., Ltd.	2019229841	Safelec Technology Holdings Pty. Ltd.
2017439762	Huawei Technologies Co., Ltd.	2019232922	Fisher & Paykel Healthcare Limited
2017439921	Nokia Technologies Oy	2019233100	Shandong University of Science and Technology
2017445389	Huawei Technologies Co., Ltd.		
2018203890	Kaz Electronics Pty Limited		
2018209336	Oxford University Innovation Limited		
2018214391	Hitachi Metals, Ltd.		
2018214439	Sonova AG		
2018223887	Maven Wireless Sweden AB		
2018226844	Pindrop Security, Inc.		

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2019235911	Berkshire Biomedical, LLC	2020203635	Keogh, M.H.M.; Barker, R.J.
2019236592	Baxter International Inc.; Baxter Healthcare SA	2020203749	Amgen Inc.
2019240557	Medline Industries, LP	2020203816	Valo Therapeutics Oy
2019242997	LG Chem, Ltd.; FarmHannong Co., Ltd.	2020204021	ROIVOS LIMITED
2019242998	LG Chem, Ltd.; FarmHannong Co., Ltd.	2020204069	Ecolab USA Inc.
2019246834	Aristocrat Technologies Australia Pty Limited	2020204166	Aerovironment, Inc.
2019250177	The Intellectual Gorilla GmbH	2020204217	CritiTech, Inc.
2019250923	Vivo Mobile Communication Co., Ltd.	2020204640	Apple Inc.
2019253572	Elekta, Inc.	2020207794	Singapore Telecommunications Limited
2019253767	Accenture Global Services Limited	2020210237	Radio Flyer Inc.
2019260666	Regents of The University of Minnesota; Boston Scientific Scimed, Inc.	2020213289	Tsinghua University
2019261476	Oncocross Co.,Ltd.	2020220118	Hyundai Motor Company
2019261790	Apple Inc.	2020220196	Implantica Patent Ltd
2019261830	Microport Orthopedics Holdings Inc.	2020227023	JINZHENG ECO-TECHNOLOGY CO., LTD.
2019262755	Citrix Systems, Inc.	2020227037	Qingdao University of Technology
2019264954	Teleflex Life Sciences Limited	2020227044	SIMPRO HANDLING EQUIPMENT LIMITED
2019265222	iSOL8 Pty Ltd	2020227065	Interactive Intelligence, Inc.
2019267849	Shenzhen Chipscreen Biosciences, Co., Ltd.	2020230281	Wonderland Switzerland AG
2019268100	CoreLogic Solutions, LLC	2020233645	LivePerson, Inc.
2019269665	Unifrax I LLC	2020233743	Beijing Baidu Netcom Science Technology Co., Ltd.
2019270965	The Procter & Gamble Company	2020239921	Volin, D.
2019272060	Simpson Strong-Tie Company	2020248490	ESS-HELP, INC.
2019272064	Clovis Oncology, Inc.	2020256359	Opex Corporation
2019272929	Bühler AG	2020258783	Anson, A.
2019279597	Apple Inc.	2020260503	MAKO Surgical Corp.
2019284009	Chapin Manufacturing, Inc.	2020260577	Captive-Aire Systems, Inc.
2019284069	Visa U.S.A. Inc	2020261259	Blackmore Sensors & Analytics, LLC
2019285161	Waymo LLC	2020266877	ESKP3 Pty Ltd
2019289248	AGGARWAL, R.	2020273301	Yubico AB
2019294262	Shell Internationale Research Maatschappij B.V.	2020277082	Nanofiber Solutions, LLC
2019309228	Baker Hughes Holdings LLC	2020282281	Zebra Technologies Corporation
2019310188	Lithium Australia NL; Australian Nuclear Science and Technology Organisation	2020286300	W. L. Gore & Associates, Inc.
2019312088	Arc Medical Devices Inc.	2020287393	Adsett, J.
2019314744	BOE Technology Group Co., Ltd.; Chengdu BOE Optoelectronics Technology Co., Ltd.	2020289881	JINKO SOLAR CO., LTD.; ZHEJIANG JINKO SOLAR CO., LTD
2019329384	Volin, D.	2020294160	SenseTime International Pte. Ltd.
2019338927	Integral Systems Pty Ltd	2020294325	Shenzhen HyperSynes Co., Ltd.
2019357801	Xin Fa Pharmaceutical Co., Ltd	2020335018	Innerclock Holdings Pty. Ltd
2019359615	Shanghai Townew Intelligent Technology Co., Ltd.	2021200464	Northrop Grumman Systems Corporation
2019380232	Zebra Technologies Corporation	2021245127	Goldman Sachs & Co. LLC
2019389180	Alfa Laval Corporate AB		
2019391065	Guangxi Jiufu Biotechnology Co., Ltd		
2019441553	ClearStream Technologies Limited		
2019441822	Ker, Z.		
2020200020	Cerner Innovation, Inc.		
2020200023	Carl Zeiss Meditec Cataract Technology Inc.		
2020200123	LG ELECTRONICS INC.		
2020200128	THE CHINESE UNIVERSITY OF HONG KONG		
2020200650	Ganalila, LLC		
2020200681	Brillux GmbH & Co. KG		
2020200981	Cytomx Therapeutics, Inc		
2020201198	Opal Packaging Australia Pty Ltd		
2020201494	FMC CORPORATION		
2020201626	GrowlerWerks, Inc.		
2020202146	Signal Pharmaceuticals, LLC		
2020202202	Allergan, Inc.		
2020202214	Mesoblast International Sarl		
2020202447	Global Traffic Technologies, LLC		
2020202480	MASTERCARD INTERNATIONAL INCORPORATED		
2020202553	Dexcom, Inc.		
2020202576	Guangzhou Cellprotek Pharmaceutical Co., Ltd		
2020202579	The Coca-Cola Company		
2020202597	The University of Melbourne		
2020202660	Adobe Inc.		
2020203017	Fisher & Paykel Healthcare Limited		
2020203089	Diehl Defence GmbH & Co. KG		
2020203103	Becton, Dickinson and Company		
2020203265	Dignity Health; Arizona Board of Regents on behalf of Arizona State University		
2020203439	LG ELECTRONICS INC.		

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2016391977	2017285469	2019227306	2017201137	2014327809	<u>A61K 47 /-</u>
<u>A01H 1 /-</u>	<u>A22C 13 /-</u>	<u>A42B 3 /-</u>	2017207255	2015301978	2016368547
2015321438	2017285469	2018307936	2017210307	2015411334	2016383697
2017201459	<u>A23C 7 /-</u>	<u>A43B 17 /-</u>	2017213644	2016250391	2017206077
<u>A01H 5 /-</u>	2020204069	2016421086	2017234384	2016270593	2017216904
2015321438	<u>A23D 9 /-</u>	<u>A45B 23 /-</u>	2017295022	2016287422	2017252575
2017201459	2017351481	2019329384	2017363200	2016338565	2020204217
<u>A01K 1 /-</u>	<u>A23K 10 /-</u>	<u>A46B 17 /-</u>	2019260666	2016368547	<u>A61K 48 /-</u>
2017276348	2016348294	2018390460	2020202553	2016383697	2017206077
<u>A01K 13 /-</u>	2017296386	2018390460	<u>A61B 50 /-</u>	2017206077	2017213824
2017226048	<u>A23K 20 /-</u>	<u>A46B 5 /-</u>	2017326065	2017216904	2017252460
<u>A01K 15 /-</u>	2016348294	2018390460	<u>A61B 6 /-</u>	2017252460	2017252575
2016381569	<u>A23K 40 /-</u>	<u>A46B 9 /-</u>	2017261291	2017261291	2017261291
<u>A01K 61 /-</u>	2016381569	2018390460	2017314178	2017314178	<u>A61K 49 /-</u>
2016237923	<u>A23K 50 /-</u>	<u>A47B 88 /-</u>	2017339417	2017339417	2015374286
<u>A01K 67 /-</u>	2016348294	2018411454	2017370560	2017370560	2016292892
2016237923	<u>A23L 2 /-</u>	2016342105	2017403655	2017403655	2017311510
<u>A01N 25 /-</u>	2017276668	<u>A46B 9 /-</u>	2018244916	2018244916	2018308332
2017224355	<u>A23L 23 /-</u>	<u>A47J 31 /-</u>	2018251087	2018251087	<u>A61K 51 /-</u>
2017363963	2017351481	2018411454	2018251758	2018251758	2017311510
2020201494	<u>A23L 27 /-</u>	2016342105	2018277949	2018277949	<u>A61K 51 /-</u>
<u>A01N 37 /-</u>	2017351481	<u>A47K 10 /-</u>	2018289731	2018289731	2017311510
2020204069	<u>A23L 33 /-</u>	2015412744	2018308332	2018308332	<u>A61K 6 /-</u>
<u>A01N 43 /-</u>	2017276668	<u>A47K 17 /-</u>	2018355528	2018355528	2018291349
2016338565	2018341753	2015412744	2018382122	2018382122	<u>A61K 8 /-</u>
2017224355	2019261476	<u>A47K 5 /-</u>	2018434278	2018434278	2018291349
2017379274	2019391065	<u>A61B 17 /-</u>	2019214861	2019214861	<u>A61K 8 /-</u>
2018235654	<u>A24D 1 /-</u>	2016259387	2019261476	2019261476	2018352330
<u>A01N 53 /-</u>	2017271362	2017268380	2019272064	2019272064	2019270965
2020201494	<u>A24F 47 /-</u>	2019261830	2019312088	2019312088	<u>A61K 9 /-</u>
<u>A01P 3 /-</u>	2017271362	2019264954	2019357801	2019357801	2019270965
2018235654	<u>A41D 1 /-</u>	2019441553	2020202146	2020202146	<u>A61K 9 /-</u>
<u>A01P 7 /-</u>	2019227306	2020260503	2020202576	2020202576	2014327809
2020201494	<u>A41D 13 /-</u>	2020286300	2020204217	2020204217	2015411334
<u>A21D 2 /-</u>	2015417918	<u>A61B 18 /-</u>	2015367275	2015367275	2016287422
2017282091	<u>A41D 3 /-</u>	2017269668	2016202831	2016202831	2016383697
2017295751	2019227306	2017269668	2016226247	2016226247	2017206077
<u>A21D 8 /-</u>	2019227306	<u>A61B 3 /-</u>	2016348294	2016348294	2017403655
2017295751	<u>A61B 5 /-</u>	2020203265	2016348294	2016348294	2018308332
		2020203265	2018341753	2018341753	2018352330
		<u>A61B 34 /-</u>	2018352330	2018352330	2020204069
		2020260503	2019391065	2019391065	2020204217
		<u>A61B 5 /-</u>	<u>A61K 38 /-</u>	<u>A61K 38 /-</u>	<u>A61L 2 /-</u>
		2016280696	2017289214	2017289214	2020204069
			2017305335	2017305335	<u>A61L 24 /-</u>
			2017308814	2017308814	2018308332
			2020203749	2020203749	<u>A61L 27 /-</u>
			<u>A61K 39 /-</u>	<u>A61K 39 /-</u>	2020277082
			2015373910	2015373910	<u>A61L 9 /-</u>
			2016233309	2016233309	2020220118
			2016292892	2016292892	<u>A61M 1 /-</u>
			2016358111	2016358111	2016370632
			2017426847	2017426847	2017260507
			2019208271	2019208271	
			2020203816	2020203816	
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				2018308332	

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2019210650	2015301978 2019261476	2016368547 2020202576	2020202202	2016203225	<u>B29C 48 /-</u>
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2019232922 2020203017	2016292892 2017261291 2018277949 2018289731 2019391065 2020202576	2019270965	2017322968	2020256359	<u>B29D 29 /-</u>
<u>A61M 25 /-</u>		<u>A61Q 17 /-</u>	<u>B01J 29 /-</u>	<u>B08B 3 /-</u>	2017267362
2017210307 2017227549 2017234384 2020204021		2018352330	2018312361	2016330894	<u>B32B 27 /-</u>
<u>A61M 27 /-</u>	<u>A61P 27 /-</u>	<u>A63B 21 /-</u>	<u>B01J 35 /-</u>	<u>B08B 9 /-</u>	2017226048 2019269665
2017260507 2020204021	2017261291 2018251087 2018251758	2017295022	2017322968 2019242998	2016330894	<u>B32B 37 /-</u>
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2019235911	2015367275 2016348294 2017314178 2018244916 2018289731	2017295022	2017322968	2016337596	<u>B32B 5 /-</u>
<u>A61M 39 /-</u>	<u>A61P 3 /-</u>	<u>A63B 71 /-</u>	<u>B01J 7 /-</u>	<u>B23D 45 /-</u>	2019269665
2017301621	2017261291 2017403655	2018307936	2019210650	2018292382	<u>B41J 2 /-</u>
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2016280855 2016358111 2017210307 2020203103	2018434278 2019357801	2017378423	2017326121 2019294262	2018292382 2018431008	<u>B42D 25 /-</u>
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2017207255 2017213644 2017363200 2020220196	2017261291 2017403655	2019246834	2016296589 2016302744 2017390258	2018431008	<u>B60D 1 /-</u>
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2016421086	2018434278 2019357801	2018362987	2020202202	2016247042	<u>B60F 5 /-</u>
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2016202831 2016250391 2018289731	2017213824	2016278350	2019272929	2018368620	<u>B60H 3 /-</u>
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2018251087 2018251758 2020204217	2014327809 2016226247 2016233309 2016383697 2017314178 2017426847 2018355528 2018382122 2019214861 2020204217	2016341007	2019272929	2018368620	<u>B60K 1 /-</u>
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2017261291 2017370560	2017314178	2016341007	2019272929	2018368620	<u>B60K 17 /-</u>
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2018251087 2018251758	2019312088	2016341007	2018336718	2018368620	<u>B60N 2 /-</u>
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2016348294 2018289731	2017261291	2020220118	2018336718	2020203635	<u>B60R 21 /-</u>
	<u>A61P 5 /-</u>	<u>B01D 61 /-</u>	<u>B05B 1 /-</u>	<u>B25B 11 /-</u>	2018362987 2020230281
	2016250391	2017346858	2016322701 2018285022	2018214439	<u>B60W 50 /-</u>
	<u>A61P 7 /-</u>	<u>B01D 69 /-</u>	<u>B05B 11 /-</u>	<u>B25B 5 /-</u>	2016410611 2017202070
	2015373910	2017346858	2016280644	2020203635	<u>B61L 27 /-</u>
		2017346858	2016330894	2016247042	2017262949
		2018312361	<u>B05B 7 /-</u>	<u>B25J 9 /-</u>	<u>B62D 21 /-</u>
		2018312361	2016330894	2016347660	2019228329
		2016356347 2017310049 2017326121	<u>B05B 9 /-</u>	<u>B28D 1 /-</u>	<u>B62K 5 /-</u>
			2019284009		2020210237

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<u>B62K 9 /-</u>	<u>B65D 77 /-</u>	<u>C01G 49 /-</u>	2017213824 2018235654 2018289731	<u>C07H 19 /-</u>	<u>C08L 67 /-</u>
2020210237	2016386856 2016399197	2017322968		2016383697	2016421086 2020202579
<u>B63B 22 /-</u>	<u>B65D 81 /-</u>	<u>C02F 1 /-</u>	<u>C07D 403 /-</u>	<u>C07H 21 /-</u>	<u>C08L 75 /-</u>
2017233233	2018390465	2016278350 2020227023	2017213824 2018244916	2015301978 2017370560	2017436626
<u>B64C 1 /-</u>	<u>B65D 83 /-</u>	<u>C02F 5 /-</u>	<u>C07D 405 /-</u>	<u>C07K 11 /-</u>	<u>C09D 127 /-</u>
2019269665	2016322701	2020227023	2016267614 2018235654	2017308814	2017203256
<u>B64D 1 /-</u>	<u>B65D 88 /-</u>	<u>C02F 9 /-</u>	<u>C07D 409 /-</u>	<u>C07K 14 /-</u>	<u>C09D 183 /-</u>
2016391977	2016288816	2020227023	2018235654	2016226247 2017289214 2017305335 2020203749	2020227037
<u>B64D 41 /-</u>	<u>B65D 90 /-</u>	<u>C05G 3 /-</u>	<u>C07D 413 /-</u>	<u>C07K 16 /-</u>	<u>C09D 5 /-</u>
2017201533	2016288816	2019242997 2019242998	2018235654	2015373910 2016212777 2016233309 2016292892 2020200981	2017203256 2020200681 2020227037
<u>B65B 25 /-</u>	<u>B65F 1 /-</u>	<u>C07C 241 /-</u>	<u>C07D 417 /-</u>	<u>C09J 109 /-</u>	
2020201198	2019359615	2017436626	2018235654 2018382122	2017267362	
<u>B65B 3 /-</u>	<u>B65G 1 /-</u>	<u>C07C 243 /-</u>	<u>C07D 471 /-</u>	<u>C09J 11 /-</u>	
2019236592	2020256359	2017436626	2017252460 2018355528	2017226048	
<u>B65B 31 /-</u>	<u>B65G 53 /-</u>	<u>C07C 327 /-</u>	<u>C07D 473 /-</u>	<u>C09J 161 /-</u>	
2019236592	2017336366	2020204069	2016267614	2019312088	
<u>B65B 43 /-</u>	<u>B66C 1 /-</u>	<u>C07C 407 /-</u>	<u>C07D 487 /-</u>	<u>C09J 3 /-</u>	
2019236592	2016295418	2020204069	2017261291 2017314178 2019214861	2016421086	
<u>B65B 9 /-</u>	<u>B66F 9 /-</u>	<u>C07C 409 /-</u>	<u>C07D 491 /-</u>	<u>C09J 5 /-</u>	
2018377384	2020227044	2020204069	2017261291 2017339417 2018434278	2017267362 2017322257	
<u>B65D 1 /-</u>	<u>B67C 3 /-</u>	<u>C07C 51 /-</u>	<u>C07D 493 /-</u>	<u>C09J 9 /-</u>	
2016386856 2018390465 2020202579	2020201626	2017296386	2017261291 2017339417 2018434278	2017437315	
<u>B65D 19 /-</u>	<u>C01B 13 /-</u>	<u>C07D 207 /-</u>	<u>C07D 495 /-</u>	<u>C09K 8 /-</u>	
2018295149	2017307365	2018382122	2017261291 2017339417 2018434278	2019309228	
<u>B65D 21 /-</u>	<u>C01B 3 /-</u>	<u>C07D 209 /-</u>	<u>C07D 498 /-</u>	<u>C10L 3 /-</u>	
2016386856 2018295149	2017326121 2019294262	2019267849	2017261291 2017379274 2019391065	2019213373	
<u>B65D 23 /-</u>	<u>C01B 32 /-</u>	<u>C07D 213 /-</u>	<u>C07D 499 /-</u>	<u>C11B 1 /-</u>	
2018390465	2017281543	2018235654 2018289731	2017261291	2017270259 2017296386	
<u>B65D 25 /-</u>	<u>C01G 23 /-</u>	<u>C07D 215 /-</u>	<u>C07D 498 /-</u>	<u>C11B 3 /-</u>	
2018295149	2017322968	2018251087 2018251758	2017261291	2017296386	
<u>B65D 5 /-</u>	<u>C01G 31 /-</u>	<u>C07D 239 /-</u>	<u>C07D 513 /-</u>	<u>C12C 11 /-</u>	
2020201198	2017322968	2018277949 2018289731 2020202146	2017261291 2018375456	2017272774	
<u>B65D 6 /-</u>	<u>C01G 39 /-</u>	<u>C07D 305 /-</u>	<u>C07F 5 /-</u>	<u>C12C 13 /-</u>	
2017276348	2017312531 2017322968	2016383697	2019357801	2017336366	
<u>B65D 75 /-</u>	<u>C01G 41 /-</u>	<u>C07D 401 /-</u>	<u>C07F 9 /-</u>	<u>C12G 3 /-</u>	
2017437315	2017322968		2017311510	2017272774	
				<u>C12H 6 /-</u>	
				2017272774	

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<u>C12N 1/-</u>	<u>C21D 9/-</u>	<u>E02D 13/-</u>	<u>E21B 23/-</u>	<u>F04D 25/-</u>	2016356347
2015266785	2018357807			2018354513	<u>F24H 9/-</u>
2015342997		2017231583	2016406203		2016250340
2016226247	<u>C22B 1/-</u>		2016407199	<u>F04D 29/-</u>	2016273852
2018341753		<u>E03B 3/-</u>		2018354513	
2020220118	2016337596		<u>E21B 25/-</u>		<u>F24S 25/-</u>
		2016278350		<u>F16B 25/-</u>	2018348090
<u>C12N 15/-</u>	<u>C22B 11/-</u>	2019329384	2017201518		
2014327809	2020213289	<u>E03C 1/-</u>	<u>E21B 33/-</u>	2019272060	<u>F24S 50/-</u>
2015266785				<u>F16D 55/-</u>	2016384284
2015278205	<u>C22B 26/-</u>	2017263143	2016406203		
2015301978			2016407199	2016377860	<u>F25B 29/-</u>
2015342997	2016337596	<u>E03F 1/-</u>		<u>F16D 65/-</u>	2020200123
2016226247	2019310188		<u>E21B 41/-</u>		
2016233309	<u>C22B 3/-</u>	2016278350	2016406203	2016377860	
2016270593		<u>E04B 1/-</u>		<u>F16G 1/-</u>	<u>F25B 49/-</u>
2017289214	2019310188		<u>E21B 43/-</u>		2018410266
2017305335	<u>C22B 7/-</u>	2016295418		2017267362	2018422256
2017370560		2017201077	2017229850		
		2019250177	2019309228	<u>F16L 59/-</u>	<u>F25D 11/-</u>
<u>C12N 5/-</u>	2016337596	<u>E04C 2/-</u>	<u>E21B 47/-</u>		
2015321438	<u>C23F 11/-</u>			2018309540	2018426820
2015367275		2018348090	2017201518	<u>F16M 13/-</u>	<u>F25D 17/-</u>
2016237923	2016267614		2017229850		
2016281627	<u>C30B 15/-</u>	<u>E04D 13/-</u>	<u>E21B 7/-</u>	2017300789	2018426820
2018273233				<u>F16P 3/-</u>	2020200123
2019204178	2020289881	2017201077	2018336718		
2020202214		<u>E04D 3/-</u>	<u>E21C 25/-</u>	2019265222	<u>F25D 23/-</u>
				<u>F21V 21/-</u>	2018309540
<u>C12N 7/-</u>	<u>C30B 29/-</u>	2017201077	2016351158		2018426820
2016338565	2020289881	<u>E04F 15/-</u>	2016410611	<u>F21V 8/-</u>	<u>F25D 29/-</u>
		2020258783	<u>E21C 27/-</u>	2020248490	
<u>C12N 9/-</u>	<u>C30B 35/-</u>	<u>E04G 21/-</u>	2016351158		2018411454
2015278205	2020289881		<u>E21C 31/-</u>	2017223716	<u>F25D 31/-</u>
2015373910	<u>D01D 1/-</u>	2016295418		<u>F22B 1/-</u>	2020200123
2016226247		<u>E04H 15/-</u>	2016351158	2016356347	<u>F28D 9/-</u>
2016280696	2016421086		<u>E21F 17/-</u>	<u>F22B 37/-</u>	2019389180
2016299760	<u>D01D 5/-</u>	2019329384		2017200128	<u>F28F 13/-</u>
2017295751		2020239921	2017205780	<u>F22G 7/-</u>	2016356347
	2016421086	<u>E05B 19/-</u>	2016356347		
<u>C12P 13/-</u>	<u>D01F 1/-</u>		<u>F02G 1/-</u>	2017200128	<u>F28F 3/-</u>
2015278205		2019265222		<u>F23Q 7/-</u>	2019389180
	2016421086	<u>E05B 67/-</u>	2016341007	2016355037	<u>F28G 1/-</u>
<u>C12P 17/-</u>	<u>D03D 47/-</u>		<u>F03B 13/-</u>	<u>F24F 11/-</u>	2016330894
2015278205		2019265222	2017233233		<u>F28G 9/-</u>
	2016279129	<u>E05F 15/-</u>	2018303540	<u>F24F 13/-</u>	2016330894
<u>C12P 7/-</u>	<u>D04B 1/-</u>	<u>E05F 17/-</u>		2016201969	<u>F41G 1/-</u>
2015266785			<u>F03D 13/-</u>	2018410266	
2015278205	<u>D04B 21/-</u>	2018392923		2020260577	2019208494
2017296386		<u>E06B 3/-</u>	2018430498	<u>F24F 7/-</u>	<u>F41H 11/-</u>
	2017285469		<u>F04C 18/-</u>		2020203089
<u>C12Q 1/-</u>	<u>D06F 58/-</u>	2018392923		2020260577	
2016280696		<u>E06B 5/-</u>	<u>F04C 29/-</u>	<u>F24H 1/-</u>	<u>F41H 13/-</u>
2018291406	2017285469				
2020200128	<u>D06F 58/-</u>	2019250177	2018406349		
<u>C12R 1/-</u>	2016206405	2019250177			
2018341753	<u>E01C 5/-</u>	<u>E06B 5/-</u>			
2020220118			<u>F04C 29/-</u>		
	2020258783	2019250177			
<u>C21D 1/-</u>	<u>E01C 9/-</u>	<u>E21B 21/-</u>	2018406349		
2018357807					
	2020258783	2018336718			

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2020203089	<u>G01N 35 /-</u>	2017264163	2017304230		2020282281
<u>G01B 11 /-</u>	2016296589	2017272304	2020287393	<u>G10L 17 /-</u>	2020294325
2017372901	2017212756	2017445389		2018226844	<u>H02G 3 /-</u>
	2017390258	2019261790	<u>G06Q 50 /-</u>		
<u>G01B 9 /-</u>	<u>G01R 31 /-</u>	2019279597	2019265222	<u>G10L 25 /-</u>	2017369798
2017372901	2016200295	2019338927		2018226844	<u>H02H 3 /-</u>
		2020200020	<u>G06T 1 /-</u>		
<u>G01C 21 /-</u>	<u>G01S 13 /-</u>	2020335018	2017228685	<u>G11C 11 /-</u>	2019229841
2019268100	2017205780		<u>G06T 15 /-</u>	2021200464	<u>H02J 3 /-</u>
		<u>G06F 40 /-</u>	2019226134	<u>G16H 10 /-</u>	2019220202
<u>G01C 7 /-</u>	<u>G01S 17 /-</u>	2016287770		2016287770	<u>H02J 50 /-</u>
2017205780	2017372901		<u>G06T 5 /-</u>	2016299367	2019380232
	2020261259	2020233743	2016373020	2019338927	
<u>G01D 4 /-</u>	<u>G01S 19 /-</u>	<u>G06F 9 /-</u>	2020202660		
2016203307	2017324466	2016277664	<u>G06T 7 /-</u>	<u>G16H 15 /-</u>	<u>H02J 7 /-</u>
		2017269712		2016299367	2019380232
<u>G01H 17 /-</u>	<u>G01S 7 /-</u>	2019262755	2017200916	2019338927	
2015412744	2020261259		2017272304	<u>G16H 30 /-</u>	2020203439
		<u>G06G 7 /-</u>	2018209336		
<u>G01H 9 /-</u>	<u>G02B 7 /-</u>	2020204166	2019268100	2016299367	<u>H02K 7 /-</u>
2017229850	2015360287	<u>G06K 17 /-</u>	2020256359	2019338927	
		2019284069		<u>G21G 1 /-</u>	2020203439
<u>G01J 3 /-</u>	<u>G02C 7 /-</u>		<u>G06T 9 /-</u>	2017312531	<u>H02N 2 /-</u>
2017372901	2017237076	<u>G06K 19 /-</u>	2019338927		
		2019284069	<u>G07C 9 /-</u>	<u>H01B 3 /-</u>	2017201533
<u>G01K 7 /-</u>	<u>G02F 1 /-</u>	2020294325	2019265222	2019269665	<u>H02S 20 /-</u>
2020294325	2019314744	<u>G06K 7 /-</u>	<u>G07F 19 /-</u>		
		2018295149	2020202480	<u>H01H 83 /-</u>	2016384284
<u>G01M 5 /-</u>	<u>G03B 17 /-</u>	2019380232		2019229841	<u>H03C 5 /-</u>
2017266832	2015360287	2020282281	<u>G07F 9 /-</u>	<u>H01L 27 /-</u>	2019289248
		2020294325	2017269712	2021200464	<u>H03K 19 /-</u>
<u>G01M 7 /-</u>	<u>G05D 1 /-</u>	<u>G06K 9 /-</u>	<u>G08B 13 /-</u>	<u>H01L 31 /-</u>	2020233743
2019233100	2017202070	2017201463	2016247180	2017205654	2021200464
	2018372829	2017330571		2017378670	<u>H03K 3 /-</u>
<u>G01N 1 /-</u>	<u>G06F 1 /-</u>	2019253572	<u>G08G 1 /-</u>		
2016302744	2019261790	2020294160	2020202447	<u>H01M 10 /-</u>	2020233743
2017201518		<u>G06N 10 /-</u>	2020266877	2016337596	2021200464
<u>G01N 15 /-</u>	<u>G06F 15 /-</u>	2020233743	<u>G09B 23 /-</u>		
2018313117	2017272304		2018435528	<u>H01M 8 /-</u>	2019289248
		<u>G06N 3 /-</u>		2016288816	
<u>G01N 27 /-</u>	<u>G06F 17 /-</u>	2019226134	<u>G09F 3 /-</u>	<u>H01Q 1 /-</u>	<u>H04B 5 /-</u>
2016345432	2016247180		2017271362		2019380232
2017207027	2017228671	<u>G06N 99 /-</u>		2017353835	
2017312101	2017304230	2021200464	<u>G09F 9 /-</u>	2020282281	<u>H04B 7 /-</u>
2019260666	2019253767		2020287393	2020294325	2016424446
<u>G01N 29 /-</u>	<u>G06F 21 /-</u>	<u>G06Q 10 /-</u>			2016435027
2018313117	2017395734	2018366020	<u>G09G 3 /-</u>	<u>H01Q 19 /-</u>	
	2019222743	2019253767	2020287393	2017353835	<u>H04L 1 /-</u>
<u>G01N 30 /-</u>	2020200650	2020204640		2018203890	2016435027
2019267849	2020273301	<u>G06Q 20 /-</u>	<u>G10L 13 /-</u>	<u>H01Q 23 /-</u>	
		2019284069	2020227065	2018203890	<u>H04L 12 /-</u>
<u>G01N 33 /-</u>	<u>G06F 3 /-</u>	2020202480	<u>G10L 15 /-</u>		2017301617
2016242897	2016203307		2021245127	<u>H01Q 9 /-</u>	2018223887
2016292892	2017202070	<u>G06Q 30 /-</u>		2017353835	
	2017206466				

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<u>H04L 27 /-</u>	<u>H04W 74 /-</u>
2019289248	2017394023
2019380232	2017439762
<u>H04L 29 /-</u>	<u>H04W 76 /-</u>
2017222581	2017336005
2020233645	2019380232
<u>H04L 5 /-</u>	<u>H04W 80 /-</u>
2017298226	2018418629
2017439921	
<u>H04L 9 /-</u>	<u>H04W 84 /-</u>
2017222581	2017301941
<u>H04N 1 /-</u>	<u>H04W 88 /-</u>
2017200916	2018223887
<u>H04N 21 /-</u>	<u>H05B 6 /-</u>
2020287393	2016403902
<u>H04N 5 /-</u>	<u>H05H 13 /-</u>
2019285161	2018214391
<u>H04R 1 /-</u>	<u>H05K 9 /-</u>
2018359547	2019285161
<u>H04R 17 /-</u>	
2018359547	
<u>H04R 25 /-</u>	
2018214439	
<u>H04R 5 /-</u>	
2018359547	
<u>H04S 5 /-</u>	
2018359547	
<u>H04W 12 /-</u>	
2017301941	
2018366755	
<u>H04W 24 /-</u>	
2020207794	
<u>H04W 4 /-</u>	
2017301941	
2017304230	
2019380232	
<u>H04W 52 /-</u>	
2019250923	
<u>H04W 72 /-</u>	
2016432933	
2017246713	
2018382109	

Certified Innovation Patents

Name Index

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

<p>(71) Apple Inc. (11) AU-B-2021100511 (21) 2021100511 (22) 27.01.2021 (54) Mobile key enrollment and use (51) Int. Cl. <i>H04L 9/32</i> (2006.01) <i>G06Q 20/36</i> (2012.01) (31) 62/966,481 (32) 27.01.20 (33) US 17/077,820 22.10.20 US (45) 18.11.2021 (72) KRAMAR, Vitalii; VAN OS, Marcel; DARGAN, Dorian D. (74) FPA Patent Attorneys Pty Ltd</p>	<p>(71) Maxtrax Australia Pty Ltd (11) AU-B-2021101088 (21) 2021101088 (22) 01.03.2021 (54) An automotive tow hitch device (51) Int. Cl. <i>B60D 1/18</i> (2006.01) <i>B60D 1/02</i> (2006.01) <i>B60D 1/52</i> (2006.01) <i>B60D 1/58</i> (2006.01) (45) 18.11.2021 (62) PCT/AU2019/051102 (72) McCarthy, Bradley John; Davidson, Neil; French, Alexandra; Toohey, Paul (74) Spruson & Ferguson</p>	<p>(51) Int. Cl. <i>E04H 15/06</i> (2006.01) <i>E04H 15/48</i> (2006.01) (45) 18.11.2021 (62) 2018425677 (72) JIN, Qiu; ZHOU, Nanqing; MAO, Muhua; CHEN, Ming (74) Q-YIELD OUTDOOR GEAR LTD.</p>
<p>(71) Bruder IP Pty Ltd (11) AU-B-2021100870 (21) 2021100870 (22) 12.02.2021 (54) Towable vehicle (51) Int. Cl. <i>B60G 3/20</i> (2006.01) <i>B60G 17/0165</i> (2006.01) <i>B60G 17/017</i> (2006.01) <i>B60G 17/0195</i> (2006.01) <i>B60J 7/16</i> (2006.01) <i>B60P 3/32</i> (2006.01) <i>B62D 21/20</i> (2006.01) (45) 18.11.2021 (62) 2018308943 (72) Bosschieter, Daniel; Bosschieter, Tobias; Gibson, Anthony (74) Davies Collison Cave Pty Ltd</p>	<p>(71) McWilliams, M. (11) AU-B-2020104170 (21) 2020104170 (22) 18.12.2020 (54) Sprayer Unit (51) Int. Cl. <i>A01G 25/09</i> (2006.01) (45) 18.11.2021 (62) 2014101625 (72) McWilliams, Matt (74) BRM Patent Attorneys Pty Ltd</p>	<p>(71) SOURCE GLOBAL PTY. LTD. (11) AU-B-2021103229 (21) 2021103229 (22) 09.06.2021 (54) IMPROVED RAIN GUTTER BRACKET (51) Int. Cl. <i>E04D 13/072</i> (2006.01) (45) 18.11.2021 (72) Pussell, Patrick (74) SOURCE GLOBAL PTY. LTD.</p>
<p>(71) Delnorth Pty. Ltd. (11) AU-B-2021107562 (21) 2021107562 (22) 29.03.2021 (54) Roadside post (51) Int. Cl. <i>E01F 9/627</i> (2016.01) <i>C23C 26/00</i> (2006.01) <i>E01F 9/60</i> (2016.01) <i>E01F 9/608</i> (2016.01) C23C 4/129 (2016.01) C23C 4/131 (2016.01) (45) 18.11.2021 (72) Christie, Paul (74) Spruson & Ferguson</p>	<p>(71) Plotlogic Pty Ltd (11) AU-B-2021103784 (21) 2021103784 (22) 01.07.2021 (54) Geological sample holder (51) Int. Cl. <i>B01L 3/00</i> (2006.01) <i>G01N 1/28</i> (2006.01) <i>G01V 1/30</i> (2006.01) (31) 2021900500 (32) 24.02.21 (33) AU (45) 18.11.2021 (72) Job, Andrew; Garlan, Matthew; Wyss, Johann (74) Spruson & Ferguson</p>	<p>(71) Tritana Intellectual Property Ltd. (11) AU-B-2021100875 (21) 2021100875 (22) 12.02.2021 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM (51) Int. Cl. <i>A01F 12/44</i> (2006.01) <i>A01F 12/30</i> (2006.01) (45) 18.11.2021 (62) 2021200395 (72) Mayerle, Dean (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>
<p>(71) Laserforce International Pty Ltd (11) AU-B-2021100682 (21) 2021100682 (22) 03.02.2021 (54) Redemption points method and system for laser-tag games (51) Int. Cl. <i>A63F 9/24</i> (2006.01) <i>A63F 9/02</i> (2006.01) (31) 2020900645 (32) 04.03.20 (33) AU (45) 18.11.2021 (72) Carton, Christopher Scott (74) Intellepro</p>	<p>(71) PowerPal Pty Ltd (11) AU-B-2018100186 (21) 2018100186 (22) 09.02.2018 (54) METHOD AND SYSTEM FOR POWER CONSUMPTION MONITORING AND MANAGEMENT (51) Int. Cl. <i>G05B 19/02</i> (2006.01) <i>H02J 13/00</i> (2006.01) (31) 2018900258 (32) 29.01.18 (33) AU (45) 18.11.2021 (72) Neal, Peter (74) Pini IP</p>	<p>(71) Tritana Intellectual Property Ltd. (11) AU-B-2021100889 (21) 2021100889 (22) 15.02.2021 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM (51) Int. Cl. <i>A01F 12/44</i> (2006.01) <i>A01F 12/30</i> (2006.01) (45) 18.11.2021 (62) 2021200395 (72) Mayerle, Dean (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD</p>
<p>(71) Q-YIELD OUTDOOR GEAR LTD. (11) AU-B-2020100215 (21) 2020100215 (22) 14.02.2020 (54) SIDE SUPPORTING TYPE VEHICLE ROOF TENT</p>	<p>(71) Q-YIELD OUTDOOR GEAR LTD. (11) AU-B-2020100215 (21) 2020100215 (22) 14.02.2020 (54) SIDE SUPPORTING TYPE VEHICLE ROOF TENT</p>	<p>(71) Q-YIELD OUTDOOR GEAR LTD. (11) AU-B-2020100215 (21) 2020100215 (22) 14.02.2020 (54) SIDE SUPPORTING TYPE VEHICLE ROOF TENT</p>

Numerical Index

2018100186	PowerPal Pty Ltd
2020100215	Q-YIELD OUTDOOR GEAR LTD.
2020104170	McWilliams, M.
2021100511	Apple Inc.
2021100682	Laserforce International Pty Ltd
2021100870	Bruder IP Pty Ltd
2021100875	Tritana Intellectual Property Ltd.
2021100889	Tritana Intellectual Property Ltd.
2021101088	Maxtrax Australia Pty Ltd
2021103229	SOURCE GLOBAL PTY. LTD.
2021103784	Plotlogic Pty Ltd
2021107562	Delnorth Pty. Ltd.

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<u>A63F 9 /-</u>	2021100511
2021100682	
<u>B01L 3 /-</u>	
2021103784	
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2021101088	
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2021100870	
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2021100870	
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2021107562	
<u>C23C 4 /-</u>	
2021107562	
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2021103229	
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2021103784	
<u>G05B 19 /-</u>	
2018100186	

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition under Section 104(4) - Lodged2016251687 **CureVac AG** (BioNTech RNA Pharmaceuticals GmbH)**Patents Granted****Standard Patents**

2014280955	2014384759	2015206520	2015228940
2015229464	2015240088	2015248807	2015249274
2015249846	2015275231	2015277857	2015284197
2015306692	2015320678	2015336029	2015339306
2015346141	2015346486	2015366284	2015368293
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2021106325	2021106345	2021106354	2021106375
2021106395	2021106399	2021106591	2021106647
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2021106858	2021106859	2021106860	2021106862
2021106863	2021106866	2021106868	2021106869
2021106871	2021106872		

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 04.11.2021, Patent 2021101819 in the name of **Shukla, A.; Singh, S.; Patrik, A.; Nath, R.K.; Ahmad, T.; Hans, K.; Hashmi, A.; Gupta, M.; Chauhan, S.; Sinha, M.** has been revoked in relation to Revoked by Commissioner under Section of the Patents Act.

It is hereby notified that as a consequence of a decision by the Commissioner dated 04.11.2021, Patent 2021101460 in the name of **Trivedi, M.C.; Jain, P.; AGRAWAL, K.** has been revoked in relation to Revoked by Commissioner under Section of the Patents Act.

Proceedings under Section 215**Amendment under Section 215, Death of the Applicant**
2020904843

The name of the applicant has been amended from Colin Thurgood to Thurgood, B.; Thurgood, C.; Thurgood, B.

Assignments Registered

2002214880 Compass Minerals Manitoba Inc. The patent has been assigned to **KOCH AGRONOMIC SERVICES, LLC**

2008243662 Compass Minerals Manitoba Inc. The patent has been assigned to **KOCH AGRONOMIC SERVICES, LLC**

2009296719 Ellis, Fibre USA, LLC The patent has been assigned to **Restaurant Technologies, Inc.**

2010251842 Compass Minerals Manitoba Inc. The patent has been assigned to **KOCH AGRONOMIC SERVICES, LLC**

2012285356 Rossato, Luca; Meardi, Guido The patent has been assigned to **V-Nova International Ltd.**

2012285359 Rossato, Luca; Meardi, Guido The patent has been assigned to **V-Nova International Ltd.**

2012285406 Meardi, Guido; Rossato, Luca The patent has been assigned to **V-Nova International Ltd.**

Assignments Registered

2013261843 Rossato, Luca; Meardi, Guido The patent has been assigned to **V-Nova International Ltd.**

2014229794 NeemCo Limited The patent has been assigned to **CAN Technologies, Inc.**

2014236653 TDW Group The patent has been assigned to **Polaris Group**

2014255324 Meardi, Guido; Rossato, Luca The patent has been assigned to **V-Nova International Ltd.**

2014277944 Salpietra, Jordan The patent has been assigned to **Restaurant Technologies, Inc.**

2014385789 Compass Minerals Manitoba Inc. The patent has been assigned to **KOCH AGRONOMIC SERVICES, LLC**

2015266897 Fresh Cut Development, LLC The patent has been assigned to **Radius Pharmaceuticals, Inc.**

2015317848 TDW Group The patent has been assigned to **Polaris Group**

2016321289 Mozer, Reese The patent has been assigned to **American Robotics, Inc.**

2017213593 MEARDI, Guido; ROSSATO, Luca The patent has been assigned to **V-Nova International Ltd.**

2018201900 NeemCo Limited The patent has been assigned to **CAN Technologies, Inc.**

2019202623 Salpietra, Jordan The patent has been assigned to **Restaurant Technologies, Inc.**

2020100652 Henson, Sophie The patent has been assigned to **Please Stay Foundation LTD**

2021106736 Thurgood, Colin The patent has been assigned to **Thurgood, Benjamin; Thurgood, Curtis; Thurgood, Brittany**

Licences Registered - Section 187, Reg. 19

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

2004289510 MMD Design & Consultancy Limited (MMD Australia Pty Ltd)

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2018282427 **Glaxo Group Limited**

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

For the goods TRELEGY Ellipta

Applications Accepted

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

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

2005318292 **Galderma Research & Development**

The earliest first regulatory approval date provided by the patentee 18 Jan 2021

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

For the goods AKLIEF trifarotene

Address for service : Phillips Ormonde Fitzpatrick L 19 133 Castlereagh Street SYDNEY NSW 2000 AU

Corrigenda

In Vol 35 , No 16 , Page(s) 3485 under the heading **Provisional Applications Filed - Name Index** Under the name VSPC Ltd., Application No. 2021900975, under INID (72) correct the co-inventor to Worsley, John

In Vol 35 , No 30 , Page(s) 6079 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021102144.

In Vol 35 , No 37 , Page(s) 7379 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021103171.

In Vol 35 , No 43 , Page(s) 8433 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Telefonaktiebolaget LM Ericsson (publ), Application No. 2020247230, under INID (72) correct the co-inventor to AXNÄS, Johan

In Vol 35 , No 44 , Page(s) 8538 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021105357.

In Vol 35 , No 44 , Page(s) 8598 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name BioArdis LLC, Application No. 2020258568, Under INID (72) add co-inventor CHEN, Dianjun

In Vol 35 , No 44 , Page(s) 8604 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Deflecto LLC, Application No. 2019444491, under INID (71) correct the applicant name to Deflect LLC

In Vol 35 , No 44 , Page(s) 8605 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Dizal (Jiangsu) Pharmaceutical Co., Ltd.; Advenchen Pharmaceuticals, LLC, Application No. 2020281332, under INID (71) remove co-applicant Advenchen Pharmaceuticals, LLC

In Vol 35 , No 45 , Page(s) 8795 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name C.M.C. SpA. , Application No.2020251012, under INID (71) correct the applicant name to C.M.C. S.p.A

In Vol 35 , No 45 , Page(s) 8822 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Rown Equipment Corporation, Application No. 2020283562, under INID (71) correct the applicant name to Crown Equipment Corporation

Specifications Republished

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

2016341241	ILTOO Pharma
2018333350	Huawei Technologies Co., Ltd.
2019280047	Adobe Inc.
2020243430	Bio-Rad AbD Serotec GmbH