



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

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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

Aluminium Specialties Group Pty Ltd v Dezinal Pty Ltd [2022] APO 28

Patent Application: 2016256750

Title: A Drain Grate Assembly

Patentee: Dezinal Pty Ltd

Opponent: Aluminium Specialties Group Pty Ltd

Delegate: R Subbarayan

Decision Date: 13 April 2022

Hearing Date: Written submissions filed on 2 March 2022

Catchwords: PATENTS - opposition under section 104 – allowability under subsections 102(1) and 102(2) considered – whether the amendments extend beyond the disclosure as filed – whether as a result of the amendments, the claims are not supported or not clear – amendments allowable – costs awarded against the opponent

Representation: Patent attorney for the patentee: Spruson & Ferguson
Patent attorney for the opponent: FPA Patent Attorneys Pty Ltd

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 12 Apr 2022 .

<hr/> <p>(71) ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LTD (21) 2022900993 (22) 13.04.2022 (54) GAMING DEVICE WITH ACTIVATABLE FEATURE STATES</p> <hr/> <p>(71) Brown, R. (21) 2022900977 (22) 12.04.2022 (54) An orthotic kit and an orthotic formed therefrom</p> <hr/> <p>(71) Centenary Institute of Cancer Medicine and Cell Biology; University of Sydney (21) 2022900994 (22) 13.04.2022 (54) Conjugates and their use in therapy</p> <hr/> <p>(71) Cripps Clark, J. (21) 2022900980 (22) 13.04.2022 (54) JicCrack(TT+) : Disclosed are systems of devices, architectures and methods for managing a common framework ensuring high quality economic outcomes for digital data assets.</p> <hr/> <p>(71) Davies, A. (21) 2022900979 (22) 12.04.2022 (54) A machine learning operation</p> <hr/> <p>(71) Deakin University (21) 2022901007 (22) 14.04.2022 (54) WET PARTICLE EMULSIFIER</p> <hr/> <p>(71) Giannini, N. (21) 2022900978 (22) 12.04.2022 (54) A SHAPED MATRIX AND METHODS OF USE OF SAME</p> <hr/> <p>(71) Hollioake, A. (21) 2022900986 (22) 13.04.2022 (54) A boxing training system</p> <hr/>	<p>(71) iModality Pty Ltd (21) 2022900990 (22) 13.04.2022 (54) A palm pad for use with an apparatus and method for prompting conscious breathing</p> <hr/> <p>(71) Invertigro Pty Ltd (21) 2022900983 (22) 13.04.2022 (54) Column segment for growing plants</p> <hr/> <p>(71) LIQUIM PTY LTD (21) 2022901005 (22) 14.04.2022 (54) DUAL MODE DISPENSER AND METHOD OF USE</p> <hr/> <p>(71) Locata Corporation Pty Ltd (21) 2022900982 (22) 13.04.2022 (54) Apparatus and Methods for Monitoring Deflection of a Structural Element</p> <hr/> <p>(71) Milatos, N. (21) 2022901006 (22) 14.04.2022 (54) COMPUTER-IMPLEMENTED SYSTEM AND METHOD OF PROVIDING TASK SCHEDULES TO SERVICE PROVIDERS</p> <hr/> <p>(71) Mineralux Australia Pty Ltd (21) 2022900988 (22) 13.04.2022 (54) A METHOD AND COMPOSITION FOR TREATING WATER</p> <hr/> <p>(71) Nassif, J. (21) 2022900985 (22) 13.04.2022 (54) Battery and battery accessory</p> <hr/> <p>(71) Polymeron Pty Ltd (21) 2022900992 (22) 13.04.2022 (54) A treatment process</p> <hr/>	<p>(71) Skin2Neuron Pty Ltd (21) 2022900981 (22) 13.04.2022 (54) Processing device</p> <hr/> <p>(71) Snosko Pty Ltd (21) 2022900989 (22) 13.04.2022 (54) A DUAL WALLED TANK</p> <hr/> <p>(71) Think Tank 42 Pty Ltd (21) 2022900991 (22) 13.04.2022 (54) A method and system for carbon capture and recycling</p> <hr/> <p>(71) TORC Clean Energy Pty Ltd (21) 2022900976 (22) 12.04.2022 (54) Energy storage and supply system</p> <hr/> <p>University of Sydney see Centenary Institute of Cancer Medicine and Cell Biology (21) 2022900994</p> <hr/> <p>(71) WiseTech Global Limited (21) 2022900984 (22) 13.04.2022 (54) Detecting Inaccuracies in Carrier Location Data of a Vessel</p> <hr/>
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2022900976	TORC Clean Energy Pty Ltd
2022900977	Brown, R.
2022900978	Giannini, N.
2022900979	Davies, A.
2022900980	Cripps Clark, J.
2022900981	Skin2Neuron Pty Ltd
2022900982	Locata Corporation Pty Ltd
2022900983	Invertigro Pty Ltd
2022900984	WiseTech Global Limited
2022900985	Nassif, J.
2022900986	Hollooake, A.
2022900988	Mineralux Australia Pty Ltd
2022900989	Snosko Pty Ltd
2022900990	iModality Pty Ltd
2022900991	Think Tank 42 Pty Ltd
2022900992	Polymeron Pty Ltd
2022900993	ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LTD
2022900994	Centenary Institute of Cancer Medicine and Cell Biology; University of Sydney
2022901005	LIQUIM PTY LTD
2022901006	Milatos, N.
2022901007	Deakin University

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 12 Apr 2022 .

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

<hr/> <p>(71) 2MT Mining Products Pty Ltd (21) 2022202367 (22) 08.04.2022 (54) Protection Systems (62) 2020317370</p> <hr/> <p>(71) Acerus Biopharma Inc. (21) 2022202402 (22) 12.04.2022 (54) INTRANASAL TESTOSTERONE GEL FORMULATIONS AND USE THEREOF FOR TREATING MALE HYPOGONADISM (62) 2020210227</p> <hr/> <p>(71) Achillion Pharmaceuticals, Inc. (21) 2022202403 (22) 12.04.2022 (54) Aryl, Heteroary, And Heterocyclic Pharmaceutical Compounds For Treatment Of Medicinal Disorders (62) 2018227849</p> <hr/> <p>(71) Adamis Pharmaceuticals Corporation (21) 2022202422 (22) 12.04.2022 (54) SYRINGE DEVICES (62) 2020202668</p> <hr/> <p>(71) Afiniti, Ltd. (21) 2022202414 (22) 12.04.2022 (54) Call Mapping Systems and Methods Using Bayesian Mean Regression (BMR) (62) 2020203838</p> <hr/> <p>(71) Allergan, Inc. (21) 2022202326 (22) 07.04.2022 (54) Cyclosporin compositions (62) 2020202459</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2022202327 (22) 07.04.2022 (54) FRAUD DETECTION SYSTEM IN CASINO (62) 2021201556</p> <hr/> <p>(71) Apple Inc. (21) 2022202360 (22) 08.04.2022 (54) Voice communication method (62) 2020210262</p> <hr/> <p>(71) Apple Inc. (21) 2022202368 (22) 08.04.2022</p>	<p>(54) Providing a remote keyboard service (62) 2020227074</p> <hr/> <p>(71) Apple Inc. (21) 2022202377 (22) 11.04.2022 (54) User interfaces for capturing and managing visual media (62) 2022200966</p> <hr/> <p>(71) Arbutus Biopharma Corporation (21) 2022202352 (22) 08.04.2022 (54) Lipid compositions (62) 2020203972</p> <hr/> <p>(71) Argonaut Therapeutics Limited (21) 2022202389 (22) 11.04.2022 (54) Compounds useful in the treatment or prevention of a PRMT5-mediated disorder (62) 2018235139</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022202426 (22) 12.04.2022 (54) ELECTRONIC GAMING DEVICE HAVING EXPANDING REEL (31) 17/710,415 (32) 31.03.22 (33) US 63/176,096 16.04.21 US</p> <hr/> <p>(71) Aristocrat Technologies, Inc. (21) 2022202427 (22) 12.04.2022 (54) ELECTRONIC GAMING DEVICE WITH SKILL-BASED REEL AND RANDOM-EVENT-BASED REELS (31) 17/491,299 (32) 30.09.21 (33) US 63/176,166 16.04.21 US</p> <hr/> <p>(71) Aristocrat Technologies Australia Pty Limited (21) 2022202383 (22) 11.04.2022 (54) A gaming system and a method of gaming (62) 2020201010</p> <hr/> <p>(71) Armstrong World Industries, Inc. (21) 2022202295 (22) 06.04.2022 (54) Interlocking floor panels with high performance locking profiles (62) 2020204257</p> <hr/> <p>(71) Arrowhead Pharmaceuticals, Inc. (21) 2022202365 (22) 08.04.2022</p>	<p>(54) Compositions and methods for inhibiting gene expression of Hepatitis B virus (62) 2019240625</p> <hr/> <p>(71) Aura Biosciences, Inc.; The United States of America, as Represented By The Secretary, Department Of Health and Human Services (21) 2022202408 (22) 12.04.2022 (54) Virus-Like Particle Conjugates For Diagnosis and Treatment Of Tumors (62) 2020201799</p> <hr/> <p>(71) Automated Pet Care Products, LLC (21) 2022202351 (22) 08.04.2022 (54) Automated Food Dispenser (62) 2019343051</p> <hr/> <p>(71) Avalyn Pharma Inc. (21) 2022202349 (22) 07.04.2022 (54) Aerosol tyrosine kinase inhibitor compounds and uses thereof (62) 2020201933</p> <hr/> <p>(71) Avectas Limited (21) 2022202410 (22) 12.04.2022 (54) Delivery across cell plasma membranes (62) 2020200379</p> <hr/> <p>(71) AVERY DENNISON CORPORATION (21) 2022202415 (22) 12.04.2022 (54) MULTILAYER SELF-ADHESIVE FOULING RELEASE FILM WITH TEXTURED SURFACE (62) 2019333525</p> <hr/> <p>(71) Baylor College of Medicine; Texas Heart Institute (21) 2022202336 (22) 07.04.2022 (54) Trocars (62) 2017253708</p> <hr/> <p>(71) Biomerieux, Inc. (21) 2022202374 (22) 08.04.2022 (54) Method and apparatus for detection of foam in specimen containers (62) 2017269412</p> <hr/> <p>BROTCHIE, P. see PAGE, M. (21) 2022202380</p>
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Complete Applications Filed - Name Index cont'd

(71) BuyCloud
(21) 2022202425 (22) 12.04.2022
(54) Purchasing property online, through one ecosystem.

(71) CACI, INC. - Federal
(21) 2022202324 (22) 07.04.2022
(54) DEPLOYABLE HARDENED HOUSING UNITS
(62) 2019388607

(71) Cancer Research Technology Limited
(21) 2022202325 (22) 07.04.2022
(54) Compounds useful as RET inhibitors
(62) 2018252251

(71) Caris Science, Inc.
(21) 2022202401 (22) 12.04.2022
(54) METHOD, APPARATUS, AND COMPUTER PROGRAM PRODUCT FOR ANALYZING BIOLOGICAL DATA
(62) 2016326742

(71) Caterpillar Underground Mining Pty Ltd
(21) 2022202397 (22) 11.04.2022
(54) System and method for calibrating process to compute weight of material in dump bodies

(71) CNH Industrial America LLC
(21) 2022202358 (22) 08.04.2022
(54) Agricultural header with swath gate for spreading and converging crop material
(31) 17/226,548 (32) 09.04.21 (33) US

(71) Cold Spring Harbor Laboratory
(21) 2022202323 (22) 07.04.2022
(54) Treatment of Rett Syndrome
(62) 2020202426

(71) CROWN EQUIPMENT CORPORATION
(21) 2022202357 (22) 08.04.2022
(54) Tiller head
(31) PCT/ CN2021/088760 (32) 21.04.21 (33) CN

(71) Deere & Company
(21) 2022202362 (22) 08.04.2022
(54) System and method for vehicle flow synchronization with respect to a work machine in a material loading cycle
(31) 17/383,626 (32) 23.07.21 (33) US
63/187,806 12.05.21 US

(71) Deere & Company
(21) 2022202369 (22) 08.04.2022
(54) System and method for assisted positioning of transport vehicles relative to a work machine during material loading
(31) 17/539,313 (32) 01.12.21 (33) US
63/187,813 12.05.21 US

(71) Deere & Company
(21) 2022202371 (22) 08.04.2022
(54) System and method for assisted positioning of transport vehicles for material discharge in a worksite
(31) 17/383,626 (32) 23.07.21 (33) US
63/187,806 12.05.21 US

(71) Deere & Company
(21) 2022202428 (22) 12.04.2022
(54) System and method of truck loading assistance for work machines
(31) 17/405,314 (32) 18.08.21 (33) US
63/187,809 12.05.21 US

(71) Deere & Company
(21) 2022202429 (22) 12.04.2022
(54) System and method for real-time material carryback deduction in loading and dumping work cycles
(31) 17/532,727 (32) 22.11.21 (33) US
63/187,808 12.05.21 US
63/190,933 20.05.21 US

(71) Deere & Company
(21) 2022202430 (22) 12.04.2022
(54) Real-time surface scanning and estimation of ground characteristics for ground compacting work machines
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

- 1 Application Lapsed Section 142(2)(a)
- 3 Application Lapsed Section 142(2)(c)
- 4 Application Lapsed Section 142(2)(d)
- 5 Application Lapsed Section 142(2)(e)
- 6 Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)\Reg. 8.3(3)
- 7 Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
- 8 Application Lapsed Reg. 3.4(6)
- 9 Application Lapsed Section 142(3)
- 11 Application Lapsed Section 148(1)(c)
- 12 Application Withdrawn Section 141(1)
- 13 Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
- 14 Patent Ceased Section 143(a), or Expired
- 15 Patent Ceased Section 143(b)
- 16 Application Refused
- 17 Application Lapsed Reg. 22.2B(2)
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- 26 Application Lapsed Reg. 3.5AC(11)
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- 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
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 2017336309 (14) 2017339402 (4C) 2017342083 (5C)
 2017354090 (25D) 2017358915 (4B) 2017419978 (4C)
 2017427861 (12C) 2017428907 (25D) 2017433177 (4C)
 2017434616 (5C)

2018

2018100892 (22) 2018101468 (22E) 2018203132 (5C)
 2018250843 (25D) 2018275679 (5C) 2018339207 (5C)
 2018375959 (5C) 2018389568 (5C) 2018390751 (5C)
 2018397616 (5C) 2018415217 (5C)

2019

2019101128 (22E) 2019101129 (22E) 2019101130 (22E)
 2019101131 (22E) 2019101132 (22E) 2019101133 (22E)
 2019101134 (22E) 2019101135 (22E) 2019101136 (22E)
 2019101137 (22E) 2019101138 (22E) 2019101139 (22E)
 2019101140 (22E) 2019101141 (22E) 2019101142 (22E)
 2019101143 (22E) 2019101145 (22E) 2019101147 (22E)
 2019101148 (22E) 2019101149 (22E) 2019101150 (22E)
 2019101151 (22E) 2019101153 (22E) 2019101154 (22E)
 2019101156 (22E) 2019101157 (22E) 2019101158 (22E)
 2019101159 (22E) 2019101160 (22E) 2019101161 (22E)
 2019101162 (22E) 2019208468 (5C) 2019219782 (14)
 2019228645 (5C) 2019233778 (5C) 2019240684 (5C)
 2019253874 (5C) 2019282850 (5C) 2019283936 (5C)

2020

2020102020 (21F) 2020200454 (5C) 2020200535 (5C)
 2020200563 (5C) 2020200746 (5C) 2020201127 (5C)
 2020201145 (5C) 2020201417 (5C) 2020201683 (5C)
 2020201744 (4C) 2020201961 (5C) 2020202013 (5C)
 2020202469 (5C) 2020202595 (4C) 2020202740 (5C)
 2020202917 (5C) 2020203098 (5C) 2020203141 (5C)
 2020203184 (4C) 2020203814 (5C) 2020203835 (5C)
 2020203895 (5C) 2020204073 (5C) 2020204527 (5C)
 2020204614 (5C) 2020205335 (5C) 2020210304 (5C)
 2020220091 (5C) 2020257024 (5C)

2021

2021103172 (16NN) 2021103942 (16NN) 2021104276 (16NN)
 2021201128 (5C) 2021901102 (12AN) 2021901780 (12AN)
 2021901781 (12AN) 2021901782 (12AN)

2022

2022202371 (12AN) 2022900890 (12AN)

Assignments before Grant, Section 113

2018

2018317930 Curtin University The application has been assigned to **Mining and Process Solutions Pty Ltd**

2018340866 Curtin University The application has been assigned to **Mining and Process Solutions Pty Ltd**

2018346682 Hexion Inc. The application has been assigned to **Bakelite UK Holding Ltd.**

2018346978 Adimab, LLC The application has been assigned to **Mapp Biopharmaceutical, Inc.**

2018353136 Omniome, Inc. The application has been assigned to **Pacific Biosciences of California, Inc.**

2019

2019231033 Hexion Inc. The application has been assigned to **Bakelite UK Holding Ltd.**

2019255987 Omniome, Inc. The application has been assigned to **Pacific Biosciences of California, Inc.**

2019261218 Omniome, Inc. The application has been assigned to **Pacific Biosciences of California, Inc.**

2019276719 Omniome, Inc. The application has been assigned to **Pacific Biosciences of California, Inc.**

2019289884 IPSEN Pharma S.A.S. The application has been assigned to **SatoSea Oncology GmbH**

2019289886 IPSEN Pharma S.A.S. The application has been assigned to **SatoSea Oncology GmbH**

2019312152 Omniome, Inc. The application has been assigned to **Pacific Biosciences of California, Inc.**

2019381615 Syngenta Crop Protection AG; Syngenta Participations AG; Syngenta Crop Protection, LLC The application has been assigned to **Syngenta Crop Protection AG**

2019451536 Afonina, Elena; Becton, Dickinson and Company; Goel, Emily; Do, Hiep; Lecy, Cyal; Guryev, Oleg; Randall, Michael; Mehrouyan, Majid; Wang, Jeffrey; Sharkey, Marybeth The application has been assigned to **Becton, Dickinson and Company**

2020

2020267737 Ideya Labs, LLC The application has been assigned to **Blendtec, Inc.**

2020904182 Smith, Danny The application has been assigned to **Aussie Traveller Pty Ltd**

2021

2021200563 Smith, Danny The application has been assigned to **Aussie Traveller Pty Ltd**

Assignments before Grant, Section 113

2021202669 Curtin University The application has been assigned to **Mining and Process Solutions Pty Ltd**

2021250839 Rakic, John The application has been assigned to **Rakman International Pty Ltd**

Extensions of Time, Section 223

Applications Received

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

2019

2019100938 **SAFESOFT LIMITED** An application to extend the time from 21 Aug 2021 to 21 Mar 2022 in which to pay a renewal fee has been filed . Address for service - SAFESOFT LIMITED U2 231 South Terrace South Fremantle WA 6162 AU

Applications Allowed - Section 223(2)

2008

2008256944 **Southwest Research Institute** The time in which to pay a renewal fee has been extended to 21 Dec 2021 . Address for service - IP Gateway Patent and Trade Mark Attorneys Pty Ltd PO Box 1321 SPRINGWOOD QLD 4127 AU

2010

2010240642 **Clasado Research Services Limited** The time in which to pay a renewal fee has been extended to 23 Dec 2021 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2010257126 **Lockheed Martin Corporation** The time in which to pay a renewal fee has been extended to 10 Dec 2021 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2013

2013251326 **Scott-Clark, L.P.** The time in which to pay a renewal fee has been extended to 29 Jan 2022 . Address for service - Pizeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

2014

2014273996 **Clean Coal Technologies, Inc.** The time in which to pay a renewal fee has been extended to 30 Dec 2021 . Address for service - Madderns Pty Ltd GPO Box 2752 Adelaide SA 5001 AU

2014364921 **Pride Mobility Products Corporation** The time in which to pay a renewal fee has been extended to 16 Sep 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

2014365851 **Pride Mobility Products Corporation** The time in which to pay a renewal fee has been extended to 16 Sep 2021 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

Extensions of Time, Section 223

2015

2015100259 **Silent Partner Property Pty Ltd** The time in which to pay a renewal fee has been extended to 04 Feb 2022 . Address for service - Andrew John Mclachlan 1 Dixon Street Malvern VIC 3144 AU

2015269221 **LLT International (Ireland) Ltd.** The time in which to pay a renewal fee has been extended 05 Jan 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2018

2018391531 **Otago Innovation Limited** The time in which to request examination has been extended to 23 Feb 2022 . Address for service - Catalyst Intellectual Property PO BOX 25520 Wellington 6146 NZ

2019

2019239796 **GROUPE INDUSTRIES FOURNIER INC.** The time in which to enter the National Phase has been extended to 22 Sep 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019379700 **SHANGHAI ENNOVABIO PHARMACEUTICALS CO., LTD.** The time in which to enter the National Phase has been extended to 13 Oct 2021 . Address for service - FPA Patent Attorneys Pty Ltd Level 46 101 Collins Street Melbourne VIC 3000 AU

2021

2021286324 **Nunhems B.V.** The time in which to claim the convention priority date has been extended to 14 Jan 2022 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022201066 **Rockwell Collins, Inc.** The time in which to claim the convention priority date has been extended to 09 Mar 2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Amendments

Applications for Amendment

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

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

2011

2011201589 Locating and supporting devices for reinforcing elements **Norton, K. ; Norton, D.** The nature of the amendment is as shown in the statement(s) filed 17 Feb 2022 . Address for service - Spruson & Ferguson Level 24, Tower 2 Darling Park, 201 Sussex Street Sydney NSW 2000 AU

2016

2016390428 Elastomeric articles, compositions, and methods for their production **SKINPROTECT CORPORATION SDN BHD** The nature of the amendment is as shown in the statement(s) filed 03 Mar

Amendments

2022 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2017

2017236196 An apparatus, a method and a computer program for video coding and decoding **Nokia Technologies Oy** The nature of the amendment is as shown in the statement(s) filed 11 Apr 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017257442 Methods and apparatus for oxygenation and/or CO2 removal **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 08 Apr 2022 . Address for service - AJ PARK GPO Box 3898 Sydney NSW 2001 AU

2017354452 Communication device and communication method **Panasonic Intellectual Property Corporation of America** The nature of the amendment is as shown in the statement(s) filed 12 Apr 2022 . Address for service - Griffith Hack GPO Box 4164 Sydney NSW 2001 AU

2019

2019323042 Consensus of shared blockchain data storage based on error correction code **Alipay (Hangzhou) Information Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Apr 2022 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

Amendments Made**2009**

2009304000 **Elanco New Zealand** The nature of the amendment is as shown in the statement(s) filed 27 Jul 2017

2017

2017325928 **Nuts Holdings, LLC** The nature of the amendment is as shown in the statement filed 20 Dec 2021

2018

2018267204 **Klein, Š.** The nature of the amendment is: Amend the invention title to read METHOD OF TRANSFORMATION OF MOTOR TRANSPORTATION VEHICLE FOR GROUND AND AIR TRANSPORT, MOTOR TRANSPORTATION VEHICLE

2019

2019212586 **Novartis AG** The nature of the amendment is as shown in the statement filed 21 Dec 2021

2019464659 **Beijing Tusen Zhitu Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method and system for serving an auto-driving vehicle

2020

2020201010 **Aristocrat Technologies Australia Pty Limited** The nature of the amendment is: Amend the patent of addition details to read 2013204667

2020274768 **Chia Tai Tianqing Pharmaceutical Group Co., Ltd.** The nature of the amendment is: Amend the invention title to

Amendments

read CRYSTALLINE FORM OF SMAC MIMIC USED AS IAP INHIBITOR AND PREPARATION METHOD THEREOF

2020341965 **Beijing Roborock Technology Co., Ltd.** The nature of the amendment is: Amend the invention title to read Cleaning assembly and smart cleaning device

2020342222 **Shandong University** The nature of the amendment is: Amend the invention title to read PREDICTING SYSTEM AND METHOD FOR QUARTZ CONTENT OF SURROUNDING ROCK IN TUNNEL BASED ON IMAGE IDENTIFICATION AND ANALYSIS

2020347357 **Liu, S.** The nature of the amendment is: Amend the invention title to read Method for Rotary Clearing in Stripping Tooth Holder of Mining Machine and Rotary Clearing Device in Stripping Tooth Holder

2020356695 **Mixi, Inc.** The nature of the amendment is: Amend the invention title to read INFORMATION PROCESSOR APPARATUS, CONTROL PROGRAM, AND CONTROL METHOD

2020357873 **Ellodi Pharmaceuticals, L.P.** The nature of the amendment is: Amend the priority details to read 62/908,697 01 Oct 2019 US and 63/072,380 31 Aug 2020 US

2022

2022100047 **Seed Terminator Holdings Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read Berry, Nicholas Kane

2022201047 **NEOS Surgery, S.L.** The nature of the amendment is: Amend the name of the inventor to read Llas Vargas, Salvador; Serrahima Tornel, Marc and Peláez, Fernandi Mera

2022201735 **National Health Research Institutes; National Taiwan University** The nature of the amendment is: Remove priority details US 17/688,369 dated 07 Mar 2022

Alteration of Name(s) of Applicant(s)/Patentee(s)**2017**

2017252251 L3 Latitude, LLC The name of the patentee has been altered to **L3HARRIS LATITUDE LLC**

2017252252 L3 Latitude, LLC The name of the patentee has been altered to **L3HARRIS LATITUDE LLC**

2017274416 Crestovo Holdings LLC The name of the applicant has been altered to **Finch Therapeutics Holdings LLC**

2018

2018254410 The Regents of the University of Colorado, a Body Corporate; Orphan Technologies, Ltd. The name of the applicant has been altered to **Traverse Therapeutics Switzerland GmbH; The Regents of the University of Colorado, a Body Corporate**

2018372083 BiVictriX Therapeutics Limited The name of the applicant has been altered to **Bivictrix Limited**

Amendments**2020**

2020342647 Efficient Technologies LLC The name of the applicant has been altered to **Efficient Technologies, Inc.**

2020348394 Vid Scale, Inc. The name of the applicant has been altered to **VID SCALE, Inc.**

2020387167 NantKwest, Inc. The name of the applicant has been altered to **IMMUNITYBIO, INC.**

2021

2021201866 Buzz Patch Pty Ltd The name of the applicant has been altered to **The Natural Patch Company Pty Ltd**

2021202262 GE Global Sourcing LLC The name of the applicant has been altered to **Transportation IP Holdings, LLC**

2022

2022900358 The Council of the Queensland Institute of Medical Research The name of the applicant has been altered to **The Council of the Queensland Institute of Medical Research**

2022900786 Boyle, Norman; Boyle, Nathan; Brad, Stebbing
The name of the applicant has been altered to **Boyle, N.; Boyle, N.; Stebbing, B.**

Applications Open to Public Inspection

Name Index

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

(71) ZMT Mining Products Pty Ltd
 (11) AU-A-2022202367
 (21) 2022202367 (22) 08.04.2022
 (54) Protection Systems
 (51) Int. Cl.
 E02F 9/28 (2006.01)
 B65G 11/16 (2006.01)
 (43) 28.04.2022
 (62) 2020317370
 (72) Senanayake, Mahinda Palitha
 (74) Ahearn Fox

(71) Allergan, Inc.
 (11) AU-A-2022202326
 (21) 2022202326 (22) 07.04.2022
 (54) Cyclosporin compositions
 (51) Int. Cl.
 A61K 9/00 (2006.01)
 A61K 38/13 (2006.01)
 (43) 28.04.2022
 (62) 2020202459
 (72) Morgan, Aileen; Attar, Mayssa; Tien, Walter; Graham, Richard S.; Schiffman, Rhett M.
 (74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
 (11) AU-A-2022202327
 (21) 2022202327 (22) 07.04.2022
 (54) FRAUD DETECTION SYSTEM IN CASINO
 (51) Int. Cl.
 G07C 11/00 (2006.01)
 A47B 25/00 (2006.01)
 G06T 7/00 (2017.01)
 (43) 28.04.2022
 (62) 2021201556
 (72) Shigeta, Yasushi
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) APAC Health & Medical Distributors PTY LTD
 (11) AU-A-2020256297
 (21) 2020256297 (22) 12.10.2020
 (54) MANDIBULAR ADVANCEMENT DEVICE
 (51) Int. Cl.
 A61F 5/56 (2006.01)
 (43) 28.04.2022
 (72) Rodrigues, Daniel; Olsen, Angus
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Apple Inc.
 (11) AU-A-2022202292
 (21) 2022202292 (22) 06.04.2022
 (54) Clock faces for an electronic device

(51) Int. Cl.
 G04G 9/06 (2006.01)
 G04G 9/00 (2006.01)
 (43) 28.04.2022
 (62) 2020269232
 (72) GUZMAN, Aurelio; CHEN, Kevin Will; DYE, Alan C.; MORALES, Jesus A.; PAGE, Pani; ROGOYSKI, Alexander; SCHIMON, David; SLAGLE JR., John George; TROTTIER, Lauren Kim; WAN, Wan Si; WEISS, Jacob Z.; WILSON, Christopher; WILSON, Eric Lance
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022202360
 (21) 2022202360 (22) 08.04.2022
 (54) Voice communication method
 (51) Int. Cl.
 G06F 3/0488 (2022.01)
 G06F 1/16 (2006.01)
 G06F 3/0362 (2013.01)
 G06F 3/0481 (2022.01)
 H04L 29/06 (2006.01)
 H04M 1/2745 (2020.01)
 H04M 1/56 (2006.01)
 H04M 1/57 (2006.01)
 H04M 1/725 (2021.01)
 (43) 28.04.2022
 (62) 2020210262
 (72) JON, Tiffany S.; ANZURES, Freddy Allen; LEMAY, Stephen O.; SUNDSTROM, Matthew J.
 (74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
 (11) AU-A-2022202368
 (21) 2022202368 (22) 08.04.2022
 (54) Providing a remote keyboard service
 (51) Int. Cl.
 G06F 3/0488 (2022.01)
 H04M 1/725 (2021.01)
 H04N 21/41 (2011.01)
 H04W 4/00 (2018.01)
 G06F 3/0489 (2022.01)
 G06F 9/44 (2018.01)
 G06Q 30/00 (2012.01)
 H04W 12/06 (2021.01)
 H04W 12/08 (2021.01)
 (43) 28.04.2022
 (62) 2020227074
 (72) SANCIANGCO, Alexander D.; BRADLEY, Bob; KROCHMAL, Marc J.; CLARKE, Graham
 (74) FPA Patent Attorneys Pty Ltd

(71) Arbutus Biopharma Corporation
 (11) AU-A-2022202352
 (21) 2022202352 (22) 08.04.2022
 (54) Lipid compositions
 (51) Int. Cl.

A61K 9/127 (2006.01)
A61K 31/50 (2006.01)
 (43) 28.04.2022
 (62) 2020203972
 (72) Manoharan, Muthiah; Rajeev, Kallanthottathil G.; Jayaraman, Muthusamy; Butler, David; Jung, Michael E.
 (74) Davies Collison Cave Pty Ltd

(71) Arc Ento Tech Ltd
 (11) AU-A-2021221532
 (21) 2021221532 (22) 17.02.2021
 (54) Mixed solid waste process
 (51) Int. Cl.
 C05F 17/05 (2020.01)
 A01K 67/033 (2006.01)
 B09B 3/00 (2006.01)
 C05F 17/936 (2020.01)
 C10B 53/07 (2006.01)
 C10B 57/14 (2006.01)
 (31) 2020903724 (32) 14.10.20 (33) AU
 (43) 28.04.2022
 (72) ATAYDE, Ramon Manuel Centenera; ATAYDE, Ricardo Martin
 (74) Franke Hyland Pty Ltd

(71) Armstrong World Industries, Inc.
 (11) AU-A-2022202295
 (21) 2022202295 (22) 06.04.2022
 (54) Interlocking floor panels with high performance locking profiles
 (51) Int. Cl.
 E04F 15/10 (2006.01)
 E04F 15/02 (2006.01)
 (43) 28.04.2022
 (62) 2020204257
 (72) ANSPACH, Kean M.; ESHBACH, John R.; STOLL, Brent L.; RAMACHANDRA, Sunil
 (74) Spruson & Ferguson

(71) Arrowhead Pharmaceuticals, Inc.
 (11) AU-A-2022202365
 (21) 2022202365 (22) 08.04.2022
 (54) Compositions and methods for inhibiting gene expression of Hepatitis B virus
 (51) Int. Cl.
 C12N 15/113 (2010.01)
 (43) 28.04.2022
 (62) 2019240625
 (72) CHIN, Daniel; DECKERT, Jochen; ROSSBACH, Markus; JOHN, Matthias
 (74) Spruson & Ferguson

(71) Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company
 (11) AU-A-2021215109
 (21) 2021215109 (22) 09.08.2021

Applications Open to Public Inspection - Name Index cont'd

- (54) Systems and methods for operating a vehicle in a degraded visual environment
- (51) Int. Cl.
G05D 1/10 (2006.01)
G01S 17/933 (2020.01)
G08G 5/00 (2006.01)
G08G 5/02 (2006.01)
G08G 9/00 (2006.01)
- (31) 63/091,218 (32) 13.10.20 (33) US
(43) 28.04.2022
(72) Saunders, Jeffrey
(74) Spruson & Ferguson
-
- (71) Automated Pet Care Products, LLC
(11) AU-A-2022202351 (22) 08.04.2022
(54) Automated Food Dispenser
(51) Int. Cl.
A01K 5/02 (2006.01)
B65G 53/46 (2006.01)
G01F 11/24 (2006.01)
- (43) 28.04.2022
(62) 2019343051
(72) BAXTER, Brad; SMITH, Jason; WEIHMAN, Jason
(74) Burns IP & Commercial Pty Ltd
-
- (71) Avalyn Pharma Inc.
(11) AU-A-2022202349
(21) 2022202349 (22) 07.04.2022
(54) Aerosol tyrosine kinase inhibitor compounds and uses thereof
(51) Int. Cl.
A61K 31/506 (2006.01)
A01N 43/04 (2006.01)
- (43) 28.04.2022
(62) 2020201933
(72) SURBER, Mark William
(74) FB Rice Pty Ltd
-
- (71) Bayer CropScience Aktiengesellschaft
(11) AU-A-2022202294
(21) 2022202294 (22) 06.04.2022
(54) Aqueous 2-(2,4-dichlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone-based capsule suspension concentrates
(51) Int. Cl.
A01N 43/80 (2006.01)
A01N 25/28 (2006.01)
A01P 13/00 (2006.01)
- (43) 28.04.2022
(62) 2017307424
(72) Krause, Jens; Hambrock, Ralf
(74) Davies Collison Cave Pty Ltd
-
- (71) Baylor College of Medicine; Texas Heart Institute
(11) AU-A-2022202336
(21) 2022202336 (22) 07.04.2022
(54) Trocars
(51) Int. Cl.
A61B 17/34 (2006.01)
A61B 90/70 (2016.01)
G02B 27/00 (2006.01)
- (43) 28.04.2022
(62) 2017269412
(72) VIVET, Thierry; CONNOR, Dennis; SEGRIST, Mark; WILSON, Mark S.; LINK, John G.
(74) WRAYS PTY LTD
-
- (43) 28.04.2022
(62) 2017253708
(72) Burt, Bryan M.; Khan, Mahmood; Cohn, William
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Becton, Dickinson and Company
(11) AU-A-2022202311
(21) 2022202311 (22) 06.04.2022
(54) Automated diagnostic analyzer and method for its operation
(51) Int. Cl.
G01N 35/10 (2006.01)
B01L 3/00 (2006.01)
B01L 9/06 (2006.01)
B25J 15/00 (2006.01)
B65G 47/90 (2006.01)
- (43) 28.04.2022
(62) 2017252156
(72) VANSICKLER, Michael T.; TERRY, Neil G.; BELL, Brian; ROTUNDO, Steven C.; LACHANCE, Stephen Robert; SHEDLOSKY, Alyssa
(74) FB Rice Pty Ltd
-
- (71) Becton, Dickinson and Company
(11) AU-A-2022202314
(21) 2022202314 (22) 06.04.2022
(54) Multi-use blood control safety catheter assembly
(51) Int. Cl.
A61M 5/00 (2006.01)
A61M 5/32 (2006.01)
- (43) 28.04.2022
(62) 2020233678
(72) HARDING, Weston; BURKHOLZ, Jon; HUIBIN, Liu; CLUFF, Ken; TRAINER, Lawrence; BORNHOFT, Stephen; MA, Yiping; WHITAKER, Weston; SONDE-REGGER, Ralph
(74) FB Rice Pty Ltd
-
- (71) Bedsmade Pty. Limited
(11) AU-A-2021218113
(21) 2021218113 (22) 19.08.2021
(54) BED COVERING
(51) Int. Cl.
A47G 9/02 (2006.01)
- (31) 2020903657 (32) 09.10.20 (33) AU
(43) 28.04.2022
(72) GRIFFIN, Matt
(74) Halfords IP
-
- (71) Biomerieux, Inc.
(11) AU-A-2022202374
(21) 2022202374 (22) 08.04.2022
(54) Method and apparatus for detection of foam in specimen containers
(51) Int. Cl.
G06T 7/00 (2017.01)
- (43) 28.04.2022
(62) 2017269412
(72) VIVET, Thierry; CONNOR, Dennis; SEGRIST, Mark; WILSON, Mark S.; LINK, John G.
(74) WRAYS PTY LTD
-
- Blue Lake Health Pty Ltd. see Forster, H.**
(21) 2020256371
-
- (71) Brian Investments Pty Ltd
(11) AU-A-2022202297
(21) 2022202297 (22) 06.04.2022
(54) Releasable Fastener
(51) Int. Cl.
F16B 21/09 (2006.01)
F16B 35/04 (2006.01)
- (43) 28.04.2022
(62) 2020203576
(72) Davies, Brian
(74) WRAYS PTY LTD
-
- (71) Buildsafe Equipment Sales Pty Ltd
(11) AU-A-2021221828
(21) 2021221828 (22) 25.08.2021
(54) Improvements Relating to Rooftop Walkways
(51) Int. Cl.
E04G 21/32 (2006.01)
B32B 21/04 (2006.01)
B32B 21/14 (2006.01)
E04B 7/06 (2006.01)
E04D 15/02 (2006.01)
E04D 15/04 (2006.01)
E04G 3/22 (2006.01)
E04G 5/02 (2006.01)
E04G 5/04 (2006.01)
E04G 5/06 (2006.01)
E04G 5/08 (2006.01)
E04G 7/28 (2006.01)
E04G 1/00 (2006.01)
- (31) 2020903640 (32) 08.10.20 (33) AU
2021900582 03.03.21 AU
(43) 28.04.2022
(72) Edwards, Grant; Horton, Peter; Thompson, Tim
(74) Morcom Pernat
-
- (71) Buildsafe Equipment Sales Pty Ltd
(11) AU-A-2021221851
(21) 2021221851 (22) 25.08.2021
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(51) Int. Cl.
E04G 3/26 (2006.01)
E04G 3/22 (2006.01)
E04G 5/04 (2006.01)
E04G 5/06 (2006.01)
E04G 7/24 (2006.01)
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(74) Morcom Pernat
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(54) SYSTEM AND METHOD FOR EMULATING AN ELECTRONIC GAME TO

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(51) Int. Cl.
A63F 13/21 (2014.01)
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(74) Ivan Mauricio Buritica

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(54) DEPLOYABLE HARDENED HOUSING UNITS
(51) Int. Cl.
H05K 5/00 (2006.01)
H05K 5/02 (2006.01)
H05K 7/20 (2006.01)
(43) 28.04.2022
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(74) RnB IP Pty Ltd

(71) Cancer Research Technology Limited
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(54) Compounds useful as RET inhibitors
(51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
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(54) FLOORING ELEMENT
(51) Int. Cl.
E04F 15/02 (2006.01)
E04C 2/30 (2006.01)
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(21) 2022202315 **(22)** 06.04.2022
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(51) Int. Cl.
A01H 9/00 (2006.01)
C12N 5/00 (2006.01)
C12N 9/16 (2006.01)
C12N 15/82 (2006.01)
C12N 15/87 (2006.01)

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(21) 2021351009 **(22)** 23.08.2021
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(51) Int. Cl.
G06Q 10/04 (2012.01)
G06Q 50/02 (2012.01)
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(62) 2018265080
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(74) Ellis Terry

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A61K 31/662 (2006.01)
C07F 9/38 (2006.01)
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(74) Zone Patents Limited

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(54) NEGATIVE PRESSURE WOUND DRESSING MANAGEMENT SYSTEM
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A61F 13/02 (2006.01)
A61F 13/00 (2006.01)
A61M 1/00 (2006.01)
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(74) Houlihan² Pty Ltd

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A61K 31/337 (2006.01)
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(74) Phillips Ormonde Fitzpatrick

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(21) 2021221765 **(22)** 25.08.2021
(54) DRAINAGE CHANNEL ASSEMBLY
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E04F 11/18 (2006.01)
E04D 13/04 (2006.01)
E04F 17/00 (2006.01)
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(72) Edward, Steve
(74) Phillips Ormonde Fitzpatrick

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(21) 2021229157 **(22)** 07.09.2021
(54) Machine control using a predictive speed map
(51) Int. Cl.
G05D 1/02 (2020.01)
A01D 75/00 (2006.01)
G05B 13/04 (2006.01)
G05D 1/00 (2006.01)
(31) 17/067,595 **(32)** 09.10.20 **(33)** US
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(74) Davies Collison Cave Pty Ltd

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(21) 2021229159 **(22)** 07.09.2021
(54) Crop constituent map generation and control system
(51) Int. Cl.
G05B 13/04 (2006.01)
A01D 75/00 (2006.01)
G05D 1/00 (2006.01)
G05D 1/02 (2020.01)
G06T 7/00 (2017.01)
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(74) Davies Collison Cave Pty Ltd

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A61G 5/04 (2013.01)

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(74) Griffith Hack
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(11) AU-A-2022202372
(21) 2022202372 (22) 08.04.2022
(54) Pyrimidin-2-ylamino-1H-pyrazols as LRRK2 inhibitors for use in the treatment of neurodegenerative disorders
(51) Int. Cl.
C07D 403/12 (2006.01)
A61K 31/506 (2006.01)
A61K 31/519 (2006.01)
A61K 31/5365 (2006.01)
A61K 31/5377 (2006.01)
A61P 25/00 (2006.01)
A61P 25/14 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 401/14 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
C07D 413/14 (2006.01)
C07D 417/14 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
B29B 11/14 (2006.01)
B29C 49/06 (2006.01)
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(54) IMPROVEMENTS IN AND RELATING TO TRANSPORTATION
(51) Int. Cl.
B65D 85/68 (2006.01)
A45C 5/14 (2006.01)
B25H 1/00 (2006.01)
B25H 3/02 (2006.01)
B62H 3/10 (2006.01)
B65D 81/36 (2006.01)
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(74) James & Wells Intellectual Property
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(54) Container with mixing blade and assembly system
(51) Int. Cl.
A47J 43/27 (2006.01)
B65D 41/16 (2006.01)
B65D 51/28 (2006.01)
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(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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(51) Int. Cl.
H02J 7/00 (2006.01)
H01M 10/42 (2006.01)
H02H 7/18 (2006.01)
H02J 3/32 (2006.01)
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(54) METHODS AND SYSTEMS FOR PREVENTATIVE MIGRAINE HEADACHE TREATMENT
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A61N 2/00 (2006.01)
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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(54) Methods of increasing specific plants traits by over-expressing polypeptides in a plant
(51) Int. Cl.
A01H 5/00 (2018.01)
C07K 14/415 (2006.01)
C12N 15/19 (2006.01)
C12N 15/82 (2006.01)
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(62) 2017381762
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(11) AU-A-2022202356
(21) 2022202356 (22) 08.04.2022
(54) CONTROL OF FLOW AND/OR PRESSURE PROVIDED BY BREATHING APPARATUS
(51) Int. Cl.
A61B 5/00 (2006.01)
A61M 16/00 (2006.01)
A62B 18/00 (2006.01)
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(21) 2020256371 (22) 14.10.2020
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(51) Int. Cl.
A61K 31/185 (2006.01)
A61K 31/198 (2006.01)
A61K 38/05 (2006.01)
A61P 3/02 (2006.01)
A61P 39/06 (2006.01)
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(72) Forster, Henry
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(54) Membrane for hydrogen generation and method of forming same
(51) Int. Cl.
C25B 1/04 (2021.01)

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C08F 222/38 (2006.01)
C08F 265/10 (2006.01)
C08J 3/075 (2006.01)
C08J 5/22 (2006.01)
C25B 13/08 (2006.01)
C08F 2/10 (2006.01)
C08F 2/48 (2006.01)
C08F 8/44 (2006.01)
C08F 220/56 (2006.01)
C25B 15/08 (2006.01)
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(72) KOLODZIEJCZYK, Bartlomiej Piotr
(74) Davies Collison Cave Pty Ltd

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(11) AU-A-2022202347
(21) 2022202347 **(22)** 07.04.2022
(54) Libraries of Nucleic Acids and Methods for Making the Same
(51) Int. Cl.
C40B 50/00 (2006.01)
C40B 40/08 (2006.01)
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(72) Jacobson, Joseph; Schindler, Daniel; Saaem, Ishtiaq; Guido, Nicholas James
(74) WRAYS PTY LTD

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(21) 2022202342 **(22)** 07.04.2022
(54) Systems, methods, and apparatuses for performing automated reagent-based assays
(51) Int. Cl.
B01L 3/00 (2006.01)
(43) 28.04.2022
(62) 2020239776
(72) KNIGHT, Byron J.
(74) FB Rice Pty Ltd

(71) Georgia Tech Research Corporation
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(54) MICRONEEDLE PARTICLES, COMPOSITIONS, AND METHODS OF TREATMENT AND DELIVERING A SUBSTANCE OF INTERES
(51) Int. Cl.
A61K 9/14 (2006.01)
A61K 8/02 (2006.01)
A61K 8/04 (2006.01)
A61K 9/10 (2006.01)
A61M 37/00 (2006.01)
(43) 28.04.2022
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(72) Tadros, Andrew; Prausnitz, Michael
(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Goodwin PLC
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(21) 2022202215 **(22)** 01.04.2022
(54) A steel, a welding consumable, a cast, forged or wrought product, a method of

welding, a welded product and a method of heat treating
(51) Int. Cl.
C22C 38/00 (2006.01)
B23K 35/30 (2006.01)
C21D 1/18 (2006.01)
C21D 6/00 (2006.01)
C21D 9/50 (2006.01)
C22C 38/02 (2006.01)
C22C 38/04 (2006.01)
C22C 38/06 (2006.01)
C22C 38/42 (2006.01)
C22C 38/44 (2006.01)
C22C 38/46 (2006.01)
C22C 38/48 (2006.01)
C22C 38/52 (2006.01)
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G06F 16/26 (2019.01)
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(74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
B60R 19/20 (2006.01)
B60R 19/48 (2006.01)
B60R 21/231 (2011.01)
B60R 21/2338 (2011.01)
B60R 21/013 (2006.01)
B60R 21/215 (2011.01)
B60R 21/216 (2011.01)
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(72) HAMERYK-JANICKY, Henry
(74) Baxter Patent Attorneys Pty Ltd

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(51) Int. Cl.
A61F 2/40 (2006.01)
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(21) 2022202299 **(22)** 06.04.2022
(54) Method and apparatus for delivery of therapeutic agents
(51) Int. Cl.
A61N 1/08 (2006.01)
A61N 1/30 (2006.01)
A61N 1/32 (2006.01)
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(74) FB Rice Pty Ltd

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C12Q 1/68 (2018.01)
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(74) WRAYS PTY LTD

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(54) PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST NON-SMALL CELL LUNG CANCER AND OTHER CANCERS
(51) Int. Cl.
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C07K 14/47 (2006.01)
C07K 16/28 (2006.01)
(43) 28.04.2022
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(74) Phillips Ormonde Fitzpatrick

(71) Intact Vascular, Inc.
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(54) Endoluminal device and method
(51) Int. Cl.
A61F 2/06 (2013.01)
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(72) GIASOLLI, Robert M.; SCHNEIDER, Peter
(74) FB Rice Pty Ltd

(71) Johnson Controls Fire Protection LP
(11) AU-A-2022202316

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 (54) Fire detection system with automatic firmware updating
 (51) Int. Cl.
G06F 9/445 (2018.01)
A62C 3/07 (2006.01)
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 (62) 2017250616
 (72) FARLEY, Robert W.; OGIER, James; ZAARUR, Shachak
 (74) Spruson & Ferguson
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 (11) AU-A-2021221561
 (21) 2021221561 (22) 25.08.2021
 (54) AN EXERCISE DEVICE
 (51) Int. Cl.
A63B 21/00 (2006.01)
A63B 21/04 (2006.01)
A63B 21/005 (2006.01)
 (31) 768769 (32) 08.10.20 (33) NZ
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 (74) James & Wells Intellectual Property
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 (21) 2021225231 (22) 03.09.2021
 (54) CONTROL SYSTEM FOR INTERNAL COMBUSTION ENGINE
 (51) Int. Cl.
F02D 41/40 (2006.01)
F02D 43/04 (2006.01)
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 (43) 28.04.2022
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 (21) 2021240175 (22) 29.09.2021
 (54) MODEL LEARNING APPARATUS, CONTROL APPARATUS, MODEL LEARNING METHOD AND COMPUTER PROGRAM
 (51) Int. Cl.
G05B 13/04 (2006.01)
G06F 17/11 (2006.01)
G06N 3/02 (2006.01)
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 (54) WOOD PRESERVATIVE AND METHOD FOR PRODUCING SAME
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A01N 43/56 (2006.01)
A01P 3/00 (2006.01)
B27K 3/22 (2006.01)
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 (74) AJ PARK
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 (54) Anchoring system for a building element on a structure
 (51) Int. Cl.
E21D 20/00 (2006.01)
E04B 9/00 (2006.01)
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 (31) 20201236.5 (32) 12.10.20 (33) EP
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 (11) AU-A-2021245224
 (21) 2021245224 (22) 08.10.2021
 (54) LAUNDRY TREATING APPARATUS
 (51) Int. Cl.
D06F 39/02 (2006.01)
D06F 23/02 (2006.01)
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 (74) Dentons Patent Attorneys Australasia Limited
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 (21) 2021245233 (22) 27.10.2021
 (54) LAUNDRY TREATING APPARATUS
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D06F 39/02 (2006.01)
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 (72) JUNG, Sungwoon; SIM, Hyehyun; JANG, Hunjun
 (74) Dentons Patent Attorneys Australasia Limited
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 (11) AU-A-2022202338
 (21) 2022202338 (22) 07.04.2022
 (54) Multi-layer diffractive eyepiece
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G02B 27/01 (2006.01)
G06F 3/01 (2006.01)
G06T 19/00 (2011.01)
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 (51) Int. Cl.
G02F 1/1337 (2006.01)
C09K 19/02 (2006.01)
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 (54) Methods, systems, and devices for calibration and optimization of glucose sensors and sensor output
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/1468 (2006.01)
A61B 5/1486 (2006.01)
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G01N 33/60 (2006.01)
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 (74) Allens Patent & Trade Mark Attorneys
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 (21) 2022202355 (22) 08.04.2022
 (54) C/EBP alpha saRNA compositions and methods of use
 (51) Int. Cl.
C12N 15/113 (2010.01)
A61K 31/7088 (2006.01)
A61K 31/713 (2006.01)
C07H 21/02 (2006.01)
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F22B 37/12 (2006.01)
F22B 37/20 (2006.01)
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F28F 9/04 (2006.01)
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C07D 403/12 (2006.01)
A61K 31/513 (2006.01)
A61P 9/10 (2006.01)
C07D 239/545 (2006.01)
C07D 239/553 (2006.01)
C07D 401/04 (2006.01)
C07D 401/12 (2006.01)
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 (54) Solar module mounting bracket assemblies
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H02S 20/30 (2014.01)
E04D 13/18 (2018.01)
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 (74) Clark Intellectual Property Pty Ltd
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 (21) 2022202302 (22) 06.04.2022
 (54) Method and apparatus for sorting items
 (51) Int. Cl.
A47G 19/04 (2006.01)
B07C 5/36 (2006.01)
B07C 5/38 (2006.01)
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 (54) Communication system for communicating between mobile devices
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G06Q 10/06 (2012.01)
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H04M 1/724 (2021.01)
H04M 1/72412 (2021.01)
H04W 4/029 (2018.01)
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 (54) CONDUIT HEADGEAR CONNECTOR FOR PATIENT INTERFACE
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 (54) Near-Field Communication Devices & Methods
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G06K 19/07 (2006.01)
G06Q 50/08 (2012.01)
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H04W 4/80 (2018.01)
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A01M 7/00 (2006.01)
A01C 23/00 (2006.01)
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A01G 25/16 (2006.01)
B05B 9/06 (2006.01)
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 (54) Array microphone system and method of assembling the same
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A61K 35/17 (2015.01)
A61K 31/7105 (2006.01)
A61K 35/15 (2015.01)
A61P 35/00 (2006.01)
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 (54) Microneedle array assembly, drug delivery device and method for administering liquid across a broad area at low pressure
 (51) Int. Cl.
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A61K 9/00 (2006.01)
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 (54) Mesh Sheeting Panel
 (51) Int. Cl.
E21D 11/15 (2006.01)
B21F 27/08 (2006.01)
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A61B 50/20 (2016.01)
A61B 90/50 (2016.01)
A61J 15/00 (2006.01)
A61M 39/12 (2006.01)
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 (72) SU, Chien-Chung
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (54) Method for controlling pests of farm crops
 (51) Int. Cl.
A01N 43/54 (2006.01)
A01N 25/00 (2006.01)
A01P 3/00 (2006.01)
A01P 7/00 (2006.01)
A01P 13/00 (2006.01)
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 (74) Davies Collison Cave Pty Ltd
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B27B 15/08 (2006.01)
B23D 61/12 (2006.01)
B27B 33/06 (2006.01)
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G08B 21/22 (2006.01)
G06K 19/07 (2006.01)
G08B 5/22 (2006.01)
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B60J 11/04 (2006.01)
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 (72) Tai, Tat Kwan Fritz
 (74) Proctor Phair Lawyers Pty Limited
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G06K 9/00 (2006.01)
G06N 3/00 (2006.01)
G06Q 30/00 (2012.01)
G06T 7/00 (2017.01)
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 (54) Dual LEO satellite system and method for global coverage
 (51) Int. Cl.

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H04W 84/06 (2009.01)
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(72) WENDLING, David
(74) Griffith Hack
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(11) AU-A-2022202346
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(54) Kit for radiolabelling with 68GA comprising a metal inhibitor
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(74) FPA Patent Attorneys Pty Ltd
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C07D 307/33 (2006.01)
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G01N 33/50 (2006.01)
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- (71)** The Trustees Of Columbia University In The City Of New York
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- (51)** Int. Cl.
C07D 401/12 (2006.01)
A61K 31/506 (2006.01)
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A61P 35/02 (2006.01)
C07D 239/42 (2006.01)
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- (71)** The University of British Columbia
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(51) Int. Cl.
C12Q 1/02 (2006.01)
C12M 1/34 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/48 (2006.01)
G01N 33/567 (2006.01)
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(11) AU-A-2021240262
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A63B 21/015 (2006.01)
(31) 63/089,228 **(32)** 08.10.20 **(33)** US
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A61B 1/303 (2006.01)
A61B 1/00 (2006.01)
A61B 90/92 (2016.01)
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(72) Tsai, Yih-Chiou
(74) Madderns Pty Ltd
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(11) AU-A-2022202186
(21) 2022202186 **(22)** 30.03.2022
(54) Smoke generator with deflector
- (51)** Int. Cl.
G08B 15/02 (2006.01)
F41H 9/06 (2006.01)
(43) 28.04.2022
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(72) Noble Echeverria, Jon
(74) Dark IP
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(11) AU-A-2022202304
(21) 2022202304 **(22)** 06.04.2022
(54) Implantable access chamber and associated methods of use
(51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/1473 (2006.01)
A61B 5/1486 (2006.01)
(43) 28.04.2022
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(72) LANPHERE, Janel; MACKAY, Allen; TRAPP, Benjamin; VONESH, Michael
(74) Griffith Hack
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- (71)** Warn Industries Inc
(11) AU-A-2021245175
(21) 2021245175 **(22)** 07.10.2021
(54) FAIRLEAD WITH INTEGRATED POSITIONING DEVICE
(51) Int. Cl.
B63B 21/10 (2006.01)
B63B 21/14 (2006.01)
B66D 1/36 (2006.01)
E21B 19/24 (2006.01)
(31) 63/089,664 **(32)** 09.10.20 **(33)** US
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(72) VAUGHN, Eric
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- (71)** Zillow, Inc.
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(21) 2021240285 **(22)** 01.10.2021
(54) Automated tools for generating building mapping information
(51) Int. Cl.
G06F 30/00 (2020.01)
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(31) 17/069,800 **(32)** 13.10.20 **(33)** US
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2020250275	Symons, I.	2022202313	Cortice Biosciences, Inc.
2020256297	APAC Health & Medical Distributors PTY LTD	2022202314	Becton, Dickinson and Company
2020256313	Red Elephant Limited	2022202315	Cibus Europe B.V.; Cibus US LLC
2020256329	Tai, T.	2022202316	Johnson Controls Fire Protection LP
2020256371	Forster, H.; Blue Lake Health Pty Ltd.	2022202318	Evogene Ltd.
2021202927	Buritica, I.	2022202323	Cold Spring Harbor Laboratory
2021204768	Smart Wires Inc.	2022202324	CACI, INC. - Federal
2021215109	Aurora Flight Sciences Corporation, a subsidiary of The Boeing Company	2022202325	Cancer Research Technology Limited
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2021221828	Buildsafe Equipment Sales Pty Ltd	2022202338	Magic Leap, Inc.
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2021225231	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI	2022202340	DEKA Products Limited Partnership
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D06L 4/75 (2017.01)

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A61P 39/06 (2006.01)

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C12Q 1/18 (2006.01)
G01N 1/28 (2006.01)
G01N 24/08 (2006.01)
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G01N 33/49 (2006.01)
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- (74) Dr. MOUMITA MUKHERJEE
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(21) 2021104791 **(22)** 02.08.2021
(54) A Novel Approach to Detect Unidentified Persons and GSM Based Alerting System for Smart Homes Using Height, Weight and Temperature Sensors
- (51) Int. Cl.
G08B 13/19 (2006.01)
G08B 1/08 (2006.01)
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- (45) 28.04.2022
- (72) NAIKODI, CHANDRAKANT
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G07F 7/10 (2006.01)
G06F 21/32 (2013.01)
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- (72) NAIKODI, CHANDRAKANT
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(11) AU-A-2021103219
(21) 2021103219 **(22)** 09.06.2021
(54) SOLAR ASSISTED SYSTEM AND METHOD FOR WATER DE-FLUORIDATION
- (51) Int. Cl.
C02F 1/58 (2006.01)
C02F 1/28 (2006.01)
B01J 20/10 (2006.01)
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C02F 101/14 (2006.01)
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- (74) Dr. Anand Nayyar
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(54) A METHOD FOR LIGNIN EXTRACTION FOR BIOENERGY APPLICATIONS
- (51) Int. Cl.
C08L 97/00 (2006.01)
C07G 1/00 (2011.01)
- (45) 28.04.2022
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(21) 2021105177
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(21) 2021104462
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(21) 2021103789
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(11) AU-A-2021104628
(21) 2021104628 **(22)** 27.07.2021
(54) A NOVEL MACHINE LEARNING TECHNIQUE FOR CLASSIFICATION USING DEVIATION PARAMETERS
- (51) Int. Cl.
G06K 9/62 (2006.01)
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(11) AU-A-2021104503
(21) 2021104503 **(22)** 23.07.2021
(54) A METHOD TO IMPROVE A DIE-CASTING PROCESS IN A MANUFACTURING UNIT
- (51) Int. Cl.
G06Q 10/04 (2012.01)
G06F 30/20 (2020.01)
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G06F 113/22 (2020.01)
G06F 119/02 (2020.01)
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- (72) Prabhu Bam, Ramnath Venkatesh; Sakhardande, Milind Jaiwant; Prabhu Gaonkar, Rajesh Suresh; Mariappan, V.
- (74) Mr. Ramnath Venkatesh Prabhu Bam
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(11) AU-A-2021104840

(21) 2021104840 (22) 02.08.2021

(54) A METHOD TO STUDY THE EFFECT OF ONLINE FOOD DELIVERY APP FEATURES ON CONSUMER BEHAVIOUR

(51) Int. Cl.

G06Q 30/02 (2012.01)

G06F 17/18 (2006.01)

(45) 28.04.2022

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(74) Narayan Bhasker Prabhu Matti

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Pundir, A. see Saxena, C.

(21) 2021104758

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(21) 2021103650

(71) PUTATUNDA, S.

(11) AU-A-2021102811

(21) 2021102811 (22) 24.05.2021

(54) A HYBRID AUTOENCODER-BASED SYSTEM AND METHOD FOR CLASSIFICATION OF SELF-CARE PROBLEMS IN PHYSICALLY DISABLED CHILDREN

(51) Int. Cl.

G06N 3/08 (2006.01)

G06F 16/28 (2019.01)

G06K 9/62 (2006.01)

G06N 20/20 (2019.01)

(45) 28.04.2022

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I.; Nagajothi, V.; Panhalkar, A.; Bhosale, R.; Chopra, M.; Mahapatra, C.; Subramanian, M.

(11) AU-A-2021104883

(21) 2021104883 (22) 03.08.2021

(54) INTERNET OF THINGS BASED INTELLIGENT SYSTEM FOR PROVIDING ONLINE STORE FOR SHARE AND SALE OF VIRTUAL OBJECTS BASED ON CLOUD COMPUTING

(51) Int. Cl.

G06Q 30/06 (2012.01)

G06F 21/62 (2013.01)

G06F 15/00 (2006.01)

G06Q 30/02 (2012.01)

G06T 19/00 (2011.01)

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(74) John Thomas

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(71) RIZWAN KHAN, M.; BAIS, N.; KHAN, S.; AFTAB MANSURY, M.; PRATAP SINGH, S.

(11) AU-A-2021105148

(21) 2021105148 (22) 09.08.2021

(54) AN AI INTEGRATED APPARATUS FOR REALTIME MONITORING OF MEDICINES AND MEDICAL PRESCRIPTIONS FOR PATIENTS TO ENSURE THEIR HEALTH SAFETY

(51) Int. Cl.

G16H 20/10 (2018.01)

G16H 10/60 (2018.01)

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(74) PREM CHARLES IMMANUEL

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(71) Roorkee College of Engineering

(11) AU-A-2021104544

(21) 2021104544 (22) 26.07.2021

(54) RECYCLING OF AGGREGATE CONCRETE MATERIALS

(51) Int. Cl.

C04B 28/24 (2006.01)

C04B 18/16 (2006.01)

C04B 111/00 (2006.01)

(45) 28.04.2022

(72) DUBEY, OM PRAKASH; KHATANA, TRIPTI; CHAUDHARY, JITENDRA; PUNDIR, TUSHAR; BHANDARI, SAMBRIDHI; KUMAR, SOURAV; DHAMI, RAMESH SINGH; SANGMA, ARANTXA; MAHARA, SURAJ

(74) Roorkee College of Engineering

(71) Roorkee Institute of Technology

(11) AU-A-2021103909

(21) 2021103909 (22) 06.07.2021

(54) WATERLESS DISHWASHER SPRAY

(51) Int. Cl.

C11D 1/22 (2006.01)

C11D 3/04 (2006.01)

C11D 3/20 (2006.01)

C11D 3/33 (2006.01)

C11D 3/50 (2006.01)

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(74) Parag Jain

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(11) AU-A-2021104758
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(54) Intelligent Client Management System
(51) Int. Cl.
G06Q 30/06 (2012.01)
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(72) Saxena, Chhavi; Srivastava, Rahul;
Pundir, Aditya
(74) Aditya Kumar Singh Pundir

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K.; CHAITANYA, C.; MANIKANTA,
K.; ALI, M.; SUDHAKAR, S.; VAM-
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AKASH, B.; CHANDU, G.; SATYA SAI,
A.V.; MANIKANTA, R.N.; VARMA, Y.;
KARTHIK, D.
(11) AU-A-2021104125
(21) 2021104125 (22) 14.07.2021
(54) AN AUTOMATIC OUT OF INVENTORY
IDENTIFICATION OF DIFFERENT
ITEMS IN CONVENIENCE STORES
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NOTIFICATIONS USING THE SMART-
PHONE APP
(51) Int. Cl.
G06Q 10/08 (2012.01)
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BALA; ANIL, KALLURI; CHAITAN-
YA, CHOLLANGI; MANIKANTA,
KANDREGULA; ALI, MOHEMMAD;
SUDHAKAR, SEELAM; VAMSI

KRISHNA, BHAMIDIPATI; SRINIVAS,
MATTI; AKASH, B.; CHANDU, GUDE;
SATYA SAI, ADABALA VEERA;
MANIKANTA, RUDRA NAGA; VARMA,
YENUGUDHATI; KARTHIK, DOMMETI
(74) Pravin R. Kshirsagar

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(71) Shrivastava, Y.; Singh, B.; Jain, A.
(11) AU-A-2021102727
(21) 2021102727 (22) 21.05.2021
(54) METHOD AND SYSTEM FOR DE-
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DRILLING OF HYBRID COMPOSITE
(51) Int. Cl.
B29C 70/08 (2006.01)
B29C 70/34 (2006.01)
G01N 3/58 (2006.01)
C08J 5/24 (2006.01)
(45) 28.04.2022
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Jain, Akshay
(74) Dr. Yogesh Shrivastava

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(21) 2021104462

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(11) AU-A-2021104536

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(54) A METHOD AND SYSTEM FOR DETECTING ENDOMETRIAL CANCER

(51) Int. Cl.

G16H 50/20 (2018.01)

A61B 5/00 (2006.01)

A61B 5/055 (2006.01)

G06T 7/00 (2017.01)

G16H 30/40 (2018.01)

G06F 16/535 (2019.01)

G06N 3/02 (2006.01)

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(74) Dr. K. Sujatha

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(54) THE SYSTEM AND METHOD FOR HEALTH WORKFLOW TRAINING BY USING DEEP LEARNING NETWORKS.

(51) Int. Cl.

G16H 10/60 (2018.01)

G06N 20/00 (2019.01)

G16H 30/40 (2018.01)

G16H 50/70 (2018.01)

G06N 3/08 (2006.01)

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(74) Badugu Suresh

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(71) Tyagi, S.; Srivastava, A.; Singh, P.; Saxena, G.; Tiwari, S.; Talreja, S.

(11) AU-A-2021104533

(21) 2021104533 (22) 06.08.2021

(54) SEMISYNTHETIC DERIVATIVES OF NATURAL ORIGIN AS A POTENTIAL ANTIPSYCHOTIC AGENT.

(51) Int. Cl.

C07J 63/00 (2006.01)

A61K 31/56 (2006.01)

A61K 36/185 (2006.01)

A61P 25/18 (2006.01)

G01N 30/02 (2006.01)

C07B 31/00 (2006.01)

C07B 41/06 (2006.01)

C07B 43/04 (2006.01)

G01N 30/90 (2006.01)

(45) 28.04.2022

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(71) Undru, V.B.; Molakatala, N.; Raju, T.S.; Krishna M, R.

(11) AU-A-2021104765

(21) 2021104765 (22) 30.07.2021

(54) A METHOD FOR PREVENTING FRAUDULENT PRACTICES IN DISPENSING UNIT

(51) Int. Cl.

G06Q 50/00 (2012.01)

G07C 3/08 (2006.01)

(45) 28.04.2022

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(74) Vimal Babu Undru

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(11) AU-A-2021105177

(21) 2021105177 (22) 09.08.2021

(54) INTELLIGENT SYSTEM & METHOD FOR HEALTH CARE INFORMATION EXCHANGE IN DISTRIBUTED FRAMEWORKS BASED ON BLOCK-CHAIN TECHNOLOGY

(51) Int. Cl.

G16H 50/80 (2018.01)

G16H 10/00 (2018.01)

(45) 28.04.2022

(72) Vashisht, Sahil; Rohit, Rohit; Kaur, Amritpal; Sehrawat, Neha; Ahlawat, Jyoti; Kumar, Naveen; Pal, Dharmendra; Kumar, Vinod; Sharma, Nitin; Singh, Sandeep

(74) John Thomas

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(11) AU-A-2021104043

(21) 2021104043 (22) 11.07.2021

(54) A Polyherbal Gel Composition For Preventing Ill Effect Of Sanitizers.

(51) Int. Cl.

A01N 65/00 (2009.01)

A01P 1/00 (2006.01)

A01N 31/02 (2006.01)

A01N 65/10 (2009.01)

A01N 65/22 (2009.01)

A01N 65/26 (2009.01)

A01N 65/36 (2009.01)

A01N 65/42 (2009.01)

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 (11) AU-A-2021104541
 (21) 2021104541 (22) 25.07.2021
 (54) A NOVEL FORMULATION OF SILY-MARIN FOR TREATMENT OF HEPATITIS
 (51) Int. Cl.
 A61K 36/28 (2006.01)
 A61K 9/00 (2006.01)
 A61K 9/107 (2006.01)
 A61K 9/14 (2006.01)
 A61K 47/44 (2017.01)
 A61K 47/46 (2006.01)
 A61P 1/16 (2006.01)

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 (72) Verma, Deepshikha; Mantry, Shubhrajit; Bhowmick, Mithun; Martha, Sujit Kumar; Jaiswal, Hema; Kumar, Ashvani
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- (71) Vyas, S.; Pramanik, P.; Pal, S.; Singh, A.; Nayyar, A.; Alsulami, M.
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- (45) 28.04.2022
 (72) Vyas, Sandeep; Pramanik, PijushKanti; Pal, Saurabh; Singh, Anuj; Nayyar, Anand; Alsulami, Musleh
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- (71) Wal, P.; Sharma, P.; Verma, A.; Tiwari, M.; Patil, V.M.; Kumar, V.
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 (54) AN INNOVATIVE BIOACTIVE DRESSING FOR TREATING WOUNDS USING HERBS & COW URINE.
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 A61L 15/44 (2006.01)

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

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 GOTSCHALL, Russell; LIU, Ce Feng
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 goods in a high-bay warehouse
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 BOL, Patrick; BRÜCK, Volker; HEIDE,
 Carsten; KLEIN, Bernd
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 external transportation means in a high-
 bay warehouse
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 David; TIMMERS, Adrian; PENNOCK,
 Steven; SHEARMAN, Mark
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 activator and an inhibitor of an antiap-
 optotic Bcl-2 family protein
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A01K 67/033 (2006.01)
B09B 3/00 (2006.01)
C05F 17/936 (2020.01)
C10B 53/07 (2006.01)
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C05C 11/00 (2006.01)
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C12N 15/09 (2006.01)
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 DOMINGUEZ, Lino; VILLA, Nancy;
 RAHMAN, Mohammed Masmudur
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 Breweries, Ltd.
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 method thereof
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A23L 2/00 (2006.01)
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C12G 3/04 (2019.01)
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A61K 39/29 (2006.01)
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C12Q 1/00 (2006.01)
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A43B 13/20 (2006.01)
A43B 7/14 (2006.01)
A43B 7/22 (2006.01)
A43B 7/24 (2006.01)
A43B 17/03 (2006.01)
A61F 5/14 (2006.01)
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C10G 29/10 (2006.01)
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 (51) Int. Cl.
C07K 14/32 (2006.01)
A01H 1/06 (2006.01)
A01N 63/50 (2020.01)
C12N 15/82 (2006.01)
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 (72) GARBERS, Amanda Marie; CHOUGULE, Nanasahab; ZAITSEVA, Jelena; LEHTINEN, Duane; BEYERLEIN, Aaron; EBERLE, Timothy; DING, Lei
 (74) Davies Collison Cave Pty Ltd

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 (54) Novel insect resistant genes and methods of use
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 C09C 1/36 (2006.01)
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A61K 31/5377 (2006.01)
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C07D 207/02 (2006.01)
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C22B 1/00 (2006.01)
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F21S 6/00 (2006.01)
F21V 21/22 (2006.01)
F21V 21/30 (2006.01)
H05B 45/10 (2020.01)
F21W 131/30 (2006.01)
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C07K 14/605 (2006.01)
A61K 38/26 (2006.01)
A61K 47/54 (2017.01)
A61P 1/00 (2006.01)
A61P 1/16 (2006.01)
A61P 3/04 (2006.01)
A61P 3/10 (2006.01)
A61P 25/28 (2006.01)
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A61M 25/02 (2006.01)
A61B 46/10 (2016.01)
A61F 13/42 (2006.01)
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F25B 30/02 (2006.01)
F28F 19/00 (2006.01)
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A61K 48/00 (2006.01)
A61P 21/00 (2006.01)
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A61K 38/20 (2006.01)
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H02J 3/12 (2006.01)
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A61P 35/00 (2006.01)
C07K 14/00 (2006.01)
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B29C 53/20 (2006.01)
B29D 23/00 (2006.01)
A61M 25/00 (2006.01)
A61M 25/02 (2006.01)
A61M 25/06 (2006.01)
B29C 67/00 (2017.01)
B29L 31/00 (2006.01)
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G01N 33/50 (2006.01)
A01N 1/02 (2006.01)
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F28B 9/02 (2006.01)
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C07K 14/085 (2006.01)
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A61K 31/454 (2006.01)
A61P 35/02 (2006.01)
C07K 16/28 (2006.01)
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A61J 1/10 (2006.01)
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H04L 9/40 (2022.01)
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C07D 498/04 (2006.01)
A61K 31/5365 (2006.01)
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A61P 35/00 (2006.01)
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B33Y 80/00 (2015.01)
C04B 26/02 (2006.01)
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A62C 2/06 (2006.01)
A62C 3/16 (2006.01)
H01M 10/48 (2006.01)
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B64D 45/04 (2006.01)
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 C01G 49/00 (2006.01)
 C01G 51/00 (2006.01)
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 A24F 40/42 (2020.01)
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F16D 65/12 (2006.01)
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B63B 1/14 (2006.01)
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B64C 3/16 (2006.01)
B64C 5/02 (2006.01)
B64C 35/00 (2006.01)
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F28D 3/02 (2006.01)
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A61B 17/00 (2006.01)
A61N 1/36 (2006.01)
A61N 2/00 (2006.01)
G16H 10/60 (2018.01)
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2020344187	UEA Enterprises Limited; University College Dublin, Na- tional University of Ireland, Dublin; The University of Surrey	2020350884	Robino & Galandrino S.p.A.
2020344233	Ethicon, Inc.	2020351047	Georg-August-Universität Göttingen Stiftung Öffent- lichen Rechts; Archroma IP GmbH
2020344237	Biotheus Inc.	2020351062	Ecole polytechnique federale de Lausanne (EPFL)
2020344316	Sekisui House, Ltd.	2020351078	Baker Hughes Holdings LLC
2020344408	NUC Electronics Co., Ltd.	2020351130	ExcepGen Inc.
2020344540	Sonos, Inc.	2020351173	Beckman Coulter, Inc.
2020344618	Electronic Health Record Data, Inc.	2020351216	Revive Electronics, LLC
2020344689	REQpay Inc.	2020351232	Tempus Labs, Inc.; Geisinger Clinic
2020344868	Robert Bosch GmbH	2020351234	Momenta Pharmaceuticals, Inc.
2020344895	Sanofi	2020351829	JTSHoldings Pty Ltd
2020344905	BASF SE	2020351871	Lim, K.
2020345004	Connexcom AG	2020352007	Huawei Digital Power Technologies Co., Ltd.
2020345133	Biotheus (Suzhou) Co., Ltd.	2020352441	Sirnaomics, Inc.
2020345176	DePuy Synthes Products, Inc.	2020352532	Shift5, Inc.
2020345574	Missingen Services AS	2020352827	Huawei Technologies Co., Ltd.
2020345650	2WP International Pty Ltd	2020353001	Booz Allen Hamilton Inc.
2020345743	ETH Zurich; Universität Zürich	2020353147	W. L. Gore & Associates, Inc.
2020345768	ICP Construction, Inc.	2020353148	W. L. Gore & Associates, Inc.
2020345850	Cidara Therapeutics, Inc.	2020353187	The Marketing Store Worldwide, L.P.
2020345904	Hayward Industries, Inc.	2020354492	Midland Steel Reinforcement Supplies Limited
2020345951	Vanderbilt University	2020355020	Ascendo Biotechnology, Inc.
2020346059	Simpson Strong-Tie Company Inc.	2020355109	The Board of Trustees of the Leland Stanford Junior University
2020346172	Shanghai Longwood Biopharmaceuticals Co., Ltd.	2020355194	Philipps-Universität Marburg; Julius-Maximili- ans-Universität Würzburg
2020346190	Zhao, S.; Zhao, C.	2020355358	Zhuhai Yufan Biotechnologies Co., Ltd; Tsinghua Uni- versity
2020346351	Fresenius Medical Care Deutschland GmbH	2020355873	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.
2020346420	Rohera, H.	2020356132	McInnes, R.
2020346614	eleXsys IP Pty Ltd	2020356152	Alter Ego
2020346695	Achieve Life Sciences, Inc.	2020356620	The General Hospital Corporation; Massachusetts Insti- tute of Technology
2020346707	NVIDIA Corporation	2020356625	Noodle Technology Inc.
2020346810	Cabbacis LLC	2020357569	Manitowoc Foodservice Companies, LLC
2020346881	Insulet Corporation	2020357740	Applied Genetic Technologies Corporation
2020346892	Electronic Health Record Data, Inc.	2020357865	Goldfinch Bio, Inc.
2020346899	Electronic Health Record Data, Inc.	2020357868	Alcon Inc.
2020346948	Shanghai Institute of Nutrition and Health, Chinese Academy of Sciences	2020357870	Alcon Inc.
2020346951	Shanghai Jemincare Pharmaceuticals Co., Ltd; Jiangxi Jemincare Group Co., Ltd	2020357941	Memorial Sloan Kettering Cancer Center
2020346979	Ramirez Juan, G.; Emmanuelli Colon, M.	2020357989	Rheem Manufacturing Company
2020347054	Evapco, Inc.	2020358093	Noctrix Health, Inc.
2020347076	Seajet Propulsion, Inc.		
2020347098	eleXsys IP Pty Ltd		
2020347175	Noleus Technologies, Inc.		
2020347183	Rimini Street, Inc.		

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2020358101	AlaMab Therapeutics, Inc.	2020364985	Hydranautics
2020358122	OminiWell Pty Ltd	2020365030	Behault Industrial Property Office B.V.
2020358982	NovaFlux Inc.	2020365097	Nicoventures Trading Limited; RAI Strategic Holdings Inc
2020359357	MarvelBiome, Inc.	2020365099	King's College London
2020359471	Suntory Holdings Limited	2020365118	Nanostring Technologies, Inc.
2020360000	Kainos Medicine, Inc.	2020365132	Annexon, Inc.
2020360242	Alcon Inc.	2020365133	Orchard Therapeutics (Europe) Limited
2020360329	ZTE Corporation	2020365140	Dolby Laboratories Licensing Corporation; Dolby International AB
2020360979	Averard Medical Devices	2020365149	General Automation Lab Technologies Inc.
2020361402	Woolchemy NZ Limited	2020365297	Unilever Global IP Limited
2020361482	Oerlikon Surface Solutions AG, Pfäffikon	2020365360	National Oilwell Varco Denmark I/S
2020361487	Solivus Limited	2020365378	PharmGenetix GmbH
2020361533	Trustees of Boston College	2020365389	MATISA Materiel Industriel SA
2020361544	Orano Mining	2020365525	Cancer Research Technology Limited
2020361600	BioCryst Pharmaceuticals, Inc.	2020365526	Bp Exploration Operating Company Limited
2020361622	Arizona Board of Regents on behalf of Arizona State University	2020365736	Seasun Therapeutics
2020361627	Nmetric, LLC	2020365763	Monash University; Alfred Health; The Macfarlane Burnet Institute for Medical Research and Public Health Ltd
2020361645	Oxford Healthtech Ltd	2020365836	Genentech, Inc.; F. Hoffmann-La Roche AG
2020361669	Chevron U.S.A. Inc.	2020365928	Capital One Services, LLC
2020361679	Collectar Biosciences, Inc.	2020365937	The Regents of the University of California
2020361703	Amicus Therapeutics, Inc.	2020366004	GeoQuest Systems B.V.
2020361746	Hutchinson S.A.	2020366245	BRIM Biotechnology, Inc.
2020361747	Glenmark Specialty S.A.	2020366288	Letenda Inc.
2020361963	Asahi Kasei Kabushiki Kaisha	2020366304	Caterpillar Inc.
2020362057	Rite-Hite Holding Corporation	2020366314	Human Systems Integration, Inc.
2020362100	Progress Rail Services Corporation	2020366329	The Scripps Research Institute
2020362203	The NOCO Company	2020366330	Weatherford Technology Holdings, LLC
2020362426	Mitsubishi Heavy Industries, Ltd.	2020366358	Pairwise Plants Services, Inc.
2020362763	Haihe Biopharma Co., Ltd.	2020366496	Unilever Global IP Limited
2020362909	Bayer Aktiengesellschaft	2020366533	M.E.D. Energy Inc.
2020363001	King Abdullah University of Science and Technology	2020366701	BP Exploration Operating Company Limited
2020363035	Oro Agri Inc.	2020366930	Give Plants Limited
2020363037	Arbell Energy Ltd	2020367007	Savencia SA
2020363069	Shenyang Sinochem Agrochemicals R&D Co., Ltd.; Jianguo Yangnong Chemical Co., Ltd.	2020367009	Lanxess Deutschland GmbH
2020363363	True Dogs, LLC	2020367040	UPL Corporation Limited; UPL Europe Ltd
2020363458	Foundat Pty Ltd	2020367153	BASF Agricultural Solutions Seed US LLC
2020363460	NewSouth Innovations Pty Limited	2020367246	eleva GmbH
2020363630	Incube Labs, LLC	2020367314	Suncom Energy B.V.
2020363639	Memorial Sloan Kettering Cancer Center; UAB Research Foundation	2020367381	MATISA Materiel Industriel SA
2020363658	Tongwei Solar (Chengdu) Co., Ltd.; Tongwei Solar (Meishan) Co., Ltd.	2020367398	UCL Business Ltd
2020363705	Oak Crest Institute of Science	2020367401	Harrison, R.
2020363707	Northwest Biotherapeutics, Inc.	2020367442	Northwestern University
2020363718	Gladly, Inc.	2020367523	BASF Agricultural Solutions Seed US LLC
2020363748	Fertin Pharma A/S	2020367734	Hunter Douglas, Inc.
2020363905	Progress Rail Services Corporation	2020367753	Human Systems Integration, Inc.
2020363906	Rheem Manufacturing Company	2020367831	Clearguard IPCo Pty Ltd
2020363927	Zobrius Pharma AS	2020367942	Thales DIS France SA
2020363975	University of Florida Research Foundation, Incorporated	2020368012	Fundació Institut d'Investigació Biomèdica de Bellvitge (IDIBELL)
2020363984	Solid Biosciences Inc.	2020368163	Dragonfly Therapeutics, Inc.
2020364007	Incyte Corporation	2020368397	Rea Innovations, Inc.
2020364008	Flex-Chem Holding Company, LLC	2020368421	Harkk Pty Ltd
2020364109	Airbus Defence and Space Limited	2020368447	ModernaTX, Inc.
2020364111	Nicoventures Trading Limited; RAI Strategic Holdings, Inc.	2020368539	The Broad Institute, Inc.; President and Fellows of Harvard College; Massachusetts Institute of Technology
2020364112	Nicoventures Trading Limited; RAI Strategic Holdings Inc	2020368614	GSK Consumer Healthcare SARL
2020364137	King Abdullah University of Science and Technology	2020369114	Immunocore Limited
2020364159	ELC Management LLC	2020369496	Celgene Corporation
2020364215	Infinera Corporation	2020369958	Stikes III, J.
2020364230	Solar Turbines Incorporated	2020370043	TheraBionic Inc.
2020364250	Catalog Technologies, Inc.	2020370099	Bain, D.
2020364329	Corewater Technologies Inc.	2020370133	Fractyl Health, Inc.
2020364371	Progress Rail Services Corporation	2020370146	CBRE, Inc.
2020364505	JFE Steel Corporation	2020370212	S.D. Sight Diagnostics Ltd
2020364556	Mitsubishi Heavy Industries, Ltd.	2020370282	Tucker, D.
2020364691	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.	2020370355	S. C. Johnson & Son, Inc.
2020364982	Thales	2020370479	MapLight Therapeutics, Inc.
		2020370542	BioPhero ApS
		2020370620	M.E.D. Energy Inc.

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2020370748	Cellex Oncology Innovations Limited	2020396182	Universiteit Gent
2020370830	P.V. Flood Control Corp.	2020397222	AstraZeneca AB
2020371043	Sleipner Motor AS	2020397225	Societe des Produits Nestle S.A.
2020371269	Sportable Technologies Ltd.	2020397853	Codiqo AB
2020371295	Lupin Limited	2020398407	Precision Planting LLC
2020371563	Seed Terminator Holdings Pty Ltd	2020398693	Société des Produits Nestlé S.A.
2020371791	MonoSol, LLC	2020403637	Johnson Matthey Fuel Cells Limited
2020371990	BAE Systems plc	2020404482	AMOVA GmbH
2020372333	Celgene Corporation	2020405636	Spiderwort Inc.; University of Ottawa
2020372429	Audentes Therapeutics, Inc.	2020406389	Amova GmbH
2020372500	OMS Investments, Inc.	2020418497	President and Fellows of Harvard College
2020372636	Accure Therapeutics, S.L.	2020419057	Boston Scientific Neuromodulation Corporation
2020372776	Danisco US Inc.	2020428935	Dabel, P.
2020372815	Zebra Technologies Corporation	2020431034	Foss Analytical A/S
2020372991	Terumo Cardiovascular Systems Corporation	2020442203	Huawei Digital Power Technologies Co., Ltd.
2020373193	Soltec Innovations, S.L.	2020443560	NEC Laboratories Europe GmbH
2020374235	Fourds Limited	2020454270	Huawei Digital Power Technologies Co., Ltd.
2020374482	Sakata Inx Corporation	2021221532	Arc Ento Tech Ltd
2020374878	Regeneron Pharmaceuticals, Inc.	2021224704	Mega Crystal Biotechnology Singapore Pte. Ltd.
2020374952	LivePerson, Inc.	2021227713	Monchball IP Pty Ltd
2020374957	Dana-Farber Cancer Institute, Inc.	2021229706	Yembo, Inc.
2020375212	Pixelgen Technologies AB	2021230443	Yembo, Inc.
2020375621	Danisco US Inc	2021231049	LG Energy Solution, Ltd.
2020375827	Techtronic Cordless GP	2021233778	Metz, D.; Metz, C.
2020376520	Barilla G. e R. Fratelli S.p.A.	2021258057	Hainan University
2020376819	LivePerson, Inc.	2021260391	Kytecbio Co., Ltd.
2020376858	Techtronic Cordless GP	2021264020	CosmoGlo LLC
2020376910	R.P. Scherer Technologies, LLC	2021266924	Shanghai Shineroad Automobile Technology Co., Ltd.
2020377469	Novo Nordisk A/S	2021271378	Henan Polytechnic University
2020378400	Google LLC	2021296911	FMC Technologies, Inc.
2020378422	Kemin Industries, Inc.	2021297508	Commonwealth Scientific and Industrial Research Organisation
2020378613	International Business Machines Corporation	2021311260	China UnionPay Co., Ltd.
2020378640	NanoTemper Technologies GmbH	2021314719	Nanjing Anji Biological Technology Co., Ltd.
2020378702	Permedica S.P.A.	2021317121	Hisense (Shandong) Refrigerator Co., Ltd.
2020378914	Weir Minerals Australia Ltd	2021319252	Nanjing Anji Biological Technology Co., Ltd.
2020379096	PierceCraft IP Ltd.	2021339235	CBSM Mining Services Pty Ltd
2020379163	Westermann KG		
2020379828	Smartech Topical, Inc.		
2020380098	Arevo AB		
2020380300	Boston Scientific Scimed, Inc.		
2020380978	Daikin Industries, Ltd.		
2020381016	PWS – Stemsafe Jv Pty Ltd		
2020381082	Janssen Vaccines & Prevention B.V.		
2020381349	F. Hoffmann-La Roche AG		
2020381755	SPCM SA		
2020381947	International Business Machines Corporation		
2020382138	International Business Machines Corporation		
2020383008	International Business Machines Corporation		
2020383176	Genexine, Inc.; Postech Research and Business Development Foundation		
2020383321	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG		
2020384926	Enterome S.A.		
2020385049	International Business Machines Corporation		
2020385264	International Business Machines Corporation		
2020385588	Limacorporate S.p.A.		
2020386151	Modag GmbH; Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.		
2020386419	Alucent Biomedical, Inc.		
2020386807	International Business Machines Corporation		
2020387113	International Business Machines Corporation		
2020387677	International Business Machines Corporation		
2020387944	Boston Scientific Scimed, Inc.		
2020388390	President and Fellows of Harvard College; Children's Medical Center Corporation		
2020388499	CJ Cheiljedang Corporation		
2020388742	Shanghai MicroPort EP MedTech Co., Ltd.		
2020391112	The Procter & Gamble Company		
2020391126	HOLOGIC, INC.		
2020392975	International Business Machines Corporation		
2020393708	D&D Pharmatech Inc.		
2020394499	International Business Machines Corporation		

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<u>A01C 5 /-</u>	<u>A01N 39 /-</u>	<u>A23L 13 /-</u>	<u>A45D 40 /-</u>	<u>A61B 50 /-</u>	2020352441
2020398407	2020372500	2020378422	2020368397	2020360979	2020355194
<u>A01C 7 /-</u>	<u>A01N 43 /-</u>	<u>A23L 2 /-</u>	<u>A47B 47 /-</u>	<u>A61B 6 /-</u>	2020355358
2020398407	2020363069	2020364691	2020347903	2020370043	2020355873
<u>A01F 12 /-</u>	2020367009	<u>A23L 29 /-</u>	<u>A47B 77 /-</u>	<u>A61B 90 /-</u>	2020357865
2020371563	2020367040	2020378422	2020379163	2020360000	2020357941
<u>A01F 7 /-</u>	<u>A01N 47 /-</u>	2020398693	<u>A47B 96 /-</u>	2020361600	2020362763
2020371563	2020367040	<u>A23L 33 /-</u>	2020347903	2020363927	2020364007
<u>A01H 1 /-</u>	<u>A01N 59 /-</u>	2020348683	<u>A47J 19 /-</u>	2020364111	2020364112
2020346810	2020367040	2020359357	2020344408	2020365097	2020365097
2020367153	<u>A01N 63 /-</u>	2020397225	<u>A47K 13 /-</u>	2020365736	2020365836
2020367523	2020363035	2020398693	2020369958	2020366245	2020366245
<u>A01H 5 /-</u>	2020367153	2021314719	<u>A47L 11 /-</u>	2020367398	2020369496
2020367523	2020367523	2021319252	2020375827	2020370479	2020370479
<u>A01K 15 /-</u>	<u>A01P 1 /-</u>	2020376520	<u>A47L 7 /-</u>	2020370748	2020371295
2020363363	2020367040	<u>A23N 1 /-</u>	2020375827	2020372429	2020372636
2021227713	<u>A01P 13 /-</u>	2020344408	2020375827	2020379828	2020381349
<u>A01K 29 /-</u>	2020372500	<u>A23P 30 /-</u>	<u>A47L 9 /-</u>	2020386151	2020397225
2020363363	<u>A01P 21 /-</u>	2020376520	2020375827	<u>A61K 35 /-</u>	2020345133
<u>A01K 5 /-</u>	2020363035	<u>A24B 13 /-</u>	2020376858	2020348805	2020348805
2021227713	<u>A01P 3 /-</u>	2020346810	<u>A61B 1 /-</u>	2020352441	2020352441
<u>A01K 61 /-</u>	2020367009	<u>A24B 15 /-</u>	2020370133	2020355194	2020355194
2020363001	<u>A21D 13 /-</u>	2020346695	<u>A61B 17 /-</u>	2020359357	2020359357
<u>A01K 67 /-</u>	2020367007	2020364111	2019472199	2020361622	2020361622
2021221532	<u>A21D 2 /-</u>	2020364112	2020344233	2020367442	2020367442
<u>A01M 1 /-</u>	2020367007	2020365097	2020345176	2020369114	2020369114
2020370355	<u>A23C 11 /-</u>	<u>A24F 40 /-</u>	2020346420	<u>A61K 36 /-</u>	2020349528
<u>A01M 7 /-</u>	2020347487	2020364111	2020360979	2020363927	2020363927
2020344868	<u>A23C 19 /-</u>	2020364112	2020380300	<u>A61K 38 /-</u>	2019470336
<u>A01N 1 /-</u>	2020367007	2020365097	<u>A61B 18 /-</u>	202034895	202034895
2020345743	<u>A23C 23 /-</u>	<u>A41B 17 /-</u>	2019472199	2020345850	2020345850
<u>A01N 25 /-</u>	2020367007	2020361402	2020370043	2020346948	2020346948
2020363035	<u>A23C 9 /-</u>	<u>A43B 13 /-</u>	2020383321	2020350137	2020350137
2020367009	2020367007	2020370099	2020386419	2020351062	2020351062
2020367040	<u>A23D 7 /-</u>	<u>A43B 17 /-</u>	<u>A61B 34 /-</u>	2020351130	2020351130
2020372500	2020347487	2020370099	2019470679	2020352441	2020352441
<u>A01N 37 /-</u>	<u>A23G 9 /-</u>	<u>A43B 7 /-</u>	<u>A61B 46 /-</u>	2020358101	2020358101
2020372500	2020347487	2020370099	2020428935	2020361703	2020361703
2020357569	<u>A23D 7 /-</u>	2020370099	<u>A61B 5 /-</u>	2020365099	2020365099
	2020357569	<u>A45D 34 /-</u>	2019470679	2020366245	2020366245
		2020368397	2020346420	2020368012	2020368012
			2020351232	2020372429	2020372429
			2020362909	2020372636	2020372636
			2020363630	2020377469	2020377469
			2020367753	2020383176	2020383176
				2020393708	2020393708
				2021314719	2021314719
				2021319252	2021319252

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<u>A61K 39 /-</u>	<u>A61L 2 /-</u>	<u>A61P 17 /-</u>	2020372333	<u>A63B 69 /-</u>	<u>B09B 3 /-</u>
2020344237	2020351216	2020367442	2020374957	2020396182	2020361669
2020349041			2020381349		2020363460
2020350137	<u>A61L 26 /-</u>	<u>A61P 21 /-</u>	2020383176	<u>A63H 3 /-</u>	2021221532
2020351234			2020384926		
2020355020	2020347175	2020348285		2020353187	<u>B09C 1 /-</u>
2020356620			<u>A61P 37 /-</u>	2020363363	
2020363707	<u>A61L 27 /-</u>	<u>A61P 25 /-</u>	2020346172		2020361669
2020365132			2020346948	<u>A63H 9 /-</u>	<u>B21C 37 /-</u>
2020365525	2020347175	2020357740	2020360000	2020363363	
2020368163	2020367398	2020362763	2020367442		2020365360
2020368539	2020405636	2020363639		<u>B01D 39 /-</u>	
2020369114		2020363927	<u>A61P 39 /-</u>		<u>B22D 1 /-</u>
2020374878	<u>A61L 29 /-</u>	2020365736		2020364329	
2020381082		2020370479	2021314719		2020350208
2020384926	2020386419	2020372636	2021319252	<u>B01D 61 /-</u>	
		2020377469		2020361963	<u>B23P 19 /-</u>
<u>A61K 45 /-</u>	<u>A61M 1 /-</u>	2020386151	<u>A61P 5 /-</u>	2020365526	2019464933
		2020393708			
2020344895	2020346351		2019470336	<u>B01D 63 /-</u>	<u>B24C 1 /-</u>
2020346948	2020347175	<u>A61P 27 /-</u>	2020344895		
2020349041	2020372991			2020364985	2020356152
2020370479	<u>A61M 16 /-</u>	2019466972	<u>A61P 7 /-</u>	<u>B01D 65 /-</u>	<u>B24C 3 /-</u>
2020370748		2020372636		2020364985	2020356152
	2020372991		2020365132	<u>B01D 69 /-</u>	<u>B24C 9 /-</u>
<u>A61K 47 /-</u>	<u>A61M 25 /-</u>	<u>A61P 29 /-</u>	<u>A61P 9 /-</u>	2020361963	2020356152
		2020346948		<u>B01F 27 /-</u>	<u>B24D 15 /-</u>
2019466972	2020344233		2020362763	2020361963	2020345650
2020347257	2020370133	<u>A61P 3 /-</u>	<u>A61Q 11 /-</u>	<u>B01J 31 /-</u>	<u>B25J 13 /-</u>
2020349085	2020386419			2021260391	2019464933
2020365836	2020428935	2019470336	<u>A61Q 15 /-</u>	<u>B01J 35 /-</u>	<u>B25J 19 /-</u>
2020367398		2020344895		2021260391	2019464933
2020368447	<u>A61M 39 /-</u>	2020348805	2020358982	<u>B01L 3 /-</u>	<u>B27H 5 /-</u>
2020376910		2020362763		2020431034	2020356152
2020379828	2020428935	2020393708	<u>A61Q 19 /-</u>	<u>B02C 13 /-</u>	<u>B27K 3 /-</u>
2020393708				2020371563	2020351047
	<u>A61M 60 /-</u>	<u>A61P 31 /-</u>	<u>A61Q 9 /-</u>	<u>B02C 17 /-</u>	<u>B29B 17 /-</u>
		2020347724		2019464933	2020363460
2020348285	2020348499	2020348825	<u>A62C 2 /-</u>	<u>B02C 23 /-</u>	<u>B29C 53 /-</u>
2020365099		2020355873		2019464933	2020344233
2020368539	<u>A61N 1 /-</u>	2020362763	2021231049	<u>B02C 4 /-</u>	2020344233
2020372429		2020368539	<u>A62C 3 /-</u>	2021339235	<u>B29D 23 /-</u>
	2020345951	2020374878		2020367831	2020344233
<u>A61K 49 /-</u>	2020346420	2020383176	<u>A63B 24 /-</u>	<u>B08B 1 /-</u>	2020344233
	2020355109			2020367831	<u>B29L 31 /-</u>
2020348382	2020358093	<u>A61P 35 /-</u>	2020366245	<u>B08B 9 /-</u>	2020344233
	2020370043			2020367831	
<u>A61K 51 /-</u>	2020419057	2019465985	<u>A63B 37 /-</u>		
		2020344237			
2020349002	<u>A61N 2 /-</u>	2020345133	2021231049	<u>B02C 17 /-</u>	
		2020346172	<u>A62C 3 /-</u>	2019464933	
<u>A61K 8 /-</u>	2020346420	2020347257		<u>B02C 23 /-</u>	
		2020348825	<u>A63B 24 /-</u>	2019464933	
2020358982	<u>A61N 5 /-</u>	2020349041		<u>B02C 23 /-</u>	
2020364159		2020350137	<u>A63B 37 /-</u>	2019464933	
2020365297	2020355109	2020351062		<u>B02C 4 /-</u>	
2020366496	2020370043	2020355358	<u>A63B 41 /-</u>	2021339235	
2020368397		2020357865		<u>B08B 1 /-</u>	
	<u>A61P 1 /-</u>	2020360000	<u>A63B 43 /-</u>	2020367831	
<u>A61K 9 /-</u>		2020361679		<u>B08B 9 /-</u>	
	2020393708	2020362763	2020396182		
2020346695		2020363639		<u>B02C 17 /-</u>	
2020348805	<u>A61P 11 /-</u>	2020364007	<u>A63B 41 /-</u>	2019464933	
2020358101		2020365099		<u>B02C 23 /-</u>	
2020361747	2020361747	2020365836	2020371269	2019464933	
2020363705		2020367398	<u>A63B 43 /-</u>	<u>B02C 23 /-</u>	
2020363748	<u>A61P 13 /-</u>	2020368163		2019464933	
2020366245		2020369114	2020371269	<u>B02C 4 /-</u>	
2020367398	2020363639	2020369496		2021339235	
2020368447		2020370748	<u>A63B 43 /-</u>	<u>B08B 1 /-</u>	
2020379828		2020371295		2020367831	

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B32B 27 /-		B65D 85 /-		2020376910	2020368447
2020368614	B63B 21 /-		C05C 11 /-	2020386151	2020369114
2020371791	2020364982	2020366930	2020380098	2020397222	2020381082
B32B 9 /-	B63B 34 /-	B65G 1 /-	C05F 11 /-	C07D 407 /-	2020383176
2020371791	2020347076	2020404482	2020380098	2020372333	2020384926
B33Y 10 /-	B63B 39 /-	2020406389	C05F 17 /-	C07D 409 /-	2020393708
2020363001	2020371043	B65G 63 /-	2021221532	2020346172	C07K 16 /-
B33Y 70 /-	B63G 8 /-	2020404482	C05G 3 /-	C07D 413 /-	2020344237
2020363001	2020364982	2020406389	2020372500	2020351234	2020347257
B33Y 80 /-	B63H 11 /-	B67B 5 /-	C07C 211 /-	2020346172	2020350137
2020363001	2020347076	2020350884	2020357941	2020360000	2020351234
B42D 25 /-	B64C 13 /-	C01B 3 /-	C07D 207 /-	2020361679	2020356620
2020350874	2020364556	2019285846	2020355873	2020361747	2020363975
B60B 25 /-	B64C 27 /-	C01B 32 /-	C07D 213 /-	C07D 417 /-	2020365836
2020361746	2020362426	2020363460	2020346951	2020355358	2020366245
B60B 31 /-	B64C 29 /-	C01G 23 /-	2020361747	2020361747	2020368163
2020361746	2020362426	2020350874	C07D 231 /-	C07D 471 /-	2020374878
B60K 1 /-	B64C 3 /-	C01G 49 /-	2020361747	2020345850	2020381349
2020366288	2020379096	2020363460	2020363069	2020355873	C07K 19 /-
B60L 58 /-	B64C 35 /-	C01G 51 /-	C07D 239 /-	2020357865	2020345133
2020365030	2020379096	2020363460	2020361747	2020362763	C07K 5 /-
B60P 3 /-	B64C 39 /-	C01G 53 /-	C07D 241 /-	2020364007	2020363001
2021233778	2020379096	2020363460	2020361747	C07D 487 /-	C07K 7 /-
B60V 1 /-	B64C 5 /-	C02F 1 /-	C07D 259 /-	2020346172	2019470336
2020379096	2020379096	2020365526	2020361747	2020355873	2020363001
B60W 20 /-	B64D 27 /-	2020370282	C07D 265 /-	2020362763	2020365099
2020365030	2020379096	2020375621	2020355873	2020364007	2021314719
B61L 15 /-	B64D 45 /-	C02F 101 /-	C07D 307 /-	2020397222	2021319252
2019469799	2020362426	2020375621	2020361679	C07D 491 /-	C08G 18 /-
2020362100	2020364556	C02F 103 /-	C07D 401 /-	2020348825	2020345768
2020363905	B64D 47 /-	2020365526	2020345850	C07D 498 /-	C08G 73 /-
2020364371	2020362426	2020370282	2020355358	2020347724	2019466972
B61L 27 /-	2020364556	2020375621	2020360000	2020376910	2020371791
2020362100	B65D 5 /-	C02F 3 /-	2020363069	C07F 15 /-	C08J 7 /-
2020363905	2020366930	2020375621	2020369496	2021260391	2020371791
2020364371	B65D 65 /-	C02F 101 /-	2020374957	C07H 21 /-	C08J 9 /-
B61L 27 /-	2020362426	C02F 103 /-	2020386151	2020361533	2020345768
2020362100	2020364556	2020375621	C07K 1 /-	C07K 1 /-	2020367398
2020363905	B65D 75 /-	C04B 103 /-	2020367246	C07K 14 /-	C09C 1 /-
B62D 25 /-	2020366930	2020367009	C07K 14 /-	2020351062	2020350874
2020366288	B65D 65 /-	C04B 111 /-	2020351130	2020351130	2020374482
B62D 31 /-	2020371791	2020367009	2020355020	2020361533	C09K 21 /-
2020366288	B65D 75 /-	C04B 26 /-	2020361703	2020361703	2020351047
B63B 1 /-	2020368614	2020363001	2020363975	2020363984	C09K 8 /-
2020379096	C04B 28 /-	2020367009	2020365736	2020367153	2020364008
			2020367523	2020368012	2020381755
			2020367523		
			2020368012		

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<u>C10B 53 /-</u>	<u>C12N 5 /-</u>	<u>C22C 14 /-</u>	<u>E02F 3 /-</u>	<u>E21B 43 /-</u>	<u>F16L 55 /-</u>
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2021221532	2020348805	2020353148	<u>E02F 9 /-</u>		<u>F21S 6 /-</u>
<u>C10B 57 /-</u>	2020355194	<u>C22C 19 /-</u>	2020365389	<u>E21B 47 /-</u>	2021264020
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2021221532	<u>C12N 7 /-</u>	2020353148	<u>E04B 1 /-</u>	2021296911	<u>F21V 21 /-</u>
		2020363460			
<u>C10G 29 /-</u>	2020368539	<u>C22C 29 /-</u>	2020346059	<u>E21B 7 /-</u>	2021264020
			2020368421	2021271378	<u>F21W 131 /-</u>
2020351078	<u>C12N 9 /-</u>	2020378914	<u>E04B 2 /-</u>	<u>E21C 25 /-</u>	2021264020
<u>C10G 3 /-</u>	2020361533	<u>C22C 33 /-</u>	2020368421	2020347357	<u>F23G 7 /-</u>
	2020365378	2020378914		2020367381	2020361669
2020366533	2020366358	<u>C22C 38 /-</u>	<u>E04C 2 /-</u>	<u>E21C 31 /-</u>	
	2020372776				
<u>C10G 33 /-</u>	2020388499	2020350261	2020344316	<u>E21C 35 /-</u>	<u>F23N 5 /-</u>
		2020364505	<u>E04C 5 /-</u>		2019469228
2020351078	<u>C12P 13 /-</u>	2020378914		2020347357	
		<u>C22F 1 /-</u>	2020344316	<u>E21C 35 /-</u>	<u>F23R 3 /-</u>
<u>C10J 3 /-</u>	2020388499	2020353147	2020354492	2020347357	2020364230
		2020353148	<u>E04H 15 /-</u>	<u>E21D 20 /-</u>	<u>F24D 10 /-</u>
2020366533	<u>C12P 21 /-</u>	<u>C23C 8 /-</u>	2021233778	2021271378	2020370620
		2020361482	<u>E04H 4 /-</u>	<u>E21D 9 /-</u>	<u>F24D 3 /-</u>
<u>C10L 3 /-</u>	2020361533	<u>C23F 13 /-</u>	2020345904	2020381016	2020370620
	2020367246	2020363906	2020367401	<u>F01N 11 /-</u>	
2020351078	2020372776	2020363906	2020370830	2019469228	<u>F24H 1 /-</u>
		<u>C25B 3 /-</u>	<u>E06B 1 /-</u>		2020357989
<u>C11C 3 /-</u>	<u>C12P 7 /-</u>	2021260391	2019472175	<u>F02N 11 /-</u>	2020363906
		<u>C30B 23 /-</u>	<u>E06B 3 /-</u>	2020362203	2020380978
2020398693	2020370542	2020378613	2019472175	<u>F04B 49 /-</u>	<u>F24H 4 /-</u>
		<u>C30B 29 /-</u>	2019472542	2020345904	2020380978
<u>C11D 17 /-</u>	<u>C12Q 1 /-</u>	2020378613	<u>E06B 9 /-</u>	<u>F04D 15 /-</u>	<u>F24H 9 /-</u>
		<u>C40B 70 /-</u>	2020367734	2020345904	2020363906
2020371791	2020344187	2020418497	2020374235		2020380978
	2020355020	<u>D01F 6 /-</u>	<u>E21B 15 /-</u>	<u>F16B 5 /-</u>	<u>F24S 10 /-</u>
<u>C12G 3 /-</u>	2020363975	2020361963	2021271378	2020373193	2020367314
	2020364250	<u>D04H 5 /-</u>	<u>E21B 17 /-</u>	<u>F16B 7 /-</u>	<u>F24S 20 /-</u>
2020359471	2020365378	2020361402	2021296911	2020373193	2020367314
2020364691	2020375212	<u>E01B 25 /-</u>	<u>E21B 23 /-</u>	<u>F16D 65 /-</u>	<u>F24S 23 /-</u>
	2020388390	2019475518	2020366330	2020361482	2020367314
<u>C12M 3 /-</u>	2020418497	<u>E01B 27 /-</u>	<u>E21B 33 /-</u>	<u>F16F 15 /-</u>	<u>F24S 30 /-</u>
		2020365389	2020366330	2020346059	2020373193
2020358122	<u>C21D 6 /-</u>	2020367381	2020381016	<u>F16K 31 /-</u>	<u>F24S 80 /-</u>
		<u>E02B 3 /-</u>	2021296911	2020370282	2020367314
<u>C12N 1 /-</u>	2020378914	2020363001	<u>E21B 34 /-</u>	<u>F16L 11 /-</u>	<u>F25B 30 /-</u>
		2020364137	2020366330	2020365360	2020380978
2020359357	<u>C21D 8 /-</u>		<u>E21B 37 /-</u>		
			2020367831		
<u>C12N 15 /-</u>	2020350261				
	2020364505	<u>D01F 6 /-</u>			
2020344237	<u>C22B 1 /-</u>	2020361963	<u>E21B 17 /-</u>	<u>F16B 7 /-</u>	<u>F24S 20 /-</u>
2020344905		<u>D04H 5 /-</u>	2021296911	2020373193	2020367314
2020345133	2021297508	2020361402	<u>E21B 23 /-</u>	<u>F16D 65 /-</u>	<u>F24S 23 /-</u>
2020346810		<u>E01B 25 /-</u>	2020366330	2020361482	2020367314
2020348285	<u>C22B 26 /-</u>	2019475518	<u>E21B 33 /-</u>	<u>F16F 15 /-</u>	<u>F24S 30 /-</u>
2020351130		<u>E01B 27 /-</u>	2020366330	2020346059	2020373193
2020357740	2021297508	2020365389	2020381016	<u>F16K 31 /-</u>	<u>F24S 80 /-</u>
2020361622		2020367381	2021296911	2020370282	2020367314
2020361703	<u>C22B 4 /-</u>	<u>E02B 3 /-</u>	<u>E21B 34 /-</u>	<u>F16L 11 /-</u>	<u>F25B 30 /-</u>
2020363984		2020363001	2020366330	2020365360	2020380978
2020365133	2020363460	2020364137			
2020365736	<u>C22B 7 /-</u>				
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2020366358	<u>C22C 1 /-</u>				
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F25D 25 /-	G01M 17 /-	G02B 7 /-	G06N 20 /-	2021229706 2021230443	2020346420
2019470529 2021317121	2019469799	2020391126	2020347183 2020362100 2020363905 2020364371 2020394499	G06T 19 /-	H01L 25 /-
F26B 25 /-	G01N 1 /-	G02C 7 /-	G06N 3 /-	2021229706 2021230443	2021224704
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F26B 9 /-	G01N 15 /-	G05B 23 /-	G06N 9 /-	2020387944 2021229706 2021230443	2020381947
2020351216	2020378640	2020353001	2020342222 2020351871 2020361627 2020364371 2020385049 2020385264 2021229706 2021230443	G06T 9 /-	H01L 31 /-
F28B 1 /-	G01N 21 /-	G05D 1 /-	G06N 7 /-	2020397853	2020363037 2020363658
2020347054	2020342222 2020365149 2020370212	2020362426 2020364556	2020394499	G07B 15 /-	H01L 39 /-
F28B 9 /-	2020378640 2020388390	G05D 9 /-	G07C 9 /-	2020397853	2020378613 2020381947
2020347054	G01N 29 /-	2020367401	G07F 19 /-	H01L 43 /-	
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2020357989	G01N 33 /-	2020346614	G07F 19 /-	H01M 10 /-	
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2020357989	2020363975 2020365149 2020365378 2020365763	2020366314	2020385049	H01M 4 /-	
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2020380978	G01N 17 /-	2020356625	2020443560	H01M 8 /-	
F41H 5 /-	2019471608	G06F 16 /-	G10K 11 /-	2020347499	2020403637
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2019471608		G06Q 50 /-	G16H 10 /-	H01Q 25 /-	
		2020344689	2020346420	2020364109	

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2020364109	2020319904	2021264020
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	2020323624	
	2020383008	
<u>H02B 1 /-</u>	<u>H04N 21 /-</u>	
2020351829	2020344540	
<u>H02G 3 /-</u>	<u>H04N 5 /-</u>	
2020351829	2020391126	
<u>H02J 3 /-</u>	<u>H04N 7 /-</u>	
2020346614	2020319904	
2020347098	2020321174	
2020352007	2020321996	
2020442203	2020323624	
	2020352827	
<u>H02J 7 /-</u>	2020371990	
2020347098		
2020362203	<u>H04R 1 /-</u>	
	2020347499	
<u>H02M 3 /-</u>	<u>H04R 25 /-</u>	
2020454270	2020351216	
<u>H02M 7 /-</u>	<u>H04R 3 /-</u>	
2020442203	2019469665	
<u>H02S 20 /-</u>	<u>H04W 12 /-</u>	
2020361487	2020345004	
2020373193		
<u>H04B 3 /-</u>	<u>H04W 16 /-</u>	
2020346614	2020387113	
2020352007		
<u>H04L 1 /-</u>	<u>H04W 36 /-</u>	
2020372815	2020378400	
<u>H04L 5 /-</u>	<u>H04W 4 /-</u>	
2020372815	2020363458	
<u>H04L 51 /-</u>	<u>H04W 52 /-</u>	
2020374952	2019469004	
2020376819	<u>H04W 72 /-</u>	
<u>H04L 9 /-</u>	2020372815	
2019469058	<u>H04W 74 /-</u>	
2020371990	2020360329	
<u>H04M 1 /-</u>	<u>H04W 76 /-</u>	
2020347499	2020378400	
<u>H04M 3 /-</u>	<u>H04W 88 /-</u>	
2020363718	2019473996	
<u>H04N 1 /-</u>	2020378400	
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A61P 3/04 (2006.01)
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2016202363	Hawkes-Sabo, V.	2017291702	Memorial Sloan Kettering Cancer Center; Cornell University
2016208291	Grifols Worldwide Operations Limited	2017294555	CSL Behring Lengnau AG
2016244027	University of Massachusetts	2017295716	L3 Open Water Power, Inc.
2016247922	Alnylam Pharmaceuticals, Inc.	2017295870	Iontra LLC
2016248995	President and Fellows of Harvard College	2017297427	Smartsy Networks LLC
2016249782	Astellas Pharma Inc.; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz GmbH	2017298381	Qualcomm Incorporated
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2016270858	Genentech, Inc.; AC Immune SA	2017303233	Exeger Operations AB
2016271111	Bristol-Myers Squibb Company	2017308511	Cognian Technologies Ltd
2016273343	ESTEVE PHARMACEUTICALS, S.A.; Universitat Autònoma de Barcelona	2017311446	BASF SE
2016280190	Eisai R&D Management Co., Ltd.	2017313655	Arvos Ljungström LLC
2016282898	XVIVO Perfusion AB	2017314211	Levity Products, Inc.
2016313392	Dan Raz Ltd.	2017320341	Commonwealth Scientific and Industrial Research Organisation
2016321238	Caterpillar Inc.	2017322114	FutureVault Inc.
2016326716	Geothermic Solution, LLC	2017322897	Kao Corporation
2016326742	Caris Science, Inc.	2017331593	Teva Pharmaceuticals International GmbH
2016330788	Galderma Research & Development	2017332444	Handelsonderneming We-Ha
2016330929	Johnson & Johnson Consumer Inc.	2017332710	CloudBlue LLC
2016335675	AiViva BioPharma, Inc.	2017336790	Auris Health, Inc.
2016338540	Massachusetts Eye and Ear Infirmary	2017351403	Toray Industries, Inc.
2016338552	Les Laboratoires Servier	2017357935	Keros Therapeutics, Inc.
2016346328	View, Inc.	2017371084	Board of Regents, The University of Texas System
2016348490	Société des Produits Nestlé S.A.	2017377937	Pepsico, Inc.
2016362540	Fondazione Istituto Insubrico di Ricerca per la Vita	2017384002	Kalkfabrik Netstal AG
2016363061	Shodoshima Healthyland Co., Ltd.	2017387781	Magic Leap, Inc.
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2016369657	DYWIDAG-Systems International Pty Limited	2017400684	Halliburton Energy Services, Inc.
2016371032	Arrow Mirror and Glass, Inc.	2017433643	Biocells (Beijing) Biotech Co., Ltd.
2016377872	Conrig Pharma ApS	2018203119	Greens Global Limited
2016378556	Arizona Board of Regents on behalf of The University of Arizona; Dignity Health	2018203922	Norwood Industries Inc.
2016402988	Icentia Inc.	2018207928	Marel A/S
2016406342	Halliburton Energy Services, Inc.	2018207988	Wishbone
2016428457	Guangdong Oppo Mobile Telecommunications Corp., Ltd.	2018210818	Qualcomm Incorporated
2017201043	Hunter Douglas Inc.	2018212272	The Chinese University of Hong Kong; Grail, Inc.
2017202250	Studco Australia Pty Ltd	2018215802	CommScope Technologies LLC
2017203369	Howmedica Osteonics Corp.	2018218738	Sharp Kabushiki Kaisha; FG Innovation Company Limited
2017204215	InterDigital CE Patent Holdings	2018220509	Sunovion Pharmaceuticals Inc.
2017205231	Evolv Technology Solutions, Inc.	2018222744	Fidelity Information Services, LLC; Equifax, Inc.
2017205690	Ascendis Pharma Growth Disorders A/S	2018227849	Achillion Pharmaceuticals, Inc.
2017207418	Harounian, K.	2018233670	Haldor Topsøe A/S
2017208058	GROWSAFE SYSTEMS LTD.	2018234278	Nodthera Limited
2017211737	Jiangsu Hengrui Medicine Co., Ltd.	2018244015	Integra Lifesciences Switzerland Sàrl
2017220028	Becton, Dickinson and Company	2018250210	Bioniz, LLC
2017232340	Lucira Health, Inc.	2018250886	Chr. Hansen A/S
2017237442	Metso Minerals, Inc.	2018259040	UCB Biopharma SRL; Sanofi
2017248228	LENSAR, Inc.	2018260699	Cavion, Inc.
2017250553	Corwave SA	2018276441	F. Hoffmann-La Roche AG
2017253088	New Frontier Labs, LLC	2018280955	CMR Surgical Limited
2017254706	Hollister Incorporated	2018281196	Gen-Probe Incorporated
2017259023	Metso Minerals, Inc.	2018281935	E-Circuit Motors, Inc.
2017261902	Tiger Tool International Incorporated	2018287018	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM LTD; University of Guelph
2017264546	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz gemeinnützige GmbH	2018287526	Citrix Systems, Inc.
2017264749	De La Rue International Limited	2018308364	Forty Seven, Inc.
2017265054	Caterpillar Inc.,	2018315053	Commonwealth Scientific and Industrial Research Organisation
2017267278	Giuliani S.p.A.	2018337546	LG Electronics Inc.
2017276721	Primetals Technologies Austria GmbH	2018338855	Takeda Pharmaceutical Company Limited
2017279451	Equinor Energy AS	2018351846	Safekick Americas LLC
2017286989	Dompe' Farmaceutici S.p.A.	2018372709	Eli Lilly and Company
		2018380774	LG Electronics Inc.
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2018390173	Erber Aktiengesellschaft	2020264399	Kimberly-Clark Worldwide, Inc.
2018396957	Guangzhou Huanfeng Energy Technology Co., Ltd.	2020267316	Hunt Perovskite Technologies, L.L.P.
2018402350	RKK Beteiligungs GmbH	2020286192	CareFusion 303, Inc.
2018415259	The Procter & Gamble Company	2020309090	SenseTime International Pte. Ltd.
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	Illumina, Inc.; Illumina Singapore Pte. Ltd.	2021201044	InterDigital VC Holdings, Inc.
2019221691	Huawei Technologies Co., Ltd.	2021201048	HARRISON-AI PTY LTD
2019222048	Vandewiele NV	2021201071	Halliburton Energy Services, Inc.
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2019247458	Shanghai Zhigen Pharmaceutical & Technology Co. Ltd.	2021203636	Guangzhou Classic & Fresh Crafts Co., Limited
2019248310	Dormakaba USA Inc.	2021204699	Guangdong OPPO Mobile Telecommunications Corp., Ltd.
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2019262282	VSpharmtech	2021221924	Gen-Probe Incorporated
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2020200379	Avectas Limited		
2020200980	Kiniksa Pharmaceuticals, Ltd.		
2020201010	Aristocrat Technologies Australia Pty Limited		
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<u>A23K 10 /-</u>	2019354369	2018234278	2016330929	2018390173	<u>A61P 7 /-</u>
2018390173	2020227045	2018259040	2016363061	2019262282	<u>A61P 11 /-</u>
<u>A23K 50 /-</u>	<u>A61B 18 /-</u>	2018260699	2017267278	2019262282	2017294555
2018390173	2017248228	2018276441	2018250210	<u>A61P 17 /-</u>	<u>A61P 9 /-</u>
<u>A23L 13 /-</u>	2017336790	2018338855	2018415259	2016363061	2017433643
2017351403	2018280955	2019217408	<u>A61K 9 /-</u>	2020200980	<u>A61Q 11 /-</u>
<u>A23L 17 /-</u>	<u>A61B 34 /-</u>	2019248310	2016330788	<u>A61P 19 /-</u>	<u>A61Q 17 /-</u>
2017351403	2018280955	2019262282	2016330929	2019262282	2016363061
<u>A23L 2 /-</u>	<u>A61B 5 /-</u>	2019263438	2017211737	<u>A61P 21 /-</u>	<u>A61Q 19 /-</u>
2020250206	2014234961	2019265268	2020201863	2018338855	<u>A61Q 7 /-</u>
<u>A23L 3 /-</u>	2016402988	2020200379	2022202241	2019262282	2017267278
2017351403	2017291702	2020202088	<u>A61L 27 /-</u>	<u>A61P 25 /-</u>	<u>A63B 23 /-</u>
<u>A23L 2 /-</u>	2018244015	2020256400	2018207988	2016244027	2017301737
2020250206	<u>A61B 6 /-</u>	2022202241	<u>A61M 1 /-</u>	2017331593	<u>A63B 24 /-</u>
<u>A23L 3 /-</u>	2017291702	<u>A61K 35 /-</u>	2018244015	2017388466	2021203636
2017351403	<u>A61F 13 /-</u>	2018390173	<u>A61M 11 /-</u>	2017433643	<u>A63F 13 /-</u>
	2020264399	2016363061	2019241464	2018220509	2020201010
		2018287018	<u>A61M 15 /-</u>	2018338855	<u>B01L 3 /-</u>
		2017294555	2019241464	2019217408	2017232340
		2017357935	<u>A61M 16 /-</u>	2019248310	
		2017433643	2016378556	2020256400	
		2018250210	<u>A61M 25 /-</u>		
		2018372709	2017254706		
		2020201725			
		2021200833			
		<u>A61K 39 /-</u>			

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2021202147	2020220121	2019377957	<u>C07C 331 /-</u>	<u>C07D 261 /-</u>	<u>C07H 19 /-</u>
<u>B01L 7 /-</u>	<u>B27N 3 /-</u>	<u>B65B 43 /-</u>	2020201970	2018234278	2016338552
2017232340	2017332444	2019233720	<u>C07C 381 /-</u>	<u>C07D 263 /-</u>	<u>C07H 21 /-</u>
<u>B02C 13 /-</u>	<u>B29C 48 /-</u>	<u>B65C 9 /-</u>	2020201970	2020201970	2016247922
2017237442	2017332444	2018389811	<u>C07C 69 /-</u>	<u>C07D 271 /-</u>	<u>C07J 15 /-</u>
<u>B02C 21 /-</u>	<u>B29C 65 /-</u>	<u>B66B 1 /-</u>	2018287018	2018234278	2020256400
2017237442	2019446744	2019295865	<u>C07D 207 /-</u>	<u>C07D 277 /-</u>	<u>C07J 3 /-</u>
<u>B02C 4 /-</u>	<u>B29C 67 /-</u>	<u>B66B 25 /-</u>	2017371084	2018220509	2020256400
2019313596	2016321238	2018385222	2020201970	2019265268	2020201970
<u>B03B 9 /-</u>	<u>B29K 101 /-</u>	<u>B66B 5 /-</u>	<u>C07D 209 /-</u>	<u>C07D 285 /-</u>	<u>C07J 7 /-</u>
2019286084	2019446744	2018385222	2020201970	2020201970	2020256400
<u>B05B 1 /-</u>	<u>B29L 23 /-</u>	<u>B66F 15 /-</u>	<u>C07D 211 /-</u>	<u>C07D 295 /-</u>	<u>C07K 1 /-</u>
2018203119	2019446744	2020203595	2019263438	2019248310	2018250210
<u>B05B 7 /-</u>	<u>B32B 21 /-</u>	<u>C01B 3 /-</u>	<u>C07D 213 /-</u>	<u>C07D 333 /-</u>	<u>C07K 14 /-</u>
2018203119	2017332444	2018233670	2017388466	2018220509	2018250210
<u>B07B 1 /-</u>	<u>B32B 27 /-</u>	<u>C01C 1 /-</u>	2018234278	2020201970	2018250886
2017237442	2019222048	2018233670	2020201970	2020201970	2021200833
<u>B07B 13 /-</u>	<u>B32B 37 /-</u>	<u>C07C 13 /-</u>	<u>C07D 215 /-</u>	<u>C07D 401 /-</u>	<u>C07K 16 /-</u>
2017259023	2017332444	2018234278	2020201970	2017388466	2016249782
<u>B23B 1 /-</u>	<u>B32B 5 /-</u>	<u>C07C 225 /-</u>	<u>C07D 217 /-</u>	2018260699	2016270858
2020351634	2020221758	2019248310	2019217408	2019217408	2016271111
<u>B23D 47 /-</u>	<u>B32B 7 /-</u>	<u>C07C 237 /-</u>	<u>C07D 215 /-</u>	<u>C07D 403 /-</u>	2016280190
2018203922	2020221758	2019248310	2020201970	2018227849	2017331593
<u>B23D 55 /-</u>	<u>B41J 11 /-</u>	2020201970	<u>C07D 221 /-</u>	<u>C07D 413 /-</u>	2018308364
2018203922	2018389811	2020201970	2019217408	2018260699	2020200980
<u>B23G 1 /-</u>	<u>B41M 3 /-</u>	<u>C07C 255 /-</u>	<u>C07D 231 /-</u>	<u>C07D 417 /-</u>	<u>C07K 7 /-</u>
2020203095	2017264749	2020201970	2018234278	2018276441	2018250210
<u>B23G 5 /-</u>	<u>B41M 5 /-</u>	<u>C07C 271 /-</u>	2020201970	2019265268	<u>C08G 18 /-</u>
2020203095	2019290964	2018233670	<u>C07D 233 /-</u>	2020201970	2018448389
<u>B23K 26 /-</u>	<u>B42D 25 /-</u>	<u>C07C 29 /-</u>	2018234278	2020201970	<u>C08K 5 /-</u>
2019247458	2017264749	2018233670	2020201970	<u>C07D 471 /-</u>	2019290964
<u>B23P 6 /-</u>	<u>B60G 3 /-</u>	<u>C07C 311 /-</u>	<u>C07D 235 /-</u>	2018259040	2019290964
2020203095	2019377957	2020201970	2020201970	2019217408	<u>C08L 23 /-</u>
<u>B25B 27 /-</u>	<u>B60H 1 /-</u>	<u>C07C 317 /-</u>	<u>C07D 237 /-</u>	2020201970	2019290964
2020203595	2017261902	2020201970	2018234278	<u>C07D 487 /-</u>	<u>C08L 75 /-</u>
<u>B25J 19 /-</u>	<u>B60K 7 /-</u>	<u>C07C 323 /-</u>	2020201970	2018259040	2018448389
2019395668	2019377957	2020201970	2020201970	2018338855	<u>C09K 8 /-</u>
<u>B26B 21 /-</u>	<u>B62D 7 /-</u>	<u>C07C 331 /-</u>	<u>C07D 239 /-</u>	<u>C07D 495 /-</u>	<u>C09K 8 /-</u>
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			2018234278	2019262282	<u>C10C 3 /-</u>
			2020201970	<u>C07D 498 /-</u>	2016256749
			2020201970	2018338855	<u>C10G 15 /-</u>
			<u>C07D 251 /-</u>	2022202241	2016256749
			2017388466	<u>C07F 9 /-</u>	<u>C10G 45 /-</u>
				2018227849	

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2016256749	<u>C23C 24 /-</u>	<u>E04H 15 /-</u>	<u>E21D 9 /-</u>	<u>F26B 21 /-</u>	2016270858
<u>C10J 3 /-</u>	2018433633	2019382037	2020264331	2019286084	2016282898
2018396957	<u>C23F 13 /-</u>	2021204699			2016338540
<u>C10L 5 /-</u>	2019275613	<u>E05B 47 /-</u>	<u>F03G 4 /-</u>	<u>F26B 3 /-</u>	2016367703
2019286084	<u>C25B 1 /-</u>	2019252796	2016326716	2019286084	2017264546
<u>C10L 9 /-</u>	2017295716	2022202012	<u>F03G 7 /-</u>	<u>F27B 1 /-</u>	2018212272
2019286084	<u>C25B 15 /-</u>	<u>E05B 63 /-</u>	2016326716	2017276721	2018315053
<u>C12G 3 /-</u>	2017295716	2016313392	<u>F16B 12 /-</u>	<u>F27D 17 /-</u>	2018351846
2020250206	<u>C25D 21 /-</u>	<u>E05B 65 /-</u>	2019376271	2017276721	2021202147
<u>C12H 1 /-</u>	2017295870	2016313392	<u>F16B 13 /-</u>	<u>F28D 19 /-</u>	<u>G01N 35 /-</u>
2019237002	<u>C25D 3 /-</u>	<u>E05B 9 /-</u>	2016369657	2017313655	2017220028
<u>C12L 11 /-</u>	2017295870	2019252796	<u>F16L 27 /-</u>	<u>F41H 1 /-</u>	<u>G01R 27 /-</u>
2019237002	<u>C25D 5 /-</u>	<u>E05C 19 /-</u>	2020250256	2020221758	<u>G01R 31 /-</u>
<u>C12M 1 /-</u>	2017295870	2016313392	<u>F16L 47 /-</u>	<u>F41H 5 /-</u>	2018215802
2017232340	<u>C30B 7 /-</u>	<u>E06B 9 /-</u>	2019446744	2020221758	<u>G01R 31 /-</u>
<u>C12N 1 /-</u>	2019364089	2016346328	<u>F23C 7 /-</u>	<u>G01F 22 /-</u>	2019413696
2016362540	<u>D05C 15 /-</u>	2017201043	2018396957	2019313596	<u>G01S 17 /-</u>
2017322897	2019228335	2022202012	<u>F23G 7 /-</u>	<u>G01F 23 /-</u>	2019395668
2020200379	<u>D06F 39 /-</u>	<u>E21B 17 /-</u>	2018351846	2018244015	<u>G01V 3 /-</u>
<u>C12N 15 /-</u>	2020204364	2021201206	<u>F24D 17 /-</u>	2019313596	2016406342
2016244027	2020204364	2017279451	2018402350	<u>G01F 25 /-</u>	<u>G01W 1 /-</u>
2016247922	<u>D06F 58 /-</u>	2018351846	<u>F24F 1 /-</u>	2019313596	2017208058
2016248995	2018380774	<u>E21B 23 /-</u>	2018337546	<u>G01G 13 /-</u>	<u>G02B 1 /-</u>
2016273343	2020204364	2021201206	2018437601	2018207928	2019461220
2017322897	<u>D06M 15 /-</u>	<u>E21B 33 /-</u>	<u>F24F 11 /-</u>	<u>G01G 17 /-</u>	<u>G02B 6 /-</u>
2018315053	2019217100	2018351846	2018437601	2017208058	2019461220
2018338855	<u>E02F 9 /-</u>	2019394664	<u>F24F 13 /-</u>	<u>G01G 19 /-</u>	<u>G02C 13 /-</u>
2020200379	2017265054	<u>E21B 34 /-</u>	2018337546	2018207928	2017287528
<u>C12N 9 /-</u>	2021200371	2018351846	2018437601	<u>G01L 5 /-</u>	<u>G02C 7 /-</u>
2016273343	<u>E04B 1 /-</u>	<u>E21B 43 /-</u>	<u>F24F 7 /-</u>	2019309920	<u>G02F 1 /-</u>
2017322897	2017202250	2016326716	2016202363	<u>G01N 21 /-</u>	2016346328
2018250886	<u>E04B 2 /-</u>	2021201206	<u>F24S 60 /-</u>	2018315053	<u>G05B 19 /-</u>
2018338855	2017202250	<u>E21B 47 /-</u>	2018402350	<u>G01N 27 /-</u>	2017279451
<u>C12P 19 /-</u>	<u>E04C 5 /-</u>	2016406342	<u>F24T 10 /-</u>	2016367703	<u>G05D 1 /-</u>
2016248995	2019275613	2018351846	2016326716	2017232340	2017265054
<u>C12P 7 /-</u>	2021221924	<u>E21D 19 /-</u>	<u>F24V 40 /-</u>	<u>G01N 3 /-</u>	2021200371
2017322897	<u>E04D 13 /-</u>	2020264331	2016326716	2021203062	2021200891
<u>C12Q 1 /-</u>	2016202363	<u>E21D 20 /-</u>	2016326716	<u>G01N 30 /-</u>	<u>G05F 1 /-</u>
2016248995	<u>E04G 21 /-</u>	2016369657	<u>F25B 30 /-</u>	2021202147	2018215802
2017232340	2021221924	2020264331	2017261902	<u>G01N 33 /-</u>	<u>G06F 16 /-</u>
2018212272		<u>E21D 21 /-</u>			2017322114
2018281196		2016369657			
2019221691		2020264331			
2021277704					
<u>C21B 13 /-</u>					
2017276721		2016369657			

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2018422609	2017377937	<u>H04B 10 /-</u>	<u>H04W 88 /-</u>
2021201044			
<u>G06F 21 /-</u>	<u>G09B 17 /-</u>	2020201440	2018215802
	2020315795	<u>H04B 7 /-</u>	
2018287526			
2021201071	<u>G09B 5 /-</u>	2017297427	
		2020337008	
<u>G06F 3 /-</u>	2020315795	<u>H04L 12 /-</u>	
2016326742	<u>G10L 19 /-</u>		
2017205231		2017308511	
2017322114	2021290344		
2017332710		<u>H04L 67 /-</u>	
2017387781	<u>G10L 21 /-</u>		
2021203636		2018287526	
	2020315795	<u>H04L 9 /-</u>	
<u>G06F 40 /-</u>	<u>G16C 10 /-</u>		
		2017320341	
2021201071	2017387781	2018287526	
<u>G06F 7 /-</u>	<u>G16H 50 /-</u>	<u>H04M 1 /-</u>	
2017332710	2021201071	2020222859	
<u>G06F 9 /-</u>	<u>H01B 3 /-</u>	<u>H04M 19 /-</u>	
2018287526	2019290964	2018215802	
<u>G06K 9 /-</u>	<u>H01H 73 /-</u>	<u>H04M 3 /-</u>	
2018210818	2019386913	2021202017	
2019312657			
2020309090	<u>H01H 83 /-</u>	<u>H04N 19 /-</u>	
<u>G06N 20 /-</u>			
	2019386913	2021201048	
2021201044	<u>H01L 31 /-</u>	2021203017	
2021201071		<u>H04N 21 /-</u>	
<u>G06N 3 /-</u>	2017303233		
	2020267316	2019325964	
2021201044	<u>H01L 51 /-</u>	<u>H04N 5 /-</u>	
<u>G06N 5 /-</u>			
	2017303233	2017204215	
2021201044	<u>H01M 8 /-</u>	2018432003	
<u>G06Q 30 /-</u>		2020315795	
	2017295716	<u>H04N 7 /-</u>	
2016321238	2018433633		
2017205231	<u>H01Q 1 /-</u>	2017298381	
<u>G06T 11 /-</u>		2021202017	
	2020222859	<u>H04W 12 /-</u>	
2017387781	<u>H01Q 3 /-</u>		
<u>G06T 19 /-</u>		2018222744	
	2020337008	2018287526	
2017387781	<u>H01Q 9 /-</u>	<u>H04W 52 /-</u>	
<u>G06T 5 /-</u>			
	2020222859	2018215802	
2021201048	<u>H02H 9 /-</u>	2021209147	
<u>G06V 10 /-</u>		<u>H04W 72 /-</u>	
	2018215802	2016428457	
2017204215	<u>H02K 1 /-</u>	<u>H04W 76 /-</u>	
<u>G06V 30 /-</u>			
	2018281935	2018218738	
2021201071	<u>H02K 15 /-</u>	<u>H04W 80 /-</u>	
<u>G07F 11 /-</u>			
	2018281935	2018218738	

Certified Innovation Patents**Name Index**

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

(71) CSR Building Products Limited
(11) AU-B-2021106901
(21) 2021106901 (22) 24.08.2021
(54) FIXING OF BATTENS TO A SUB-
STRUCTURE
(51) Int. Cl.
E04F 13/08 (2006.01)
(45) 28.04.2022
(72) Gow, Michael John
(74) Griffith Hack

Numerical Index

2021106901 CSR Building Products Limited

IPC Index

E04F 13 /-

2021106901

Patents Granted

Standard Patents

2016279827 2016297922 2016357756 2017301880
 2018260314 2018279332 2019210647 2019389180
 2020200656 2020239682 2020294337

Innovation Patents

2017101925 2020104474 2021102727 2021102779
 2021102805 2021102811 2021103165 2021103219
 2021103650 2021103684 2021103789 2021103909
 2021103910 2021103935 2021103992 2021104043
 2021104075 2021104076 2021104125 2021104160
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 2021104758 2021104764 2021104765 2021104767
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 2021104891 2021104977 2021105021 2021105087
 2021105102 2021105103 2021105148 2021105177
 2021107660 2022100050 2022100051 2022100053

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 08.04.2022, Patent 2021104020 in the name of **Southwest University** has been revoked in relation to Revoked by Commissioner under Section s101F(3) of the Patents Act.

Assignments Registered

2006280600 Korea Advanced Institute of Science and Technology; Samyang Biopharmaceuticals Corporation; Bioneer Corporation The patent has been assigned to **Korea Advanced Institute of Science and Technology; Bioneer Corporation**

2008288346 Novus Spain, S.A. The patent has been assigned to **EW NUTRITION CAROTENOID TECHNOLOGIES, S.A.**

2010241484 YESCO Electronics, LLC The patent has been assigned to **Samsung Electronics Co., Ltd.**

2012276703 Hagihara Industries Inc. The patent has been assigned to **BarChip Inc.**

2012284875 GC Corporation; Honda Electronics Co., Ltd.; SHOWA UNIVERSITY The patent has been assigned to **SHOWA UNIVERSITY**

2013268740 SHOWA UNIVERSITY; GC Corporation; Honda Electronics Co., Ltd. The patent has been assigned to **SHOWA UNIVERSITY**

2013346898 Perpetuum Ltd The patent has been assigned to **Hitachi Rail Limited**

2014280235 Nuabiome Limited The patent has been assigned to **Anabio Technologies Limited**

2014295084 CeramTec-ETEC GmbH The patent has been assigned to **Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.**

2015261897 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2015299202 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

Assignments Registered

2015352801 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2015367632 Nuabiome Limited The patent has been assigned to **Anabio Technologies Limited**

2015377922 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2015402762 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2016222269 Gillatt Family Investments Pty Ltd The patent has been assigned to **Rhino Play Pty. Ltd.**

2016228967 Curtin University The patent has been assigned to **Mining and Process Solutions Pty Ltd**

2016265469 Nuabiome Limited The patent has been assigned to **Anabio Technologies Limited**

2016270236 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2016287195 Perpetuum Ltd The patent has been assigned to **Hitachi Rail Limited**

2016318551 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2016320216 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2016371681 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2016389466 Ideya Labs, LLC The patent has been assigned to **Blendtec, Inc.**

2017210307 Lifebridge Health, Inc. The patent has been assigned to **Lifebridge Innovations, LLC**

2017254688 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2017258523 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2017258619 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2017318311 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2017329752 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2017386515 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2017394644 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2017394645 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2018208462 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2018210944 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

Assignments Registered

2018222944 Clariant International Ltd The patent has been assigned to **Clariant Produkte (Deutschland) GmbH**

2018302034 Omniome, Inc. The patent has been assigned to **Pacific Biosciences of California, Inc.**

2019206052 Ideya Labs, LLC The patent has been assigned to **Blendtec, Inc.**

2019211351 Hexion Inc. The patent has been assigned to **Bakelite UK Holding Ltd.**

Corrigenda

In Vol 36 , No 1 , Page(s) 104 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Novartis AG, Application No. 2020278236, under INID (54) correct the title to read Methods of treating Sjögren's Syndrome using a Bruton's tyrosine kinase inhibitor

In Vol 36 , No 16 , Page(s) 2332 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018202950.

In Vol 36 , No 16 , Page(s) 2332 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2022** Delete all reference to 2022202328.

In Vol 36 , No 16 , Page(s) 2335 under the heading **Amendments - Application for Amendments** Under the name Nokia Technologies Oy, Patent Application No. 2018430794 correct the date of the statements filed to read 30 March 2022 and 5 April 2022

In Vol 36 , No 16 , Page(s) 2401 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name Shandong University, Application No. 2021219738, under INID (72) add co-inventor FANG, Yang

In Vol 36 , No 5 , Page(s) 566 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018214429.

Specifications Republished

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

2017209221 **China Petroleum & Chemical Corporation; Sinopec Southwest Oil & Gas Company**
2018284052 **Heptares Therapeutics Limited**
2018355462 **Regents of the University of Minnesota; Wu, J.; Walcheck, B.; Hullsiek, R.; Yungfang, L.; Mishra, H.**
2020200995 **Gilead Sciences, Inc.**