



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

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Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

B) Complete application filed - Name Index
The <u>name</u> of the applicant
The <u>number</u> assigned to the application
The <u>date</u> of filing
Title of the invention
<u>Number</u> of priority document(s) if any
<u>Date(s)</u> of filing of priority documents
<u>Country</u> of which priority documents filed
PCT application <u>number</u>

<u>ITEM</u>	<u>INID No.</u>	<u>ITEM</u>	<u>INID</u>
	<u>No.</u>		<u>No.</u>

C) Applications open to public inspection Name Index	D) Applications accepted - Name Index
The <u>name</u> of the applicant	The <u>name</u> of the applicant
The <u>number</u> of the document	The <u>number</u> of the document
The <u>number</u> assigned to the application	The <u>number</u> of the accepted document
The <u>date</u> of filing	The <u>number</u> assigned to the application
The <u>title</u>	The <u>date</u> of filing
The <u>classification marks</u>	The <u>title</u>
Priority document <u>number(s)</u>	The <u>classification marks</u>
<u>Date</u> of filing of priority document(s)	PCT publication <u>number</u>
<u>Country</u> in which priority document filed	Priority document <u>number</u>
Publication <u>date</u> of unexamined document	<u>Date</u> of filing of priority document(s)
Inventors names if known	<u>Country</u> in which priority document filed
<u>Patent Attorneys</u>	Publication <u>date</u> of unexamined document

<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)
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The <u>number</u> assigned to the application	(21)
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<u>The date</u> of filing	(22)
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The <u>title</u>	(54)
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The <u>classification marks</u>	(51)
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Priority document <u>number</u>	(31)
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<u>Date</u> of filing of priority document(s)	(32)
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<u>Country</u> in which priority document filed	(33)
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Publication <u>date</u> of granted patent	(45)
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Inventors names	(72)
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<u>Patent Attorneys</u>	(74)
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Related by division	(62)
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You will notice at each stage of following application through that all applications are in alphabetical order of **Applicant**, not inventor.

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.
- (4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

- 1987-2022 Volume 1 - 36
- 2023 - Volume 57 -

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 22 February 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Zoetis Services LLC v Boehringer Ingelheim Vetmedica GmbH [2024] APO 4

Patent Application: 2017245601 and
Innovation Patent: 2020102685

Title: Use of pimobendan for the reduction of heart size and/or the delay of onset of clinical symptoms in patients with asymptomatic heart failure due to mitral valve disease

Patent Applicant: Boehringer Ingelheim Vetmedica GmbH

Opponent: Zoetis Services LLC

Delegate: L. F. McCaffery

Decision Date: 8 February 2024

Hearing Date: 18 and 19 July 2023, in Canberra.

Catchwords: **PATENTS** – opposition to the grant of a patent under section 59 to a standard application – opposition under section 101M to an Innovation Patent – treatment of a patient group with a known pharmaceutical – novelty – prior use – inventive step – bonus effect – support – clarity – clear enough and complete enough disclosure – utility – manner of manufacture – opposition successful on inventive step – other grounds of opposition unsuccessful – costs – opposition under section 101M is concluded – applicant given the opportunity to propose amendments to the standard application.

Representation:
Counsel for the applicant: Clare Cunliffe
Patent attorney for the applicant: Marcus Caulfield of FB Rice Pty Ltd
Counsel for the opponent: Patrick Flynn SC and Ben Mee
Patent attorney for the opponent: Duncan Longstaff and Andrew Rankine of Spruson & Ferguson Lawyers

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 22 February 2024

IP AUSTRALIA
AUSTRALIAN PATENT OFFICE

TCT Group Pty Ltd v Polaris IP Pty Ltd [2024] APO 5

Patent Application: 2017201858
Title: Hinge
Patent Applicant: Polaris IP Pty Ltd
Requestor/Opponent: TCT Group Pty Ltd
Delegate: Dr W.E. Guinea
Decision Date: 9 February 2024
Hearing Date: 24 August 2023, in Canberra, by videoconference

Catchwords: **PATENTS** – s59 – novelty – no claims found to lack novelty – inventive step – no claims found to lack inventive step – s40(2)(a) clear enough and complete disclosure – lack of clear enough and complete enough disclosure for all claims – s40(3) support – lack of support for all claims – utility – no claims found to lack utility – costs – opposition successful – further submissions sought on award of costs

Representation:
Counsel for the Applicant: Andrew Fox SC
Patent Attorney for the Applicant: Simon Reynolds and David Müller-Wiesner of GLMR
Counsel for the Opponent: Gilbert Tsang
Patent attorney for the Opponent: Philip Gehrig of Wrays

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 22 February 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Yeti Civil Products Pty Ltd v Orca Civil Products Pty Ltd [2024] APO 6

Patent:	2022100189
Title:	Improved Grate and Method of Manufacture (2)
Patentee:	Orca Civil Products Pty Ltd
Opponent:	Yeti Civil Products Pty Ltd
Delegate:	Dr N. R. Madsen – Deputy Commissioner of Patents
Decision Date:	9 February 2024
Hearing Date:	Written submissions completed on 10 January 2024
Catchwords:	PATENTS – opposition under section 104 – grates for use in areas of foot traffic – opposition to allowability under subsection 102(1) and 102(2) considered – whether as a result of the amendments, the specification would claim or disclose matter that extends beyond that disclosed in the specification as filed – whether as a result of the amendments, the claims would not be supported – constructions of features – amendment allowable – issues do not arise as a result of the amendment – costs awarded against opponent
Representation:	Patent attorney for the patentee: Jones Tulloch Patent attorney for the opponent: Alder IP

AUSTRALIAN OFFICIAL JOURNAL OF PATENTS 22 February 2024

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

TCT Group Pty Ltd v Brolock Pty Ltd [2024] APO 7

Patent Application: 2021271942

Title: A Hinge

Patent Applicant: Brolock Pty Ltd

Opponent: TCT Group Pty Ltd

Delegate: D. S. Triffett

Decision Date: 9 February 2024

Hearing Date: Written submissions completed on 17 November 2023.

Catchwords: **PATENTS** – consideration of allowability of amendments under section 102 – s 102(1) whether the amendments extend beyond the disclosure as filed – s 102(2)(a) whether, as a result of the amendment, a claim would not in substance fall within the scope of the claims of the specification before amendment – s 102(2)(b) whether, as a result of the amendments, the claims are not clear and not supported – opposition unsuccessful – amendments are allowable – costs awarded.

Representation: Patent attorney for the applicant: Adams Pluck

Patent attorney for the opponent: Wrays 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 6 Feb 2024 .

(71) 2 DRBH Pty Limited (21) 2024900305 (22) 09.02.2024 (54) SOLVENT DISPENSING DEVICE	(71) Borg, J.; Thomas, K. (21) 2024900325 (22) 12.02.2024 (54) Pneumatic Coupling	(71) Curtin University (21) 2024900340 (22) 14.02.2024 (54) Method of Electrolysis and System for Generating Hydrogen
(71) 2 DRBH Pty Limited (21) 2024900306 (22) 09.02.2024 (54) TURBO FLUID DISPENSING DEVICE	(71) Breville Pty Limited (21) 2024900279 (22) 07.02.2024 (54) A texturing assembly	(71) Entegra Trading Pty Ltd (21) 2024900297 (22) 08.02.2024 (54) Curved Roof Structure
(71) 2 DRBH Pty Limited (21) 2024900307 (22) 09.02.2024 (54) FLUID OR AEROSOL DISPENSING DEVICE	(71) Buildsafe Equipment Sales Pty Ltd (21) 2024900330 (22) 13.02.2024 (54) A Walkway Board Assembly	(71) Ezy Hold Pty Ltd (21) 2024900282 (22) 07.02.2024 (54) Method and system for anchoring umbrellas and the like
(71) 2 DRBH Pty Limited (21) 2024900308 (22) 09.02.2024 (54) FLUID OR AEROSOL DISPENSING DEVICE	Burns, M.A. see Burns, P.M. (21) 2024900322	Fernando, N. see Moore, N. (21) 2024900312
(71) Able Arms Group (21) 2024900328 (22) 13.02.2024 (54) ABLE Arms	(71) Burns, P.M.; Burns, M.A. (21) 2024900322 (22) 12.02.2024 (54) FENCE DROPPER	(71) Fliteboard Pty Ltd (21) 2024900321 (22) 12.02.2024 (54) Hydrofoil watercraft
(71) Arakel, A.; Pact Renewables Pty Ltd (21) 2024900298 (22) 08.02.2024 (54) Variable Solubility Potash Fertilisers and Methods of Production	(71) Callaghan, P. (21) 2024900309 (22) 09.02.2024 (54) SYSTEM AND METHOD FOR FACILITATING TRANSACTIONS USING REDEEMABLE COUPONS	(71) Forest Springs Co. Pty Ltd (21) 2024900294 (22) 08.02.2024 (54) High strength underground mine services support bracket
(71) Arthurson, C. (21) 2024900299 (22) 08.02.2024 (54) A method for loading a speargun	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2024900310 (22) 09.02.2024 (54) X-ray pest detection	(71) Formo Bio GmbH (21) 2024900335 (22) 13.02.2024 (54) BLG Processes
(71) BLITZ SYSTEMS PTY LTD (21) 2024900290 (22) 08.02.2024 (54) Support Structure & Assembly	(71) CSL Innovation Pty Ltd (21) 2024900302 (22) 09.02.2024 (54) Methods of delaying progression or hindering development of surgery-associated systemic inflammation	(71) Green, G. (21) 2024900327 (22) 12.02.2024 (54) FORCE FOCUSING DEVICE
(71) BlueScope Steel Limited (21) 2024900291 (22) 08.02.2024 (54) Coating formulation	(71) CSR Building Products Limited (21) 2024900278 (22) 07.02.2024 (54) VENTILATOR EMBER GUARD	(71) GUNDLACH, D. (21) 2024900296 (22) 08.02.2024 (54) Surf Skate Device

Provisional Applications Filed - Name Index cont'd

- (71) Heinrich, B.
 (21) 2024900289 (22) 06.02.2024
 (54) UNDERWATER TURBINE IMPROVED
 UNDERWATER TURBINE PRO-
 PELLER
-
- (71) HydroVim IP Pty Ltd
 (21) 2024900280 (22) 07.02.2024
 (54) Balcony Edge Drainage System
-
- Jordan, W. see Stewart, A.**
 (21) 2024900301
-
- (71) Kallipr IP Pty Ltd
 (21) 2024900319 (22) 12.02.2024
 (54) Edge device
-
- (71) KANDASAMY, I.
 (21) 2024900303 (22) 09.02.2024
 (54) Making use of the Heat Resistant Prop-
 erties of Seed Pods
-
- (71) Laso Pty Ltd
 (21) 2024900315 (22) 10.02.2024
 (54) Maximising in-stadia usage of seating
 and LED signage
-
- (71) Launceston Plumbing & Gas Pty Ltd
 (21) 2024900320 (22) 12.02.2024
 (54) Socket attachment and driver bit for use
 therewith
-
- (71) LBC Enterprises Pty Ltd
 (21) 2024900304 (22) 09.02.2024
 (54) Method for Managing Access to an Ac-
 count and Related Methods
-
- (71) LBC Enterprises Pty Ltd
 (21) 2024900317 (22) 11.02.2024
 (54) User Authentication on a Head Moun-
 ted Display Device Using Biometrics
 and Related Methods
-
- (71) Li, D.L.
 (21) 2024900316 (22) 10.02.2024
 (54) Clothes Hangers or Clothing hangers
-
- (71) Matrix Composites & Engineering Ltd
 (21) 2024900314 (22) 09.02.2024
 (54) Apparatus For Forming A Centraliser
-
- (71) MINDSETS LEARNING, INC.
 (21) 2024900288 (22) 08.02.2024
 (54) A SYSTEM, METHOD AND AL-
 GORITHMS FOR K12 SCHOOL DIS-
 TRICTS AND FAMILIES TO MEASURE
 AND VISUALIZE STUDENT ACHIEVE-
 MENT AND STUDENT POTENTIAL
 BASED ON THE STANDARDS FOR
-
- MATHEMATICAL PRACTICE AND TO
 IMPROVE LEARNING OUTCOMES.
-
- (71) Mobilitee PTY LTD
 (21) 2024900318 (22) 11.02.2024
 (54) A muscular stretching device aimed for
 the use in the workplace
-
- (71) Moore, N.; Fernando, N.
 (21) 2024900312 (22) 09.02.2024
 (54) Medical monitoring garment
-
- (71) MORTON MINING SOLUTIONS PTY
 LTD
 (21) 2024900323 (22) 12.02.2024
 (54) A BUCKET MAINTENANCE PLAT-
 FORM AND METHOD OF USE
-
- (71) Nourish Ingredients Pty Ltd
 (21) 2024900326 (22) 12.02.2024
 (54) Short chain lipids
-
- Pact Renewables Pty Ltd see Arakel, A.**
 (21) 2024900298
-
- (71) Palmaya Pty Ltd
 (21) 2024900336 (22) 13.02.2024
 (54) Patient Controlled Administration Meth-
 ods to Deliver a Partial Agonist
-
- (71) Patterson, n.
 (21) 2024900313 (22) 09.02.2024
 (54) SYSTEM TO ASSES TONAL QUALIT-
 IES OF THE VOICE
-
- (71) Q P Holdings Limited
 (21) 2024900333 (22) 13.02.2024
 (54) PROTECTIVE CUP AND BRA
-
- (71) QuantX Labs Pty Ltd
 (21) 2024900283 (22) 07.02.2024
 (54) FREQUENCY STABILIZATION SYS-
 TEM AND METHOD
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- ResMed Asia Pte. Ltd. see ResMed Pty Ltd**
 (21) 2024900329
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- (71) ResMed Pty Ltd; ResMed Asia Pte. Ltd.
 (21) 2024900329 (22) 13.02.2024
 (54) PATIENT INTERFACE
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- (71) Rollease Acmeda, Inc.
 (21) 2024900281 (22) 07.02.2024
 (54) Tensioning device
-
- (71) Sabeti, S.
 (21) 2024900287 (22) 07.02.2024
 (54) Cushioning Pad
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- (71) Shadewing Australia Pty Ltd
 (21) 2024900334 (22) 13.02.2024
 (54) Adjustable automotive awning mounting
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- (71) Signature Orthopaedics Europe Ltd.
 (21) 2024900292 (22) 08.02.2024
 (54) A torsion locking interface for an ortho-
 paedic implant taper interlock
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- (71) Signature Orthopaedics Europe Ltd.
 (21) 2024900293 (22) 08.02.2024
 (54) An osseointegration augment
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- (71) Slater, I.
 (21) 2024900311 (22) 09.02.2024
 (54) AI Integrated, comprehensive and hol-
 istic cytometry data overview and ana-
 lysis using FlowLogic TM
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- (71) SONIA GREEN TECHNOLOGY PTY
 LTD
 (21) 2024900284 (22) 07.02.2024
 (54) METHOD OF PRODUCING A MOD-
 IFIED BINDER AND COMPOSITION
 THEREOF
-
- (71) Southern Seawall Solutions Pty Limited
 (21) 2024900285 (22) 07.02.2024
 (54) WALL MODULES AND METHODS OF
 FABRICATING WALL MODULES
-
- (71) Stewart, A.; Jordan, W.
 (21) 2024900301 (22) 09.02.2024
 (54) APPARATUS, ACCESSORY AND
 METHOD FOR HANDLING AS-
 SEMBLED SWITCH, TURNOUT OR
 CROSSING SECTION CONSISTING
 OF RAILS FASTENED TO BEARERS
-
- (71) Stewart, S.
 (21) 2024900332 (22) 13.02.2024
 (54) Inertia Drive
-
- (71) Supercore Pty Ltd
 (21) 2024900341 (22) 14.02.2024
 (54) COMPRESSION GARMENT
-
- (71) The Council of the Queensland Institute
 of Medical Research
 (21) 2024900337 (22) 13.02.2024
 (54) PROGNOSTIC SIGNATURE
-
- (71) The University of Adelaide
 (21) 2024900324 (22) 12.02.2024
 (54) METHOD AND AGENT FOR TREAT-
 ING MONOGENIC DISEASE

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(71) The University of Melbourne
(21) 2024900331 (22) 13.02.2024
(54) Nanoparticles

Thomas, K. see Borg, J.
(21) 2024900325

(71) Tower Garage Doors Pty Ltd
(21) 2024900295 (22) 08.02.2024
(54) A garage door and a bracket for a garage door

(71) Vucic, P.
(21) 2024900300 (22) 09.02.2024
(54) Tearaway type protective film and/or techniques on glass and transparent surfaces.

(71) Western Sydney University
(21) 2024900286 (22) 07.02.2024
(54) Endoluminal drug delivery device

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2024900278	CSR Building Products Limited
2024900279	Breville Pty Limited
2024900280	HydroVim IP Pty Ltd
2024900281	Rollease Acmeda, Inc.
2024900282	Ezy Hold Pty Ltd
2024900283	QuantX Labs Pty Ltd
2024900284	SONIA GREEN TECHNOLOGY PTY LTD
2024900285	Southern Seawall Solutions Pty Limited
2024900286	Western Sydney University
2024900287	Sabeti, S.
2024900288	MINDSETS LEARNING, INC.
2024900289	Heinrich, B.
2024900290	BLITZ SYSTEMS PTY LTD
2024900291	BlueScope Steel Limited
2024900292	Signature Orthopaedics Europe Ltd.
2024900293	Signature Orthopaedics Europe Ltd.
2024900294	Forest Springs Co. Pty Ltd
2024900295	Tower Garage Doors Pty Ltd
2024900296	GUNDLACH, D.
2024900297	Entegra Trading Pty Ltd
2024900298	Arakel, A.; Pact Renewables Pty Ltd
2024900299	Arthurson, C.
2024900300	Vucic, P.
2024900301	Stewart, A.; Jordan, W.
2024900302	CSL Innovation Pty Ltd
2024900303	KANDASAMY, I.
2024900304	LBC Enterprises Pty Ltd
2024900305	2 DRBH Pty Limited
2024900306	2 DRBH Pty Limited
2024900307	2 DRBH Pty Limited
2024900308	2 DRBH Pty Limited
2024900309	Callaghan, P.
2024900310	Commonwealth Scientific and Industrial Research Organisation
2024900311	Slater, I.
2024900312	Moore, N.; Fernando, N.
2024900313	Patterson, n.
2024900314	Matrix Composites & Engineering Ltd
2024900315	Laso Pty Ltd
2024900316	Li, D.L.
2024900317	LBC Enterprises Pty Ltd
2024900318	Mobilitree PTY LTD
2024900319	Kallipr IP Pty Ltd
2024900320	Launceston Plumbing & Gas Pty Ltd
2024900321	Fliteboard Pty Ltd
2024900322	Burns, P.M.; Burns, M.A.
2024900323	MORTON MINING SOLUTIONS PTY LTD
2024900324	The University of Adelaide
2024900325	Borg, J.; Thomas, K.
2024900326	Nourish Ingredients Pty Ltd
2024900327	Green, G.
2024900328	Able Arms Group
2024900329	ResMed Pty Ltd; ResMed Asia Pte. Ltd.
2024900330	Buildsafe Equipment Sales Pty Ltd
2024900331	The University of Melbourne
2024900332	Stewart, S.
2024900333	Q P Holdings Limited
2024900334	Shadewing Australia Pty Ltd
2024900335	Formo Bio GmbH
2024900336	Palmaya Pty Ltd
2024900337	The Council of the Queensland Institute of Medical Research
2024900340	Curtin University
2024900341	Supercore Pty Ltd

Complete Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 6 Feb 2024 .

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

(71) 7-ELEVEN, INC. (21) 2024200905 (22) 13.02.2024 (54) SYSTEM AND METHOD FOR DETERMINING PRODUCT COUNT INFORMATION USING MAGNETIC SENSORS	(21) 2024200850 (71) Ag Growth International Inc. (21) 2024200827 (22) 09.02.2024 (54) Drive System for Paddle Belt Conveyor	(71) Apple Inc. (21) 2024200819 (22) 09.02.2024 (54) User interface camera effects
(71) 7-ELEVEN, INC. (21) 2024200906 (22) 13.02.2024 (54) SYSTEM AND METHOD FOR DETERMINING PRODUCT THEFT INFORMATION USING MAGNETIC SENSORS	 (71) Alnylam Pharmaceuticals, Inc. (21) 2024200743 (22) 07.02.2024 (54) Endosomal cleavable linkers	 (71) Apple Inc. (21) 2024200829 (22) 09.02.2024 (54) User interfaces for messages
(71) 7-ELEVEN, INC. (21) 2024200907 (22) 13.02.2024 (54) SYSTEM AND METHOD FOR ELECTRONICALLY ASSOCIATING AN ITEM TO A RACK THAT STORES THE ITEM	 (71) Alnylam Pharmaceuticals, Inc. (21) 2024200870 (22) 12.02.2024 (54) Apolipoprotein C3 (APOC3) siRNA compositions and methods of use thereof	 (71) Applied Hybrid Energy Pty Ltd (21) 2024200939 (22) 14.02.2024 (54) ENERGY CONTROL AND GENERATION METHOD AND SYSTEM
(71) 7-ELEVEN, INC. (21) 2024200908 (22) 13.02.2024 (54) SYSTEM AND METHOD FOR ELECTRONICALLY CHECKING PLANOGRAM CONFORMANCE OF AN ITEM	 (71) Amgen Inc. (21) 2024200758 (22) 07.02.2024 (54) Method of treating or ameliorating metabolic disorders using binding proteins for gastric inhibitory peptide receptor (GIPR) in combination with GLP-1 agonists	 (71) Aquaterra Energy Limited (21) 2024200867 (22) 12.02.2024 (54) A Process for Vertical Well Re-entry
(71) 7-ELEVEN, INC. (21) 2024200919 (22) 13.02.2024 (54) SYSTEM AND METHOD FOR ELECTRONICALLY DETERMINING CORRECT PRODUCT PLACEMENT OF ITEMS	 (71) Amgen Inc. (21) 2024200795 (22) 08.02.2024 (54) Drug delivery device	 (71) Aquis Systems AG (21) 2024200775 (22) 08.02.2024 (54) Water treatment unit and method of cleaning a water treatment unit
(71) 7-ELEVEN, INC. (21) 2024200920 (22) 13.02.2024 (54) SYSTEM AND METHOD FOR DETERMINING AN ITEM COUNT IN A RACK USING MAGNETIC SENSORS	 (71) Angel Group Co., Ltd. (21) 2024200753 (22) 07.02.2024 (54) TABLE GAME MANAGEMENT SYSTEM AND GAME TOKEN	 (71) Aristocrat Technologies Australia Pty Limited (21) 2024200769 (22) 07.02.2024 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
(71) Abbott Diabetes Care Inc. (21) 2024200759 (22) 07.02.2024 (54) Analyte sensors and sensing methods for the detection of alcohol	 (71) Angel Group Co., Ltd. (21) 2024200895 (22) 13.02.2024 (54) Management system	 (71) Aristocrat Technologies Australia Pty Limited (21) 2024200831 (22) 09.02.2024 (54) A GAMING SYSTEM AND METHOD OF GAMING
(71) Adobe Inc. (21) 2024200886 (22) 12.02.2024 (54) STRUCTURED DOCUMENT GENERATION FROM TEXT PROMPTS	 (71) Apple Inc. (21) 2024200297 (22) 17.01.2024 (54) User interfaces for managing an account	 (71) Aristocrat Technologies Australia Pty Limited (21) 2024200858 (22) 09.02.2024 (54) A Gaming System and a Method of Gaming
Advanced Accelerator Applications (Italy) Srl see The Johns Hopkins University	 (71) Apple Inc. (21) 2024200812 (22) 09.02.2024 (54) Column interface for navigating in a user interface	 (71) Aristocrat Technologies Australia Pty Limited (21) 2024200918 (22) 13.02.2024 (54) A METHOD OF GAMING, A GAMING SYSTEM AND A GAME CONTROLLER
		 (71) ARK Corporation Pty Ltd (21) 2024200763 (22) 07.02.2024

Complete Applications Filed - Name Index cont'd

- (54) Trailer connector
-
- (71) Avacta Life Sciences Limited
(21) 2024200938 (22) 14.02.2024
(54) PD-L1 binding affimers, and uses related thereto
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- (71) Beijing Tусен Weilai Technology Co., Ltd.
(21) 2024200830 (22) 09.02.2024
(54) Automatic driving system
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- (71) Biofouling Technologies, Inc.
(21) 2024200897 (22) 13.02.2024
(54) Durable biofouling protection
-
- (71) Biology Institute of Shandong Academy of Sciences; Flinders University
(21) 2024200803 (22) 08.02.2024
(54) METHOD OF SEA CUCUMBER PROCESSING BASED ON ANHYDROUS PRE-TREATMENT AND CONSUMPTION METHOD
-
- (71) Blue Ocean Seismic Services Limited
(21) 2024200912 (22) 13.02.2024
(54) An autonomous data acquisition system and method
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- (71) Bluescope Steel Limited
(21) 2024200834 (22) 09.02.2024
(54) Metal-coated steel strip
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- (71) Boldan Oy
(21) 2024200900 (22) 13.02.2024
(54) A guide for guiding an inflatable bladder within a pipeline and a bladder assembly
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- (71) Boston Scientific Scimed, Inc.
(21) 2024200782 (22) 08.02.2024
(54) Medical device transportation systems
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- (71) Brock USA, LLC
(21) 2024200909 (22) 13.02.2024
(54) Infill for artificial turf system
-
- (71) Canon Kabushiki Kaisha
(21) 2024200755 (22) 07.02.2024
(54) Cartridge, attachment, and mounting kit
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- (71) Canva Pty Ltd
(21) 2024200856 (22) 09.02.2024
(54) Systems and methods for synchronizing visual content to audio
-
- (71) Capital One Services, LLC
(21) 2024200833 (22) 09.02.2024
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- (54) First factor contactless card authentication system and method
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- (71) Capital One Services, LLC
(21) 2024200836 (22) 09.02.2024
(54) Techniques for call authentication
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- Children's Medical Center Corporation see Dana-Farber Cancer Institute, Inc.**
(21) 2024200841
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- (71) China Medical University
(21) 2024200757 (22) 07.02.2024
(54) SOLUTION FOR PRESERVING EXTRACELLULAR VESICLES/EXOSOMES, METHOD FOR PRESERVING THE SAME, AND MIXED SOLUTION THEREOF
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- (71) Communication Components Antenna Inc.
(21) 2024200820 (22) 09.02.2024
(54) NARROW MIMO SIDE-BY SIDE ARRAYS USING COMPLIMENTARY ARRAY ARRANGEMENT
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- (71) Corex Plastics (Australia) Pty Ltd
(21) 2024200878 (22) 12.02.2024
(54) A panel for roof ventilation
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- (71) Cyclopure, Inc.
(21) 2024200924 (22) 14.02.2024
(54) CHARGE-BEARING CYCLODEXTRIN POLYMERIC MATERIALS AND METHODS OF MAKING AND USING SAME
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- (71) Dana-Farber Cancer Institute, Inc.; Children's Medical Center Corporation; Ospedale San Raffaele S.r.l.; Politecnico di Milano; Fondazione Telethon
(21) 2024200841 (22) 09.02.2024
(54) Compositions and methods for treating diseases and disorders of the central nervous system
-
- (71) Datalog, LLC
(21) 2024200816 (22) 09.02.2024
(54) Log scaling system and related methods
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- (71) Deere & Company
(21) 2024200750 (22) 07.02.2024
(54) Systems and methods for selective fertilizer placement
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- (71) Deere & Company
(21) 2024200778 (22) 08.02.2024
(54) Agricultural camera confidence
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- (71) Defy-Hi Robotics Pty Ltd
(21) 2024200914 (22) 13.02.2024
(54) Building envelope access system
-
- (71) DEKA Products Limited Partnership
(21) 2024200177 (22) 11.01.2024
(54) System, method, and apparatus for electronic patient care
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- (71) DEKA Products Limited Partnership
(21) 2024200936 (22) 14.02.2024
(54) Endoscope with pannable camera and related method
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- (71) Dolby International AB
(21) 2024200839 (22) 09.02.2024
(54) Layered coding and data structure for compressed higher-order Ambisonics sound or sound field representations
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- (71) Dolby International AB
(21) 2024200911 (22) 13.02.2024
(54) Method and device for decoding an audio soundfield representation
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- (71) Donaldson Company, Inc.
(21) 2024200821 (22) 09.02.2024
(54) Filter cartridges; air cleaner assemblies; housings; features; components; and, methods
-
- (71) Dongguan Yueying Rubber Co., Ltd.
(21) 2024200746 (22) 07.02.2024
(54) TOY WATER BALL
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- (71) Dorel Australia Pty Ltd
(21) 2024200902 (22) 13.02.2024
(54) A child vehicle seat as well as a base suitable for such a child vehicle seat
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- (71) Drake Trailers Pty Ltd
(21) 2024200799 (22) 08.02.2024
(54) A restraint system
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- (71) Dropbox, Inc.
(21) 2024200844 (22) 09.02.2024
(54) Intelligently generating and managing third-party sources within a contextual hub
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- (71) Drying Solutions Limited
(21) 2024200873 (22) 12.02.2024
(54) WASTE HEAT RECOVERY SYSTEMS
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- (71) Eaton Intelligent Power Limited
(21) 2024200843 (22) 09.02.2024
(54) Diagnostic tool for an electrical system

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(71) Edwards Lifesciences Corporation
 (21) 2024200885 (22) 12.02.2024
 (54) Lock and release mechanisms for trans-catheter implantable devices

(71) Endace Technology Limited
 (21) 2024200791 (22) 08.02.2024
 (54) INTELLIGENT LOAD BALANCING AND HIGH SPEED INTELLIGENT NETWORK RECORDERS

(71) Eneroc New Energy Technology Co., Ltd
 (21) 2024200787 (22) 08.02.2024
 (54) Passive balancing method and system for battery, electronic device, and storage medium

(71) Epizyme, Inc.
 (21) 2024200781 (22) 08.02.2024
 (54) SUBSTITUTED FUSED BI- OR TRI-HETEROCYCLIC COMPOUNDS AS EHMT2 INHIBITORS

(71) Equifax Inc.
 (21) 2024200809 (22) 09.02.2024
 (54) Data protection via aggregation-based obfuscation

(71) Equifax Inc.
 (21) 2024200810 (22) 09.02.2024
 (54) Training tree-based machine-learning modeling algorithms for predicting outputs and generating explanatory data

(71) F. Hoffmann-La Roche AG
 (21) 2024200904 (22) 13.02.2024
 (54) Fused ring compounds

(71) Fanca Technologies Pty Ltd
 (21) 2024200913 (22) 13.02.2024
 (54) MOBILE DUST EXTRACTION DEVICE

(71) Fenwal, Inc.
 (21) 2024200620 (22) 01.02.2024
 (54) Sample tube holder and system and method employing same

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2024200756 (22) 07.02.2024
 (54) A USER INTERFACE AND SYSTEM FOR SUPPLYING GASES TO AN AIR-WAY

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2024200868 (22) 12.02.2024
 (54) MAINTENANCE SYSTEMS AND METHODS FOR MEDICAL DEVICES

(71) FISHER & PAYKEL HEALTHCARE LIMITED
 (21) 2024200872 (22) 12.02.2024
 (54) AUTOMATICALLY ADJUSTING HEADGEAR FOR PATIENT INTERFACE

Flinders University see Biology Institute of Shandong Academy of Sciences
 (21) 2024200803

Fondazione Telethon see Dana-Farber Cancer Institute, Inc.
 (21) 2024200841

(71) Frank's International, LLC
 (21) 2024200804 (22) 08.02.2024
 (54) Remote Control Line Clamp Installation System

(71) Frank's International, LLC
 (21) 2024200805 (22) 08.02.2024
 (54) Control Line Clamp Installation System

(71) Fraser, M.A.
 (21) 2024200934 (22) 14.02.2024
 (54) Handcart

(71) GENENTECH, INC.
 (21) 2024200864 (22) 12.02.2024
 (54) Anti-PD-L1 antibodies and their use to enhance T-cell function

(71) GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
 (21) 2024200875 (22) 12.02.2024
 (54) NOVEL IBUPROFEN AND ACETAMINOPHEN COMPOSITION

(71) GREAT OCEAN ECOTHERAPY
 (21) 2024200770 (22) 07.02.2024
 (54) Ecotherapy toolbox of wheels for sensory connectedness and emotional growth

(71) Great Plains Manufacturing, Inc.
 (21) 2024200887 (22) 13.02.2024
 (54) Compact Utility Loader

(71) Hardcastle, P.
 (21) 2024200773 (22) 08.02.2024
 (54) LOOPED CENTRIFUGAL ADSORPTION HEAT PUMP

(71) HEINE Optotechnik GmbH & Co. KG
 (21) 2024200849 (22) 09.02.2024
 (54) OPTICAL MEDICAL EXAMINATION DEVICE

(71) HONEYWELL INTERNATIONAL INC.
 (21) 2024200764 (22) 07.02.2024
 (54) AIR QUALITY MONITORING DEVICE AND ASSOCIATED METHOD OF MONITORING AIR QUALITY

(71) HONEYWELL INTERNATIONAL INC.
 (21) 2024200797 (22) 08.02.2024
 (54) INERTIAL MEASUREMENT UNIT (IMU) WITH BLENDING OF OUTPUTS FROM AN ARRAY OF MICRO-ELECTROMECHANICAL SYSTEM (MEMS) SENSORS

(71) Hong Kong Metropolitan University
 (21) 2024200894 (22) 13.02.2024
 (54) METHOD FOR ESTIMATION OF STATE OF CHARGE AND STATE OF HEALTH IN A LITHIUM-ION BATTERY PACK, AND SYSTEM THEREOF

(71) Howmet Aerospace Inc.
 (21) 2024200862 (22) 09.02.2024
 (54) MULTI-PIECE FASTENERS, FASTENING COLLAR INSTALLATION APPARATUS, AND METHODS OF FASTENING

(71) Huawei Technologies Co., Ltd.
 (21) 2024200854 (22) 09.02.2024
 (54) INTER-FRAME PREDICTION METHOD AND DEVICE

(71) Hynd, D.
 (21) 2024200835 (22) 09.02.2024
 (54) ELECTRIC OVER HYDRAULIC BRAKING SYSTEM

(71) Idemia Identity & Security France
 (21) 2024200893 (22) 13.02.2024
 (54) Method using inter-ridge distances in pixels relating to fingerprints

(71) Illinois Tool Works Inc.
 (21) 2024200811 (22) 09.02.2024
 (54) Winged threaded fastener

(71) Illinois Tool Works Inc.
 (21) 2024200825 (22) 09.02.2024
 (54) Formulations for applying a hydrophilic film to a substrate

(71) Illumina, Inc.
 (21) 2024200796 (22) 08.02.2024
 (54) METHODS AND PROBES FOR IDENTIFYING GENE ALLELES

(71) Immunogen, Inc.
 (21) 2024200837 (22) 09.02.2024

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(54) Cytotoxic benzodiazepine derivatives

(71) Incitec Fertilisers Operations Pty Ltd
(21) 2024200928 (22) 14.02.2024

(54) An Inhibitor for use in agriculture

(71) Industrial Galvanizers Corporation Pty Ltd

(21) 2024200789 (22) 08.02.2024

(54) A WIRE ROPE OR CABLE SAFETY BARRIER SYSTEM TYPICALLY FOR ROADSIDE USE

(71) Inguran, LLC
(21) 2024200927 (22) 14.02.2024

(54) SYSTEMS AND METHOD FOR CORRECTION OF POSITIONALLY DEPENDENT ELECTROMAGNETIC RADIATION DETECTED FROM OBJECTS WITHIN A FLUID COLUMN

(71) Integrated DNA Technologies, Inc.
(21) 2024200798 (22) 08.02.2024

(54) S. pyogenes Cas9 mutant genes and polypeptides encoded by same

(71) IntelliGas CSM Services Limited
(21) 2024200777 (22) 08.02.2024

(54) System and method for low pressure gas lift artificial lift

(71) InterpreData Pty Ltd
(21) 2024200860 (22) 09.02.2024

(54) Analysing a sample

(71) Isopure, Corp.
(21) 2024200800 (22) 08.02.2024

(54) Acid mixing system and method

(71) Janssen Pharmaceutica NV
(21) 2024200883 (22) 12.02.2024

(54) Compositions containing Ibrutinib

(71) Jets Innovations Pty Ltd
(21) 2024200840 (22) 09.02.2024

(54) A strainer and an associated pumping method

(71) Jobin, J.
(21) 2024200813 (22) 09.02.2024

(54) SOUND COMMUNICATION SYSTEM INCLUDING MICROPHONE AND PERSONAL AUDIO OUTPUT DEVICE

(71) Johnson & Johnson Vision Care, Inc.
(21) 2024200761 (22) 07.02.2024

(54) Ophthalmic lens with an optically non-coaxial zone for myopia control

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(21) 2024200865 (22) 12.02.2024

(54) Industrial vehicle

(71) KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
(21) 2024200869 (22) 12.02.2024

(54) Controller and control method for internal combustion engine

(71) Karsten Manufacturing Corporation
(21) 2024200871 (22) 12.02.2024
(54) Sub-assembly for a golf bag and a golf bag system for recipient self-assembly

(71) Keding Enterprises Co., Ltd.
(21) 2024200765 (22) 07.02.2024
(54) Penetrable high-pressure laminate panel structure

(71) Koch Technology Solutions UK Limited
(21) 2024200807 (22) 09.02.2024
(54) PROCESS FOR SELECTIVE PURIFICATION OF LITHIUM FROM AN AQUEOUS LITHIUM SALT-CONTAINING SOLUTION

Komatsu Ltd. see Toyota Jidosha Kabushiki Kaisha
(21) 2024200931

(71) LAKEM TECHNOLOGIES PTY LTD
(21) 2024200855 (22) 09.02.2024
(54) Handler object for workflow management system

(71) LG Electronics Inc.
(21) 2024200767 (22) 07.02.2024
(54) IMAGE ENCODING/DECODING METHOD AND DEVICE FOR PERFORMING WEIGHTED PREDICTION, AND METHOD FOR TRANSMITTING BITSTREAM

(71) LG Electronics Inc.
(21) 2024200788 (22) 08.02.2024
(54) Method and apparatus for encoding/decoding image, for performing deblocking filtering by determining boundary strength, and method for transmitting bitstream

(71) LG Electronics Inc.
(21) 2024200793 (22) 08.02.2024
(54) Intra-prediction device and method

(71) LG Electronics Inc.
(21) 2024200815 (22) 09.02.2024
(54) Image encoding/decoding method and device for signaling chroma compon-

ent prediction information according to whether palette mode is applicable, and method for transmitting bitstream

(71) LG ELECTRONICS INC.
(21) 2024200814 (22) 09.02.2024

(54) TRANSFORM-BASED IMAGE CODING METHOD AND DEVICE THEREFOR

(71) Lightning Source LLC
(21) 2024200910 (22) 13.02.2024
(54) Book cover embossing system and method

(71) Load and Move Pty Ltd
(21) 2024200742 (22) 07.02.2024
(54) AN IMPROVED CONTAINER, CONTAINER CONSTRUCTION, HANDLING METHOD AND APPARATUS

(71) Lone Gull Holdings, Ltd.
(21) 2024200876 (22) 12.02.2024
(54) Self-propelled buoyant energy converter and method for deploying same

(71) Lone Gull Holdings, Ltd.
(21) 2024200921 (22) 14.02.2024
(54) Inertial hydrodynamic pump and wave engine

(71) Lone Gull Holdings, Ltd.
(21) 2024200922 (22) 14.02.2024
(54) Inertial hydrodynamic pump and wave engine

(71) Lone Gull Holdings, Ltd.
(21) 2024200923 (22) 14.02.2024
(54) Inertial hydrodynamic pump and wave engine

(71) Lunar Outpost Inc.
(21) 2024200925 (22) 14.02.2024
(54) Vehicle Locking Assembly

(71) MAKO Surgical Corp.
(21) 2024200890 (22) 13.02.2024
(54) Robotic spine surgery system and methods

(71) Manufacturing Resources International, Inc.
(21) 2024200774 (22) 08.02.2024
(54) Solar powered display assemblies

(71) Mapsil Pty Ltd
(21) 2024200884 (22) 12.02.2024
(54) Silicon fertiliser and method of producing same

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(71) MedImmune, LLC
 (21) 2024200847 (22) 09.02.2024
 (54) BCMA MONOCLONAL ANTI-BODY-DRUG CONJUGATE

(71) MFTB Holdco, Inc.
 (21) 2024200792 (22) 08.02.2024
 (54) Automated building dimension determination using analysis of acquired building images

(71) Mirai International AG
 (21) 2024200935 (22) 14.02.2024
 (54) Method for operating a bioreactor for cultivated meat and corresponding bioreactor

(71) Mitokinin, Inc.
 (21) 2024200901 (22) 13.02.2024
 (54) Compositions and Methods using the same for Treatment of Neurodegenerative and Mitochondrial Disease

(71) ModernaTX, Inc.
 (21) 2024200861 (22) 09.02.2024
 (54) High purity RNA compositions and methods for preparation thereof

(71) Modern product development Limited
 (21) 2024200848 (22) 09.02.2024
 (54) Collision avoidance for vehicles

(71) Motorola Solutions, Inc.
 (21) 2024200752 (22) 07.02.2024
 (54) KEY MANAGEMENT ON A MULTIMODAL COMMUNICATIONS DEVICE

(71) Moxa Inc.
 (21) 2024200891 (22) 13.02.2024
 (54) MULTI-HOP WIRELESS NETWORK SYSTEM, METHOD FOR MAINTAINING TREE NETWORK TOPOLOGY, AND FIRST MEMBER NODE

(71) Moxa Inc.
 (21) 2024200898 (22) 13.02.2024
 (54) METHOD FOR UPDATING NETWORK TOPOLOGY AND CONTROL NODE

(71) Nanjing University Research Institute (Changshu) Co., Ltd.
 (21) 2024200802 (22) 08.02.2024
 (54) Periphytic Algae Filter Membrane System For Water Body Purification

(71) NAVICO, INC.
 (21) 2024200842 (22) 09.02.2024
 (54) SYSTEMS AND METHODS FOR CREATING AND MANAGING WAYAREAS

(71) NetScout Systems, Inc.
 (21) 2024200824 (22) 09.02.2024
 (54) Systems and methods for generating synthetic data packets

(71) NEUTRON HOLDINGS, INC.
 (21) 2024200838 (22) 09.02.2024
 (54) MULTIPLE RIDER DETECTION SYSTEM

(71) Nexans
 (21) 2024200794 (22) 08.02.2024
 (54) COUPLING FOR MULTI-WALLED LINES

(71) Nicoventures Trading Limited
 (21) 2024200823 (22) 09.02.2024
 (54) A mouthpiece and an article for use in an aerosol provision system

(71) ORESOME PRODUCTS PTY LTD
 (21) 2024200881 (22) 12.02.2024
 (54) A devise for retaining article at the surface of borehole

Ospedale San Raffaele S.r.l. see Dana-Farber Cancer Institute, Inc.
 (21) 2024200841

(71) Parenchyma Biotech Inc.
 (21) 2024200751 (22) 07.02.2024
 (54) NOVEL COMPOUND AND USE THEREOF IN TREATING AUTOIMMUNE DISEASES

(71) Peardon, M.
 (21) 2024200780 (22) 08.02.2024
 (54) TUNNEL BORING MACHINE

(71) Peking University
 (21) 2024200852 (22) 09.02.2024
 (54) Near-infrared emitting porphyrin compound and preparation method and use thereof

(71) Percipient.ai Inc.
 (21) 2024200859 (22) 09.02.2024
 (54) SYSTEMS AND METHODS FOR IDENTIFICATION OF INDIVIDUALS IN DIGITAL IMAGES

(71) PINNACLE DIVERSITY PTY LTD
 (21) 2024200857 (22) 09.02.2024
 (54) PACKAGING FOR DISPLAY AND STORAGE OF GOODS

(71) PLUG POWER INC.
 (21) 2024200808 (22) 09.02.2024

(54) ELECTROLYZER STACK END PLATE ASSEMBLY WITH FLUID-ISOLATING INSERT(S)

Politecnico di Milano see Dana-Farber Cancer Institute, Inc.
 (21) 2024200841

(71) Pratt Retail Specialties, LLC
 (21) 2024200915 (22) 13.02.2024
 (54) Modular Box Assembly

(71) Pratt Retail Specialties, LLC
 (21) 2024200916 (22) 13.02.2024
 (54) Modular Box Assembly

(71) Reflex Instruments Asia Pacific Pty Ltd
 (21) 2024200892 (22) 13.02.2024
 (54) A check valve, associated downhole data collection system and inner core barrel assembly

(71) Regeneron Pharmaceuticals, Inc.
 (21) 2024200822 (22) 09.02.2024
 (54) Camptothecin analogs conjugated to a glutamine residue in a protein, and their use

(71) ResMed Pty Ltd
 (21) 2024200828 (22) 09.02.2024
 (54) VENT SYSTEM FOR PATIENT INTERFACE

(71) RiceTec, Inc.
 (21) 2024200896 (22) 13.02.2024
 (54) Compositions and methods for modifying genomes

ROSS, T. see ROSS, S.
 (21) 2024200926

(71) ROSS, S.; ROSS, T.
 (21) 2024200926 (22) 14.02.2024
 (54) Metal surface treatment apparatus and methodology

(71) Royal Bank of Canada
 (21) 2024200874 (22) 12.02.2024
 (54) Secure processing of electronic payments

(71) S.L. RIVER CO PTY LTD
 (21) 2024200801 (22) 08.02.2024
 (54) A MAT

(71) Sage Therapeutics, Inc.
 (21) 2024200851 (22) 09.02.2024
 (54) C7, C12, and C16 substituted neuroactive steroids and their methods of use

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(71) ServiceNow, Inc.
 (21) 2024200933 (22) 14.02.2024
 (54) Application health monitoring

(71) Shionogi & Co., Ltd.
 (21) 2024200783 (22) 08.02.2024
 (54) Polycyclic carbamoylpyridone derivative

(71) Sight Sciences, Inc.
 (21) 2024200932 (22) 14.02.2024
 (54) OCULAR DELIVERY SYSTEMS AND METHODS

(71) Snap-on Incorporated
 (21) 2024200768 (22) 07.02.2024
 (54) Controlling a brushless motor

(71) Snap-on Incorporated
 (21) 2024200817 (22) 09.02.2024
 (54) AUTOMATED TOOL DATA GENERATION IN AUTOMATED ASSET MANAGEMENT SYSTEMS

(71) Société des Produits Nestlé S.A.
 (21) 2024200882 (22) 12.02.2024
 (54) Omega-3 fatty acid, homocysteine and vitamin D levels to identify and attenuate cognitive aging in individuals

(71) Sontiq, Inc.
 (21) 2024200879 (22) 12.02.2024
 (54) Data breach system and method

(71) Sony Corporation
 (21) 2024200903 (22) 13.02.2024
 (54) Frequency band extending device and method, encoding device and method, decoding device and method, and program

(71) Stats LLC
 (21) 2024200779 (22) 08.02.2024
 (54) System For Interactive Sports Analytics Using Multi-Template Alignment And Discriminative Clustering

(71) Stryker Corporation
 (21) 2024200785 (22) 08.02.2024
 (54) System and method for driving an ultrasonic handpiece with a linear amplifier

(71) SU, C.
 (21) 2024200772 (22) 07.02.2024
 (54) TWO-SECTION COMBINATION NASOGASTRIC TUBE

(71) SUEZ Groupe S.A.S.
 (21) 2024200762 (22) 07.02.2024

(54) Underdrain system using one-piece cell dividers

(71) Sutcliffe, T.
 (21) 2024200888 (22) 13.02.2024
 (54) A hitch mount log holder

(71) Sybal Enterprises Inc
 (21) 2024200863 (22) 11.02.2024
 (54) SYSTEM AND METHOD FOR MANAGING DIGITAL GOVERNANCE IN DIGITAL ECOSYSTEM

(71) Syqe Medical Ltd.
 (21) 2024200776 (22) 08.02.2024
 (54) Replaceable flow tract for an inhaler

(71) TAMC Holdings Pty Ltd
 (21) 2024200766 (22) 07.02.2024
 (54) PROTECTOR DEVICE FOR CONTAINERS

(71) Tech Scapes IP Pty Ltd
 (21) 2024200786 (22) 08.02.2024
 (54) A container and method of construction

(71) Techtronic Cordless GP
 (21) 2024200790 (22) 08.02.2024
 (54) Battery pack, and positioning member for thermistor in same

(71) Techtronic Cordless GP
 (21) 2024200826 (22) 09.02.2024
 (54) Electrical appliance assembly for mult-client networking, and peripheral devices

(71) Techtronic Cordless GP
 (21) 2024200846 (22) 09.02.2024
 (54) Power tool and compact power feed trimmer head

(71) TE Connectivity Solutions GmbH;
 TYCO ELECTRONICS - SIMEL
 (21) 2024200754 (22) 07.02.2024
 (54) Insulation piercing connector assemblies with captive cable end caps

(71) TEKION CORP
 (21) 2024200889 (22) 13.02.2024
 (54) METADATA TAG AUTO-APPLICATION TO POSTED ENTRIES

(71) Terra CO2 Technology Holdings, Inc.
 (21) 2024200853 (22) 09.02.2024
 (54) CEMENTITIOUS REAGENTS, METHODS OF MANUFACTURING AND USES THEREOF

(71) The Blooms Group Australia Pty Ltd
 (21) 2024200832 (22) 09.02.2024
 (54) A HOLDER AND DISPLAY MEANS

(71) The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College
 (21) 2024200866 (22) 12.02.2024
 (54) Compositions and methods for treating ocular pathologies

(71) The Board of Trustees of the Leland Stanford Junior University
 (21) 2024200880 (22) 12.02.2024
 (54) Activity-based probe compounds, compositions, and methods of use

(71) The Cawthon Institute Trust Board
 (21) 2024200771 (22) 07.02.2024
 (54) PREPARATIVE SCALE CONVERSION OF GONYAUTOKINS TO NEOSAXITOXIN

(71) The Fynder Group, Inc.
 (21) 2024200784 (22) 08.02.2024
 (54) FILAMENTOUS FUNGAL BIOMATS, METHODS OF THEIR PRODUCTION AND METHODS OF THEIR USE

(71) The Johns Hopkins University; Advanced Accelerator Applications (Italy) Srl
 (21) 2024200850 (22) 09.02.2024
 (54) PROSTATE SPECIFIC MEMBRANE ANTIGEN (PSMA) LIGANDS AND USES THEREOF

(71) TNBT Holdings Pty Limited
 (21) 2024200747 (22) 07.02.2024
 (54) A Lock Element for a Lock Cylinder

(71) Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
 (21) 2024200931 (22) 14.02.2024
 (54) Road surface condition obtaining system

(71) Transcriptx, Inc.
 (21) 2024200877 (22) 12.02.2024
 (54) Treatment of primary ciliary dyskinesia with synthetic messenger RNA

TYCO ELECTRONICS - SIMEL see TE Connectivity Solutions GmbH
 (21) 2024200754

(71) United Laboratories International LLC
 (21) 2024200899 (22) 13.02.2024
 (54) SOLVENT COMPOSITION AND PROCESS FOR REMOVAL OF ASPHALT

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AND OTHER CONTAMINANT MATERIALS

(71) University Health Network
(21) 2024200937 (22) 14.02.2024
(54) Combination therapies for inhibition of Polo-like Kinase 4

(71) Wilcox Industries Corp.
(21) 2024200806 (22) 08.02.2024
(54) Battery Pack Adapter Assembly For Powered Weapon Accessory Rail Interface

(71) WOODSIDE ENERGY TECHNOLOGIES PTY LTD
(21) 2024200930 (22) 14.02.2024
(54) Heat Exchange Reactor

(71) ZETCO VALVES PTY LTD
(21) 2024200818 (22) 09.02.2024
(54) Water Valve for Vanity Units and the like

(71) Zhejiang Orient Gene Biotech Co., Ltd
(21) 2024200917 (22) 13.02.2024
(54) DEVICE WITH MULTIPLE TESTING UNITS

(71) ZTE Corporation
(21) 2024200845 (22) 09.02.2024
(54) Signaling receiving method, signaling transmitting method, and device

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2024200177	DEKA Products Limited Partnership	2024200808	PLUG POWER INC.
2024200297	Apple Inc.	2024200809	Equifax Inc.
2024200620	Fenwal, Inc.	2024200810	Equifax Inc.
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2024200743	Alnylam Pharmaceuticals, Inc.	2024200812	Apple Inc.
2024200746	Dongguan Yueying Rubber Co., Ltd.	2024200813	Jobin, J.
2024200747	TNBT Holdings Pty Limited	2024200814	LG ELECTRONICS INC.
2024200750	Deere & Company	2024200815	LG Electronics Inc.
2024200751	Parenchyma Biotech Inc.	2024200816	Datalog, LLC
2024200752	Motorola Solutions, Inc.	2024200817	Snap-on Incorporated
2024200753	Angel Group Co., Ltd.	2024200818	ZETCO VALVES PTY LTD
2024200754	TE Connectivity Solutions GmbH; TYCO ELECTRON- ICS - SIMEL	2024200819	Apple Inc.
2024200755	Canon Kabushiki Kaisha	2024200820	Communication Components Antenna Inc.
2024200756	FISHER & PAYKEL HEALTHCARE LIMITED	2024200821	Donaldson Company, Inc.
2024200757	China Medical University	2024200822	Regeneron Pharmaceuticals, Inc.
2024200758	Amgen Inc.	2024200823	Nicoventures Trading Limited
2024200759	Abbott Diabetes Care Inc.	2024200824	NetScout Systems, Inc.
2024200760	Apple Inc.	2024200825	Illinois Tool Works Inc.
2024200761	Johnson & Johnson Vision Care, Inc.	2024200826	Techtronic Cordless GP
2024200762	SUEZ Groupe S.A.S.	2024200827	Ag Growth International Inc.
2024200763	ARK Corporation Pty Ltd	2024200828	ResMed Pty Ltd
2024200764	HONEYWELL INTERNATIONAL INC.	2024200829	Apple Inc.
2024200765	Keding Enterprises Co., Ltd.	2024200830	Beijing Tusen Weilai Technology Co., Ltd.
2024200766	TAMC Holdings Pty Ltd	2024200831	Aristocrat Technologies Australia Pty Limited
2024200767	LG Electronics Inc.	2024200832	The Blooms Group Australia Pty Ltd
2024200768	Snap-on Incorporated	2024200833	Capital One Services, LLC
2024200769	Aristocrat Technologies Australia Pty Limited	2024200834	Bluescope Steel Limited
2024200770	GREAT OCEAN ECOTHERAPY	2024200835	Hynd, D.
2024200771	The Cawthon Institute Trust Board	2024200836	Capital One Services, LLC
2024200772	SU, C.	2024200837	Immunogen, Inc.
2024200773	Hardcastle, P.	2024200838	NEUTRON HOLDINGS, INC.
2024200774	Manufacturing Resources International, Inc.	2024200839	Dolby International AB
2024200775	Aquis Systems AG	2024200840	Jets Innovations Pty Ltd
2024200776	Syqe Medical Ltd.	2024200841	Dana-Farber Cancer Institute, Inc.; Children's Medical Center Corporation; Ospedale San Raffaele S.r.l.; Po- litecnico di Milano; Fondazione Telethon
2024200777	IntelliGas CSM Services Limited	2024200842	NAVICO, INC.
2024200778	Deere & Company	2024200843	Eaton Intelligent Power Limited
2024200779	Stats LLC	2024200844	Dropbox, Inc.
2024200780	Peardon, M.	2024200845	ZTE Corporation
2024200781	Epizyme, Inc.	2024200846	Techtronic Cordless GP
2024200782	Boston Scientific Scimed, Inc.	2024200847	MedImmune, LLC
2024200783	Shionogi & Co., Ltd.	2024200848	Modern product development Limited
2024200784	The Fynder Group, Inc.	2024200849	HEINE Optotechnik GmbH & Co. KG
2024200785	Stryker Corporation	2024200850	The Johns Hopkins University; Advanced Accelerator Applications (Italy) Srl
2024200786	Tech Scapes IP Pty Ltd	2024200851	Sage Therapeutics, Inc.
2024200787	Eneroc New Energy Technology Co., Ltd	2024200852	Peking University
2024200788	LG Electronics Inc.	2024200853	Terra CO2 Technology Holdings, Inc.
2024200789	Industrial Galvanizers Corporation Pty Ltd	2024200854	Huawei Technologies Co., Ltd.
2024200790	Techtronic Cordless GP	2024200855	LAKEM TECHNOLOGIES PTY LTD
2024200791	Endace Technology Limited	2024200856	Canva Pty Ltd
2024200792	MFTB Holdco, Inc.	2024200857	PINNACLE DIVERSITY PTY LTD
2024200793	LG Electronics Inc.	2024200858	Aristocrat Technologies Australia Pty Limited
2024200794	Nexans	2024200859	Percipient.ai Inc.
2024200795	Amgen Inc.	2024200860	InterpreData Pty Ltd
2024200796	Illumina, Inc.	2024200861	ModernaTX, Inc.
2024200797	HONEYWELL INTERNATIONAL INC.	2024200862	Howmet Aerospace Inc.
2024200798	Integrated DNA Technologies, Inc.	2024200863	Sybal Enterprises Inc
2024200799	Drake Trailers Pty Ltd	2024200864	GENENTECH, INC.
2024200800	Isopure, Corp.	2024200865	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2024200801	S.L. RIVER CO PTY LTD	2024200866	The Board of Supervisors of Louisiana State University and Agricultural and Mechanical College
2024200802	Nanjing University Research Institute (Changshu) Co., Ltd.	2024200867	Aquaterria Energy Limited
2024200803	Biology Institute of Shandong Academy of Sciences; Flinders University	2024200868	FISHER & PAYKEL HEALTHCARE LIMITED
2024200804	Frank's International, LLC	2024200869	KABUSHIKI KAISHA TOYOTA JIDOSHOKKI
2024200805	Frank's International, LLC	2024200870	Alnylam Pharmaceuticals, Inc.
2024200806	Wilcox Industries Corp.	2024200871	Karsten Manufacturing Corporation
2024200807	Koch Technology Solutions UK Limited		

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2024200872	FISHER & PAYKEL HEALTHCARE LIMITED
2024200873	Drying Solutions Limited
2024200874	Royal Bank of Canada
2024200875	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC
2024200876	Lone Gull Holdings, Ltd.
2024200877	Transcriptx, Inc.
2024200878	Corex Plastics (Australia) Pty Ltd
2024200879	Sontiq, Inc.
2024200880	The Board of Trustees of the Leland Stanford Junior University
2024200881	ORESOME PRODUCTS PTY LTD
2024200882	Société des Produits Nestlé S.A.
2024200883	Janssen Pharmaceutica NV
2024200884	Mapsil Pty Ltd
2024200885	Edwards Lifesciences Corporation
2024200886	Adobe Inc.
2024200887	Great Plains Manufacturing, Inc.
2024200888	Sutcliffe, T.
2024200889	TEKION CORP
2024200890	MAKO Surgical Corp.
2024200891	Moxa Inc.
2024200892	Reflex Instruments Asia Pacific Pty Ltd
2024200893	Idemia Identity & Security France
2024200894	Hong Kong Metropolitan University
2024200895	Angel Group Co., Ltd.
2024200896	RiceTec, Inc.
2024200897	Biofouling Technologies, Inc.
2024200898	Moxa Inc.
2024200899	United Laboratories International LLC
2024200900	Boldan Oy
2024200901	Mitokinin, Inc.
2024200902	Dorel Australia Pty Ltd
2024200903	Sony Corporation
2024200904	F. Hoffmann-La Roche AG
2024200905	7-ELEVEN, INC.
2024200906	7-ELEVEN, INC.
2024200907	7-ELEVEN, INC.
2024200908	7-ELEVEN, INC.
2024200909	Brock USA, LLC
2024200910	Lightning Source LLC
2024200911	Dolby International AB
2024200912	Blue Ocean Seismic Services Limited
2024200913	Fanca Technologies Pty Ltd
2024200914	Defy-Hi Robotics Pty Ltd
2024200915	Pratt Retail Specialties, LLC
2024200916	Pratt Retail Specialties, LLC
2024200917	Zhejiang Orient Gene Biotech Co., Ltd
2024200918	Aristocrat Technologies Australia Pty Limited
2024200919	7-ELEVEN, INC.
2024200920	7-ELEVEN, INC.
2024200921	Lone Gull Holdings, Ltd.
2024200922	Lone Gull Holdings, Ltd.
2024200923	Lone Gull Holdings, Ltd.
2024200924	Cyclopure, Inc.
2024200925	Lunar Outpost Inc.
2024200926	ROSS, S.; ROSS, T.
2024200927	Inguran, LLC
2024200928	Incitec Fertilisers Operations Pty Ltd
2024200930	WOODSIDE ENERGY TECHNOLOGIES PTY LTD
2024200931	Toyota Jidosha Kabushiki Kaisha; Komatsu Ltd.
2024200932	Sight Sciences, Inc.
2024200933	ServiceNow, Inc.
2024200934	Fraser, M.A.
2024200935	Mirai International AG
2024200936	DEKA Products Limited Partnership
2024200937	University Health Network
2024200938	Avacta Life Sciences Limited
2024200939	Applied Hybrid Energy Pty Ltd

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

2004

2004200306 (14)	2004200335 (14)	2004200360 (14)
2004200377 (14)	2004200387 (14)	2004200395 (14)
2004200399 (14)	2004200418 (14)	2004203433 (14)
2004207025 (14)	2004207075 (14)	2004207185 (14)
2004208445 (14)	2004208469 (14)	2004208505 (14)
2004208969 (14)	2004209027 (14)	2004209124 (14)
2004209244 (14)	2004209296 (14)	2004209371 (14)
2004209517 (14)	2004209560 (14)	2004209632 (14)
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2010203127 (14)	2010203320 (14)	2010206022 (14)
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2012291098 (14)	2012291863 (14)	2012292108 (14)
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	2014215945 (14)	2014295030 (14)	2014295912 (14)	2019326290 (4C)	2019326846 (14)	2019327335 (14)
	2014296231 (14)	2014296255 (14)	2014296308 (14)	2019327636 (14)	2019356006 (5C)	2019430399 (1B)
	2014296339 (14)	2014298486 (14)	2014298536 (14)	2019430949 (1B)	2019431464 (1B)	2019458884 (4A)
	2014298540 (14)	2014298561 (14)	2014298627 (14)	2019459070 (4A)	2019459479 (4A)	
	2014298637 (14)	2014308067 (14)	2014308068 (14)	2020		
	2014314511 (14)	2014314512 (14)	2014314632 (14)	2020101470 (22E)	2020101481 (22E)	2020101482 (22E)
	2014321175 (14)	2014335154 (14)	2014401951 (14)	2020101513 (22E)	2020101565 (22E)	2020201089 (1B)
	2014402251 (14)			2020201156 (1B)	2020201189 (1B)	2020201220 (1B)
2015				2020201345 (1B)	2020201367 (1B)	2020213344 (14)
	2015201218 (14)	2015207860 (14)	2015207863 (14)	2020223865 (1B)	2020224106 (1B)	2020224129 (1B)
	2015230753 (14)	2015292356 (14)	2015295120 (14)	2020224160 (1B)	2020224245 (1B)	2020224630 (1B)
	2015296253 (14)	2015296298 (14)	2015296555 (14)	2020224656 (1B)	2020224659 (1B)	2020224662 (1B)
	2015296602 (14)	2015296883 (14)	2015297204 (14)	2020224686 (1B)	2020225034 (1B)	2020225085 (1B)
	2015297647 (14)	2015297648 (14)	2015299202 (14)	2020225118 (1B)	2020225173 (1B)	2020225301 (1B)
	2015306458 (14)	2015327371 (14)	2015403379 (14)	2020225336 (1B)	2020225413 (1B)	2020225473 (1B)
	2015403941 (14)			2020225596 (1B)	2020225641 (1B)	2020225687 (1B)
2016				2020225816 (1B)	2020226318 (1B)	2020226527 (1B)
	2016100090 (22)	2016100094 (22)	2016100106 (22)	2020226742 (1B)	2020226750 (1B)	2020226753 (1B)
	2016100120 (22)	2016100121 (22)	2016101248 (22E)	2020226865 (1B)	2020226874 (1B)	2020226973 (1B)
	2016102031 (22)	2016102348 (22)	2016102418 (22)	2020227672 (1B)	2020227679 (1B)	2020227687 (1B)
	2016102449 (22)	2016102476 (22)	2016208325 (14)	2020227913 (1B)	2020228119 (1B)	2020228149 (1B)
	2016208408 (14)	2016297890 (14)	2016298207 (14)	2020228291 (1B)	2020228623 (1B)	2020229041 (1B)
	2016298643 (14)	2016299063 (14)	2016299329 (14)	2020229094 (1B)	2020229316 (1B)	2020229748 (1B)
	2016302755 (14)	2016303395 (14)	2016303652 (14)	2020229806 (1B)	2020230122 (1B)	2020233397 (25D)
	2016303994 (14)	2016304331 (14)	2016306814 (14)	2020284042 (5C)	2020326540 (5C)	2020331820 (5C)
	2016307118 (14)	2016312206 (14)	2016341309 (5C)	2020346791 (5C)		
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	2017101779 (22)	2017101780 (22)	2017101784 (22)	2021		
	2017200535 (5C)	2017208275 (14)	2017208296 (4C)	2021103563 (22G)	2021104516 (22E)	2021104517 (22E)
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	2017301929 (14)	2017301997 (14)	2017303898 (14)	2021104521 (22E)	2021104522 (22E)	2021104523 (22E)
	2017303905 (14)	2017304219 (4C)	2017304275 (14)	2021104525 (22E)	2021104527 (22E)	2021104528 (22E)
	2017304293 (4D)	2017304582 (14)	2017304761 (14)	2021104529 (22E)	2021104532 (22E)	2021104534 (22E)
	2017304887 (14)	2017305944 (14)	2017306899 (14)	2021104535 (22E)	2021104536 (22E)	2021104537 (22E)
	2017307208 (14)	2017322371 (5C)	2017356168 (5C)	2021104538 (22E)	2021104539 (22E)	2021104540 (22E)
	2017379825 (5C)	2017420200 (5C)		2021104541 (22E)	2021104542 (22E)	2021104543 (22E)
2018				2021104544 (22E)	2021104545 (22E)	2021104546 (22E)
	2018100286 (21F)	2018101034 (22E)	2018200152 (14)	2021104547 (22E)	2021104548 (22E)	2021104551 (22E)
	2018200439 (5C)	2018200728 (5C)	2018201032 (5C)	2021104553 (22E)	2021104554 (22E)	2021104555 (22E)
	2018201194 (25D)	2018203350 (25D)	2018204630 (14)	2021104556 (22E)	2021104560 (22E)	2021104561 (22E)
	2018208643 (14)	2018208649 (4C)	2018208700 (14)	2021104562 (22E)	2021104563 (22E)	2021104564 (22E)
	2018208804 (4C)	2018212305 (5C)	2018222944 (14)	2021104567 (22E)	2021104568 (22E)	2021104569 (22E)
	2018225300 (5C)	2018232670 (5C)	2018239177 (5C)	2021104572 (22E)	2021104573 (22E)	2021104574 (22E)
	2018244582 (5C)	2018248440 (5C)	2018250405 (14)	2021104575 (22E)	2021104576 (22E)	2021104577 (22E)
	2018254424 (5C)	2018256591 (14)	2018259104 (5C)	2021104580 (22E)	2021104581 (22E)	2021104582 (22E)
	2018272093 (5C)	2018305160 (4C)	2018305161 (4C)	2021104583 (22E)	2021104584 (22E)	2021104585 (22E)
	2018305614 (14)	2018305632 (4C)	2018306321 (4C)	2021104586 (22E)	2021104587 (22E)	2021104588 (22E)
	2018306455 (4C)	2018306617 (4C)	2018306730 (14)	2021104589 (22E)	2021104591 (22E)	2021104593 (22E)
	2018307555 (4C)	2018307762 (14)	2018307786 (4C)	2021104594 (22E)	2021104597 (22E)	2021104598 (22E)
	2018308312 (14)	2018308349 (4C)	2018308720 (4C)	2021104599 (22E)	2021104600 (22E)	2021104601 (22E)
	2018308923 (4C)	2018310402 (14)	2018310769 (4C)	2021104602 (22E)	2021104603 (22E)	2021104604 (22E)
	2018318347 (4D)	2018320080 (4C)	2018342752 (25D)	2021104606 (22E)	2021104607 (22E)	2021104610 (22E)
	2018352153 (5C)	2018405223 (14)	2018434278 (14)	2021104611 (22E)	2021104612 (22E)	2021104616 (22E)
2019				2021104618 (22E)	2021104620 (22E)	2021104621 (22E)
	2019100114 (22)	2019100807 (22E)	2019100808 (22E)	2021104622 (22E)	2021104628 (22E)	2021104630 (22E)
	2019100811 (22E)	2019100812 (22E)	2019100816 (22E)	2021104631 (22E)	2021104632 (22E)	2021104634 (22E)
	2019100835 (22E)	2019201198 (1B)	2019201308 (1B)	2021104635 (22E)	2021104636 (22E)	2021104637 (22E)
	2019202035 (14)	2019208209 (14)	2019208210 (14)	2021104638 (22E)	2021104639 (22E)	2021104640 (22E)
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	2019210540 (4A)	2019216883 (25D)	2019309357 (14)	2021104651 (22E)	2021104652 (22E)	2021104653 (22E)
	2019309391 (4C)	2019309408 (4C)	2019309885 (4C)	2021104658 (22E)	2021104659 (22E)	2021104662 (22E)
	2019310435 (4C)	2019310601 (4C)	2019310855 (4C)	2021104664 (22E)	2021104665 (22E)	2021104666 (22E)
	2019311583 (4C)	2019313502 (4C)	2019313665 (4C)	2021104667 (22E)	2021104668 (22E)	2021104669 (22E)
	2019315032 (14)	2019315823 (4C)	2019320452 (4B)	2021104672 (22E)	2021104673 (22E)	2021104675 (22E)
	2019321145 (14)	2019322411 (4B)	2019322630 (14)	2021104678 (22E)	2021104679 (22E)	2021104680 (22E)
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 2021104748 (22E) 2021104749 (22E) 2021104751 (22E)
 2021104757 (22E) 2021104758 (22E) 2021104759 (22E)
 2021104760 (22E) 2021104761 (22E) 2021104763 (22E)
 2021104764 (22E) 2021104765 (22E) 2021104766 (22E)
 2021206782 (4C) 2021218119 (5C) 2021224460 (5C)
 2021245257 (4C) 2021250934 (4C) 2021254608 (4C)
 2021269411 (5C)

2022

2022200183 (5C) 2022200238 (5C) 2022200455 (5C)
 2022200463 (5C) 2022200491 (5C) 2022200569 (4C)
 2022200591 (5C) 2022200771 (4C) 2022200980 (5C)
 2022201017 (4C) 2022201112 (4C) 2022201187 (5C)
 2022201193 (5C) 2022201356 (5C) 2022202013 (5C)
 2022202774 (5C) 2022203958 (4C) 2022204039 (5C)
 2022204929 (4C) 2022259761 (4C) 2022259815 (5C)
 2022269669 (12C) 2022279401 (5C) 2022291537 (5C)

2023

2023200533 (4C) 2023251474 (1BN) 2023266316 (1B)
 2023270241 (1B) 2023274115 (12C) 2023900316 (12AN)
 2023900527 (12AN) 2023900528 (12AN)

Assignments before Grant, Section 113**2014**

2014218453 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2015

2015261629 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2016

2016259304 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2016277597 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2017

2017203250 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2017203251 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2017246794 Bioverativ USA Inc. The application has been assigned to **Genzyme Corporation**

2017256786 Viela Bio, Inc. The application has been assigned to **Horizon Therapeutics Ireland DAC**

2017305948 Hu, Che-Ming; Academia Sinica The application has been assigned to **Academia Sinica**

Assignments before Grant, Section 113

2017375899 Calderon Agudo, Oscar The application has been assigned to **M-TRUST Imaging Limited**

2018

2018200527 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2018200528 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2018200529 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2018298238 Rhodia Operations The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2018324118 Boehringer Ingelheim Animal Health USA Inc. The application has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2018347457 Merck Sharp & Dohme Corp.; Amgen Inc. The application has been assigned to **Merck Sharp & Dohme LLC; Amgen Inc.**

2018358237 Gonzalez Ulloa, Jorge The application has been assigned to **THE CANE JUICE COMPANY LLC**

2018375286 IONQ Inc. The application has been assigned to **Duke University; IONQ Inc.**

2018440077 Rhodia Operations The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2018440399 Rhodia Operations The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2019

2019202535 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2019203637 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2019219224 Marley Spoon AG The application has been assigned to **Marley Spoon SE**

2019250367 Bayer Aktiengesellschaft The application has been assigned to **Boehringer Ingelheim International GmbH**

2019250369 Bayer Aktiengesellschaft The application has been assigned to **Boehringer Ingelheim International GmbH**

2019253023 Zogenix MDS, Inc. The application has been assigned to **Zogenix, Inc.**

2019343158 TMGcore, LLC The application has been assigned to **Modine LLC**

Assignments before Grant, Section 113

2019349874 Lyvgen Biopharma Co., Ltd.; Lyvgen Biopharma (Suzhou) Co., Ltd. The application has been assigned to **LYVGEN BIO-PHARMA HOLDINGS LIMITED**

2019378713 TMGcore, LLC The application has been assigned to **Modine LLC**

2019387314 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

2019439388 Rhodia Operations The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2020

2020202677 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2020223774 Idemia Identity & Security France The application has been assigned to **Carrus Gaming**

2020241750 Boehringer Ingelheim Animal Health USA Inc.; Boehringer Ingelheim Pharma GmbH & Co. KG The application has been assigned to **Boehringer Ingelheim Vetmedica GmbH; Boehringer Ingelheim Pharma GmbH & Co. KG**

2020276500 Lyvgen Biopharma Co., Ltd.; Lyvgen Biopharma (Suzhou) Co., Ltd. The application has been assigned to **LYVGEN BIO-PHARMA HOLDINGS LIMITED**

2020334060 Zogenix MDS, Inc. The application has been assigned to **Zogenix, Inc.**

2020372961 Valent U.S.A. LLC The application has been assigned to **Sumitomo Chemical Company, Limited**

2020383350 TMGcore, LLC The application has been assigned to **Modine LLC**

2020432229 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

2020440805 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

2021

2021205143 HIFIBIO (HK) Limited The application has been assigned to **HiFiBiO, Inc.**

2021226571 TMGcore, LLC The application has been assigned to **Modine LLC**

2021306034 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

2021327911 HANGZHOU GENEWAY BIOTECHNOLOGY CO., LTD. The application has been assigned to **KANGLIN BIOTECHNOLOGY (HANGZHOU) CO., LTD**

Assignments before Grant, Section 113

2021338990 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

2021350474 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

2021442185 HITACHI ENERGY SWITZERLAND AG The application has been assigned to **Hitachi Energy Ltd**

2021459696 BRUGG ROHRSYSTEM AG; GOLAN PLASTIC PRODUCTS LTD. The application has been assigned to **GOLAN PLASTIC PRODUCTS LTD.**

2022

2022201726 Rhodia Operations The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2022202035 Boehringer Ingelheim Animal Health USA Inc. The application has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2022205148 RHODIA OPERATIONS The application has been assigned to **SPECIALTY OPERATIONS FRANCE**

2022219124 MEDSHINE DISCOVERY INC. The application has been assigned to **Usynova Pharmaceuticals Ltd.**

2022235328 HITACHI ENERGY SWITZERLAND AG The application has been assigned to **Hitachi Energy Ltd**

2022241744 TMGCORE, LLC The application has been assigned to **Modine LLC**

2022245920 BILL.COM, LLC The application has been assigned to **BILL Operations, LLC**

2022252845 LG Electronics Inc. The application has been assigned to **GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.**

2022253941 Allflex Australia Pty. Ltd.; CHEVILLOT SAS The application has been assigned to **Allflex Europe SAS; Allflex Australia Pty. Ltd.**

2022266021 HITACHI ENERGY SWITZERLAND AG The application has been assigned to **Hitachi Energy Ltd**

2022270722 INTROSPECT DIGITAL THERAPEUTICS, INC. The application has been assigned to **Atai Therapeutics Inc.**

2023

2023202294 Teclison Limited The application has been assigned to **Teclison, Inc.**

2023203408 Jiangmen Dingzhi Cross border Technology Co., Ltd The application has been assigned to **CHEN, Chunming**

2023203713 Hitachi Energy Switzerland AG The application has been assigned to **Hitachi Energy Ltd**

Assignments before Grant, Section 113

2023204217 Zurn Industries, LLC The application has been assigned to **Zurn Water, LLC**

2023241376 Calderon Agudo, Oscar The application has been assigned to **M-TRUST Imaging Limited**

2023248108 OSO ELECTRIC EQUIPMENT, LLC The application has been assigned to **Oso Technologies, LLC**

2023270322 Benson Hill, Inc. The application has been assigned to **RiceTec, Inc.**

2023900330 PLATINUM ENDEAVOURS PTY LTD The application has been assigned to **Grip Trip Pty Ltd**

2023900411 Lindsay, Dominic The application has been assigned to **Nexobot Pty Ltd**

2023903160 Crowds Now Pty Ltd The application has been assigned to **Crowds Now (IP) Pty Ltd**

2023903642 Stratus Shades Pty Ltd The application has been assigned to **JG & AM SMITH INVESTMENTS 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.

2017

2017100909 **Hudson, I.** An application to extend the time from 03 Jul 2023 to 03 Feb 2024 in which to pay a renewal fee has been filed . Address for service - Ian Michael Hudson 213 Craigieburn Rd Craigieburn VIC 3064 AU

2018

2018204677 **Cristaldo, A.** An application to extend the time from 27 Jun 2023 to 27 Jan 2024 in which to pay a renewal fee has been filed . Address for service - Patentec Patent Attorneys L11 65 York St Sydney NSW 2000 AU

Applications Allowed - Section 223(2)**2013**

2013245359 **Bio-Start Limited** The time in which to pay a renewal fee has been extended to 28 Nov 2023 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2014

2014263011 **Innovative Environmental Technologies, Inc.** The time in which to pay a renewal fee has been extended to 02 Dec 2023 . Address for service - Maxwells Patent & Trade Mark Attorneys Pty Ltd PO Box R1466 Royal Exchange SYDNEY NSW 1225 AU

Extensions of Time, Section 223**2017**

2017202395 **G Fleet Holdings Pty Ltd** The time in which to pay a continuation fee has been extended to 11 Nov 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019101654 **Hangzhou Minsheng Healthcare Co., Ltd.** The time in which to pay a renewal fee has been extended to 19 Nov 2023 . Address for service - Baxter Patent Attorneys Pty Ltd Level 12/10 Carrington St Sydney NSW 2000 AU

2019218647 Welldata (Subsurface Surveillance Systems) Limited

The time in which to pay a continuation fee has been extended to 07 Oct 2023 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2020

2020244453 **Northwestern University** The time in which to pay a continuation fee has been extended to 21 Nov 2023 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd PO Box 291 WODEN ACT 2606 AU

Amendments**Applications for Amendment**

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

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

2010

2010241419 Salts of 4-methyl-n-[3-(4-methyl-imidazol-1-yl)-5-trifluoromethyl-phenyl]-3-(4-pyridin-3-yl-pyrimidin-2-ylamino)- benzamide **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2012

2012201453 Crystalline forms of 4-methyl-N-[3-(4-methyl-imidazol-1-yl)-5-trifluoromethyl-phenyl]-3-(4-pyridin-3-yl-pyrimidin-2-ylamino)-benzamide **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 22 Dec 2023 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017

2017219602 Methods for treating or preventing atherosclerosis by administering an inhibitor of ANGPTL3 **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 16 Jan 2024 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018

2018237357 Device and method for transseptal puncture **University of Maryland, Baltimore ; University of Maryland Medical System LLC** The nature of the amendment is: Amend the name of the 2nd applicant to read UNIVERSITY OF MARYLAND MEDICAL

Amendments

SYSTEM CORPORATION . Address for service - RnB IP Pty Ltd PO Box 9530 Deakin ACT 2600 AU

2018322386 Kinase mutation-associated neurodegenerative disorders **Memorial Sloan Kettering Cancer Center** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2024 . Address for service - Pizzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2018331371 A novel small molecule compound **Cerepeut, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019259790 Glucagon like peptide 1 (GLP-1) fusion peptide coupled cyclic peptide tyrosine tyrosine conjugates and uses thereof **Janssen Pharmaceutica NV** The nature of the amendment is: Add inventor ZHANG, Yue-Mei . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019278527 Pyrazole derivative and harmful organism-controlling agent **Kumiai Chemical Industry Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2024 . Address for service - Patent Attorney Services 26 Ellingworth Parade BOX HILL VIC 3128 AU

2019474692 Personal care compositions for treating odor causing bacteria and methods for the same **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 19 Jan 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020201329 Conjugates for treating diseases caused by PSMA expressing cells **Endocyte, Inc.** The nature of the amendment is as shown in the statement(s) filed 02 Feb 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

2020202755 Delivery of mRNA for the augmentation of proteins and enzymes in human genetic diseases **Shire Human Genetic Therapies** The nature of the amendment is as shown in the statement(s) filed 03 Nov 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020363397 Oral care composition comprising a cannabinoid **Colgate-Palmolive Company** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020431701 Outdoor Unit and Air Conditioner **Mitsubishi Electric Corporation** The nature of the amendment is as shown in the statement(s) filed 16 Jan 2024 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020442003 A camptothecin drug and its antibody conjugate thereof **Baili-Bio (Chengdu) Pharmaceutical Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 08 Feb 2024 . Ad-

Amendments

dress for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021

2021269369 Cartridge and image forming apparatus **Canon Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021286278 Methods for treating ocular diseases **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2024 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2021298606 Encoding and decoding method and apparatus, and device therefor **Hangzhou Hikvision Digital Technology Co., Ltd.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2024 . Address for service - FB Rice Pty Ltd L 23 44 Market St Sydney NSW 2000 AU

2023

2023200276 MODULAR CONTROL NETWORK ARCHITECTURE **HONEYWELL INTERNATIONAL INC.** The nature of the amendment is as shown in the statement(s) filed 09 Feb 2024 . Address for service - FPA Patent Attorneys Pty Ltd Suite 2, Level 9 275 George Street Sydney NSW 2000 AU

Amendments Made**2007**

2007306270 **BASF SE** The nature of the amendment is as shown in the statement(s) filed 27 Oct 2023

2017

2017225099 **Joy Global Surface Mining Inc** The nature of the amendment is as shown in the statement(s) filed 06 Nov 2023

2018

2018222746 **Apalta Patents OÜ** The nature of the amendment is as shown in the statement(s) filed 10 Nov 2023

2020

2020233571 **Immunolight, LLC** The nature of the amendment is: Amend the invention title to read ENERGY AUGMENTATION STRUCTURES FOR USE WITH ENERGY EMITTERS AND COLLECTORS

2020263238 **Eli Lilly and Company** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2023

2020333708 **Shanghai Zhimeng Biopharma Inc.** The nature of the amendment is as shown in the statement(s) filed 03 Nov 2023

2020343703 **Crane Payment Innovations, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Nov 2023

2020417722 **PayPal, Inc.** The nature of the amendment is as shown in the statement(s) filed 19 Oct 2023

Amendments**2021**

2021200137 **University of Pittsburgh - of the Commonwealth System of Higher Education** The nature of the amendment is as shown in the statement(s) filed 25 Oct 2023

2021229381 **Westinghouse Electric Company LLC** The nature of the amendment is: Amend the name of the inventor to read DASARI, Venkateswara Rao; LEVINSKY, Alex; ARAFAT, Yasir; VAN WYK, Jurie J. and BLOOD, Mikaela E.

2021234308 **Gilead Sciences, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2023

2021306731 **Technological Resources Pty. Limited** The nature of the amendment is: Amend the name of the inventor to read LILL, Kevin; PAPANASTASIOU, James; TERBLANCHE, Dirk; MEEGAMARACHCHI, Chintana and WAN, Jonathan J. M.

2021455235 **HANSHOW TECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read Electronic shelf label

2021459965 **SHANGHAI SINOBAY BIOTECHNOLOGY CO., LTD.** The nature of the amendment is: Amend the invention title to read A Hypoxia-triggered Artificial Transcription Factor, A Hypoxia-triggered Transcription Control System and Use Thereof

2021460675 **DEEPQURE INC.** The nature of the amendment is: Amend the invention title to read ELECTRODE APPARATUS FOR NERVE DENERVATION OR MODULATION IN VIVO

2021460876 **DEEPQURE INC.** The nature of the amendment is: Amend the invention title to read ELECTRODE APPARATUS FOR NERVE DENERVATION OR MODULATION IN VIVO

2021461291 **DEEPQURE INC.** The nature of the amendment is: Amend the invention title to read ELECTRODE APPARATUS FOR NERVE DENERVATION OR MODULATION IN VIVO

2022

2022204398 **Beijing Geekplus Technology Co., Ltd.** The nature of the amendment is: Application is to proceed under the number 2022100195

2022204455 **The Provost, Fellows, Scholars and Other Members of Board of Trinity College Dublin** The nature of the amendment is: Amend the name of the inventor to read PADAMATI, Ramesh Babu and PEDNEKAR, Mukesh Prabhakar

2022218540 **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 15 Nov 2023

2022252727 **Crown Equipment Corporation** The nature of the amendment is as shown in the statement(s) filed 09 Nov 2023

2022281358 **ATAI THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read FAWAZ, Majed; KASERA, Setu and MORRA, Nicholas

2022307676 **SOLIGENIX, INC.** The nature of the amendment is: Amend the invention title to read DERMATOLOGICAL COMPOSITIONS

Amendments

AND METHODS OF TREATMENT AGAINST CUTANEOUS T-CELL LYMPHOMA

2022316209 **REGENERON PHARMACEUTICALS, INC.** The nature of the amendment is: Amend the invention title to read Butyrophilin-like 2 agents for treating inflammatory disorders

2022324793 **VISHAY ADVANCED TECHNOLOGIES LTD.** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2024

2022355172 **KOMATSU LTD.** The nature of the amendment is: Amend the invention title to read Haul Vehicle

2022399667 **SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES** The nature of the amendment is: Amend the invention title to read METHOD AND APPARATUS FOR INVERSION OF CRUSTAL STRUCTURE OF PASSIVE CONTINENTAL MARGIN BASED ON SUBSIDENCE IN STRATIGRAPHIC RECORD

2023

2023237090 **Apple Inc.** The nature of the amendment is: Amend the name of the inventor to read Blahnik, Jay; Butcher, Gary Ian; Chen, Kevin Will; Graham, David Chance; Keen, Daniel S.; Rushing, Justin Shane; Shortlidge, T. Allan; Davydov, Anton M.; Dye, Alan C.; Ive, Jonathan P.; Kennedy, Zachery; Minjack, Zachury; Park, Dennis S.; Schmitt, Brian and Lynch, Kevin

2023902399 **Brocklehurst, R.** The nature of the amendment is: Application is to proceed under number 2023316920

2024

2024200094 **Nagy, T.; Nagy, E.** The nature of the amendment is: Amend the divisional details to read 2021200683

Alteration of Name(s) of Applicant(s)/Patentee(s)**2004**

2004303778 **KELLOGG COMPANY** The name of the patentee has been altered to **Kellanova**

2004303828 **KELLOGG COMPANY** The name of the patentee has been altered to **Kellanova**

2007

2007202940 Ellergon Antriebstechnik GmbH The name of the patentee has been altered to **Geislinger Group GmbH**

2008

2008200627 Ellergon Antriebstechnik GmbH The name of the patentee has been altered to **Geislinger Group GmbH**

2008274980 **KELLOGG COMPANY** The name of the patentee has been altered to **Kellanova**

2008304130 **KELLOGG COMPANY** The name of the patentee has been altered to **Kellanova**

Amendments

2008308899 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2009

2009202283 Ellergon Antriebstechnik GmbH The name of the patentee has been altered to **Geislinger Group GmbH**

2009256106 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2009257426 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2009288034 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2009303597 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2009343806 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2010

2010279455 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2010282710 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2011

2011328949 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2011332841 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2011336548 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2011362612 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2011371249 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2012

2012236641 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2012268324 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2012323324 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2012323912 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

Amendments

2012323913 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2013

2013202048 Ellergon Antriebstechnik GmbH The name of the patentee has been altered to **Geislinger Group GmbH**

2013202198 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2013209313 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2014

2014250119 Ten Medical Design AB The name of the patentee has been altered to **Texray AB**

2014365829 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2015

2015230717 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2016

2016233602 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2016261635 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2016264218 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2016294519 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2016355306 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2016374242 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2017

2017202871 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2017210152 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2017229762 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2017259271 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

Amendments

2017311199 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2017335772 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2018

2018100042 TOX FREE AUSTRALIA PTY LTD The name of the patentee has been altered to **Cleanaway Co Pty Ltd**

2018203516 Ellergon Antriebstechnik GmbH The name of the patentee has been altered to **Geislinger Group GmbH**

2018205799 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2018211020 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2018239923 KELLOGG COMPANY The name of the patentee has been altered to **Kellanova**

2018294317 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2018321542 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019

2019201987 Pangaea Laboratories Limited The name of the applicant has been altered to **MEDIK8 LIMITED**

2019215142 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019221494 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019229236 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019239843 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019253023 Modis Therapeutics Inc. The name of the applicant has been altered to **Zogenix MDS, Inc.**

2019271033 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019290638 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019317440 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2019346427 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

Amendments

2019356939 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019357611 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019359386 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2019417836 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2019418816 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020

2020205946 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2020221847 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020231323 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2020245792 Societe d'Exploitation de Produits Pour Les Industries Chimiques SEPPIC; Total Marketing Services The name of the applicant has been altered to **Societe d'Exploitation de Produits Pour Les Industries Chimiques SEPPIC; TOTALENERGIES ONETECH**

2020248416 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2020291887 Ten Medical Design AB The name of the applicant has been altered to **Texray AB**

2020334060 Modis Therapeutics Inc. The name of the applicant has been altered to **Zogenix MDS, Inc.**

2020354645 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2020403276 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2021

2021203835 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2021217133 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2021218254 Emerging Viral Diagnostics (HK) Limited The name of the applicant has been altered to **Emerging Viral Diagnostics (HK) Limited; THE HONG KONG POLYTECHNIC UNIVERSITY**

2021286413 Ellergon Antriebstechnik Gesellschaft m.b.H. The name of the applicant has been altered to **Geislinger Group GmbH**

Amendments

2021332365 HYZON MOTORS INC. The name of the applicant has been altered to **Hyzon Motors USA Inc.**

2021333803 HYZON MOTORS INC. The name of the applicant has been altered to **Hyzon Motors USA Inc.**

2021334352 HYZON MOTORS INC. The name of the applicant has been altered to **Hyzon Motors USA Inc.**

2021359639 EAR SCIENCE INSTITUTE AUSTRALIA The name of the applicant has been altered to **EAR SCIENCE INSTITUTE AUSTRALIA INCORPORATED**

2021362646 HYZON MOTORS INC. The name of the applicant has been altered to **Hyzon Motors USA Inc.**

2021413090 HYZON MOTORS INC. The name of the applicant has been altered to **Hyzon Motors USA Inc.**

2021413758 HYZON MOTORS INC. The name of the applicant has been altered to **Hyzon Motors USA Inc.**

2021454223 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2022

2022204150 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2022308717 NEW YORK UNIVERSITY; COMMON SCENTS INC. The name of the applicant has been altered to **NEW YORK UNIVERSITY; Canaery, Inc.**

2022322918 KELLOGG COMPANY The name of the applicant has been altered to **Kellanova**

2023

2023282208 Tox Free Australia Pty Ltd The name of the applicant has been altered to **Cleanaway Co Pty Ltd**

2023285762 Tempus Labs, Inc. The name of the applicant has been altered to **Tempus AI, Inc.**

2023900354 Amplia Therapeutics Limited The name of the applicant has been altered to **Garvan Institute of Medical Research; Amplia Therapeutics Limited**

2023901860 Devlin, Rory; Spijkers-Shaw, Sam; Zubkova, Olga; Young, Sarah; Shields, Nicholas The name of the applicant has been altered to **Devlin, R.; Spijkers-Shaw, S.; Zubkova, O.; Young, S.; Shields, N.; LaFlamme, A.**

Applications Open to Public Inspection

Name Index

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

(71) Ablynx N.V.	(43) 22.02.2024	(71) Angel Group Co., Ltd.
(11) AU-A-2024200553	(72) LIN, Jung-Mao	(11) AU-A-2024200632
(21) 2024200553	(74) Collison & Co	(21) 2024200632 (22) 01.02.2024
(54) T cell recruiting polypeptides based on TCR alpha/beta reactivity		(54) CARD GAME MONITORING SYSTEM
(51) Int. Cl.		(51) Int. Cl.
C07K 16/28 (2006.01)		A63F 1/00 (2006.01)
C07K 16/30 (2006.01)		(43) 22.02.2024
C07K 16/46 (2006.01)		(62) 2021269430
(43) 22.02.2024		(72) Shigeta, Yasushi
(62) 2021232753		(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
(72) ROOBROUCK, Annelies; VAN HOO-RICK, Diane; VIEIRA, Joao		
(74) Spruson & Ferguson		
<hr/>		
(71) ABUS August Bremicker Söhne KG		(71) Angel Group Co., Ltd.
(11) AU-A-2023203274		(11) AU-A-2024200753
(21) 2023203274		(21) 2024200753 (22) 07.02.2024
(54) PADLOCK WITH REPLACEABLE LOCK HOOP		(54) TABLE GAME MANAGEMENT SYSTEM AND GAME TOKEN
(51) Int. Cl.		(51) Int. Cl.
E05B 67/24 (2006.01)		A63F 1/06 (2006.01)
(31) 102022119572.4	(32) 04.08.22 (33) DE	A44C 21/00 (2006.01)
(43) 22.02.2024		A63F 3/00 (2006.01)
(72) Fan, Wai Kuen		G07F 17/32 (2006.01)
(74) PHILLIPS ORMONDE FITZPATRICK		(43) 22.02.2024
<hr/>		(62) 2022200897
(71) Acceleron Pharma Inc.		(72) Shigeta, Yasushi
(11) AU-A-2024200684		(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
(21) 2024200684		
(54) Variant ActRIIB proteins and uses thereof		
(51) Int. Cl.		
C07K 14/71 (2006.01)		(71) Arbutus Biopharma Corporation
A61K 38/17 (2006.01)		(11) AU-A-2024200603
A61P 7/06 (2006.01)		(21) 2024200603 (22) 31.01.2024
C07K 16/46 (2006.01)		(54) SUBSTITUTED ARYLMETHYLUREAS AND HETEROARYLMETHYLUREAS, ANALOGUES THEREOF, AND METHODS USING SAME
(43) 22.02.2024		(51) Int. Cl.
(62) 2022201698		A01N 47/30 (2006.01)
(72) KUMAR, Ravindra; GRINBERG, Asya; VOGAN, Erik M.		A61P 31/12 (2006.01)
(74) Spruson & Ferguson		C07C 275/28 (2006.01)
<hr/>		(43) 22.02.2024
(71) Acer Incorporated		(62) 2019397481
(11) AU-A-2023208185		(72) COLE, Andrew G.; FAN, Yi; KULTGEN, Steven; MESAROS, Eugen
(21) 2023208185		(74) RnB IP
(54) METHOD OF USER EQUIPMENT RECEIVING MULTICAST MULTICAST/BROADCAST SERVICE DATA, UE, AND METHOD OF A CELL PROVIDING A MULTICAST MULTICAST/BROADCAST SERVICE DATA		
(51) Int. Cl.		
H04W 4/06 (2009.01)		(71) Arch Biopartners, Inc.
H04W 4/50 (2018.01)		(11) AU-A-2023285759
H04W 72/121 (2023.01)		(21) 2023285759 (22) 19.12.2023
H04W 72/23 (2023.01)		(54) DPEP-1 binding compositions and methods of use
(31) 63/394,625	(32) 03.08.22 (33) US	(51) Int. Cl.
18/344,895	A61K 31/198 (2006.01)	A61K 31/662 (2006.01)
	A61K 31/553 (2006.01)	A61K 38/10 (2006.01)
	A61P 35/00 (2006.01)	A61K 38/16 (2006.01)
		A61K 39/395 (2006.01)
		A61P 13/12 (2006.01)
		A61P 29/00 (2006.01)
		A61P 35/04 (2006.01)
		C07C 323/58 (2006.01)
		C07F 9/30 (2006.01)

Applications Open to Public Inspection - Name Index cont'd

- C07K 5/083** (2006.01)
C07K 7/06 (2006.01)
C07K 7/08 (2006.01)
C12N 9/64 (2006.01)
(43) 22.02.2024
(62) 2021203872
(72) ROBBINS, Stephen Mark; SENGER, Donna Lorraine; RAHN, Jennifer Joy; CHOUDHURY, Saurav Roy; LAU, Arthur Wing Sze; MURUVE, Daniel Abramham
(74) FB Rice Pty Ltd
-
- (71) Ariad Pharmaceuticals, Inc.
(11) AU-A-2024200624
(21) 2024200624 (22) 01.02.2024
(54) Benzimidazole compounds as c-Kit inhibitors
(51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4184 (2006.01)
A61P 11/06 (2006.01)
A61P 35/00 (2006.01)
C07D 235/08 (2006.01)
C07D 401/12 (2006.01)
C07D 403/04 (2006.01)
(43) 22.02.2024
(62) 2022201082
(72) Bencivenga, Nicholas E.; Dalgarno, David C.; Gozgit, Joseph M.; Huang, Wei-sheng; Kohlmann, Anna; Li, Feng; Qi, Jiwei; Shakespeare, William C.; Thomas, Ranny M.; Wang, Yihan; Zhang, Yun; Zhu, Xiaotian
(74) FPA Patent Attorneys Pty Ltd
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2022211898
(21) 2022211898 (22) 05.08.2022
(54) ELECTRONIC GAMING MACHINE, GAMING SYSTEM AND METHOD OF GAMING
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/25 (2014.01)
A63F 13/52 (2014.01)
(43) 22.02.2024
(72) MILETO, Claire; CHAN, Matthew; VIS-SER, Antoon
(74) Griffith Hack
-
- (71) Aristocrat Technologies, Inc.
(11) AU-A-2023204636
(21) 2023204636 (22) 12.07.2023
(54) SYSTEMS AND METHODS FOR DYNAMIC MONITOR DETECTION IN ELECTRONIC GAMING
(51) Int. Cl.
G07F 17/34 (2006.01)
(31) 17/957,798 (32) 30.09.22 (33) US 63/370,372 03.08.22 US
(43) 22.02.2024
(72) KUMAR, Deepak; OXFORD, Aaron; JOHNSON, Gabriel
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2022211903
(21) 2022211903 (22) 05.08.2022
(54) GAMING DEVICE WITH AWARD WHEELS
(51) Int. Cl.
G07F 17/32 (2006.01)
A63F 13/335 (2014.01)
(43) 22.02.2024
(72) Visser, Antoon; Kendall, Karen; Loader, James; Matos, Joshua; Ireland, Luke
(74) James & Wells Intellectual Property
-
- (71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2022211905
(21) 2022211905 (22) 05.08.2022
(54) GAMING DEVICE WITH FILLABLE SYMBOL POSITION PATTERN
(51) Int. Cl.
G07F 17/32 (2006.01)
(43) 22.02.2024
(72) Bennett, Nicholas
(74) James & Wells Intellectual Property
-
- (71) Arrowhead Pharmaceuticals, Inc.
(11) AU-A-2023275805
(21) 2023275805 (22) 05.12.2023
(54) 5'-cyclo-phosphonate modified nucleotides
(51) Int. Cl.
C07H 21/02 (2006.01)
C07H 19/20 (2006.01)
(43) 22.02.2024
(62) 2021266265
(72) Li, Zhen; PEI, Tao; LAWLER, Michael
(74) Davies Collison Cave Pty Ltd
-
- (71) Ascendis Pharma Growth Disorders A/S
(11) AU-A-2024200659
(21) 2024200659 (22) 02.02.2024
(54) Controlled-release CNP agonists with increased NEP stability
(51) Int. Cl.
A61K 47/50 (2017.01)
(43) 22.02.2024
(62) 2022209221
(72) Sprogøe, Kennett; Rau, Harald; Bernhard, Ana; Hersel, Ulrich; Cleemann, Felix; Wegge, Thomas
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
-
- (71) Bailey, R.
(11) AU-A-2022215165
(21) 2022215165 (22) 08.08.2022
(54) A FAN AND THERMOSTAT MOUNTING ASSEMBLY AND METHOD OF USE THEREOF
(51) Int. Cl.
F04D 29/64 (2006.01)
F04D 25/12 (2006.01)
F04D 29/60 (2006.01)
B60H 1/00 (2006.01)
F25D 17/06 (2006.01)
-
- (71) BASF SE
(11) AU-A-2024200670
(21) 2024200670 (22) 02.02.2024
(54) Methods for the purification of L-glufosinate
(51) Int. Cl.
A01N 57/20 (2006.01)
B01D 15/36 (2006.01)
G01N 23/207 (2018.01)
(43) 22.02.2024
(62) 2018304177
(72) FIELDS, Stephen Craig; OBER-HOLZER, Matthew Richard; GREEN, Brian Michael; KULKARNI, Samir; NELSON, Jennifer; ANDRES, Patricia
(74) Griffith Hack
-
- (71) Battery Graphene Corp Pty Ltd
(11) AU-A-2022211865
(21) 2022211865 (22) 04.08.2022
(54) A battery management system assembly
(51) Int. Cl.
H02J 7/00 (2006.01)
H01M 10/613 (2014.01)
H01M 10/615 (2014.01)
H01M 10/63 (2014.01)
H01M 10/65 (2014.01)
H02J 7/14 (2006.01)
H01M 10/0525 (2010.01)
H01M 10/625 (2014.01)
(43) 22.02.2024
(72) SPOONER, Dominic; DOUVEN, Jerome
(74) Sprusion & Ferguson
-
- (71) Beijing Baidu Netcom Science Technology Co., Ltd.
(11) AU-A-2023201828
(21) 2023201828 (22) 23.03.2023
(54) Simulation method, apparatus, device and storage medium
(51) Int. Cl.
G06N 10/00 (2022.01)
G06F 30/20 (2020.01)
(31) 202210934651.2 (32) 04.08.22 (33) CN
(43) 22.02.2024
(72) WANG, Yuxuan; JIN, Lijing
(74) Davies Collison Cave Pty Ltd
-
- (71) Beijing Baidu Netcom Science Technology Co., Ltd.
(11) AU-A-2023202346
(21) 2023202346 (22) 17.04.2023
(54) Coupling component applied to quantum chip, quantum chip and quantum computing device
(51) Int. Cl.
G06N 10/40 (2022.01)
(31) 202210948015.5 (32) 08.08.22 (33) CN

Applications Open to Public Inspection - Name Index cont'd

(43) 22.02.2024
 (72) Li, Feiyu; Jin, Lijing
 (74) Davies Collison Cave Pty Ltd

(71) Beijing Baidu Netcom Science Technology Co., Ltd.
 (11) AU-A-2023202379
 (21) 2023202379 (22) 19.04.2023
 (54) SIMULATION METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM
 (51) Int. Cl.
G06N 10/80 (2022.01)
G06N 10/40 (2022.01)
 (31) 202210934648.0 (32) 04.08.22 (33) CN
 (43) 22.02.2024
 (72) Jin, Lijing; Wang, Yuxuan
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Ben Brogan Pty Ltd
 (11) AU-A-2023210666
 (21) 2023210666 (22) 04.08.2023
 (54) SYSTEM AND METHOD OF PERMITTING CASHLESS AND CONTACTLESS FUNDS TRANSFER
 (51) Int. Cl.
G06Q 20/32 (2012.01)
G06K 19/06 (2006.01)
G06Q 50/34 (2012.01)
G07F 17/32 (2006.01)
H04L 9/32 (2006.01)
H04W 4/02 (2018.01)
 (31) 2022902195 (32) 04.08.22 (33) AU
 (43) 22.02.2024
 (72) Brogan, Benjamin
 (74) Murray Trento & Associates Pty Ltd

(71) BeyondSpring Pharmaceuticals, Inc.
 (11) AU-A-2024200709
 (21) 2024200709 (22) 06.02.2024
 (54) Compositions of plinabulin and use thereof
 (51) Int. Cl.
A61K 31/40 (2006.01)
A61K 31/04 (2006.01)
A61K 31/496 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
 (43) 22.02.2024
 (62) 2018236168
 (72) Mohanlal, Ramon; Huang, Lan; Lloyd, George Kenneth
 (74) Griffith Hack

(71) BEYONDSPRING PHARMACEUTICALS, INC.
 (11) AU-A-2024200672
 (21) 2024200672 (22) 02.02.2024
 (54) Use of plinabulin in combination with immune checkpoint inhibitors
 (51) Int. Cl.
A61K 31/496 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)

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 (62) 2021202416
 (72) HUANG, Lan; LEE, Gloria Tsi-yie
 (74) Griffith Hack

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024200607
 (21) 2024200607 (22) 31.01.2024
 (54) Pneumatic or hydraulic powered tissue closure devices
 (51) Int. Cl.
A61B 17/068 (2006.01)
A61B 17/04 (2006.01)
 (43) 22.02.2024
 (62) 2020388053
 (72) COMEE, Shaun D.; VENUTO, Kathryn
 (74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.
 (11) AU-A-2024200643
 (21) 2024200643 (22) 02.02.2024
 (54) Operating room devices, methods, and systems
 (51) Int. Cl.
G16H 40/63 (2018.01)
G16H 20/40 (2018.01)
 (43) 22.02.2024
 (62) 2018266132
 (72) RAUNIYAR, Niraj; HARRAH, Timothy; PEREIRA, Peter J.; WONG, Eric; STANHOPE, William; MACLEAN, Brian; CRAFT, Brandon; PERRY, Stuart; GASTROCK, William
 (74) Spruson & Ferguson

(71) Brown, D.
 (11) AU-A-2024200650
 (21) 2024200650 (22) 02.02.2024
 (54) Therapeutic benefit of suboptimally administered chemical compounds
 (51) Int. Cl.
A61K 31/7024 (2006.01)
A61K 31/336 (2006.01)
 (43) 22.02.2024
 (62) 2021257978
 (72) Brown, Dennis
 (74) Griffith Hack

(71) Brown, D.
 (11) AU-A-2024200718
 (21) 2024200718 (22) 06.02.2024
 (54) Compositions and methods to improve the therapeutic benefit of suboptimally administered chemical compounds including substituted hexitols such as dibromodulcitol
 (51) Int. Cl.
C07C 31/34 (2006.01)
A61K 31/047 (2006.01)
A61K 31/70 (2006.01)
A61P 35/00 (2006.01)
 (43) 22.02.2024
 (62) 2021250847
 (72) BROWN, Dennis
 (74) Spruson & Ferguson

(71) Canon Kabushiki Kaisha
 (11) AU-A-2024200755
 (21) 2024200755 (22) 07.02.2024
 (54) Cartridge, attachment, and mounting kit
 (51) Int. Cl.

F16D 3/04 (2006.01)
F16D 1/112 (2006.01)
G03G 15/00 (2006.01)
G03G 15/08 (2006.01)
G03G 21/16 (2006.01)
G03G 21/18 (2006.01)

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 (72) OZAKI, Goshi; KAMOSHIDA, Shigemi; KOISHI, Isao; KUBO, Yukio; KOMATSU, Noriyuki; UESUGI, Tetsuo
 (74) Spruson & Ferguson

(71) CCTEG COAL MINING RESEARCH INSTITUTE
 (11) AU-A-2022446293
 (21) 2022446293 (22) 01.11.2022
 (54) METHOD FOR PREVENTING AND CONTROLLING ROCK BURST FROM SOURCE BY FRACTURING ROOF REGION OF COAL MINE
 (51) Int. Cl.
E21C 37/00 (2006.01)
 (31) 202210926215.0 (32) 03.08.22 (33) CN
 (43) 22.02.2024
 (72) PAN, Junfeng; MA, Wentao; ZHANG, Chenyang; GAO, Jiaming; LU, Chuang
 (74) LexGeneris Pty Ltd

(71) CDM Smith Inc.
 (11) AU-A-2023210631
 (21) 2023210631 (22) 03.08.2023
 (54) DRONE-BASED VEGETATION ASSESSMENT
 (51) Int. Cl.
G06F 18/24 (2023.01)
G01C 11/02 (2006.01)
G05D 1/00 (2024.01)
G06N 3/08 (2023.01)
G06N 20/00 (2019.01)
G06T 7/11 (2017.01)
G06T 7/77 (2017.01)
G06V 10/22 (2022.01)
G06V 10/70 (2022.01)
G06V 20/17 (2022.01)
 (31) 17/817,278 (32) 03.08.22 (33) US
 (43) 22.02.2024
 (72) Brown, Brendan V.; Reicks, Andrew C.
 (74) Madderns Pty Ltd

(71) CEEK Women's Health, Inc.
 (11) AU-A-2024200609
 (21) 2024200609 (22) 01.02.2024
 (54) Lighting module for a medical device and methods for using the same
 (51) Int. Cl.
A61B 1/303 (2006.01)
A61B 1/00 (2006.01)
A61B 1/06 (2006.01)
A61B 1/32 (2006.01)

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 (74) AJ PARK
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 (21) 2024200737 (22) 07.02.2024
 (54) PHARMACEUTICAL USE OF AN EXTENDED-RELEASE COMPOSITION CONTAINING PIRFENIDONE FOR THE TREATMENT AND REVERSAL OF HUMAN STEATOHEPATITIS (NAFLD/NASH)
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 31/4412 (2006.01)
A61P 1/16 (2006.01)
 (43) 22.02.2024
 (62) 2017358367
 (72) Armendáriz Borunda, Juan Socorro; Magaña Castro, José Agustín Rogelio; Hernández Aldana, Nadiel
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 (21) 2024200667
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- (71) Chongqing Changan Automobile Co., Ltd.
 (11) AU-A-2024200289
 (21) 2024200289 (22) 17.01.2024
 (54) SKIN CHANGING METHOD AND APPARATUS FOR DISPLAY INTERFACE, VEHICLE AND STORAGE MEDIUM
 (51) Int. Cl.
G06F 9/451 (2018.01)
G06F 3/01 (2006.01)
G06F 3/14 (2006.01)
G06F 9/445 (2018.01)
 (31) 202311768624.3 (32) 20.12.23 (33) CN
 (43) 22.02.2024
 (72) Chen, Jiayuan; Yang, Ling
 (74) Madderns Pty Ltd
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- (71) ConMed Corporation
 (11) AU-A-2024200628
 (21) 2024200628 (22) 01.02.2024
 (54) SUTURE ANCHOR DRIVER
 (51) Int. Cl.
A61B 17/04 (2006.01)
 (43) 22.02.2024
 (62) 2021254520
 (72) LOMBARDO, Giuseppe; BRESLICH, Grady; SUMMITT, Matthew C.; ALFONSO, Gregory A.; THIBODEAU, Robert A.
 (74) Griffith Hack
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- (71) Cornell University
 (11) AU-A-2024200656
 (21) 2024200656 (22) 02.02.2024
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- (54) Identifying status of male fertility by determining sperm capacitation
 (51) Int. Cl.
G01N 33/68 (2006.01)
C07K 2/00 (2006.01)
 (43) 22.02.2024
 (62) 2021203685
 (72) TRAVIS, Alexander J.; PALERMO, Giampiero
 (74) Spruson & Ferguson
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- (71) Cosmo Artificial Intelligence - Ai Limited
 (11) AU-A-2024200686
 (21) 2024200686 (22) 05.02.2024
 (54) SYSTEMS AND METHODS FOR PROCESSING REAL-TIME VIDEO FROM A MEDICAL IMAGE DEVICE AND DETECTING OBJECTS IN THE VIDEO
 (51) Int. Cl.
G06T 7/00 (2017.01)
A61B 1/00 (2006.01)
A61B 1/31 (2006.01)
G06N 3/04 (2023.01)
 (43) 22.02.2024
 (62) 2019286546
 (72) NGO DINH, Nhan; EVANGELISTI, Giulio; NAVARI, Flavio
 (74) Adams Pluck
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- Cripps Clark, J. see Cripps Clark, J.**
 (21) 2024200474
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- (71) Cripps Clark, J.; Cripps Clark, J.
 (11) AU-A-2024200474
 (21) 2024200474 (22) 25.01.2024
 (54) DevHauxSoak device and infrastructure supporting high reliability and safety oriented auxiliary block chain functions and for delivering geographic/economic equity in block chain enabled systems of any kind where further protocol may be needed to allow for lag or for later invoked conditional operating actions (including cancellations, updates) using logic coordinating earlier preparation for possible future network unavailability or degradation made by a user in a less well serviced network environment.
 (51) Int. Cl.
G16Y 30/10 (2020.01)
G06Q 10/10 (2023.01)
H04W 12/06 (2021.01)
G06F 11/30 (2006.01)
G06F 21/50 (2013.01)
H04L 43/10 (2022.01)
H04L 67/12 (2022.01)
 (43) 22.02.2024
 (62) 2022201926,2022203235
 (72) Cripps Clark, Julianne
 (74) Julianne Mary Cripps Clark
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- (71) Dalian Institute of Chemical Physics, Chinese Academy of Sciences
 (11) AU-A-2024200734
 (21) 2024200734 (22) 06.02.2024
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 (51) Int. Cl.
H01M 10/36 (2010.01)
 (43) 22.02.2024
 (62) 2019466049
 (72) Li, Xianfeng; Xie, Congxin; Zhang, Huamin
 (74) Madderns Pty Ltd
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- (71) Dana-Farber Cancer Institute, Inc.
 (11) AU-A-2024200592
 (21) 2024200592 (22) 31.01.2024
 (54) Chimeric antigen receptors and methods of use thereof
 (51) Int. Cl.
C07K 14/705 (2006.01)
C07K 14/725 (2006.01)
C07K 14/735 (2006.01)
C07K 19/00 (2006.01)
 (43) 22.02.2024
 (62) 2022200257
 (72) MARASCO, Wayne A.
 (74) Spruson & Ferguson
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- (71) Daniel S. O'Toole
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 (21) 2024200570 (22) 31.01.2024
 (54) A dock for a drone
 (51) Int. Cl.
A47G 29/14 (2006.01)
A47G 29/122 (2006.01)
A47G 29/124 (2006.01)
A47G 29/20 (2006.01)
B64D 1/12 (2006.01)
B64F 1/32 (2006.01)
 (43) 22.02.2024
 (62) 2021260549
 (72) O'Toole, Daniel
 (74) Stellar Law Pty Ltd
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- (71) Deere & Company
 (11) AU-A-2023204141
 (21) 2023204141 (22) 29.06.2023
 (54) Use of coverage areas in controlling agricultural machine operations
 (51) Int. Cl.
A01C 21/00 (2006.01)
A01M 7/00 (2006.01)
G05D 1/00 (2024.01)
 (31) 17/879,179 (32) 02.08.22 (33) US
 (43) 22.02.2024
 (72) Katti, Amey; Schleicher, Tyler D.
 (74) Davies Collison Cave Pty Ltd
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- (71) Deere & Company
 (11) AU-A-2023204142
 (21) 2023204142 (22) 29.06.2023
 (54) System and method for controlling soil compaction
 (51) Int. Cl.
A01B 79/00 (2006.01)
A01C 21/00 (2006.01)
 (31) 17/879,193 (32) 02.08.22 (33) US

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 (74) Davies Collison Cave Pty Ltd

(71) DEKA Products Limited Partnership
 (11) AU-A-2024200644
 (21) 2024200644 (22) 02.02.2024
 (54) Water Distillation Apparatus, Method And System
 (51) Int. Cl.
B01D 1/00 (2006.01)
 (43) 22.02.2024
 (62) 2019361701
 (72) LAROCQUE, Ryan K.; BAKER, Michael A.; KERWIN, John M.; RAVIN-RAN, Aaditya; GRAY, Larry B.; MC-CAULEY, Sean; COLBURN, Benjamin E.; BHAT, Prashant; PRESCOTT, Shannon; GRAY, Brian G.
 (74) HENRY HUGHES IP LTD

(71) Dental Robotics Group B.V.
 (11) AU-A-2024200690
 (21) 2024200690 (22) 05.02.2024
 (54) Method of manufacturing bristled pad and mouthpiece for brushing plurality of dental positions, mouthpiece and bristle pad
 (51) Int. Cl.
A61C 17/22 (2006.01)
A46B 9/04 (2006.01)
A61C 17/32 (2006.01)
 (43) 22.02.2024
 (62) 2021208885
 (72) VAN DIJK, Joppe Gideon; SNIJDER, Tim Anton; VAN DE WATER, Thomas
 (74) Spruson & Ferguson

(71) Dermal Biomics, Inc.
 (11) AU-A-2024200683
 (21) 2024200683 (22) 05.02.2024
 (54) NONWOVEN WIPES, CLEANING COMPOSITIONS, AND ASSOCIATED PACKAGING
 (51) Int. Cl.
A47K 7/00 (2006.01)
B65D 83/08 (2006.01)
D21H 13/08 (2006.01)
 (43) 22.02.2024
 (62) 2018225661
 (72) Nolan, James; Fare, Michael J.; Blice, Rebecca L.; McNeeley, Carolyn M.; Carlson, Jess P.; Payumo, Maynard
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Dezinal Pty Ltd
 (11) AU-A-2022211823
 (21) 2022211823 (22) 02.08.2022
 (54) Building window
 (51) Int. Cl.
E05D 1/06 (2006.01)
E05D 1/04 (2006.01)
E05D 7/10 (2006.01)
E05F 15/53 (2015.01)

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 (72) MAXWELL, Ronald
 (74) Spruson & Ferguson

(71) Dolby International AB
 (11) AU-A-2024200616
 (21) 2024200616 (22) 01.02.2024
 (54) Complex Exponential Modulated Filter Bank for High Frequency Reconstruction or Parametric Stereo
 (51) Int. Cl.
H03H 17/02 (2006.01)
 (43) 22.02.2024
 (62) 2022241538
 (72) Ekstrand, Per
 (74) Chrysiliou IP

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 (21) 2024200627

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 (21) 2024200687 (22) 05.02.2024
 (54) Backward-compatible integration of high frequency reconstruction techniques for audio signals
 (51) Int. Cl.
G10L 19/02 (2013.01)
G10L 19/00 (2013.01)
G10L 19/16 (2013.01)
H04N 19/00 (2014.01)
 (43) 22.02.2024
 (62) 2023255020
 (72) KJOERLING, Kristofer; VILLEMOES, Lars; PURNHAGEN, Heiko; EK-STRAND, Per
 (74) Spruson & Ferguson

(71) Dolby Laboratories Licensing Corporation; Dolby International AB
 (11) AU-A-2024200627
 (21) 2024200627 (22) 01.02.2024
 (54) Rendering of audio objects with apparent size to arbitrary loudspeaker layouts
 (51) Int. Cl.
H04S 3/00 (2006.01)
 (43) 22.02.2024
 (62) 2021261862
 (72) MATEOS SOLE, Antonio; TSINGOS, Nicolas R.
 (74) Spruson & Ferguson

(71) Dometic Sweden AB
 (11) AU-A-2024200685
 (21) 2024200685 (22) 05.02.2024
 (54) Mobile cooking box with handle module
 (51) Int. Cl.
F25D 3/08 (2006.01)
 (43) 22.02.2024
 (62) 2019284129
 (72) GUAN, Wade; THELIN, Mikael; WANG, Kingda; CHEN, Yuelong
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(71) Double Double D, LLC
 (11) AU-A-2024200662
 (21) 2024200662 (22) 02.02.2024
 (54) DEGRADABLE CONTAINMENT FEATURES
 (51) Int. Cl.
D21H 19/82 (2006.01)
B32B 9/06 (2006.01)
B32B 27/10 (2006.01)
B32B 29/00 (2006.01)
B65D 65/42 (2006.01)
D21H 27/10 (2006.01)
 (43) 22.02.2024
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 (72) DOSTER, Daniel G.; WARNER, Jim F.; DEBROSSE, Michael A.
 (74) Murray Trento & Associates Pty Ltd

(71) Dräger Safety AG & Co. KGaA
 (11) AU-A-2024200664
 (21) 2024200664 (22) 02.02.2024
 (54) Process for Analyzing Data of at Least One Mobile Gas Measuring Device and of a Stationary Gas Measuring Device as Well as System for Monitoring at Least One Gas Concentration
 (51) Int. Cl.
G01M 3/16 (2006.01)
F17D 3/18 (2006.01)
G08B 21/16 (2006.01)
 (43) 22.02.2024
 (62) 2022201395
 (72) BERNDT, Malte; RODEHORST, Christopher; MAAS, Raphael
 (74) Oxygene IP

(71) DSG Technology Holdings Ltd.
 (11) AU-A-2024200669
 (21) 2024200669 (22) 02.02.2024
 (54) ABSORBENT MATERIAL, AND SYSTEM AND METHOD OF MAKING SAME
 (51) Int. Cl.
D21D 1/20 (2006.01)
D21D 1/30 (2006.01)
 (43) 22.02.2024
 (62) 2018224296
 (72) Varona, Eugenio; Wright, Andrew; Smid, Dennis
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Eli Lilly and Company
 (11) AU-A-2024200626
 (21) 2024200626 (22) 01.02.2024
 (54) Methods and apparatus for determining device dosage
 (51) Int. Cl.
G16H 20/13 (2018.01)
G16H 20/17 (2018.01)
 (43) 22.02.2024
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 (72) ANDREWS, Jeffrey Sterling; HE, Xuan-yao; XUE, Jie
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 (11) AU-A-2024200653
 (21) 2024200653 (22) 02.02.2024
 (54) SYSTEM AND METHOD FOR FACILITATING AFFECTIVE-STATE-BASED ARTIFICIAL INTELLIGENCE
 (51) Int. Cl.
G06N 20/00 (2019.01)
 (43) 22.02.2024
 (62) 2019212839
 (72) FEINSON, Roy; KATZ, Ariel Mikhael; KARLIN, Michael Joseph
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Escala Medical Ltd.
 (11) AU-A-2024200602
 (21) 2024200602 (22) 31.01.2024
 (54) Anchor delivery system and method
 (51) Int. Cl.
A61F 6/08 (2006.01)
A61B 17/84 (2006.01)
 (43) 22.02.2024
 (62) 2017370101
 (72) Goldberg, Edit; Weisbrod, Hagay; Sobol, Moran; Harari, Shahar
 (74) Belyea IP
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- (71) F. Hoffmann-La Roche AG
 (11) AU-A-2024200623
 (21) 2024200623 (22) 01.02.2024
 (54) Type II anti-CD20 antibody for reducing formation of anti-drug antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
C07K 16/30 (2006.01)
 (43) 22.02.2024
 (62) 2016368469
 (72) Bacac, Marina; Evers, Stefan; Klein, Christian; Pisa, Pavel; Rossmann, Eva; Saro, Jose; Umaña, Pablo
 (74) Griffith Hack
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- (71) FISHER & PAYKEL HEALTHCARE LIMITED
 (11) AU-A-2024200633
 (21) 2024200633 (22) 02.02.2024
 (54) NASAL CANNULA
 (51) Int. Cl.
A61M 16/06 (2006.01)
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 (72) Evans, Alicia Jerram Hunter; White, Craig Karl; Oldfield, Samantha Dale; Assi, Milanjot Singh; Scheirlinck, Erik Robertus; Spence, Callum James Thomas; Gulliver, Laurence; Cheung, Dexter Chi Lun; Barraclough, Michael; Payton, Matthew Jon
 (74) AJ PARK
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- (71) Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
 (11) AU-A-2024200696
 (21) 2024200696 (22) 05.02.2024
- (54) Matrix based intra prediction with mode-global settings
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/147 (2014.01)
H04N 19/156 (2014.01)
H04N 19/176 (2014.01)
H04N 19/593 (2014.01)
H04N 19/70 (2014.01)
 (43) 22.02.2024
 (62) 2020397503
 (72) PFAFF, Jonathan; HINZ, Tobias; HELLE, Philipp; MERKLE, Philipp; STALLENBERGER, Björn; SCHÄFER, Michael; BROSS, Benjamin; WINKEN, Martin; SIEKMANN, Mischa; SCHWARZ, Heiko; MARPE, Detlev; WIEGAND, Thomas
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 (11) AU-A-2024200715
 (21) 2024200715 (22) 06.02.2024
 (54) Method, device and computer program for detecting one or more objects in the seabed
 (51) Int. Cl.
G01V 1/30 (2006.01)
G01V 1/36 (2006.01)
 (43) 22.02.2024
 (62) 2020308642
 (72) RAMOS CORDOVA, Carlos; PREU, Benedict; STANGE, Nikolas; KEIL, Hanno; SPIEß, Volkhard; WENAU, Stefan
 (74) Spruson & Ferguson
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- (71) Fredette, B.
 (11) AU-A-2024200710
 (21) 2024200710 (22) 06.02.2024
 (54) System and method for managing event access rights
 (51) Int. Cl.
G06Q 30/08 (2012.01)
G06Q 10/00 (2023.01)
 (43) 22.02.2024
 (62) 2022200342
 (72) Fredette, Benoît
 (74) Davies Collison Cave Pty Ltd
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- (71) Google LLC
 (11) AU-A-2024200600
 (21) 2024200600 (22) 31.01.2024
 (54) REDUCING ERRORS WITH CIRCUIT GAUGE SELECTION
 (51) Int. Cl.
G06N 10/00 (2022.01)
 (43) 22.02.2024
 (62) 2020386373
 (72) MCCLEAN, Jarrod Ryan; BOIXO CASTRILLO, Sergio; GIDNEY, Craig; SMELYANSKIY, Vadim
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Halliburton Energy Services, Inc.
 (11) AU-A-2024200729
 (21) 2024200729 (22) 06.02.2024
 (54) Self-orienting selective lockable assembly to regulate subsurface depth and positioning
 (51) Int. Cl.
E21B 23/01 (2006.01)
E21B 33/12 (2006.01)
E21B 43/10 (2006.01)
 (43) 22.02.2024
 (62) 2022205232
 (72) DURST, Douglas Glenn; PONTON, Calvin Barnard
 (74) Spruson & Ferguson

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 (11) AU-A-2024200707
 (21) 2024200707 (22) 06.02.2024
 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTRA PREDICTION
 (51) Int. Cl.
H04N 19/11 (2014.01)
H04N 19/13 (2014.01)
H04N 19/70 (2014.01)
 (43) 22.02.2024
 (62) 2020246733
 (72) Wang, Biao; Esenlik, Semih; Kotra, Anand Meher; Gao, Han; Chen, Jianle
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024200708
 (21) 2024200708 (22) 06.02.2024
 (54) AN ENCODER, A DECODER AND CORRESPONDING METHODS FOR INTRA PREDICTION
 (51) Int. Cl.
H04N 19/593 (2014.01)
H04N 19/159 (2014.01)
 (43) 22.02.2024
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 (72) Wang, Biao; Esenlik, Semih; Kotra, Anand Meher; Gao, Han; Chen, Jianle
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Huawei Technologies Co., Ltd.
 (11) AU-A-2024200725
 (21) 2024200725 (22) 06.02.2024
 (54) Deblocking filter for sub-partition boundaries caused by intra sub-partition coding tool
 (51) Int. Cl.
H04N 19/86 (2014.01)
H04N 19/159 (2014.01)
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B65B 65/00 (2006.01)
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B65G 57/30 (2006.01)
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F24C 15/32 (2006.01)
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A47J 36/00 (2006.01)
A47L 15/42 (2006.01)
D06F 34/00 (2020.01)
F25B 49/00 (2006.01)
F25D 23/02 (2006.01)
F25D 29/00 (2006.01)
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 H04N 19/137 (2014.01)
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B23C 3/12 (2006.01)
B26D 3/16 (2006.01)
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C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
 (43) 22.02.2024
 (62) 2017302668
 (72) Anak, Oezlem; Bilic, Sanela; Brogdon, Jennifer; Cameron, John Scott; Chou, William; Howard, Danny Roland Jr.; Isaacs, Randi; June, Carl H.; Lacey, Simon; Maude, Shannon; Melenhorst, Jan J.; Schuster, Stephen; Quintas-Cardama, Alfonso; Grupp, Stephan; Bitter, Hans
 (74) Davies Collison Cave Pty Ltd
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- (71) Novel Microdevices, LLC
 (11) AU-A-2024200642
 (21) 2024200642 (22) 02.02.2024
 (54) AUTOMATED POINT-OF-CARE DEVICES FOR COMPLEX SAMPLE PROCESSING AND METHODS OF USE THEREOF
 (51) Int. Cl.
G01N 33/487 (2006.01)
B65D 35/56 (2006.01)
B65D 47/36 (2006.01)
 (43) 22.02.2024
 (62) 2017368329
 (72) Pais, Andrea; Pais, Rohan
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Optimum Tracker SAS
 (11) AU-A-2024200584
 (21) 2024200584 (22) 31.01.2024
 (54) Solar array with a reference solar power plant for an improved management
 (51) Int. Cl.
H02S 20/32 (2014.01)
G05D 3/10 (2006.01)
 (43) 22.02.2024
 (62) 2021286249
 (72) Michotte De Welle, Madyan; Arliaud, Jérôme
 (74) Clark Intellectual Property Pty Ltd

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(71) Orama Minimal Frames Ltd
 (11) AU-A-2024200728
 (21) 2024200728 (22) 06.02.2024
 (54) SEMI-INVISIBLE COMBINATION FOR SLIDING DOORS WHICH ALLOWS THE UNHINDERED PASSAGE
 (51) Int. Cl.
E06B 3/46 (2006.01)
E05D 15/06 (2006.01)
 (43) 22.02.2024
 (62) 2018207350
 (72) Tsimbikos, Georgios
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) OREN, R.
 (11) AU-A-2023206221
 (21) 2023206221 (22) 21.07.2023
 (54) Method for producing a tool including a sheet
 (51) Int. Cl.
B32B 27/10 (2006.01)
B32B 27/16 (2006.01)
B32B 29/00 (2006.01)
 (31) 295305 (32) 02.08.22 (33) IL
 (43) 22.02.2024
 (72) OREN, Ronen
 (74) A.P.T. Patent and Trade Mark Attorneys

(71) Oxford Green Homes Pty Ltd
 (11) AU-A-2023210580
 (21) 2023210580 (22) 02.08.2023
 (54) PANEL BUILDING AND INSULATION SYSTEM
 (51) Int. Cl.
E04B 1/04 (2006.01)
E04B 1/76 (2006.01)
E04B 2/44 (2006.01)
E04B 1/38 (2006.01)
E04B 2/02 (2006.01)
E04C 2/04 (2006.01)
 (31) 2022902172 (32) 02.08.22 (33) AU
 (43) 22.02.2024
 (72) Robinson, James
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Panasonic Intellectual Property Corporation of America
 (11) AU-A-2024200587
 (21) 2024200587 (22) 31.01.2024
 (54) ENCODER, DECODER, ENCODING METHOD, AND DECODING METHOD
 (51) Int. Cl.
H04N 19/52 (2014.01)
 (43) 22.02.2024
 (62) 2023201643
 (72) LI, Jing Ya; LIM, Chong Soon; SHASHIDHAR, Sughosh Pavan; LIAO, Ru Ling; SUN, Hai Wei; TEO, Han Boon; ABE, Kiyofumi; TOMA, Tadama; NISHI, Takahiro
 (74) Griffith Hack

(71) Pande, S.
 (11) AU-A-2022211917
 (21) 2022211917 (22) 05.08.2022
 (54) Stair Crusher
 (51) Int. Cl.
B62B 5/02 (2006.01)
B62B 1/02 (2006.01)
B65G 69/30 (2006.01)
E04F 11/00 (2006.01)
 (43) 22.02.2024
 (72) Davies, Graham
 (74) Santosh Pande

(71) Reata Pharmaceuticals Holdings, LLC
 (11) AU-A-2024200693
 (21) 2024200693 (22) 05.02.2024
 (54) Methods of treating Alport syndrome using bardoxolone methyl or analogs thereof
 (51) Int. Cl.
A61K 31/56 (2006.01)
A61P 13/12 (2006.01)
 (43) 22.02.2024
 (62) 2017356955
 (72) Meyer, Colin J.
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2024200577
 (21) 2024200577 (22) 31.01.2024
 (54) NON-HUMAN ANIMALS EXPRESSING EXOGENOUS TERMINAL DEOXYNUCLEOTIDYLTRANSFERASE
 (51) Int. Cl.
A01K 67/027 (2006.01)
C07K 16/00 (2006.01)
C07K 16/46 (2006.01)
C12N 9/12 (2006.01)
C12N 15/85 (2006.01)
C12N 15/90 (2006.01)
 (43) 22.02.2024
 (62) 2017272337
 (72) Macdonald, Lynn; Murphy, Andrew J.; Guo, Chenguang; Levenkova, Natasha; Tu, Naxin; McWhirter, John; Voronina, Vera; Harris, Faith
 (74) PHILLIPS ORMONDE FITZPATRICK

Retractable Technologies, Inc. see Shaw, T.
 (21) 2024200594

(71) Rite-Hite Holding Corporation
 (11) AU-A-2024200657
 (21) 2024200657 (22) 02.02.2024
 (54) Apparatus and methods for door curtain breakaway detection
 (51) Int. Cl.
E06B 9/13 (2006.01)
E06B 9/58 (2006.01)
E06B 9/68 (2006.01)
 (43) 22.02.2024
 (62) 2020346784
 (72) BEGGS, Ryan P.; SIVILL, Michael; SALEH, Christopher; RUNDE, Charles;

PELEGRI, James; CASEY, Nicholas J.; KNUTSON, Perry W.
 (74) WRAYS PTY LTD

(71) Rovi Guides, Inc.
 (11) AU-A-2024200634
 (21) 2024200634 (22) 02.02.2024
 (54) Methods and systems for providing relevant season series recording functionality
 (51) Int. Cl.
H04N 21/433 (2011.01)
H04H 60/46 (2008.01)
H04N 5/76 (2006.01)
H04N 21/442 (2011.01)
H04N 21/45 (2011.01)
H04N 21/475 (2011.01)
H04N 21/482 (2011.01)
H04N 21/8405 (2011.01)
 (43) 22.02.2024
 (62) 2018331388
 (72) LISTON, Alexander William; TANAKA, Kenichiro
 (74) Spruson & Ferguson

(71) Safetylink Pty Ltd
 (11) AU-A-2023204630
 (21) 2023204630 (22) 12.07.2023
 (54) Improved Davit
 (51) Int. Cl.
E04G 21/32 (2006.01)
A62B 1/06 (2006.01)
B66C 23/26 (2006.01)
E04G 3/34 (2006.01)
E04G 23/00 (2006.01)
E04H 12/22 (2006.01)
 (31) 2022902219 (32) 08.08.22 (33) AU
 (43) 22.02.2024
 (72) Ratalino, Oscar William; Price, Jamie
 (74) Clark Intellectual Property Pty Ltd

(71) Sage Therapeutics, Inc.
 (11) AU-A-2024200732
 (21) 2024200732 (22) 06.02.2024
 (54) A crystalline 19-nor C3, 3-disubstituted C21-N-pyrazolyl steroid
 (51) Int. Cl.
C07D 231/14 (2006.01)
A61K 31/415 (2006.01)
A61P 3/00 (2006.01)
A61P 25/00 (2006.01)
A61P 27/00 (2006.01)
A61P 27/02 (2006.01)
 (43) 22.02.2024
 (62) 2022200811
 (72) WATSON, Paul Steven; BERNER, Bret; REID, John Gregory; WANG, Jian; DOWERTHY, James; KANES, Stephen Jay
 (74) Spruson & Ferguson

(71) Samsung Electronics Co., Ltd.
 (11) AU-A-2024200678
 (21) 2024200678 (22) 05.02.2024
 (54) VIDEO DECODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM, AND VIDEO ENCOD-

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ING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM	(43) 22.02.2024 (72) Bickel, Jon A.; Peltier, Colton Thomas (74) Madderns Pty Ltd	(71) Solubag SpA (11) AU-A-2024200606 (21) 2024200606 (22) 31.01.2024 (54) Water-degradable bag
(51) Int. Cl. H04N 19/625 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/61 (2014.01)	(43) 22.02.2024 (62) 2022283647 (72) Choi, Ki-ho; Park, Min-soo; Alshina, Elena (74) PHILLIPS ORMONDE FITZPATRICK	(51) Int. Cl. A61K 35/741 (2015.01) A61K 35/742 (2015.01) A61P 1/00 (2006.01) A61P 31/04 (2006.01)
(71) Samsung Electronics Co., Ltd. (11) AU-A-2024200679 (21) 2024200679 (22) 05.02.2024	(43) 22.02.2024 (62) 2016359178 (72) Button, Julie; Cook, David; Henn, Matthew; McKenzie, Mary-Jane Lombardo; Litcofsky, Kevin; Martinez, Asuncion; McKenzie, Gregory; Nandakumar, Madhumitha; Vulic, Marin; Wortman, Jennifer (74) PHILLIPS ORMONDE FITZPATRICK	(51) Int. Cl. A01D 46/20 (2006.01) A01D 90/00 (2006.01) B60P 1/64 (2006.01) B60P 1/02 (2006.01)
(54) VIDEO DECODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM, AND VIDEO ENCODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM	(43) 22.02.2024 (62) 2022283647 (72) Choi, Ki-ho; Park, Min-soo; Alshina, Elena (74) PHILLIPS ORMONDE FITZPATRICK	(31) 2022902170 (32) 02.08.22 (33) AU (43) 22.02.2024 (72) BRITZ, David Jacobus (74) Spruson & Ferguson
(51) Int. Cl. H04N 19/625 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/61 (2014.01)	(71) Shaw, T.; Retractable Technologies, Inc. (11) AU-A-2024200594 (21) 2024200594 (22) 31.01.2024	(71) South East Fluid Mechanics Pty. Ltd. (11) AU-A-2023204698 (21) 2023204698 (22) 14.07.2023
(43) 22.02.2024 (62) 2022283647 (72) Choi, Ki-ho; Park, Min-soo; Alshina, Elena (74) PHILLIPS ORMONDE FITZPATRICK	(54) Dental safety syringe (51) Int. Cl. A61M 5/32 (2006.01) A61J 1/06 (2006.01) A61M 5/28 (2006.01)	(51) Int. Cl. A01D 46/20 (2006.01) A01D 90/00 (2006.01) B60P 1/64 (2006.01) B60P 1/02 (2006.01)
(71) Samsung Electronics Co., Ltd. (11) AU-A-2024200680 (21) 2024200680 (22) 05.02.2024	(43) 22.02.2024 (62) 2018230505 (72) Shaw, Thomas J.; Small, Mark (74) Davies Collision Cave Pty Ltd	(31) 2022902170 (32) 02.08.22 (33) AU (43) 22.02.2024 (72) BRITZ, David Jacobus (74) Spruson & Ferguson
(54) VIDEO DECODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM, AND VIDEO ENCODING METHOD AND APPARATUS USING MULTI-CORE TRANSFORM	(71) Snap-On Incorporated (11) AU-A-2023210557 (21) 2023210557 (22) 01.08.2023	(71) Spoke Sciences, Inc. (11) AU-A-2024200704 (21) 2024200704 (22) 06.02.2024
(51) Int. Cl. H04N 19/625 (2014.01) H04N 19/176 (2014.01) H04N 19/186 (2014.01) H04N 19/61 (2014.01)	(54) Composite work surface (51) Int. Cl. B25H 1/12 (2006.01) B25H 1/04 (2006.01)	(54) Fast-acting plant-based medicinal compounds and nutritional supplements
(43) 22.02.2024 (62) 2022283647 (72) Choi, Ki-ho; Park, Min-soo; Alshina, Elena (74) PHILLIPS ORMONDE FITZPATRICK	(31) 18/226,766 (32) 26.07.23 (33) US 63/395,650 05.08.22 US	(51) Int. Cl. A61K 31/352 (2006.01) A61K 31/197 (2006.01) A61K 47/06 (2006.01)
(71) Schneider Electric USA, Inc. (11) AU-A-2023210590 (21) 2023210590 (22) 02.08.2023	(43) 22.02.2024 (72) TERMINELLA JR., Thomas A. (74) Spruson & Ferguson	(43) 22.02.2024 (62) 2022201021 (72) LEONE-BAY, Andrea; WESNER, Gregory (74) Griffith Hack
(54) SYSTEMS AND METHODS FOR AUTOMATICALLY ASSESSING EVENT RECOVERY IN AN ELECTRICAL SYSTEM	(71) Société des Produits Nestlé S.A. (11) AU-A-2024200698 (21) 2024200698 (22) 06.02.2024	(71) SR Labs, Inc. (11) AU-A-2024200660 (21) 2024200660 (22) 02.02.2024
(51) Int. Cl. G01R 19/25 (2006.01) G01R 21/00 (2006.01) G01R 21/133 (2006.01) G05B 23/02 (2006.01) G08B 21/18 (2006.01) H02J 3/00 (2006.01) H02J 13/00 (2006.01)	(54) Methods and compositions for increasing energy expenditure using cinnamaldehyde (51) Int. Cl. A61K 31/11 (2006.01) A61K 36/54 (2006.01) A61P 3/04 (2006.01) A61P 43/00 (2006.01)	(54) Distributing digital cinema package (DCP) over internet
(31) 63/395651 (32) 05.08.22 (33) US 18/078446 09.12.22 US	(43) 22.02.2024 (62) 2021273560 (72) MICHIG GONZALEZ, Stephanie; LE COUTRE, Johannes (74) Spruson & Ferguson	(51) Int. Cl. H04N 21/2347 (2011.01) H04N 21/235 (2011.01) H04N 21/258 (2011.01) H04N 21/4405 (2011.01) H04N 21/61 (2011.01) H04N 21/6334 (2011.01)
(31) 63/395651 (32) 05.08.22 (33) US 18/078446 09.12.22 US	(43) 22.02.2024 (62) 2021332493 (72) AKKARAJU, Prem (74) FB Rice Pty Ltd	(43) 22.02.2024 (62) 2021332493 (72) AKKARAJU, Prem (74) FB Rice Pty Ltd
(71) SUPersonic IMAGINE (11) AU-A-2023208066 (21) 2023208066 (22) 24.07.2023	(71) SUPersonic IMAGINE (11) AU-A-2023208066 (21) 2023208066 (22) 24.07.2023	(54) METHOD AND SYSTEM FOR EVALUATING ULTRASOUND DATA FOR THE PURPOSE OF ULTRASOUND ATTENUATION ESTIMATION IN A MEDIUM

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- (51) Int. Cl.
G01S 15/89 (2006.01)
A61B 8/13 (2006.01)
G01S 7/52 (2006.01)
G01S 15/02 (2006.01)
(31) 22315178.8 (32) 04.08.22 (33) EP
(43) 22.02.2024
(72) Lambert, William; Ilyina, Natalia; Zhang, Bo
(74) ET Intellectual Property
-
- (71) Swift, O.
(11) AU-A-2022203843
(21) 2022203843 (22) 26.07.2022
(54) Magnetic crash protector
(51) Int. Cl.
B60R 21/02 (2006.01)
B60R 21/00 (2006.01)
B60R 21/01 (2006.01)
(43) 22.02.2024
(72) Swift, Oscar
(74) Oscar Swift
-
- The Brigham and Women's Hospital, Inc.**
see **The General Hospital Corporation**
(21) 2024200572
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- (71) The Cleveland Clinic Foundation
(11) AU-A-2024200658
(21) 2024200658 (22) 02.02.2024
(54) Capric acid and myristic acid compositions for treating conditions
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 31/185 (2006.01)
A61K 31/20 (2006.01)
(43) 22.02.2024
(62) 2017348410
(72) Kirwan, John; Comhair, Suzy; Asosinhing, Kewal
(74) Davies Collison Cave Pty Ltd
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- (71) The General Hospital Corporation; The Brigham and Women's Hospital, Inc.
(11) AU-A-2024200572
(21) 2024200572 (22) 31.01.2024
(54) Automated evaluation of quality assurance metrics for assisted reproduction procedures
(51) Int. Cl.
G06T 7/00 (2017.01)
(43) 22.02.2024
(62) 2020341837
(72) SHAFIEE, Hadi; BORMANN, Charles L.; KANAKASABAPATHY, Manoj Kumar; THIRUMALARAJU, Prudhvi
(74) James & Wells Intellectual Property
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- (71) The IPE Clip Fastener Company, LLC
(11) AU-A-2024200610
(21) 2024200610 (22) 01.02.2024
(54) Height and slope adjustable pedestal
(51) Int. Cl.
E04F 15/024 (2006.01)
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- (43) 22.02.2024
(62) 2018200637
(72) Pelc Jr., Robert J.; Upchurch, James Dean
(74) FPA Patent Attorneys Pty Ltd
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- The Trustees of the University of Pennsylvania** see **Novartis AG**
(21) 2023284778
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- (71) TNBT Holdings Pty Limited
(11) AU-A-2024200747
(21) 2024200747 (22) 07.02.2024
(54) A Lock Element for a Lock Cylinder
(51) Int. Cl.
E05B 29/04 (2006.01)
E05B 27/04 (2006.01)
(43) 22.02.2024
(62) 2021202970
(72) Mascia, Daniel; Butt, Simon
(74) Chrysiliou IP
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- (71) Tokamak Energy Ltd
(11) AU-A-2024200590
(21) 2024200590 (22) 31.01.2024
(54) HIGH TEMPERATURE SUPERCONDUCTOR MAGNET
(51) Int. Cl.
H01F 6/06 (2006.01)
H01F 41/10 (2006.01)
H01F 27/28 (2006.01)
H01F 41/04 (2006.01)
(43) 22.02.2024
(62) 2021240133
(72) Brittles, Greg; Kruip, Marcel; Langtry, Tony; Smith, George
(74) ET Intellectual Property
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- (71) Tompkins Robotics, Inc.
(11) AU-A-2024200676
(21) 2024200676 (22) 04.02.2024
(54) PARCEL AND ARTICLE SORTING SYSTEM AND METHOD WITH DESTINATION CONTAINER REMOVAL
(51) Int. Cl.
B07C 3/18 (2006.01)
B07C 3/00 (2006.01)
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
G05B 19/418 (2006.01)
G06Q 10/08 (2023.01)
(43) 22.02.2024
(62) 2019336614
(72) FUTCH, Michael C.; SERSTAD, James M.
(74) RnB IP Pty Ltd
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- (71) Tritana Intellectual Property Ltd.
(11) AU-A-2024200692
(21) 2024200692 (22) 05.02.2024
(54) CUTTING BLADE
(51) Int. Cl.
A01F 29/02 (2006.01)
A01D 34/73 (2006.01)
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- (43) 22.02.2024
(62) 2019200609
(72) MAYERLE, Dean
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Tuyau, M.
(11) AU-A-2022211919
(21) 2022211919 (22) 06.08.2022
(54) QBOLT WOOD HEATER,BBQ,PIZZA OVEN, FIRE PIT AND GRILLER.
(51) Int. Cl.
A47J 37/06 (2006.01)
A47J 37/07 (2006.01)
F24B 1/182 (2006.01)
(43) 22.02.2024
(72) Tuyau, Michael
(74) Michael Tuyau
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- (71) Universite d'Aix-Marseille; Centre National De La Recherche Scientifique
(11) AU-A-2024200667
(21) 2024200667 (22) 02.02.2024
(54) Optical device for detecting and quantifying volatile compounds
(51) Int. Cl.
G01N 21/77 (2006.01)
G01N 31/22 (2006.01)
(43) 22.02.2024
(62) 2018274521
(72) ALVAREZ, Elsa; GROSSO, David; AB-BARCHI, Marco
(74) Spruson & Ferguson
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- (71) University of Maryland, College Park
(11) AU-A-2024200730
(21) 2024200730 (22) 06.02.2024
(54) HIGH TEMPERATURE SINTERING SYSTEMS AND METHODS
(51) Int. Cl.
C04B 35/00 (2006.01)
C09K 5/00 (2006.01)
G01C 19/5783 (2012.01)
(43) 22.02.2024
(62) 2020279969
(72) HU, Liangbing; WANG, Chengwei
(74) Michael Buck IP
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- (71) University of Pittsburgh - Of the Commonwealth System of Higher Education
(11) AU-A-2024200617
(21) 2024200617 (22) 01.02.2024
(54) ECM HYDROGEL FOR TREATING ESOPHAGEAL INFLAMMATION
(51) Int. Cl.
A61K 35/12 (2015.01)
A61P 1/00 (2006.01)
(43) 22.02.2024
(62) 2018226867
(72) Badylak, Stephen Francis; Naranjo Gutierrez, Juan Diego; Saldin, Lindsey Tamiko
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) Victaulic Company
(11) AU-A-2024200593

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- (21) 2024200593 (22) 31.01.2024
 (54) Dry sprinkler system manifold adapter
 (51) Int. Cl.
A62C 35/62 (2006.01)
A62C 35/68 (2006.01)
 (43) 22.02.2024
 (62) 2018211907
 (72) Meyer, Stephen J.; Archibald, Thomas Edwin; Maughan, Kevin Desmond; Desrosier, John; Farrell, Gordon
 (74) Davies Collison Cave Pty Ltd
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- (71) Vorwerk & Co. Interholding GmbH
 (11) AU-A-2023210576
 (21) 2023210576 (22) 02.08.2023
 (54) SYSTEM AND METHOD FOR RECIPE DEPENDENT CLEANING OF COOKING APPLIANCES
 (51) Int. Cl.
G05B 19/18 (2006.01)
A47J 36/24 (2006.01)
G05B 13/04 (2006.01)
G05B 15/02 (2006.01)
G05B 19/045 (2006.01)
 (31) EP22188810.0 (32) 04.08.22 (33) EP
 (43) 22.02.2024
 (72) Diez, Beatriz Rodriguez; Meyer, Frank
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) Wing Aviation LLC
 (11) AU-A-2024200630
 (21) 2024200630 (22) 01.02.2024
 (54) Unsupervised anomaly detection for autonomous vehicles
 (51) Int. Cl.
B64D 45/00 (2006.01)
B64C 39/02 (2023.01)
G06N 20/00 (2019.01)
 (43) 22.02.2024
 (62) 2020344464
 (72) SINDHWANI, Vikas; SIDAHMED, Hakim; CHOROMANSKI, Krzysztof; JONES, Brandon L.
 (74) Spruson & Ferguson
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- (71) Wix.com Ltd.
 (11) AU-A-2024200588
 (21) 2024200588 (22) 31.01.2024
 (54) Creation and update of hierarchical websites based on collected business knowledge
 (51) Int. Cl.
G06F 3/14 (2006.01)
G06Q 30/02 (2023.01)
 (43) 22.02.2024
 (62) 2022221498
 (72) PHILOSOPH, Mor; KOREN, Dan; DREIZIS, Ilana; ZELMANOVICH, Igor; SADEH, Eyal
 (74) FPA Patent Attorneys Pty Ltd
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- (71) Wonderland Switzerland AG
 (11) AU-A-2024200655
 (21) 2024200655 (22) 02.02.2024
 (54) BASKET AND STROLLER WITH THE BASKET

- (51) Int. Cl.
B62B 7/04 (2006.01)
 (43) 22.02.2024
 (62) 2021258027
 (72) SU, Yuya; YEH, Itting; LO, Lingyi; WANG, Lichen; LIU, Kwang Hao; YU, Xiong; YANG, Qiang; WU, Bo; LI, Nengzhi
 (74) James & Wells Intellectual Property
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- (43) 22.02.2024
 (72) GAO, Bo; LU, Zhaohua; YAO, Ke; ZHANG, Yang; YANG, Ling; GUO, Xiaolong
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

WULING POWER CORPORATION LTD. see **HUNAN WULING POWER TECHNOLOGY CO., LTD.**
 (21) 2023210611

- (71) XSB, Inc.
 (11) AU-A-2024200665
 (21) 2024200665 (22) 02.02.2024
 (54) SYSTEMS AND METHODS FOR CREATING, EDITING, STORING AND RETRIEVING KNOWLEDGE CONTAINED IN SPECIFICATION DOCUMENTS
 (51) Int. Cl.
G06F 7/00 (2006.01)
 (43) 22.02.2024
 (62) 2022200263
 (72) Hopkins, Rupert; Winchell, David; Pokorny, Louis; Warren, David; Vidrevich, Tatyana; Rued, Christopher; Weidner, Raymond
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD
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- (71) Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
 (11) AU-A-2024200716
 (21) 2024200716 (22) 06.02.2024
 (54) Semiconductor Substrate, Solar Cell, and Photovoltaic Module
 (51) Int. Cl.
H01L 31/0236 (2006.01)
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 (43) 22.02.2024
 (62) 2022206808
 (72) LI, Huimin; XU, Menglei; YANG, Jie; ZHANG, Xinyu
 (74) Franke Hyland Pty Ltd
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- (71) ZTE CORPORATION
 (11) AU-A-2022459563
 (21) 2022459563 (22) 05.08.2022
 (54) A UNIFIED BEAM INDICATION FRAMEWORK FOR USING MULTIPLE TRANSMISSION-RECEPTION POINTS
 (51) Int. Cl.
H04B 7/06 (2006.01)
H04L 5/00 (2006.01)
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H04W 72/23 (2023.01)
H04W 72/54 (2023.01)

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2022211917	Pande, S.	2024200609	CEEK Women's Health, Inc.
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2022215153	Kingseafoodmarket	2024200611	Mallinckrodt Pharmaceuticals Ireland Limited
2022215165	Bailey, R.	2024200616	Dolby International AB
2022344860	Miles, S.	2024200617	University of Pittsburgh - Of the Commonwealth System of Higher Education
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2023204574	Macdonald, J.	2024200630	Wing Aviation LLC
2023204630	Safetylink Pty Ltd	2024200632	Angel Group Co., Ltd.
2023204636	Aristocrat Technologies, Inc.	2024200633	FISHER & PAYKEL HEALTHCARE LIMITED
2023204698	South East Fluid Mechanics Pty. Ltd.	2024200634	Rovi Guides, Inc.
2023206221	OREN, R.	2024200635	Longyear TM, Inc.
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2023208066	SUPERSONIC IMAGINE	2024200637	iRobot Corporation
2023208185	Acer Incorporated	2024200638	LG Electronics Inc.
2023210557	Snap-On Incorporated	2024200640	Intervet International B.V.
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2023210627	Instrumentation Laboratory Company	2024200651	Intercontinental Great Brands LLC
2023210631	CDM Smith Inc.	2024200653	Emergex, LLC
2023210666	Ben Brogan Pty Ltd	2024200654	IDEXX Laboratories, Inc.
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2024200289	Chongqing Changan Automobile Co., Ltd.	2024200660	SR Labs, Inc.
2024200474	Cripps Clark, J.; Cripps Clark, J.	2024200662	Double Double D, LLC
2024200493	Innovent Biologics (Suzhou) Co., Ltd.	2024200663	Seres Therapeutics, Inc.
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2024200553	Ablynx N.V.	2024200665	XSB, Inc.
2024200570	Daniel S. O'Toole	2024200667	Université d'Aix-Marseille; Centre National De La Recherche Scientifique
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 (21) 2018102254 (22) 12.09.2018
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 (51) Int. Cl.
A23K 50/10 (2016.01)
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B24C 5/04 (2006.01)
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 (72) Rowland, Matthew; Seewald, Trevor
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 (54) Method and system for alerting a user to the presence of a person in a vehicle
 (51) Int. Cl.
G08B 21/22 (2006.01)
B60N 2/00 (2006.01)
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 (72) CAWTHRA, Jason; KEEFE, Ray; LIU, Yi
 (74) Griffith Hack

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 (51) Int. Cl.
E04H 4/04 (2006.01)
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 (72) Cross, Anthony Mark; Rickard, Charles Eric
 (74) BRM Patent Attorneys Pty Ltd

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 (21) 2020104498 (22) 15.07.2020
 (54) Motorcycle braking arrangement
 (51) Int. Cl.
B60T 8/17 (2006.01)
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B62L 3 /-

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E04H 4 /-

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G08B 21 /-

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 (54) A METHOD AND MEDICAL IMPLANT
 (51) Int. Cl.
 G16H 50/70 (2018.01)
 A61B 34/10 (2016.01)
 A61F 2/30 (2006.01)
 A61F 2/44 (2006.01)
 G06N 20/00 (2019.01)
 G06T 17/20 (2006.01)
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 (72) PARR, William Chase Harington
 (74) Allens Patent & Trade Mark Attorneys

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 (54) METHOD AND SYSTEM FOR MANAGEMENT OF MEDICAL CARE RESOURCES
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 G16H 10/40 (2018.01)
 G06Q 10/0631 (2023.01)
 G16H 40/20 (2018.01)
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 F16L 21/06 (2006.01)
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 A61K 47/69 (2017.01)
 A61K 9/00 (2006.01)

A61K 35/12 (2015.01)
 A61K 41/00 (2020.01)
 C12N 15/87 (2006.01)
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 G09B 23/32 (2006.01)
 G09B 5/10 (2006.01)
 G09B 23/28 (2006.01)
 G09B 23/34 (2006.01)
 G16H 20/00 (2018.01)
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 (54) VIRTUAL INTEGRATED REMOTE ASSISTANT APPARATUS AND METHODS
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 G16H 20/40 (2018.01)
 G16H 80/00 (2018.01)
 A61B 3/00 (2006.01)
 A61F 9/008 (2006.01)
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 (72) HIPSLY, Annmarie; THOMAS, Griffin, Peter
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 C07C 335/24 (2006.01)
 C07D 239/54 (2006.01)
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 G06V 20/64 (2022.01)
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 A61F 2/954 (2013.01)
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 (72) BOURANG, Ashur; BOURANG, Henry
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C01B 32/00 (2017.01)
C09D 11/037 (2014.01)
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H01B 1/24 (2006.01)
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 (74) Adams Pluck
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 (54) A SEPARATOR FOR ALKALINE WATER ELECTROLYSIS
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C25B 13/02 (2006.01)
C25B 13/08 (2006.01)
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 (72) MUES, Willem; TUDISCO, Cristina; VERWAEST, Hanne
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C25B 13/02 (2006.01)
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C25B 15/00 (2006.01)
H01M 8/1016 (2016.01)
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 (54) ASSESSMENT OF DISEASE TREATMENT
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G16H 50/20 (2018.01)
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- (54) FUSION PROTEIN CONTAINING ANTI-TIGIT ANTIBODY AND TGF- β R, AND PHARMACEUTICAL COMPOSITION AND USE THEREOF
 (51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/17 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/495 (2006.01)
C07K 14/71 (2006.01)
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A61K 31/352 (2006.01)
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A61B 3/10 (2006.01)
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(74) PHILLIPS ORMONDE FITZPATRICK			(72) JENKINS SANCHEZ, Mark; WEEBER, Hendrik A.; FARIA RIBEIRO, Miguel
			(74) FPA Patent Attorneys Pty Ltd
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A61F 9/008 (2006.01)			(51) Int. Cl.
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A61F 9/008 (2006.01)			31.03.22
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(74) PHILLIPS ORMONDE FITZPATRICK			(74) FB Rice Pty Ltd
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A61K 35/745 (2015.01)			A23J 3/00 (2006.01)
A61P 1/04 (2006.01)			A23J 3/22 (2006.01)
(87) WO2023/286027			A23L 33/185 (2016.01)
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(72) BIFFI, Andrea; FIORE, Walter			(43) 06.04.2023
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(54) ALPHA-FETOPROTEIN BIOCONJUGATES FOR DISEASE TREATMENT			(22) 10.08.2022
(51) Int. Cl.			(54) MOUNT FOR A HANDHELD ELECTRONIC DEVICE
C07K 14/47 (2006.01)			(51) Int. Cl.
A61K 47/62 (2017.01)			F16B 21/10 (2006.01)
A61P 35/00 (2006.01)			B62J 11/00 (2020.01)
C07D 498/18 (2006.01)			B62J 50/21 (2020.01)
C07K 1/113 (2006.01)			F16B 2/04 (2006.01)
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 (54) METHOD OF MAINTAINING REMISSION OF DEPRESSIVE SYMPTOMS
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A61K 31/137 (2006.01)
A61K 31/485 (2006.01)
A61P 25/24 (2006.01)
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C07C 311/29 (2006.01)
A61K 31/145 (2006.01)
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A61K 31/416 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/505 (2006.01)
A61P 25/36 (2006.01)
C07D 213/74 (2006.01)
C07D 231/12 (2006.01)
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 (54) METHODS AND COMPOSITIONS FOR TREATING SLEEP APNEA
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A61F 5/56 (2006.01)
A61K 31/137 (2006.01)
A61K 31/138 (2006.01)
A61K 31/216 (2006.01)
A61K 31/4035 (2006.01)
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C12N 15/113 (2010.01)
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 (54) PLATE-STRUCTURED ELECTRODE-COATED ZEOLITE SEPARATORS FOR LITHIUM-METAL BATTERIES
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H01M 50/40 (2021.01)
H01M 50/434 (2021.01)
H01M 50/443 (2021.01)
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 (51) Int. Cl.
C12Q 1/68 (2018.01)
A61K 35/76 (2015.01)
C07H 21/04 (2006.01)
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E04C 5/16 (2006.01)
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 (72) HEYMANN, Martin
 (74) FPA Patent Attorneys Pty Ltd
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 (54) VALVE, METHOD AND SYSTEM
 (51) Int. Cl.
E21B 34/08 (2006.01)
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 (54) PROCESS FOR ELECTROLYTIC PRODUCTION OF METAL POWDER
 (51) Int. Cl.
C25C 5/02 (2006.01)
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C25C 7/08 (2006.01)
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 (72) ZHU, Si Jun; SONG, Jin Bo; XIA, Jing Cheng
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A01N 25/04 (2006.01)

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A01N 43/653 (2006.01)
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GRAW, Doris; RUDE, Janine; BEN-
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Marcus
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(54) SYSTEMS AND METHODS FOR
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G16H 20/17 (2018.01)
G16H 40/40 (2018.01)
G16H 40/67 (2018.01)
A61M 5/14 (2006.01)
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JYSAIK, Slawomir Edward
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IDES THEREOF AND THEIR USE
AS HERBICIDALLY ACTIVE SUB-
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(51) Int. Cl.
C07D 417/12 (2006.01)
A01N 43/82 (2006.01)
A01P 13/00 (2006.01)
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C12N 15/55 (2006.01)
C12N 15/09 (2006.01)
C12N 5/0783 (2010.01)
C12N 15/52 (2006.01)
- C12N 15/90 (2006.01)
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(72) WHITNEY, Des
(74) FB Rice Pty Ltd
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B01L 3/02 (2006.01)
B65D 83/52 (2006.01)
G01F 11/10 (2006.01)
G01N 35/10 (2006.01)
B65D 5/72 (2006.01)
B65D 51/20 (2006.01)
G01N 1/28 (2006.01)
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DOWNIE, Patrick; WHEELER, John
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FIRE PROTECTION TECHNOLOGY
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TANG, Mingjie
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QUENCY REGULATION METHOD
AND WIND-STORAGE COMBINED
FREQUENCY REGULATION APPAR-
ATUS
(51) Int. Cl.
H02J 3/00 (2006.01)
F03D 7/02 (2006.01)
H02J 3/24 (2006.01)
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(54) METHOD AND APPARATUS FOR
ADJUSTING REACTIVE POWER IN
WIND FARM, AND ELECTRONIC
DEVICE
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H02J 3/50 (2006.01)
H02J 3/16 (2006.01)
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A47L 11/24 (2006.01)
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 (51) Int. Cl.
A47L 11/24 (2006.01)
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 (21) 2022326581 (22) 18.01.2022
 (54) OSMOTIC PUMP CONTROLLED-RELEASE TABLET OF INSOLUBLE DRUG AND PREPARATION METHOD THEREFOR
 (51) Int. Cl.
A61K 9/22 (2006.01)
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A61K 31/4422 (2006.01)
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A61P 9/12 (2006.01)
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 (74) Michael Buck IP
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 (11) AU-A-2022324468
 (21) 2022324468 (22) 04.08.2022
 (54) RAM SYSTEM AND KNOCK-OUT RAM ASSEMBLY FOR PROCESSING CONTAINERS
 (51) Int. Cl.
B21D 45/02 (2006.01)
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 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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 (21) 2022307654 (22) 22.06.2022
 (54) PATIENT TARGETED TEMPERATURE MANAGEMENT DEVICE AND METHOD
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A61F 7/12 (2006.01)
A42B 1/008 (2021.01)
A61F 7/02 (2006.01)
F25D 3/12 (2006.01)
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 (54) COMPOUNDS FOR TARGETING DEGRADATION OF IRAK4 PROTEINS
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/5025 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 487/04 (2006.01)
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A61K 31/436 (2006.01)
A61K 31/4375 (2006.01)
A61P 35/00 (2006.01)
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 (72) BRUBAKER, Jason, D.; CLOSE, Joshua, T.; DINEEN, Thomas, A.; MIDUTURU, Chandrasekhar, V.; PEROLA, Emanuele
 (74) Spruson & Ferguson
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 (11) AU-A-2022341149
 (21) 2022341149 (22) 27.07.2022
 (54) SYSTEM AND METHOD FOR RAILROAD DIRECTIVE MANAGEMENT
 (51) Int. Cl.
B61L 23/04 (2006.01)
B61L 25/02 (2006.01)
B61L 27/16 (2022.01)
B61L 27/20 (2022.01)
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 (54) PEPTIDES AND ENGINEERED T CELL RECEPTORS TARGETING FANCI, RAD51, AND PBK ANTIGENS AND METHODS OF USE
 (51) Int. Cl.
A61K 38/17 (2006.01)
C07K 14/47 (2006.01)
C07K 14/705 (2006.01)
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 (54) METHOD OF DETERMINING A FUTURE COLOR VALUE OR CORRESPONDING PROPERTY AND ARRANGEMENT THEREFOR
 (51) Int. Cl.
G01N 21/64 (2006.01)
G01J 3/44 (2006.01)
G01N 21/78 (2006.01)
G01N 21/29 (2006.01)
G01N 21/77 (2006.01)
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 (31) 21194516.7 (32) 02.09.21 (33) EP
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 (72) SMIATEK, Jens; BLUHMKI, Erich; BURKERT, Oliver; KOHLER, Benjamin Joshua; LINK, Selina; MILLER, Melanie
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 (11) AU-A-2022318037 (22) 26.07.2022
 (54) USE OF SGLT-2 INHIBITORS FOR THE PREVENTION AND/OR TREATMENT OF RENAL DISEASES IN NON-HUMAN MAMMALS
 (51) Int. Cl.
A61K 31/351 (2006.01)
A61K 31/382 (2006.01)
A61K 31/403 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/4422 (2006.01)
A61K 31/554 (2006.01)
A61K 31/70 (2006.01)
A61K 31/7034 (2006.01)
A61K 31/7042 (2006.01)
A61K 31/7048 (2006.01)
A61K 31/7056 (2006.01)
A61K 31/722 (2006.01)
A61P 13/12 (2006.01)
 (87) WO2023/006747
 (31) 21188321.0 (32) 28.07.21 (33) EP
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 (72) KROH, Carla; LANG, Ingo Ulrich; MATALLO, José
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 (54) USE OF SGLT-2 INHIBITORS FOR THE PREVENTION AND/OR TREATMENT OF CARDIAC DISEASES IN NON-HUMAN MAMMALS EXCLUDING FELINES, IN PARTICULAR CANINES
 (51) Int. Cl.
A61K 31/351 (2006.01)
A61K 31/382 (2006.01)
A61K 31/7004 (2006.01)
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 (72) YEE, Cassian; PAN, Ke; CHIU, Yulun
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A61K 31/7056 (2006.01)
A61P 9/04 (2006.01)
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 (11) AU-A-2022332117
 (21) 2022332117 (22) 23.08.2022
 (54) PERCUTANEOUS CIRCULATORY SUPPORT SYSTEM
 (51) Int. Cl.
A61M 60/13 (2021.01)
A61M 60/221 (2021.01)
A61M 60/419 (2021.01)
A61M 60/865 (2021.01)
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 (72) EDWARDS, Nathan; LARSEN, Steven
 (74) Spruson & Ferguson
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 (11) AU-A-2022344863
 (21) 2022344863 (22) 16.09.2022
 (54) TOASTER WITH BREAD LIFT MECHANISM
 (51) Int. Cl.
H05B 3/16 (2006.01)
A47J 37/08 (2006.01)
 (87) WO2023/039636
 (31) 2021902985 (32) 16.09.21 (33) AU
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 (74) GLMR
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- (71) CALABRIO, INC.
 (11) AU-A-2022331398
 (21) 2022331398 (22) 19.08.2022
 (54) DEVICES, SYSTEMS, AND METHODS FOR INTELLIGENT STRESS LEVEL DETECTION
 (51) Int. Cl.
G16H 50/30 (2018.01)
G16H 20/70 (2018.01)
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 (51) Int. Cl.
A61N 1/36 (2006.01)
A61B 5/11 (2006.01)
- A61B 5/24 (2021.01)*
A61N 1/04 (2006.01)
A61N 1/02 (2006.01)
A61N 1/08 (2006.01)
A61N 1/18 (2006.01)
G16H 10/60 (2018.01)
G16H 20/30 (2018.01)
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 (11) AU-A-2022306012
 (21) 2022306012 (22) 07.07.2022
 (54) PROCESSES FOR PRODUCING BIOCARBON PELLETS WITH HIGH FIXED-CARBON CONTENT AND OPTIMIZED REACTIVITY, AND BIOCARBON PELLETS OBTAINED THEREFROM
 (51) Int. Cl.
C02F 11/10 (2006.01)
C10B 57/02 (2006.01)
C10B 57/16 (2006.01)
C22B 1/24 (2006.01)
 (87) WO2023/283289
 (31) 63/220,073 (32) 09.07.21 (33) US
 (43) 12.01.2023
 (72) SLACK, Dustin; MENNELL, James A.; DAUGAARD, Daren
 (74) Spruson & Ferguson
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- (71) CARBON TECHNOLOGY HOLDINGS, LLC
 (11) AU-A-2022308659
 (21) 2022308659 (22) 07.07.2022
 (54) LOW-WATER-INTENSITY BIOCARBON PRODUCTS, AND PROCESSES FOR PRODUCING LOW-WATER-INTENSITY BIOCARBON PRODUCTS
 (51) Int. Cl.
C01B 32/312 (2017.01)
C01B 32/30 (2017.01)
C10B 53/02 (2006.01)
C10B 53/00 (2006.01)
 (87) WO2023/283284
 (31) 63/219,781 (32) 08.07.21 (33) US
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 (43) 12.01.2023
 (72) SLACK, Dustin; DAUGAARD, Daren; MENNELL, James, A.
 (74) Spruson & Ferguson
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 (11) AU-A-2022308660
 (21) 2022308660 (22) 07.07.2022
 (54) PROCESSES FOR PRODUCING BIOCARBON PELLETS WITH HIGH FIXED-CARBON CONTENT AND OPTIMIZED REACTIVITY, AND BIOCARBON PELLETS OBTAINED THEREFROM
 (51) Int. Cl.
C10B 49/00 (2006.01)

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(74) Spruson & Ferguson
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- (71)** CARLSMED, INC.
(11) AU-A-2022314617
(21) 2022314617 **(22)** 19.07.2022
(54) SYSTEMS FOR PREDICTING INTRA-OPERATIVE PATIENT MOBILITY AND IDENTIFYING MOBILITY-RELATED SURGICAL STEPS
(51) Int. Cl.
A61B 34/10 (2016.01)
A61B 17/70 (2006.01)
G16H 30/40 (2018.01)
(87) WO2023/003912
(31) 63/223,827 **(32)** 20.07.21 (33) US
(43) 26.01.2023
(72) CASEY, Niall Patrick; ESTERBERG, Justin
(74) FB Rice Pty Ltd
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(11) AU-A-2022311973
(21) 2022311973 **(22)** 13.07.2022
(54) PET TOILET
(51) Int. Cl.
A01K 1/01 (2006.01)
(87) WO2023/283713
(31) 1020210137622 **(32)** 13.07.21 (33) BR
1020220137080 09.07.22 BR
(43) 19.01.2023
(72) CARVALHO, Fabio Gaspar De; LORGA, Lara Crestani Menezes; CARVALHO, Leinir De Jesus Gaspar De
(74) Spruson & Ferguson
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- (71)** CATERPILLAR INC.
(11) AU-A-2022328115
(21) 2022328115 **(22)** 22.07.2022
(54) SYSTEM AND COMPUTER-IMPLEMENTED METHOD FOR DETERMINING WEAR LEVELS OF A GROUND ENGAGING TOOL OF A WORK MACHINE INDICATIVE OF A TOOL REPLACEMENT CONDITION
(51) Int. Cl.
E02F 9/26 (2006.01)
E02F 9/28 (2006.01)
G06Q 10/00 (2023.01)
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(74) Patent Attorney Services
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(11) AU-A-2022328116
(21) 2022328116 **(22)** 26.07.2022
(54) WORK MACHINE GROUND ENGAGING TOOL WEAR AND LOSS DETECTION SYSTEM AND METHOD
(51) Int. Cl.
E02F 9/28 (2006.01)
G01S 17/894 (2020.01)
G06T 15/00 (2011.01)
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(31) 17/399,433 **(32)** 11.08.21 (33) US
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(54) METHOD FOR PREVENTING AND CONTROLLING ROCK BURST FROM SOURCE BY FRACTURING ROOF REGION OF COAL MINE
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E21C 37/00 (2006.01)
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- (71)** CELGENE CORPORATION
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(21) 2022331536 **(22)** 17.08.2022
(54) PROCESS FOR PREPARING HISTONE DEMETHYLASE INHIBITORS
(51) Int. Cl.
C07D 311/20 (2006.01)
A61K 31/352 (2006.01)
C07D 213/57 (2006.01)
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(51) Int. Cl.
A61K 35/30 (2015.01)
A01N 1/02 (2006.01)
A61L 27/38 (2006.01)
A61L 27/50 (2006.01)
C12N 5/071 (2010.01)
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(74) Griffith Hack
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(21) 2022308269 **(22)** 07.07.2022
(54) CELL SEEDING AGENT AND SUBSTRATE FOR CELL TRANSPLANTATION USE
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A61K 31/39 (2006.01)
A61K 35/30 (2015.01)
A61L 27/38 (2006.01)
A61L 27/50 (2006.01)
C12N 5/071 (2010.01)
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- (71)** CEMENTOS ARGOS S.A.; UNIVERSIDAD DE ANTIOQUIA
(11) AU-A-2022313602
(21) 2022313602 **(22)** 22.07.2022
(54) SOLVOTHERMAL LIQUEFACTION PROCESS FOR PRODUCING BIO-CRUIDE FROM BIOMASS
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C10G 1/00 (2006.01)
C10G 1/06 (2006.01)
C10G 3/00 (2006.01)
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(31) 63/224,454 **(32)** 22.07.21 (33) US
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(51) Int. Cl.
A61B 17/14 (2006.01)
A61B 17/16 (2006.01)
A61B 17/88 (2006.01)
A61F 2/24 (2006.01)
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- (71)** CHECKPOINT SYSTEMS, INC.
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(21) 2023286508 **(22)** 22.06.2023
(54) RFID LABEL FOR ATTACHMENT TO METALLIC ITEMS
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G06K 19/077 (2006.01)
H01Q 1/22 (2006.01)

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- (71) CHEMOCENTRYX, INC.
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 (54) ARYL SULFONYL COMPOUNDS AS CCR6 INHIBITORS
 (51) Int. Cl.
 C07D 401/12 (2006.01)
 A61K 31/4545 (2006.01)
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 (21) 2022320658 (22) 27.07.2022
 (54) SIGNAL OR CHANNEL DETECTION METHOD AND APPARATUS, TERMINAL, AND STORAGE MEDIUM
 (51) Int. Cl.
 H04W 68/02 (2009.01)
 (87) WO2023/005995
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 (11) AU-A-2022323375
 (21) 2022323375 (22) 03.08.2022
 (54) FLEXIBLE POLYPROPYLENE MODIFIED INSULATION MATERIAL, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
 (51) Int. Cl.
 C08L 23/12 (2006.01)
 C08F 222/06 (2006.01)
 C08F 255/02 (2006.01)
 C08F 255/04 (2006.01)
 H01B 3/30 (2006.01)
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 (21) 2022312354 (22) 15.07.2022
 (54) NOVEL BETA-CAROTENE 15,15-OXYGENASE VARIANT AND RETINOID PRODUCTION METHOD USING SAME
 (51) Int. Cl.
 C12N 9/02 (2006.01)
 C12N 15/52 (2006.01)
 C12N 15/80 (2006.01)
 C12P 23/00 (2006.01)
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 (54) PURIFIED PROTEIN COMPOSITIONS AND METHODS OF PRODUCTION
 (51) Int. Cl.
 A23J 1/18 (2006.01)
 A23L 15/00 (2016.01)
 C07K 1/18 (2006.01)
 C07K 1/22 (2006.01)
 C07K 1/36 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) CLEANSUBSEA OPERATIONS PTY LTD
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 (54) MARINE CLEANING
 (51) Int. Cl.
 B63B 59/08 (2006.01)
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 (87) WO2023/023761
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 (21) 2022322889 (22) 03.08.2022
 (54) INHIBITORS FOR CORONAVIRUSES
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 C07D 207/26 (2006.01)
 A61K 31/4015 (2006.01)
 A61P 31/14 (2006.01)
 C07D 401/12 (2006.01)
 C07D 403/12 (2006.01)
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- (71) COLUMBIA INSURANCE COMPANY
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 (54) CONSTRUCTION CONNECTOR HAVING FASTENER RECEIVER
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 F16B 13/08 (2006.01)
 F16B 13/04 (2006.01)
 F16B 5/00 (2006.01)
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 (51) Int. Cl.
 C12P 7/06 (2006.01)
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 C12P 7/14 (2006.01)
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 (72) SLATER, Peter, N.
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2022343057
 (21) 2022343057 (22) 22.08.2022
 (54) REVERSE CIRCULATOR AND METHOD
 (51) Int. Cl.
 E21B 21/10 (2006.01)
 E21B 34/00 (2006.01)
 E21B 34/12 (2006.01)
 E21B 34/06 (2006.01)
 E21B 34/08 (2006.01)
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- (71) COOPERSURGICAL, INC.
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 (51) Int. Cl.
 A61M 25/10 (2013.01)
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 (72) DALY, Mark, D.; CONKLIN, Stephen
 (74) Spruson & Ferguson

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 (54) DE-FLAVORED LEGUME FLOURS AND METHODS OF MANUFACTURE
 (51) Int. Cl.
A23L 11/00 (2021.01)
A21D 2/36 (2006.01)
A21D 13/045 (2017.01)
A21D 13/064 (2017.01)
A21D 13/066 (2017.01)
A23L 11/30 (2016.01)

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(71) CRYSTAL PHARMACEUTICAL (SU-ZHOU) CO., LTD

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 (21) 2022325334 (22) 04.08.2022
 (54) CRYSTAL FORM OF LANIFIBRANOR, PREPARATION METHOD THEREFOR, AND USE THEREOF
 (51) Int. Cl.
C07D 417/12 (2006.01)
A61K 31/428 (2006.01)
A61P 1/16 (2006.01)
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 (54) METHOD OF PURIFYING IMMUNOGLOBULIN G AND USES THEREOF

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C07K 16/42 (2006.01)
A61K 39/395 (2006.01)
A61P 37/00 (2006.01)
C07K 16/06 (2006.01)
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 (74) FB Rice Pty Ltd

(71) CUBIC CORPORATION
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 (54) COMPOSITE AUTOMATIC GATE PADDLE
 (51) Int. Cl.
E06B 11/02 (2006.01)
E06B 3/70 (2006.01)
E06B 3/86 (2006.01)
E06B 11/08 (2006.01)
 (87) WO2023/287761
 (31) 63/221,308 (32) 13.07.21 (33) US
 (43) 19.01.2023
 (72) PEACOCK, Colin
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2021460876
 (21) 2021460876 (22) 18.08.2021
 (54) ELECTRODE APPARATUS FOR BLOCKING OR REGULATING NERVES INSIDE BODY
 (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
 (87) WO2023/022253
 (31) 10-2021-0108840 (32) 18.08.21 (33) KR
 (43) 23.02.2023
 (72) BACH, Du Jin; JO, Seok Hyeon
 (74) Baxter Patent Attorneys Pty Ltd

(71) CUTERA, INC.
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 (51) Int. Cl.
A61B 18/20 (2006.01)
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 (72) HUNZIKER, Lukas
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (54) ELECTRODE APPARATUS FOR BLOCKING OR CONTROLLING NERVES IN BODY
 (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
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 (74) Baxter Patent Attorneys Pty Ltd

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 (11) AU-A-2022309301
 (21) 2022309301 (22) 15.07.2022
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 (51) Int. Cl.
G06F 40/56 (2020.01)
G06N 3/08 (2023.01)
G06N 7/00 (2023.01)
G06N 20/10 (2019.01)
H04L 9/40 (2022.01)
 (87) WO2023/283697
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 (72) MOORE, Kristen; CHRISTOPHER, Cody; LIEBOWITZ, David
 (74) FB Rice Pty Ltd

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 (11) AU-A-2022324011
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 (54) SYSTEMS AND METHODS FOR SEPSIS DETECTION AND MANAGEMENT IN PATIENTS
 (51) Int. Cl.
G01N 33/50 (2006.01)
C12Q 1/68 (2018.01)
G01J 3/44 (2006.01)
H01S 3/108 (2006.01)
G06N 20/00 (2019.01)
 (87) WO2023/014802
 (31) 63/230,436 (32) 06.08.21 (33) US
 (43) 09.02.2023
 (72) CARRERA FABRA, Jordi; BRU GIBERT, Rafael; IVEY, Richard Max
 (74) AJ PARK

(71) DEEPQURE INC.
 (11) AU-A-2021460675
 (21) 2021460675 (22) 18.08.2021
 (54) ELECTRODE DEVICE FOR BLOCKING OR CONTROLLING NERVES IN BODY
 (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
 (87) WO2023/022249
 (31) 10-2021-0108645 (32) 18.08.21 (33) KR
 (43) 23.02.2023
 (72) BACH, Du Jin; JO, Seok Hyeon
 (74) Baxter Patent Attorneys Pty Ltd

(71) DHANA INC.
 (11) AU-A-2022315175
 (21) 2022315175 (22) 19.07.2022
 (54) SYSTEM AND METHOD FOR IMPROVED GENERATION OF AVATARS FOR VIRTUAL TRY-ON OF GARMENTS
 (51) Int. Cl.
G06Q 30/06 (2023.01)
G06F 16/20 (2019.01)
G06N 3/02 (2006.01)
G06N 20/00 (2019.01)
G06T 13/40 (2011.01)

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(43) 26.01.2023
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- (74) Spruson & Ferguson
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- (71) DOLBY LABORATORIES LICENSING CORPORATION**
(11) AU-A-2022300855
(21) 2022300855 (22) 27.06.2022
- (54) SIGNALING OF PRIORITY PROCESSING ORDER FOR METADATA MESSAGING IN VIDEO CODING**
- (51) Int. Cl.**
H04N 19/117 (2014.01)
H04N 19/46 (2014.01)
H04N 19/70 (2014.01)
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- (87) WO2023/278302
(31) 63/216,318 (32) 29.06.21 (33) US
(43) 05.01.2023
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- (74) Spruson & Ferguson
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- (71) DOMPE' FARMACEUTICI SPA; ISTITUTO NAZIONALE MALATTIE INFETTIVE LAZZARO SPALLANZANI**
(11) AU-A-2022321982
(21) 2022321982 (22) 03.08.2022
- (54) RALOXIFENE FOR USE IN THE TREATMENT OF SARS-COV-2 VARIANTS INFECTIONS**
- (51) Int. Cl.**
A61K 31/4535 (2006.01)
A61P 31/14 (2006.01)
- (87) WO2023/012233
(31) 21189699.8 (32) 04.08.21 (33) EP
(43) 09.02.2023
- (72) BECCARI, Andrea Rosario; IAC-ONIS, Daniela; TALARICO, Carmine; MANELFI, Candida; SCORZOLINI, Laura; BORDI, Licia; MATUSALI, Giulia; NICASTRI, Emanuele
- (74) Griffith Hack
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- (71) DORAI HOME, INC.**
(11) AU-A-2022306866
(21) 2022306866 (22) 08.07.2022
- (54) RECONFIGURABLE ABSORPTION MAT**
- (51) Int. Cl.**
E04F 15/02 (2006.01)
A47G 27/02 (2006.01)
- (87) WO2023/283422
(31) 17/371,451 (32) 09.07.21 (33) US
(43) 12.01.2023
- (72) KLUG, Jason Charles; NELSON, Aaron Basil
- (74) James & Wells Intellectual Property
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- (71) DORMAKABA SCHWEIZ AG; DORMAKABA ESPAÑA S.A.U.**
(11) AU-A-2022331027
(21) 2022331027 (22) 11.08.2022
- (54) METHOD FOR PREPARING FOR THE START-UP OF A CONTROL UNIT FOR ACCESS DEVICES, ACCESS SYSTEM, CONTROL UNIT, ACCESS DEVICE, COMPUTER PROGRAM PRODUCT**
- (51) Int. Cl.**
G07C 9/00 (2020.01)
G05B 19/042 (2006.01)
G06F 21/31 (2013.01)
G06Q 10/06 (2023.01)
G07C 3/00 (2006.01)
- (87) WO2023/020937
(31) 21382770.2 (32) 19.08.21 (33) EP
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- (72) RAPPEL, Christian; GUERRA, Pedro
- (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) DRIPEL B.V.**
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(21) 2022311443 (22) 12.04.2022
- (54) AQUEOUS BUMETANIDE-CONTAINING LIQUID**
- (51) Int. Cl.**
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 31/00 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
A61K 47/44 (2017.01)
A61M 15/00 (2006.01)
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A61P 11/00 (2006.01)
- (87) WO2023/285009
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(43) 19.01.2023
- (72) PELLIKAAN, Hubert Clemens; VAN DRIEL, Vincent Jean Hendrik Michel
- (74) LAMINAR IP PTY LTD
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- (71) EAGLEPICHER TECHNOLOGIES, LLC**
(11) AU-A-2022339781
(21) 2022339781 (22) 22.08.2022
- (54) BATTERY VENT PROTECTOR**
- (51) Int. Cl.**
H02H 7/18 (2006.01)
H01M 10/0525 (2010.01)
H01M 10/52 (2006.01)
- (87) WO2023/034050
(31) 63/240,110 (32) 02.09.21 (33) US
(43) 09.03.2023
- (72) NOLTE, Kevin; SHIELDS, Rhonda; FRENCH, Garrett; MARIS, Dacota; SMITH, Mark E.
- (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) EAST COAST INNOVATION INC.**
(11) AU-A-2022308059
(21) 2022308059 (22) 11.07.2022
- (54) SYSTEM AND METHOD FOR FISH PUMP LOADING AND CURRENT ZONE CREATION**
- (51) Int. Cl.**
A01K 61/00 (2017.01)
- (71) ELEMENT BIOSCIENCES, INC.**
(11) AU-A-2022316142
(21) 2022316142 (22) 21.07.2022
- (54) OPTICAL SYSTEMS FOR NUCLEIC ACID SEQUENCING AND METHODS THEREOF**
- (51) Int. Cl.**
C12Q 1/686 (2018.01)

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(71) ELPISCIENCE (SUZHOU) BIO- PHARMA, LTD.; ELPISCIENCE BIO- PHARMA, LTD. (11) AU-A-2022317822 (21) 2022317822 (22) 28.07.2022 (54) NOVEL ANTI-SIRPA ANTIBODIES (51) Int. Cl. C07K 16/28 (2006.01) A61K 38/17 (2006.01) A61P 35/00 (2006.01) (87) WO2023/010100 (31) PCT/ CN2021/109041 (32) 28.07.21 (33) CN PCT/ 08.07.22 CN (43) 02.02.2023 (72) LU, Hongtao; NIU, Xiaofeng; WANG, Fengli; WANG, Chunlian; ZHAO, Jin- feng; XING, Roumei; WANG, Haiy- ing; YU, Jingfeng; LI, Lei; WU, Zhihao; GAO, Rui; QIU, Yangsheng (74) Eagar & Associates Pty Ltd	(71) ENAPTER S.R.L. (11) AU-A-2022309127 (21) 2022309127 (22) 08.07.2022 (54) GAS BLOCK FOR THE REMOVAL OF MULTIPLE CONTAMINANTS FROM A GASEOUS STREAM FROM AN ELEC- TROLYSER (51) Int. Cl. B01D 53/26 (2006.01) C01B 3/00 (2006.01) (87) WO2023/281106 (31) 2109977.5 (32) 09.07.21 (33) GB (43) 12.01.2023 (72) CALDECOTT, Ralph; CHAPMAN, Sean Crawford; PINTO, Vito; DIAMOND, Laz- arus; SOEHNER, Michael; BUSCH, Thorben (74) FPA Patent Attorneys Pty Ltd	(71) EPIROC ROCK DRILLS AKTIEBOLAG (11) AU-A-2022350994 (21) 2022350994 (22) 16.09.2022 (54) METHOD AND CONTROL NODE FOR ASSISTED VEHICLE CONTROL IN A MINING ENVIRONMENT (51) Int. Cl. G05D 1/00 (2006.01) (87) WO2023/048615 (31) 2151165-4 (32) 23.09.21 (33) SE (43) 30.03.2023 (72) LANDMARK, Nicklas; ÖKVIST, An- dreas; KALANDER, Jan; KODZAGA, Ermin (74) WRAYS PTY LTD
(71) EMENDOBIO INC. (11) AU-A-2022315298 (21) 2022315298 (22) 21.07.2022 (54) HEPATITIS B VIRUS (HBV) KNOCK- OUTS (51) Int. Cl. A61K 38/46 (2006.01) A61K 48/00 (2006.01) C12N 15/113 (2010.01) C12N 9/22 (2006.01) C12N 15/63 (2006.01) (87) WO2023/004375 (31) 63/224,581 (32) 22.07.21 (33) US (43) 26.01.2023 (72) EMMANUEL, Rafi (74) FB Rice Pty Ltd	(71) ENERGYINTEL SERVICES LTD (11) AU-A-2022306363 (21) 2022306363 (22) 14.06.2022 (54) A THERMAL ENERGY STORAGE SYSTEM (51) Int. Cl. F28D 20/02 (2006.01) F04D 7/00 (2006.01) F04D 13/16 (2006.01) (87) WO2023/282816 (31) 2150911-2 (32) 08.07.21 (33) SE (43) 12.01.2023 (72) PERSSON, Daniel (74) Spruson & Ferguson	(71) ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM (11) AU-A-2022324974 (21) 2022324974 (22) 05.08.2022 (54) MARKER SET AND ITS USE FOR THE IDENTIFICATION OF A DISEASE BASED ON PCL-LIKE TRANSCRIP- TOMIC STATUS (51) Int. Cl. C12Q 1/6886 (2018.01) (87) WO2023/014225 (31) 21190230.9 (32) 06.08.21 (33) EP (43) 09.02.2023 (72) HOFSTE OP BRUININK, Davine; KUIPER, Rowan; SONNEVELD, Pieter (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
(71) EMORY UNIVERSITY; NEUROP, INC. (11) AU-A-2022339672 (21) 2022339672 (22) 02.09.2022 (54) GLUN2B-SUBUNIT SELECTIVE AN- AGONISTS OF THE N-METHYL-D- ASPARTATE RECEPTORS WITH EN- HANCED POTENCY AT ACIDIC PH (51) Int. Cl. A61K 31/54 (2006.01) A61K 31/33 (2006.01) A61K 31/395 (2006.01) A61K 31/407 (2006.01) A61K 31/496 (2006.01) (87) WO2023/034589 (31) 63/240,125 (32) 02.09.21 (33) US (43) 09.03.2023 (72) LIOTTA, Dennis; TRAYNELIS, Steph- en; WILSON, Lawrence; TAHIROVIC, Yesim, Altas; MENALDINO, David;	(71) EPIRIUM BIO INC. (11) AU-A-2022319753 (21) 2022319753 (22) 27.07.2022 (54) PYRROLO[2,3-B]PYRIDINE PGDH IN- HIBITORS AND METHODS OF MAK- ING AND USING (51) Int. Cl. A61K 31/445 (2006.01) C07D 211/14 (2006.01) C07D 471/04 (2006.01) C07D 487/04 (2006.01) (87) WO2023/009642 (31) 63/226,670 (32) 28.07.21 (33) US (43) 02.02.2023 (72) DUGAR, Sundeep; FAHR, Bruce; RAI, Roopa; GREEN, Michael J. (74) FB Rice Pty Ltd	(71) ESSITY HYGIENE AND HEALTH AK- TIEBOLAG (11) AU-A-2021467589 (21) 2021467589 (22) 06.10.2021 (54) COMPRESSION GARMENT AND A METHOD OF MANUFACTURING SAME (51) Int. Cl. D04B 1/10 (2006.01) D04B 1/26 (2006.01) (87) WO2023/057053 (43) 13.04.2023 (72) DITTMAN, Stefan; PLATZ, Sascha (74) Griffith Hack
(71) LIOTTA, Dennis; TRAYNELIS, Steph- en; WILSON, Lawrence; TAHIROVIC, Yesim, Altas; MENALDINO, David;	(71) EPIROC ROCK DRILLS AKTIEBOLAG (11) AU-A-2021465509 (21) 2021465509 (22) 24.09.2021 (54) A HYDRAULIC ARRANGEMENT FOR A ROCK DRILLING MACHINE (51) Int. Cl. E21B 7/02 (2006.01) E21B 19/086 (2006.01) (87) WO2023/048606	(71) ESSITY HYGIENE AND HEALTH AK- TIEBOLAG (11) AU-A-2022441607 (21) 2022441607 (22) 18.02.2022 (54) ABSORBENT ARTICLE (51) Int. Cl. A61F 13/15 (2006.01) A61F 13/511 (2006.01) A61F 13/512 (2006.01) A61F 13/513 (2006.01) A61F 13/84 (2006.01) (87) WO2023/155997

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 BLOMSTRÖM, Philip
 (74) Griffith Hack
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- (71) ESS TECH, INC.
 (11) AU-A-2022337172
 (21) 2022337172 (22) 29.07.2022
 (54) SYSTEMS AND METHODS FOR FLOWING, STORING, AND REBALANCING ELECTROLYTE IN REDOX FLOW BATTERY SYSTEM
 (51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04082 (2016.01)
H01M 8/04186 (2016.01)
H01M 8/04276 (2016.01)
H01M 8/24 (2016.01)
 (87) WO2023/034670
 (31) 63/260,793 (32) 31.08.21 (33) US
 (43) 09.03.2023
 (72) SONG, Yang; EVANS, Craig
 (74) WRAYS PTY LTD
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- (71) ESS TECH, INC.
 (11) AU-A-2022339889
 (21) 2022339889 (22) 29.07.2022
 (54) SYSTEMS AND METHODS FOR CIRCULATING ELECTROLYTE AND ELECTRIC CURRENT IN SERIES COUPLED REDOX FLOW BATTERY CELLS
 (51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/04082 (2016.01)
H01M 8/04186 (2016.01)
H01M 8/04276 (2016.01)
H01M 8/24 (2016.01)
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 (43) 09.03.2023
 (72) SONG, Yang; EVANS, Craig
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- (71) ESS TECH, INC.
 (11) AU-A-2022340809
 (21) 2022340809 (22) 31.08.2022
 (54) METHODS AND SYSTEMS FOR SURFACE DISRUPTION OF BIPOLAR PLATE AND SUBSEQUENT USE THEREOF IN REDOX FLOW BATTERY
 (51) Int. Cl.
H01M 8/0202 (2016.01)
H01M 8/0206 (2016.01)
H01M 8/0258 (2016.01)
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 (87) WO2023/034884
 (31) 63/260,795 (32) 31.08.21 (33) US
 (43) 09.03.2023
 (72) CASEY, Sean
 (74) WRAYS PTY LTD
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- (71) EVONIK OPERATIONS GMBH
 (11) AU-A-2022307756
 (21) 2022307756 (22) 07.07.2022
- (54) COMPOSITION COMPRISING A (METH)ACRYLATE COPOLYMER, AN ALKALI OR AMMONIUM SALT OF A SATURATED ALIPHATIC MONOCARBOXYLIC ACID AND SPECIFIC GLIDANTS
 (51) Int. Cl.
A61K 9/50 (2006.01)
A23P 20/10 (2016.01)
A61K 8/02 (2006.01)
A61K 8/25 (2006.01)
A61K 8/36 (2006.01)
A61K 8/365 (2006.01)
A61K 8/37 (2006.01)
A61K 8/73 (2006.01)
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A61K 8/9794 (2017.01)
A61K 9/16 (2006.01)
A61K 31/522 (2006.01)
A61K 47/02 (2006.01)
A61K 47/12 (2006.01)
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A61K 47/36 (2006.01)
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A61K 47/46 (2006.01)
A61Q 19/00 (2006.01)
 (87) WO2023/280962
 (31) 21184702.5 (32) 09.07.21 (33) EP
 (43) 12.01.2023
 (72) ROTH, Erna; NIEPOTH, Peter; ENGEL, Andrea; GÜTTLER, Lisa; KLOSEN-DORF, Andreas
 (74) AJ PARK
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- (71) EVONIK OPERATIONS GMBH
 (11) AU-A-2022308614
 (21) 2022308614 (22) 29.06.2022
 (54) HARD SHELL CAPSULES HAVING IMPROVED COLON RELEASE
 (51) Int. Cl.
A61K 9/48 (2006.01)
A23P 20/10 (2016.01)
A23P 20/20 (2016.01)
A61K 8/25 (2006.01)
A61K 8/36 (2006.01)
A61K 8/365 (2006.01)
A61K 8/37 (2006.01)
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A61Q 19/00 (2006.01)
 (87) WO2023/280649
 (31) 21184696.9 (32) 09.07.21 (33) EP
 (43) 12.01.2023
 (72) AßMUS, Manfred; ROTH, Erna; BRUNS, Jessica
 (74) WRAYS PTY LTD
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- (71) FAETH THERAPEUTICS, INC.
 (11) AU-A-2022331278
 (21) 2022331278 (22) 17.08.2022
 (54) PERSONALIZED MODULATION THERAPY FOR CANCER
 (51) Int. Cl.
G01N 33/573 (2006.01)
A61K 31/198 (2006.01)
A61P 35/00 (2006.01)
G01N 33/53 (2006.01)
- (87) WO2023/023147
 (31) 63/234,507
 (21) 2022314270 (22) 22.07.2022
 (54) SODIUM-ION CELLS
 (51) Int. Cl.
H01M 10/054 (2010.01)
H01M 4/131 (2010.01)
H01M 4/133 (2010.01)
H01M 4/38 (2006.01)
H01M 10/44 (2006.01)
 (87) WO2023/002218
 (31) 2110658.8 (32) 23.07.21 (33) GB
 (43) 26.01.2023
 (72) BARKER, Jeremy; WRIGHT, Christopher John; RUDOLA, Ashish
 (74) FB Rice Pty Ltd
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- (71) FESTOOL GMBH
 (11) AU-A-2022326217
 (21) 2022326217 (22) 12.08.2022
 (54) EXOSKELETON DEVICE AND METHOD
 (51) Int. Cl.
B25J 9/00 (2006.01)
 (87) WO2023/017170
 (31) 10 2021 208 910.0 (32) 13.08.21 (33) DE
 (43) 16.02.2023
 (72) OTTEN, Bernward; WEIDNER, Robert
 (74) FB Rice Pty Ltd
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- (71) FESTOOL GMBH
 (11) AU-A-2022327641
 (21) 2022327641 (22) 12.08.2022
 (54) EXOSKELETON DEVICE AND METHOD
 (51) Int. Cl.
B25J 9/00 (2006.01)
B25J 9/16 (2006.01)
B25J 19/02 (2006.01)
B25J 19/06 (2006.01)
 (87) WO2023/017173
 (31) 10 2021 208 903.8 (32) 13.08.21 (33) DE
 (43) 16.02.2023
 (72) OTTEN, Bernward; WEIDNER, Robert
 (74) FB Rice Pty Ltd
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 (11) AU-A-2022322025
 (21) 2022322025 (22) 05.08.2022
 (54) COMPOUNDS CONSTITUTING C20-MODIFIED SALINOMYCIN DERIVATIVES, A METHOD FOR OBTAINING THE SAME, A COMPOSITION CONTAINING THE SAME AND A USE OF SAID COMPOUNDS
 (51) Int. Cl.
C07D 493/20 (2006.01)

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- A61K 31/35** (2006.01)
A61K 31/422 (2006.01)
A61K 31/427 (2006.01)
A61K 31/4433 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/012323
(31) P.438696 (32) 05.08.21 (33) PL
(43) 09.02.2023
(72) CZERWONKA, Dominika; KRZYWIK, Julia; SOBIERAJSKI, Tomasz; KLE-JBOROWSKA, Greta; ULLRICH, Malgorzata; MOZGA, Witold; HUCZYNSKI, Adam; PILASZEK, Przemyslaw
(74) Acacia Law
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- (71) FILLOW, INC.
(11) AU-A-2022340566
(21) 2022340566 (22) 31.08.2022
(54) A MENSTRUAL COLLECTING DEVICE AND APPLICATOR
(51) Int. Cl.
A61F 5/455 (2006.01)
A61F 13/20 (2006.01)
(87) WO2023/034401
(31) 63/239,460 (32) 01.09.21 (33) US
(43) 09.03.2023
(72) FOSTER, Gregory James; SHELDON, Robert Warren; ROSS, Camryn Josie; WOO, Heekyoung; CHOI, Seoyeon; KIM, Soyee
(74) GLMR
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- (71) FLOWSERVE PTE. LTD.
(11) AU-A-2022328112
(21) 2022328112 (22) 16.07.2022
(54) FLUID FLOW CONTROL DEVICES AND SYSTEMS, AND METHODS OF FLOWING FLUIDS
(51) Int. Cl.
F16L 55/027 (2006.01)
B33Y 80/00 (2015.01)
F16K 47/06 (2006.01)
(87) WO2023/018520
(31) 17/401,300 (32) 12.08.21 (33) US
(43) 16.02.2023
(72) PARISH, Jeff; BARTHOLOMEW, David; DAVIS, James; GUO, Shanwei; AS-OKAN, Kaushik
(74) GLMR
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- (71) FLUX CONSOLIDATED PTY LTD
(11) AU-A-2022344804
(21) 2022344804 (22) 07.09.2022
(54) A COMPUTER INPUT DEVICE
(51) Int. Cl.
G01B 7/00 (2006.01)
G01D 5/14 (2006.01)
G05G 9/047 (2006.01)
G05G 9/053 (2006.01)
G06F 3/0354 (2013.01)
G06F 3/046 (2006.01)
(87) WO2023/035029
(31) 2021902918 (32) 09.09.21 (33) AU
(43) 16.03.2023
(72) DARMASETIawan, Sebastian
(74) Patentec Patent Attorneys
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- (71) FLYING WHALES
(11) AU-A-2022313537
(21) 2022313537 (22) 21.07.2022
(54) METHOD AND SYSTEM FOR CHARACTERIZING, IN REAL TIME, ATMOSPHERIC CONDITIONS IN AN ENVIRONMENT OF AN AIRCRAFT, DRONES IMPLEMENTED IN THIS SYSTEM, AND AIRCRAFT IMPLEMENTING SUCH A SYSTEM
(51) Int. Cl.
G01W 1/00 (2006.01)
G01S 17/95 (2006.01)
G01W 1/08 (2006.01)
G08G 5/00 (2006.01)
(87) WO2023/002135
(31) FR2107885 (32) 21.07.21 (33) FR
(43) 26.01.2023
(72) SCELO, Damien; ROTACH, Pauline; SETTIER, Kewin; HAUVILLER, Frédéric
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) FLYING WHALES
(11) AU-A-2022314254
(21) 2022314254 (22) 21.07.2022
(54) ELECTRICALLY PROPELLED AIRSHIP HAVING A RIGID STRUCTURE AND POWER-GENERATING NACELLE WITH WHICH SAID AIRSHIP IS PROVIDED
(51) Int. Cl.
B64B 1/06 (2006.01)
B64B 1/24 (2006.01)
B64D 27/02 (2006.01)
(87) WO2023/002133
(31) FR2107881 (32) 21.07.21 (33) FR
(43) 26.01.2023
(72) GUILLOU, Pierrot; TAILLARDAT, Clémence
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) FLYING WHALES
(11) AU-A-2022315008
(21) 2022315008 (22) 21.07.2022
(54) SYSTEM FOR THE THERMAL MANAGEMENT OF AN EXTERNAL ELECTRIC-POWER-GENERATING NACELLE EQUIPPING AN ELECTRICALLY POWERED AIRSHIP, NACELLE AND AIRSHIP EQUIPPED WITH SAID SYSTEM
(51) Int. Cl.
B64D 33/08 (2006.01)
B64B 1/28 (2006.01)
B64D 45/00 (2006.01)
(87) WO2023/002131
(31) FR2107860 (32) 21.07.21 (33) FR
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(72) GUILLOU, Pierrot; GREGOIRE, Gilles; DESGEORGES, Olivier
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) FMC CORPORATION
(11) AU-A-2022328803
(21) 2022328803 (22) 18.08.2022
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- (54) FUNGICIDAL SUBSTITUTED HETERO CYCLES
(51) Int. Cl.
C07D 213/26 (2006.01)
A01N 43/40 (2006.01)
A01N 43/653 (2006.01)
C07D 213/30 (2006.01)
C07D 213/63 (2006.01)
C07D 237/14 (2006.01)
C07D 237/16 (2006.01)
C07D 237/22 (2006.01)
C07D 237/24 (2006.01)
C07D 261/12 (2006.01)
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C07D 417/04 (2006.01)
(87) WO2023/023242
(31) 63/234,447 (32) 18.08.21 (33) US
(43) 23.02.2023
(72) HIE, Liana; LONG, Jeffrey Keith; AKWABOAH, Daniel; REDDY, Ravisekhara P; SHARPE, Paula Louise; STEVENSON, Thomas Martin; WHITE, Alexander Robert
(74) WRAYS PTY LTD
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- (71) FOREVER LABS, INC.
(11) AU-A-2022335348
(21) 2022335348 (22) 23.08.2022
(54) DEVICE AND METHOD FOR ISOLATING EXTRACELLULAR VESICLES
(51) Int. Cl.
A61M 1/36 (2006.01)
B01L 3/00 (2006.01)
A61K 8/98 (2006.01)
A61K 35/16 (2015.01)
A61K 35/19 (2015.01)
A61K 35/28 (2015.01)
(87) WO2023/028031
(31) 63/236,643 (32) 24.08.21 (33) US
(43) 02.03.2023
(72) KATAKOWSKI, Mark; HOZESKA-SOLGOT, Ann
(74) Spruson & Ferguson
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- (71) FPI FOOD PROCESSING INNOVATION GMBH & CO. KG
(11) AU-A-2021457761
(21) 2021457761 (22) 26.07.2021
(54) METHODS, DEVICES AND ARRANGEMENT FOR LOCATING BONY PARTS PRESENT IN A POULTRY LEG
(51) Int. Cl.
A22B 5/00 (2006.01)
A22C 17/00 (2006.01)
A22C 21/00 (2006.01)
(87) WO2023/006173
(43) 02.02.2023
(72) ISERNHAGEN, Christoph Fabian; SCHLESIGER, Oliver; JARCK, Florian
(74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
-
- (71) FREENOME HOLDINGS, INC.
(11) AU-A-2022313872
(21) 2022313872 (22) 19.07.2022
(54) COMPOSITIONS AND METHODS FOR IMPROVED 5-HYDROXY-

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- METHYLATED CYTOSINE RESOLUTION IN NUCLEIC ACID SEQUENCING
(51) Int. Cl.
C12Q 1/6853 (2018.01)
C12Q 1/6806 (2018.01)
C12P 19/34 (2006.01)
(87) WO2023/003851
(31) 63/223,661 **(32)** 20.07.21 (33) US
(43) 26.01.2023
(72) ARIAZI, Eric; ESQUETINI, Paula; TEWARI, Aneesha; WEINBERG, David
(74) FB Rice Pty Ltd
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- (71)** FUTAMURA KAGAKU KABUSHIKI KAISHA
(11) AU-A-2022366432
(21) 2022366432 **(22)** 03.10.2022
(54) STRETCHED POLYPROPYLENE FILM
(51) Int. Cl.
B32B 27/32 (2006.01)
B29C 55/02 (2006.01)
C08L 23/12 (2006.01)
C08L 23/14 (2006.01)
(87) WO2023/063142
(31) 2021-166752 **(32)** 11.10.21 (33) JP
(43) 20.04.2023
(72) OKUMURA Atsushi
(74) Davies Collison Cave Pty Ltd
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- (71)** GALAPAGOS NV
(11) AU-A-2022310901
(21) 2022310901 **(22)** 11.07.2022
(54) TREATMENT OF INFLAMMATORY DISEASES
(51) Int. Cl.
A61K 31/5377 (2006.01)
A61K 45/06 (2006.01)
A61P 17/00 (2006.01)
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A61P 37/02 (2006.01)
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(87) WO2023/285405
(31) 21305971.0 **(32)** 12.07.21 (33) EP
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(43) 19.01.2023
(72) DAO, Justine; GALIEN, René, Alexandre; PETKOVA, Magdalena Yonkova; SEEMAYER, Christian Alexander; HELLOT, Edouard; RUEDA RINCON, Natalia
(74) Davies Collison Cave Pty Ltd
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- (71)** GASCONSULT LIMITED
(11) AU-A-2022324729
(21) 2022324729 **(22)** 12.07.2022
(54) PROCESS FOR PRODUCING LIQUEFIED HYDROGEN
(51) Int. Cl.
F25J 1/00 (2006.01)
F25J 1/02 (2006.01)
(87) WO2023/012443
(31) 2111396.4 **(32)** 06.08.21 (33) GB
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(72) SKINNER, Geoffrey, Frederick
(74) Adams Pluck
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(11) AU-A-2022327859
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(54) CYTOTOXICITY TARGETING CHIMERAS
(51) Int. Cl.
A61K 47/55 (2017.01)
A61P 35/00 (2006.01)
(87) WO2023/017484
(31) 63/233,144 **(32)** 13.08.21 (33) US
(43) 16.02.2023
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(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** GLOBAL ENVIRO HOLDING PTE. LTD.
(11) AU-A-2022431612
(21) 2022431612 **(22)** 06.01.2022
(54) METHOD AND APPARATUS FOR TIRE RECYCLING
(51) Int. Cl.
B09B 3/40 (2022.01)
C09C 1/48 (2006.01)
F23G 5/027 (2006.01)
F27D 11/06 (2006.01)
H05H 1/30 (2006.01)
H05H 1/32 (2006.01)
B09B 101/80 (2022.01)
(87) WO2023/132784
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(72) PASKALOV, George
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- (71)** GLOBERIDE, INC.
(11) AU-A-2022315650
(21) 2022315650 **(22)** 16.02.2022
(54) REEL SEAT GRIP MEMBER, HANDLE MEMBER FOR FISHING ROD, AND FISHING ROD
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A01K 87/08 (2006.01)
A01K 87/00 (2006.01)
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(74) Griffith Hack
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- (71)** GOLAN PLASTIC PRODUCTS LTD.
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(54) PIPE FOR TRANSPORTING A FLUID, INSULATED PIPE WITH SUCH, AND METHOD FOR MANUFACTURING A PIPE
(51) Int. Cl.
F16L 9/12 (2006.01)
B32B 7/12 (2006.01)
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- (71)** GRIFOLS WORLDWIDE OPERATIONS LIMITED
(11) AU-A-2022326188
(21) 2022326188 **(22)** 09.08.2022
(54) METHOD FOR PRODUCING HUMAN PLASMA-DERIVED FACTOR VIII / VON WILLEBRAND FACTOR AND COMPOSITION OBTAINED
(51) Int. Cl.
A61K 38/37 (2006.01)

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A61K 47/18 (2017.01)
A61P 7/04 (2006.01)
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B65D 85/804 (2006.01)
B32B 3/26 (2006.01)
B32B 7/022 (2019.01)
B32B 7/05 (2019.01)
B32B 27/32 (2006.01)
B32B 27/36 (2006.01)
B65B 7/00 (2006.01)
B65D 65/40 (2006.01)
B65D 77/20 (2006.01)
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(74) Davies Collison Cave Pty Ltd
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(21) 2022305711 (22) 08.07.2022
(54) APPLICATION OF LOXOPROFEN SODIUM IN PREPARATION OF DRUG FOR TREATING DRY EYE DISEASE
(51) Int. Cl.
A61K 31/192 (2006.01)
A61P 27/02 (2006.01)
A61P 29/00 (2006.01)
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(74) FB Rice Pty Ltd
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(21) 2022306163 (22) 08.07.2022
(54) COMPOSITION CONTAINING LOXOPROFEN SODIUM
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A61K 31/192 (2006.01)
A61K 9/06 (2006.01)
- A61K 9/08** (2006.01)
A61K 9/70 (2006.01)
A61K 47/26 (2006.01)
A61K 47/36 (2006.01)
A61P 27/02 (2006.01)
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(54) PRESSURE ISOLATION RING TO ISOLATE THE SETTING CHAMBER ONCE HYDRAULIC PACKER IS SET
(51) Int. Cl.
E21B 33/126 (2006.01)
E21B 23/06 (2006.01)
E21B 33/12 (2006.01)
E21B 34/10 (2006.01)
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(31) 17/545,105 (32) 08.12.21 (33) US
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(54) METHODS OF MAKING AND USING A CEMENTITIOUS COMPOSITION WITH ULTRA-LOW PORTLAND CEMENT
(51) Int. Cl.
E21B 33/14 (2006.01)
C09K 8/467 (2006.01)
E21B 43/26 (2006.01)
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E21B 33/128 (2006.01)
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(54) WELL SEALING TOOL WITH ISOLATABLE SETTING CHAMBER
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E21B 23/06 (2006.01)
E21B 34/10 (2006.01)
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 (51) Int. Cl.
E21B 33/14 (2006.01)
E21B 43/12 (2006.01)
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- (71) HANG ZHOU YUHONG PHARMATECH CO., LTD.
 (11) AU-A-2022334383
 (21) 2022334383 (22) 24.08.2022
 (54) AROMATIC HETEROCYCLIC COMPOUND, PHARMACEUTICAL COMPOSITION CONTAINING SAME, AND USE THEREOF
 (51) Int. Cl.
C07D 519/00 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/519 (2006.01)
A61P 11/00 (2006.01)
A61P 17/14 (2006.01)
A61P 19/02 (2006.01)
A61P 37/06 (2006.01)
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 (43) 02.03.2023
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- (71) HANSHOW TECHNOLOGY CO., LTD.
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 (21) 2021455235 (22) 05.07.2021
 (54) ELECTRONIC PRICE TAG
 (51) Int. Cl.
G06K 19/077 (2006.01)
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 (87) WO2023/279229
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 (74) FB Rice Pty Ltd
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- (71) HAULOTTE GROUP
 (11) AU-A-2022313535
 (21) 2022313535 (22) 20.07.2022
 (54) SELF-PROPELLING PIECE OF LIFTING MACHINERY HAVING A MAIN ELECTRICAL POWER SOURCE AND ABLE TO ACCOMMODATE VARIOUS INTERCHANGEABLE SECONDARY ELECTRICAL POWER SOURCES
 (51) Int. Cl.
B66F 9/24 (2006.01)
B60K 1/04 (2019.01)
B60L 53/65 (2019.01)
B60L 53/80 (2019.01)
B66F 9/065 (2006.01)
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B66F 11/04 (2006.01)
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 (54) EJECTOR MANIFOLD AND SUBSURFACE PROCESS TO HARVEST LOW-PRESSURE NATURAL GAS
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E21B 34/00 (2006.01)
E21B 43/40 (2006.01)
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 (72) BRUNER, Scott, D.
 (74) GLMR
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- (71) HEFEI TG IMMUNOPHARMA CO., LTD.
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 (54) ANTIBODY AND USE THEREOF
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
A61P 31/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/02 (2006.01)
A61P 37/06 (2006.01)
C12N 15/13 (2006.01)
G01N 33/574 (2006.01)
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 (21) 2022335645 (22) 04.08.2022
 (54) METHOD, REMOTE ACCESS SERVER, COMMUNICATION DEVICE AND SYSTEM FOR REMOTE ACCESS TO A VEHICLE
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H04L 67/125 (2022.01)
H04L 67/56 (2022.01)
H04W 4/44 (2018.01)
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- (71) HILTI AKTIENGESELLSCHAFT
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 (54) MACHINE AND METHOD FOR RUNNING A MACHINE
 (51) Int. Cl.
B25F 5/00 (2006.01)
B25B 21/00 (2006.01)
B25B 23/147 (2006.01)
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 (74) Spruson & Ferguson
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- (71) HINOVA PHARMACEUTICALS INC.
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 (54) SYNTHESIS AND APPLICATION OF PHOSPHATASE DEGRADER
 (51) Int. Cl.
C07D 239/48 (2006.01)
A61P 35/00 (2006.01)
C07D 241/26 (2006.01)
C07D 249/14 (2006.01)
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 (74) FB Rice Pty Ltd
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- (71) HITACHI SYSTEMS, LTD.
 (11) AU-A-2023243842
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 (54) WATER QUALITY SENSOR CALIBRATION SYSTEM, WATER QUALITY MANAGEMENT SYSTEM, AND WATER QUALITY MANAGEMENT METHOD
 (51) Int. Cl.
G01N 33/18 (2006.01)
C02F 1/00 (2023.01)
G01D 3/00 (2006.01)
G01D 18/00 (2006.01)
G08C 25/00 (2006.01)
H04Q 9/00 (2006.01)
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- (71) HOBOOMLIFE BIO-TECHNOLOGY (SHENZHEN) CO., LTD.
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 (54) MICROCAPSULE POWDER STABLE IN GASTRIC ACID, PREPARATION

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A61K 9/50 (2006.01)
A23L 33/13 (2016.01)
A23P 10/30 (2016.01)
A61K 31/7084 (2006.01)
A61K 47/10 (2017.01)
A61P 25/20 (2006.01)
A61P 37/04 (2006.01)
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(21) 2022345766 (22) 13.09.2022
(54) CUSTOMIZED INTEGRATED OSTOMY POUCH COMFORT PANEL AND POUCH COVER AND METHOD OF MAKING SAME
- (51) Int. Cl.
A61F 5/445 (2006.01)
(87) WO2023/043721
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(21) 2021460907 (22) 18.08.2021
(54) COSMETIC TREATMENT METHOD AND FORMULATION FOR SCALP AND HAIR, AND PRODUCT THEREOF
- (51) Int. Cl.
A61M 11/00 (2006.01)
A61K 8/63 (2006.01)
A61K 8/65 (2006.01)
A61K 8/67 (2006.01)
A61K 8/97 (2017.01)
A61Q 5/00 (2006.01)
A61Q 7/00 (2006.01)
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(74) Griffith Hack
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- (71) HOWARD UNIVERSITY; WADE, M.I.
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(21) 2022315209 (22) 21.07.2022
(54) HYBRID PUBLIC-KEY AND PRIVATE-KEY CRYPTOGRAPHIC SYSTEMS BASED ON ISO-RSA ENCRYPTION SCHEME
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H04L 9/14 (2006.01)
H04L 9/30 (2006.01)
H04L 9/40 (2022.01)
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(21) 2022321398 (22) 08.07.2022
(54) ROUTING METHOD AND COMMUNICATION APPARATUS
- (51) Int. Cl.
H04W 40/02 (2009.01)
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SHI, Yulong
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(21) 2022321483 (22) 01.08.2022
(54) RELAY COMMUNICATION METHOD, COMMUNICATION APPARATUS, AND COMMUNICATION SYSTEM
- (51) Int. Cl.
H04W 48/08 (2009.01)
(87) WO2023/011424
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(11) AU-A-2022321592
(21) 2022321592 (22) 18.07.2022
(54) METHOD AND APPARATUS FOR DISCOVERING EDGE APPLICATION SERVER
- (51) Int. Cl.
H04W 4/50 (2018.01)
(87) WO2023/011152
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(74) Spruson & Ferguson
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(11) AU-A-2022327300
(21) 2022327300 (22) 26.07.2022
(54) COMMUNICATION METHOD AND DEVICE
- (51) Int. Cl.
H04W 80/10 (2009.01)
H04W 76/10 (2018.01)
H04W 76/25 (2018.01)
- (87) WO2023/016251
(31) 202110905125.9 (32) 08.08.21 (33) CN
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(54) COMMUNICATION METHOD AND RELATED DEVICE
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H04W 72/04 (2023.01)
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(74) Halfords IP
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(11) AU-A-2022328940
(21) 2022328940 (22) 17.08.2022
(54) COMMUNICATION METHOD AND COMMUNICATION APPARATUS
- (51) Int. Cl.
H04W 24/02 (2009.01)
(87) WO2023/020525
(31) 202110957217.1 (32) 19.08.21 (33) CN
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(72) GAN, Ming; GUO, Yuchen; HUANG, Guogang; YANG, Xun
(74) Halfords IP
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- (71) HUBA CONTROL AG
(11) AU-A-2022338091
(21) 2022338091 (22) 29.08.2022
(54) PRESSURE MEASURING CELL
- (51) Int. Cl.
G01L 9/00 (2006.01)
G01L 19/00 (2006.01)
G01L 19/06 (2006.01)
G01L 19/14 (2006.01)
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(31) CH070224/2021 (32) 31.08.21 (33) CH
(43) 09.03.2023
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(74) Spruson & Ferguson
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(11) AU-A-2022338994
(21) 2022338994 (22) 29.08.2022
(54) METAL PRESSURE MEASURING CELL
- (51) Int. Cl.
G01L 9/00 (2006.01)
G01L 13/02 (2006.01)
G01L 19/14 (2006.01)
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 C25B 9/77 (2021.01) C25B 11/052 (2021.01)
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B60L 53/65 (2019.01)
G06Q 50/06 (2012.01)
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TREATMENT FOR CANCER
(51) Int. Cl.
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BUI, Lynne
(74) AJ PARK
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FOR IMPROVED TREATMENT OF
DISORDERS AFFECTING THE CENT-
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A61P 25/28 (2006.01)
C12N 15/86 (2006.01)
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(74) SR Intellectual Property
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USING THE SAME
(51) Int. Cl.
H01M 10/54 (2006.01)
C01D 15/08 (2006.01)
C01G 53/00 (2006.01)
C22B 23/02 (2006.01)
C22B 26/12 (2006.01)
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A45F 5/02 (2006.01)
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C12N 15/74 (2006.01)
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C12P 5/00 (2006.01)
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F24S 20/61 (2018.01)
F24S 30/425 (2018.01)
F24S 50/80 (2018.01)
G02B 5/08 (2006.01)
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H04W 12/00 (2021.01)
H04W 12/02 (2009.01)
H04W 12/0431 (2021.01)
H04W 12/047 (2021.01)
H04W 12/30 (2021.01)
H04W 12/72 (2021.01)
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A47L 9/14 (2006.01)
A47L 5/24 (2006.01)
A47L 7/00 (2006.01)
A47L 9/16 (2006.01)
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H01M 50/211 (2021.01)
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A23J 3/14 (2006.01)
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B33Y 80/00 (2015.01)
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C09J 7/30 (2018.01)
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 (11) AU-A-2022335124
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B01D 53/96 (2006.01)
C01B 17/16 (2006.01)
C01B 32/50 (2017.01)
C07C 211/09 (2006.01)
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C07K 14/415 (2006.01)
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H04W 88/06 (2009.01)
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A23L 29/281 (2016.01)
A23L 33/15 (2016.01)
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A47B 96/06 (2006.01)	
A47F 5/08 (2006.01)	
A47G 1/16 (2006.01)	
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F24F 1/0057 (2019.01)	
F24F 13/10 (2006.01)	
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B60R 3/00 (2006.01)	
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A61P 31/14 (2006.01)	
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C07K 19/00 (2006.01)	
C12N 15/87 (2006.01)	
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B65G 1/04 (2006.01)
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C01B 32/50 (2017.01)
C01B 3/04 (2006.01)
C01F 5/24 (2006.01)
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E21B 47/10 (2012.01)
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A43C 11/00 (2006.01)
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C12N 15/113 (2010.01)
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A01N 27/00 (2006.01)
A01N 25/02 (2006.01)
A01N 37/06 (2006.01)
A01N 65/22 (2009.01)
A01P 7/04 (2006.01)
A61K 31/01 (2006.01)
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C07K 7/08 (2006.01)
A61K 38/10 (2006.01)
A61K 38/12 (2006.01)
A61K 47/64 (2017.01)
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A61P 19/02 (2006.01)
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C01B 32/198 (2017.01)
C06B 43/00 (2006.01)
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G06Q 30/06 (2023.01)
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 (51) Int. Cl.
G01N 1/28 (2006.01)
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 (21) 2022325783 (22) 11.08.2022
 (54) SYSTEM AND METHOD FOR STORAGE OF GASEOUS HYDROGEN
 (51) Int. Cl.
F17C 1/00 (2006.01)
F17C 5/06 (2006.01)
B65D 81/20 (2006.01)
C01B 6/24 (2006.01)
F17C 1/02 (2006.01)
H01M 8/04 (2016.01)
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 (72) MEHTA, Sanjay; REAMAN, Eric, T.
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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 (21) 2022361507 (22) 06.10.2022
 (54) LIQUID-LIQUID EXTRACTION OF PURIFIED PSYCHOACTIVE ALKALOID
 (51) Int. Cl.
A61K 31/4045 (2006.01)
A61K 36/07 (2006.01)
B01D 11/02 (2006.01)
C07D 209/16 (2006.01)
 (87) WO2023/056561
 (31) 3133547 (32) 07.10.21 (33) CA
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 (72) MOSS, Ryan; LIGHTBURN, Benjamin; RANKEN, Lisa
 (74) Davies Collison Cave Pty Ltd
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B01D 11/02 (2006.01)
C07D 209/16 (2006.01)
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 (72) MOSS, Ryan; LIGHTBURN, Benjamin; RANKEN, Lisa
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- (71) PTC THERAPEUTICS, INC.
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 (54) PHARMACEUTICAL COMPOSITIONS COMPRISING 2,3,5-TRIMETHYL-6-NONYLCYCLOHEXA-2,5-DIENE-1,4-DIONE
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A61K 9/107 (2006.01)
A61K 31/122 (2006.01)

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 (72) PINNAMANENI, Swathi; DALI, Mandar V.; PATEL, Dhaval; UDDIN, Akm Nasir
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (54) HETEROARYL COMPOUNDS FOR TREATING HUNTINGTON'S DISEASE
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C07D 487/04 (2006.01)
A61K 31/5025 (2006.01)
A61P 25/14 (2006.01)
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 (54) VEHICLE SAFETY GUARD SYSTEM WITH HEIGHT ADJUSTMENT
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B60R 21/34 (2011.01)
B60R 19/54 (2006.01)
B60R 19/56 (2006.01)
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 (72) BARRON, Mark, B.
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 (54) PARAXANTHINE-BASED CAFFEINE SUBSTITUTE COMPOSITIONS AND METHOD OF USE THEREOF IN SLOW CAFFEINE METABOLIZERS
 (51) Int. Cl.
A61K 31/522 (2006.01)
A23L 33/00 (2016.01)
A61P 3/00 (2006.01)
A61P 25/00 (2006.01)
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 (74) Dentons Patent Attorneys Australasia Limited
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 (54) PAINT MIXING CUP WITH FLOW GUIDING FUNCTION
 (51) Int. Cl.
B01F 35/00 (2022.01)
B01F 35/75 (2022.01)
B65D 43/02 (2006.01)
B01F 101/30 (2022.01)
 (87) WO2023/284532
 (31) 202121593544.5 (32) 13.07.21 (33) CN
 (43) 19.01.2023
 (72) XIAO, Yun
 (74) Madderns Pty Ltd
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- (71) QSC, LLC
 (11) AU-A-2022364987
 (21) 2022364987 (22) 11.10.2022
 (54) MULTI-SOURCE AUDIO PROCESSING SYSTEMS AND METHODS
 (51) Int. Cl.
H04N 7/15 (2006.01)
H04B 15/00 (2006.01)
G10L 21/02 (2013.01)
H04M 3/56 (2006.01)
 (87) WO2023/064750
 (31) 63/254,901 (32) 12.10.21 (33) US
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 (72) NIGHMAN, Christopher Charles; ROSENBOOM, Gerrit Eimbertus; AGUILAR, Alfredo Martin; SKOGMO, Matthew George
 (74) Griffith Hack
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- (71) QUALCOMM INCORPORATED
 (11) AU-A-2022361458
 (21) 2022361458 (22) 22.09.2022
 (54) INTER PREDICTION CODING WITH RADIUS INTERPOLATION FOR PREDICTIVE GEOMETRY-BASED POINT CLOUD COMPRESSION
 (51) Int. Cl.
G06T 9/00 (2006.01)
H04N 19/503 (2014.01)
H04N 19/597 (2014.01)
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 (31) 63/252,093 (32) 04.10.21 (33) US
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 (43) 13.04.2023
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- (71) QUANTUM DYNAMICS ENTERPRISES, INC.
 (11) AU-A-2022326442
 (21) 2022326442 (22) 08.08.2022
 (54) APPARATUS AND PROCESS FOR CONVERSION OF ENERGY
 (51) Int. Cl.
H02K 53/00 (2006.01)
H02K 7/06 (2006.01)
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(43) 16.02.2023			(11) AU-A-2022320006	(43) 12.01.2023		
(72) SPRAIN, Harry Paul			(21) 2022320006	(22) 27.07.2022		
(74) Patent Attorney Services			(54) COMPOSITIONS AND METHODS FOR TREATING LIPOMA PAIN			
<hr/>			(51) Int. Cl. <i>A61K 31/403</i> (2006.01) <i>A61K 45/06</i> (2006.01) <i>A61P 3/04</i> (2006.01)	(31) 63/218,488	(32) 05.07.21	(33) US
(71) QWAVE SOLUTIONS, INC.			(87) WO2023/007247	(31) 63/226,441	(32) 28.07.21	(33) US
(11) AU-A-2022319137			(31) 63/226,441	(32) 28.07.21		
(21) 2022319137	(22) 29.07.2022		(43) 02.02.2023			
(54) METHODS AND SYSTEMS FOR LI- QUEFACTION OF CARBONACEOUS MATERIALS			(72) BLOOMENFELD, Alon; GUETA, Racheli; BLAUGRUND, Eran			
(51) Int. Cl. <i>C10G 1/04</i> (2006.01) <i>B01J 19/12</i> (2006.01) <i>B01J 19/24</i> (2006.01) <i>C10G 1/06</i> (2006.01) <i>C10G 15/08</i> (2006.01)			(74) FB Rice Pty Ltd			
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(31) 63/227,406	(32) 30.07.21	(33) US	(71) REDX PHARMA PLC	(31) 63/223,281	(32) 19.07.21	(33) US
(43) 02.02.2023			(11) AU-A-2022329187	63/365,030	20.05.22	US
(72) BADAC, Jeffrey; BOOTH, Ryan; HAR- RIS, Kaitlin; RALEIGH, Cliff; SCH- LAEGLE, Steven; TROIANO, Richard; CONROY, Wesley			(21) 2022329187	(22) 15.08.2022		
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(71) RACTIGEN THERAPEUTICS			(87) WO2023/021278			
(11) AU-A-2022308123			(31) 2111740.3	(32) 16.08.21	(33) GB	
(21) 2022308123	(22) 06.07.2022		(43) 23.02.2023			
(54) OLIGONUCLEOTIDE-BASED DE- LIVERY VEHICLE FOR OLIGONUC- LEOTIDES AGENTS AND METHODS OF USE THEREOF			(72) BHAMRA, Inder; JONES, Clifford, D; RODRIGUEZ, Ana Varela			
(51) Int. Cl. <i>C12N 15/113</i> (2010.01) <i>A61K 38/14</i> (2006.01)			(74) WRAYS PTY LTD			
(87) WO2023/280190			<hr/>			
(31) PCT/	(32) 07.07.21	(33) CN	(71) REFLUX GOURMET LLC			
CN2021/105081			(11) AU-A-2022306572			
PCT/	06.05.22	CN	(21) 2022306572	(22) 01.07.2022		
CN2022/091076			(54) ALGINATE, POLYLYSINE, AND SEED PRESERVATIVE NUTRITIONAL PRODUCT AND DIGESTIVE AID			
(43) 12.01.2023			(51) Int. Cl. <i>A61L 27/20</i> (2006.01) <i>A61K 31/00</i> (2006.01) <i>A61K 31/70</i> (2006.01) <i>A61L 27/14</i> (2006.01)			
(72) KANG, Moorim; LI, Longcheng; PLACE, Robert F.			(87) WO2023/283141			
(74) Davies Collison Cave Pty Ltd			(31) 63/218,488	(32) 05.07.21	(33) US	
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(71) RAMOT AT TEL-AVIV UNIVERSITY LTD.; MERCK PATENT GMBH			(72) FRANK, Ken			
(11) AU-A-2022318483			(74) FB Rice Pty Ltd			
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(54) WATER SOLUBLE PRODRUG, CON- JUGATES AND USES THEREOF			(71) REFLUX GOURMET LLC			
(51) Int. Cl. <i>C07C 211/46</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>C07C 69/00</i> (2006.01) <i>C07K 16/00</i> (2006.01) <i>C07K 16/32</i> (2006.01)			(11) AU-A-2022308346			
(87) WO2023/007481			(21) 2022308346	(22) 01.07.2022		
(31) 285208	(32) 28.07.21	(33) IL	(54) METHOD FOR NEUTRALIZING STOMACH ACID USING ALGINATE, POLYLYSINE, AND SEED PRESER- VATIVES			
(43) 02.02.2023			(51) Int. Cl. <i>A61K 31/734</i> (2006.01) <i>A61K 31/05</i> (2006.01) <i>A61K 47/26</i> (2006.01) <i>A61K 47/34</i> (2017.01) <i>A61P 1/14</i> (2006.01)			
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(71) REGENERON PHARMACEUTICALS, INC.; VYRIAD, INC.						
(11) AU-A-2022314735						
(21) 2022314735	(22) 18.07.2022					
(54) COMBINATION OF CHECKPOINT IN- HIBITORS AND AN ONCOLYTIC VIR- US FOR TREATING CANCER						
(51) Int. Cl. <i>A61K 35/768</i> (2015.01) <i>A61K 39/395</i> (2006.01) <i>A61P 35/00</i> (2006.01)						
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(31) 63/223,281	(32) 19.07.21	(33) US				
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(72) DADI-MEHMETAJ, Saida; MOHRS, Markus; THURSTON, Gavin						
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(54) BUTYROPHILIN-LIKE 2 FOR TREAT- ING INFLAMMATORY DISORDERS						
(51) Int. Cl. <i>A61K 38/17</i> (2006.01) <i>A61K 45/06</i> (2006.01) <i>A61P 1/00</i> (2006.01) <i>A61P 29/00</i> (2006.01) <i>C07K 16/46</i> (2006.01) <i>C12Q 1/6883</i> (2018.01) <i>G01N 33/68</i> (2006.01)						
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(31) 63/223,644	(32) 20.07.21	(33) US				
(43) 26.01.2023						
(72) PANEA, Casandra M.; HAXHINASTO, Sokol; HOVANNISYAN, Zaruhi; HOROWITZ, Julie						
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(71) REGENERON PHARMACEUTICALS, INC.						
(11) AU-A-2022339755						
(21) 2022339755	(22) 29.08.2022					
(54) TREATMENT OF LIVER DISEASES WITH CAMP RESPONSIVE ELE- MENT BINDING PROTEIN 3 LIKE 3 (CREB3L3) INHIBITORS						
(51) Int. Cl. <i>A61P 1/16</i> (2006.01) <i>A61K 31/7088</i> (2006.01) <i>C12Q 1/6883</i> (2018.01) <i>G01N 33/50</i> (2006.01) <i>C12N 15/113</i> (2010.01)						
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(72) VERWEIJ, Niek; LOTTA, Luca Andrea; BARAS, Aris						
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 (54) A DOOR ARRANGEMENT
 (51) Int. Cl.
E06B 11/08 (2006.01)
E06B 3/70 (2006.01)
E06B 3/36 (2006.01)
 (87) WO2023/014217
 (31) 2028911 (32) 03.08.21 (33) NL
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 (72) DE JONG, Mark; WEEL, Chris
 (74) Alder IP Pty Ltd
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 (11) AU-A-2022315610
 (21) 2022315610 (22) 18.07.2022
 (54) SENSING SYSTEM
 (51) Int. Cl.
G05B 23/02 (2006.01)
G01K 1/024 (2021.01)
G01K 7/22 (2006.01)
G08B 17/06 (2006.01)
G08B 21/18 (2006.01)
G08C 17/02 (2006.01)
H01H 36/00 (2006.01)
H01H 37/00 (2006.01)
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H01H 37/36 (2006.01)
H01H 37/52 (2006.01)
H01H 37/58 (2006.01)
H04B 7/14 (2006.01)
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H04Q 9/02 (2006.01)
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 (72) LA SALLE, Roger John
 (74) mdp Patent and Trade Mark Attorneys
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 (11) AU-A-2022324118
 (21) 2022324118 (22) 05.08.2022
 (54) METHOD FOR PRODUCING GENETICALLY MODIFIED CELLS
 (51) Int. Cl.
A61K 48/00 (2006.01)
C12N 15/85 (2006.01)
C12N 9/22 (2006.01)
C12N 15/113 (2010.01)
 (87) WO2023/015307
 (31) 63/203,996 (32) 06.08.21 (33) US
 (43) 09.02.2023
 (72) JIN, Shengkan; COLLANTES, Juan-Carlos; LAMBOURNE, John; PORRECA, Immacolata; SELMI, Tommaso
 (74) PHILLIPS ORMONDE FITZPATRICK
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 (11) AU-A-2022322684
 (21) 2022322684 (22) 03.08.2022
 (54) DEVICE AND METHOD FOR REMOVING E2 INTERFACE-RELATED IN-
- FORMATION IN RADIO ACCESS NETWORK
 (51) Int. Cl.
H04W 76/34 (2018.01)
H04W 76/38 (2018.01)
H04W 88/12 (2009.01)
H04W 92/12 (2009.01)
 (87) WO2023/014087
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 (43) 09.02.2023
 (72) JEONG, Jiwoong; KHO, Youngsung
 (74) Griffith Hack
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 (11) AU-A-2022327017
 (21) 2022327017 (22) 09.08.2022
 (54) FOLDABLE ELECTRONIC DEVICE
 (51) Int. Cl.
G06F 1/16 (2006.01)
G09F 9/30 (2006.01)
 (87) WO2023/018196
 (31) 10-2021-0104909 (32) 09.08.21 (33) KR
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 (72) HYUN, Kyunghoon; PARK, Daehyeong; SHIM, Heebo; LEE, Minsung
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 (11) AU-A-2022313166
 (21) 2022313166 (22) 20.07.2022
 (54) COMPOSITIONS AND METHODS FOR INHIBITING HUMAN BLOOD PROTEIN VITRONECTIN
 (51) Int. Cl.
A61P 27/02 (2006.01)
A61K 39/395 (2006.01)
C07K 14/78 (2006.01)
 (87) WO2023/003949
 (31) 63/224,214 (32) 21.07.21 (33) US
 (43) 26.01.2023
 (72) MARASSI, Francesca M.; SHIN, Kyungsoo; KENT, James, E.
 (74) WRAYS PTY LTD
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- (71) SCHLAGE LOCK COMPANY LLC
 (11) AU-A-2022307542
 (21) 2022307542 (22) 11.07.2022
 (54) ULTRA-WIDEBAND ACCESSORY DEVICES FOR RADIO FREQUENCY INTENT DETECTION IN ACCESS CONTROL SYSTEMS
 (51) Int. Cl.
G07C 9/00 (2020.01)
H04W 4/80 (2018.01)
H04W 12/06 (2021.01)
H04W 12/08 (2021.01)
 (87) WO2023/283484
 (31) 17/371,734 (32) 09.07.21 (33) US
 (43) 12.01.2023
 (72) KINCAID, Ryan, C.; BROWN, David; LAND, Joseph
 (74) Alder IP Pty Ltd
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- (71) SCHLUMBERGER TECHNOLOGY B.V.
 (11) AU-A-2022325235
 (21) 2022325235 (22) 12.08.2022
 (54) SAND PILE COMPLETION SYSTEM AND METHOD
 (51) Int. Cl.
E21B 43/26 (2006.01)
E21B 21/06 (2006.01)
E21B 43/20 (2006.01)
E21B 43/38 (2006.01)
E21B 47/002 (2012.01)
 (87) WO2023/019238
 (31) 63/260,188 (32) 12.08.21 (33) US
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 (43) 16.02.2023
 (72) GOMEZ CONZATTI Y MARTINEZ, Herbe; PRASAD, Karishma Mohini; KRAEMER, Chad; AYALA, Salvador
 (74) Griffith Hack
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- (71) SCW TECHNOLOGIES LIMITED
 (11) AU-A-2022343947
 (21) 2022343947 (22) 06.09.2022
 (54) METHOD FOR CREMATION BY MEANS OF SUPERCRITICAL FLUIDS REACTION
 (51) Int. Cl.
F23G 1/00 (2006.01)
 (87) WO2023/037229
 (31) FR2109461 (32) 09.09.21 (33) FR
 (43) 16.03.2023
 (72) HAMILTON, Stephen W; DAWSON, Gregory Scott
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) SEAKEEPER, INC.
 (11) AU-A-2022323076
 (21) 2022323076 (22) 30.07.2022
 (54) WATER ENGAGEMENT DEVICE ATTUATOR
 (51) Int. Cl.
B63B 39/06 (2006.01)
 (87) WO2023/014621
 (31) 63/230,253 (32) 06.08.21 (33) US
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 (43) 09.02.2023
 (72) GALLAGHER, Michael; SEMPREVIVO, Andrew; ADAMS, John
 (74) HENRY HUGHES IP LTD
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- (71) SEEGENE, INC.
 (11) AU-A-2022315102
 (21) 2022315102 (22) 21.07.2022
 (54) ASSEMBLED ANALYSIS SYSTEM, METHOD, AND COMPUTER-READABLE RECORDING MEDIUM
 (51) Int. Cl.
G01N 35/00 (2006.01)
C12Q 1/686 (2018.01)
G01N 35/10 (2006.01)
 (87) WO2023/003402
 (31) 10-2021-0095932 (32) 21.07.21 (33) KR
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 (72) YOON, Su Mi; KIM, Jae Young; PARK, Sang Jong
 (74) FB Rice Pty Ltd

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(54) METHOD FOR AUTHENTICATING A HIGH-VALUE ITEM	202111398357.6	19.11.21	CN	(43) 23.02.2023
(51) Int. Cl. <i>G07D 5/00</i> (2006.01) <i>A44C 3/00</i> (2006.01) <i>A44C 21/00</i> (2006.01) <i>G07D 7/2033</i> (2016.01)	202210042057.2	14.01.22	CN	(72) HU, Youhong; CHEN, Yi; XIE, Zhicheng; DING, Jian; LI, Xin; FANG, Yanfen; SHEN, Qianqian
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(72) SEIB, Wolfgang	(74) FPA Patent Attorneys Pty Ltd			
(74) BOSH IP Pty Ltd				
(71) SEQUENT LOGIC, LLC	(71) SHANGHAI HAIYAN PHARMACEUTICAL TECHNOLOGY CO., LTD.; YANGTZE RIVER PHARMACEUTICAL GROUP CO., LTD.			(71) SHANGHAI SINOBAY BIOTECHNOLOGY CO., LTD.
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(72) SEELEY, Ryan; REDD, Rhett H.	(72) DAN, Zhaoling; JIANG, Taotao; WANG, Jibiao; QIANG, Jinlei			(72) XU, Jianqing; ZHANG, Xiaoyan; LIAO, Qibin; DING, Xiangqing
(74) Dark IP	(74) Golja Haines & Friend			(74) Collison & Co
(71) SHANDONG YUSHI BIOTECHNOLOGY CO., LTD.; LIU, Y.	(71) SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JIANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.			(71) SIKA TECHNOLOGY AG
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(54) DRY STARCH APPLIED TO FIELD OF BIODEGRADABLE PLASTICS AND PREPARATION METHOD THEREFOR AND APPLICATION THEREOF	(54) AROMATIC RING-CONTAINING BIOLOGICAL ANTAGONIST, AND PREPARATION METHOD THEREFOR AND USE THEREOF			(54) (METH)ACRYLATE COMPOUNDS AS REACTIVE DILUENTS FOR POLYADDITION SYSTEMS
(51) Int. Cl. <i>C08L 3/02</i> (2006.01) <i>C08B 30/02</i> (2006.01) <i>C08B 30/06</i> (2006.01)	(51) Int. Cl. <i>C07D 413/12</i> (2006.01) <i>A61K 31/422</i> (2006.01) <i>A61P 3/10</i> (2006.01) <i>A61P 9/12</i> (2006.01) <i>A61P 13/12</i> (2006.01) <i>A61P 35/00</i> (2006.01) <i>C07D 261/16</i> (2006.01) <i>C07D 401/12</i> (2006.01) <i>C07D 403/02</i> (2006.01) <i>C07D 413/14</i> (2006.01)			(51) Int. Cl. <i>C08G 18/79</i> (2006.01) <i>C08F 283/00</i> (2006.01) <i>C08G 18/12</i> (2006.01) <i>C08G 18/30</i> (2006.01) <i>C08G 18/44</i> (2006.01) <i>C08G 18/48</i> (2006.01) <i>C08G 18/75</i> (2006.01) <i>C08L 75/00</i> (2006.01) <i>C08L 75/04</i> (2006.01) <i>C08L 75/08</i> (2006.01)
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(72) LIU, Yifan	(72) XIAO, Hualing; DONG, Jiaqiang; LU, Xingyun; LIU, Qiang			(74) WRAYS PTY LTD
(74) PHILLIPS ORMONDE FITZPATRICK	(74) PHILLIPS ORMONDE FITZPATRICK			
(71) SHANGHAI DE NOVO PHARMATECH CO., LTD.	(71) SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES			(71) SISAF LTD
(11) AU-A-2022303440	(11) AU-A-2022331646			(11) AU-A-2022315872
(21) 2022303440	(21) 2022331646	(22) 26.07.2022		(21) 2022315872 (22) 22.07.2022
(54) KRAS G12D INHIBITOR AND USE THEREOF	(54) UREA COMPOUND CONTAINING 2-HETEROAROMATIC RING SUBSTITUTION, PREPARATION METHOD THEREFOR AND USE THEREOF			(54) COMPOSITIONS COMPRISING DOPED SILICON PARTICLES, AND RELATED METHODS
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B63B 39/06 (2006.01)
B63H 25/24 (2006.01)
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B65D 85/804 (2006.01)
A47J 31/06 (2006.01)
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(72) PAVAN, Chiara; GERBER, Gilles
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A23C 9/123 (2006.01)
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A61K 35/745 (2015.01)
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A61P 1/00 (2006.01)
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(54) BEVERAGE OR FOODSTUFF CONTAINER AND PREPARATION SYSTEM
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B65D 85/804 (2006.01)
A47J 31/06 (2006.01)
(87) WO2023/052352
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A61K 9/00 (2006.01)
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B65D 85/804 (2006.01)
A47J 31/06 (2006.01)
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A61K 36/185 (2006.01)
A61K 9/06 (2006.01)
A61K 36/38 (2006.01)
A61P 35/00 (2006.01)
A61Q 19/00 (2006.01)
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 METHOD
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H04N 19/70 (2014.01)
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 BASIS OF SUBSIDENCE IN STRATI-
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D03D 1/00 (2006.01)
B66C 1/12 (2006.01)
B66C 1/18 (2006.01)
D03D 11/00 (2006.01)
D03D 15/283 (2021.01)
D03D 15/56 (2021.01)
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 AND MANAGEMENT SYSTEM IN A
 MULTI-MODAL ARTIFICIAL INTEL-
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 (51) Int. Cl.
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G06V 10/62 (2022.01)
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C12N 5/00 (2006.01)
A23J 3/22 (2006.01)
A23L 5/00 (2016.01)
A23L 11/00 (2021.01)
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 SELL, Colin
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 METHOD FOR SUPPORTING
 STACKED BOXES AND CONTAINERS
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B65D 5/00 (2006.01)
B65D 21/00 (2006.01)
B65D 21/02 (2006.01)
B65D 21/032 (2006.01)
B65D 57/00 (2006.01)
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 (54) ADJUSTABLE SIMULATION RIG AND
 A SEATING UNIT FOR USE THERE-
 WITH
 (51) Int. Cl.
G09B 9/04 (2006.01)
A47C 3/20 (2006.01)
A47C 4/02 (2006.01)
A47C 15/00 (2006.01)
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 (51) Int. Cl.
H01M 4/36 (2006.01)
C01G 53/00 (2006.01)
H01M 4/02 (2006.01)
H01M 4/505 (2010.01)
H01M 4/525 (2010.01)
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- (71) SUMITOMO HEAVY INDUSTRIES,
 LTD.
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 (54) POWER-CONDITIONING SYSTEM,
 POWER-CONDITIONING METHOD,
 AND POWER-CONDITIONING PRO-
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 (51) Int. Cl.
H02J 3/38 (2006.01)
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H02J 15/00 (2006.01)
 (87) WO2023/013674
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C08L 23/16 (2006.01)
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 Bernhard
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 LTD.
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 (54) BATTERY MODULE, AND ENERGY
 STORAGE SYSTEM AND CONTROL
 METHOD THEREFOR
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H02J 7/00 (2006.01)
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 CHEN, Xiaoguang
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A61K 31/519 (2006.01)
A61P 17/14 (2006.01)
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A61K 31/506 (2006.01)
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 (51) Int. Cl.
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 (51) Int. Cl.
B63B 21/50 (2006.01)
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G06N 3/02 (2006.01)
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 COMPOSTELA; CENTRE NATIONAL
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 (72) ALMASSALKHI, Mads; MAVALIZADEH,
 Hani; DUFFAUT ESPINOSA, Luis, A.
 (74) Pizzeys Patent and Trade Mark Attor-
 neys Pty Ltd
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- (71) USTOPIT, INC.
 (11) AU-A-2022312504
 (21) 2022312504 (22) 15.07.2022
 (54) METHODS, DEVICES, AND SYSTEMS
 FOR FACILITATING OFFICIALS DUR-
 ING A SPORTING EVENT
 (51) Int. Cl.
 G07C 1/28 (2006.01)
 G08B 21/18 (2006.01)
 A63B 71/06 (2006.01)
 (87) WO2023/288310
 (31) 63/222,715 (32) 16.07.21 (33) US
 (43) 19.01.2023
 (72) FOGLEMAN, Keith David; BOMER,
 Benjamin, W.; DAVIS, Freddie, L.;
 FREEMAN, Belvin, S.; CONTI, Daniel,
 J.
 (74) RnB IP Pty Ltd
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- (71) VARDEN PROCESS PTY LTD
 (11) AU-A-2022312476
 (21) 2022312476 (22) 15.07.2022
 (54) COATING MATERIAL APPLICATION
 METHOD AND APPLICATION SYS-
 TEM
 (51) Int. Cl.
 B05C 11/10 (2006.01)
 B05C 7/04 (2006.01)
 B05C 9/14 (2006.01)
 B05D 1/26 (2006.01)
 B05D 7/22 (2006.01)
 (87) WO2023/283698
 (31) 2021902187 (32) 16.07.21 (33) AU
 (43) 19.01.2023
 (72) GORDON, Stuart; APPLEFORD, Mark
 (74) Argon IP Advisory Pty Ltd
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- (71) VIASAT, INC.
 (11) AU-A-2021460657
 (21) 2021460657 (22) 20.08.2021
 (54) LOWER ORBIT SATELLITE TRACK-
 ING
 (51) Int. Cl.
 H04B 7/185 (2006.01)
 (87) WO2023/022735
 (43) 23.02.2023
 (72) MENDELSON, Aaron, J.
 (74) Adams Pluck
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- (71) VIASAT, INC.
 (11) AU-A-2022330820
 (21) 2022330820 (22) 08.07.2022
 (54) SYSTEMS AND METHODS FOR
 ELECTRONICALLY STEERABLE AN-
 TENNA INITIAL POSITIONING
 (51) Int. Cl.
 H04B 7/185 (2006.01)
 (87) WO2023/022809
 (31) 63/235,538 (32) 20.08.21 (33) US
 (43) 23.02.2023
 (72) MENDELSON, Aaron J.; DANK-
 BERG, Mark D.
 (74) Adams Pluck
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- (71) VIBO S.P.A.
 (11) AU-A-2022309245
 (21) 2022309245 (22) 14.07.2022
 (54) DEVICE FOR OPENING AND/OR
 CLOSING OF WASTE CONTAINERS
 (51) Int. Cl.
 B65F 1/14 (2006.01)
 A47B 77/18 (2006.01)
 (87) WO2023/286006
 (31) 102021000018785 (32) 15.07.21 (33) IT
 102021000027902 29.10.21 IT
 (43) 19.01.2023
 (72) BONIN, Francesco
 (74) Madderns Pty Ltd
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- (71) VICTAULIC COMPANY
 (11) AU-A-2022356193
 (21) 2022356193 (22) 28.09.2022
 (54) ENHANCED STABILITY GASKET AND
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 (51) Int. Cl.
 F16L 21/06 (2006.01)

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- F16L 23/032** (2006.01) **H04W 12/50** (2021.01)
B21D 39/04 (2006.01) **H04W 4/70** (2018.01)
(87) WO2023/055760 **H04W 12/041** (2021.01)
(31) 63/251,082 **(32) 01.10.21** **(33) US H04W 12/043** (2021.01)
(43) 06.04.2023 **H04W 12/069** (2021.01)
(72) BANCROFT, Philip, Wayne; BOWMAN, H04W 12/61 (2021.01)
 Matthew, A.
(74) Spruson & Ferguson
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- (71) VIELA BIO, INC.**
(11) AU-A-2022325950
(21) 2022325950 **(22) 11.08.2022**
(54) INEBILIZUMAB AND METHODS OF
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 MENT OR PREVENTION OF IGG4-
 RELATED DISEASE
(51) Int. Cl.
A61K 39/395 (2006.01)
A61K 31/00 (2006.01)
A61P 37/06 (2006.01)
C07K 16/28 (2006.01)
(87) WO2023/019200
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63/285,297 **02.12.21** **US**
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(72) DRAPPA, Jorn; KATZ, Eliezer; CIM-
 BORA, Daniel; FALLOON, Judith
(74) Spruson & Ferguson
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- (71) VIEUX & ASSOCIATES, INC.**
(11) AU-A-2022325822
(21) 2022325822 **(22) 08.08.2022**
(54) REAL-TIME SWIFTWATER RISK CAT-
 EGORY DISTRIBUTED MAPPING
(51) Int. Cl.
G06Q 50/26 (2012.01)
G01S 19/14 (2010.01)
G06F 16/9032 (2019.01)
G06Q 50/06 (2012.01)
G06T 17/05 (2011.01)
G08B 5/22 (2006.01)
(87) WO2023/018651
(31) 63/233,090 **(32) 13.08.21** **(33) US**
(43) 16.02.2023
(72) McDONOUGH, Kelsey; VIEUX, Baxter,
 E.; HOES, Ryan
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- (71) VOCHILL INC.**
(11) AU-A-2022312407
(21) 2022312407 **(22) 06.07.2022**
(54) TEMPERATURE-REGULATION RE-
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(51) Int. Cl.
A47G 23/04 (2006.01)
(87) WO2023/287623
(31) 17/377,062 **(32) 15.07.21** **(33) US**
(43) 19.01.2023
(72) PAWLICK, Randall; PAWLICK, Lisa
(74) ET Intellectual Property
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- (71) VODAFONE GLOBAL ENTERPRISE**
 LIMITED; DABCO LIMITED
(11) AU-A-2022318282
(21) 2022318282 **(22) 25.07.2022**
(54) WAKING UP A DEVICE
(51) Int. Cl.
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- (71) W. L. GORE & ASSOCIATES, INC.**
(11) AU-A-2021461889
(21) 2021461889 **(22) 27.08.2021**
(54) RESHAPING OF INJECTOR DEVICE
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(51) Int. Cl.
A61M 5/315 (2006.01)
(87) WO2023/027725
(43) 02.03.2023
(72) CULLY, Edward H.; HARDIE, William G.
(74) Griffith Hack
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- (71) W. L. GORE & ASSOCIATES, INC.**
(11) AU-A-2022332215
(21) 2022332215 **(22) 26.08.2022**
(54) CONFORMABLE COVER FOR MED-
 ICAL DEVICES
(51) Int. Cl.
A61F 2/07 (2013.01)
A61L 31/04 (2006.01)
C08L 27/18 (2006.01)
A61B 17/00 (2006.01)
A61B 17/11 (2006.01)
(87) WO2023/028314
(31) 63/237,192 **(32) 26.08.21** **(33) US**
(43) 02.03.2023
(72) SILVERMAN, James D.; SKELTON,
 Tyson J.
(74) Griffith Hack
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- (71) WIGEN BIOMEDICINE TECHNOLOGY**
 (SHANGHAI) CO., LTD.
(11) AU-A-2022325376
(21) 2022325376 **(22) 11.08.2022**
(54) NAPHTHYRIDINE DERIVATIVE AS
 ATR INHIBITOR AND METHOD FOR
 PREPARING SAME
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/5377 (2006.01)
A61P 35/00 (2006.01)
(87) WO2023/016529
(31) 202110919812.6 **(32) 11.08.21** **(33) CN**
 202111188963.5 12.10.21 CN
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(43) 16.02.2023
(72) XIE, Yuli; LIU, Wenzhong; QIAN, Lihui
(74) WRAYS PTY LTD
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- (71) WIND SPIDER AS**
(11) AU-A-2022331384
(21) 2022331384 **(22) 15.08.2022**
(54) IMPROVEMENTS IN THE CON-
 STRUCTURE AND MAINTENANCE OF
 WIND TURBINES
(51) Int. Cl.
B66C 23/18 (2006.01)
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(31) 20210981 **(32) 16.08.21** **(33) NO**
 20220266 02.03.22 NO
(43) 23.02.2023
(72) HAUGHOM, Per Olav; VABØ, Petter
(74) James & Wells Intellectual Property
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- (71) WIREMAN PTY LIMITED**
(11) AU-A-2022341125
(21) 2022341125 **(22) 08.08.2022**

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- (54) A FENCING ATTACHMENT FOR A HAND HELD POWER TOOL
 (51) Int. Cl.
B23B 45/00 (2006.01)
B25B 25/00 (2006.01)
B25F 3/00 (2006.01)
B25F 5/00 (2006.01)
E04H 17/04 (2006.01)
E04H 17/10 (2006.01)
E04H 17/26 (2006.01)
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 (72) LOWREY, Ian
 (74) Fraser Old & Sohn
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- (71) WORLDLINE
 (11) AU-A-2022335732
 (21) 2022335732 (22) 27.07.2022
 (54) METHOD FOR STRONG ASYNCHRONOUS AUTHENTICATION AND TERMINAL CONFIGURED TO IMPLEMENT SAID METHOD
 (51) Int. Cl.
H04L 9/40 (2022.01)
G06F 21/32 (2013.01)
H04L 9/32 (2006.01)
H04W 12/06 (2021.01)
H04W 12/72 (2021.01)
- (87) WO2023/026002
 (31) FR21/08902 (32) 25.08.21 (33) FR
 (43) 02.03.2023
 (72) ELOUAMI, Wael; BIDOUX, Loïc; LEFE-BVRE, Guillaume
 (74) PHILLIPS ORMONDE FITZPATRICK
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- (71) X DEVELOPMENT LLC
 (11) AU-A-2022306874
 (21) 2022306874 (22) 06.07.2022
 (54) ENHANCING GENERATIVE ADVERSARIAL NETWORKS USING COMBINED INPUTS
 (51) Int. Cl.
G06T 3/40 (2006.01)
G06T 11/00 (2006.01)
- (87) WO2023/283570
 (31) 17/371,319 (32) 09.07.21 (33) US
 (43) 12.01.2023
 (72) COWAN, Eliot Julien
 (74) Spruson & Ferguson
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- (71) X DEVELOPMENT LLC
 (11) AU-A-2022309703
 (21) 2022309703 (22) 11.07.2022
 (54) SYNTHETIC SUBTERRANEAN SOURCE
 (51) Int. Cl.
G01V 1/00 (2006.01)
G01V 1/30 (2006.01)
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 (43) 19.01.2023
 (72) ZHAO, Allen Richard; PRINDLE, Kenton Lee; SMITH, Kevin Forsythe; GONCHARUK, Artem
 (74) Spruson & Ferguson
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- (71) XINTHERA, INC.
 (11) AU-A-2022307534
 (21) 2022307534 (22) 07.07.2022
 (54) PYRIDINONE MK2 INHIBITORS AND USES THEREOF
 (51) Int. Cl.
C07D 213/64 (2006.01)
A61K 31/444 (2006.01)
A61K 31/497 (2006.01)
A61K 31/501 (2006.01)
A61K 31/513 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 213/72 (2006.01)
C07D 401/14 (2006.01)
C07D 405/14 (2006.01)
C07D 409/14 (2006.01)
- (87) WO2023/283338
 (31) 63/220,322 (32) 09.07.21 (33) US
 63/340,079 10.05.22 US
 (43) 12.01.2023
 (72) HOFFMAN, Robert L.; TRZOSS, Lynnie; DONG, Qing; KALDOR, Stephen W.
 (74) FPA Patent Attorneys Pty Ltd
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- (71) ZMAG, LTD.
 (11) AU-A-2022329670
 (21) 2022329670 (22) 25.07.2022
 (54) MOLTEN METAL DRIVE DEVICE, MOLTEN METAL MIXING SYSTEM, MOLTEN METAL CONVEYANCE SYSTEM, CONTINUOUS CASTING SYSTEM AND CONTINUOUS CASTING SYSTEM AND MOLTEN METAL DRIVE METHOD
 (51) Int. Cl.
B22D 35/00 (2006.01)
B22D 1/00 (2006.01)
B22D 11/115 (2006.01)
B22D 37/00 (2006.01)
F27D 27/00 (2010.01)
- (87) WO2023/021940
 (31) 2021-132454 (32) 16.08.21 (33) JP
 (43) 23.02.2023
 (72) TAKAHASHI Kenzo
 (74) Griffith Hack
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- (71) ZODIAC POOL SYSTEMS LLC
 (11) AU-A-2022331242
 (21) 2022331242 (22) 15.08.2022
 (54) HEATER FOR POOLS AND SPAS WITH IMPROVED SENSOR CONTROL
 (51) Int. Cl.
F24H 1/54 (2022.01)
F24H 15/215 (2022.01)
F24H 15/219 (2022.01)
F24H 15/238 (2022.01)
F24H 15/242 (2022.01)
F24H 15/36 (2022.01)
- (87) WO2023/022970
 (31) 63/234,098 (32) 17.08.21 (33) US
 (43) 23.02.2023
 (72) SPIVEY, Curt; HENG, Hwa; UY, Dindo
 (74) FB Rice Pty Ltd
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- (71) ZOOLION HEAVY INDUSTRY SCIENCE AND TECHNOLOGY CO., LTD.
 (11) AU-A-2022317506
 (21) 2022317506 (22) 26.07.2022
 (54) FAULT DOUBLE-LAYER REDUNDANCY MONITORING METHOD, AND FAULT DOUBLE-LAYER REDUNDANCY EARLY-WARNING METHOD AND SYSTEM
 (51) Int. Cl.
B66C 15/06 (2006.01)
 (87) WO2023/005917
 (31) 202110843305.9 (32) 26.07.21 (33) CN
 (43) 02.02.2023
 (72) FU, Ling; YIN, Li; LIU, Yanbin; ZHANG, Yuzhu; XIAO, Chunliang; LUO, Xianzhi
 (74) WRAYS PTY LTD
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- (71) ZTE CORPORATION
 (11) AU-A-2021460087
 (21) 2021460087 (22) 11.08.2021
 (54) COMMUNICATION DEVICE TRIGGERED AGGREGATION OPERATIONS
 (51) Int. Cl.
H04W 72/04 (2023.01)
 (87) WO2023/015465
 (43) 16.02.2023
 (72) SHA, Xiubin; DAI, Bo; LU, Ting; NIU, Li; TAN, Jie
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ZTE CORPORATION
 (11) AU-A-2022459563
 (21) 2022459563 (22) 05.08.2022
 (54) A UNIFIED BEAM INDICATION FRAMEWORK FOR USING MULTIPLE TRANSMISSION-RECEPTION POINTS
 (51) Int. Cl.
H04B 7/06 (2006.01)
H04L 5/00 (2006.01)
H04W 72/04 (2023.01)
H04W 72/23 (2023.01)
H04W 72/54 (2023.01)
 (43) 22.02.2024
 (72) GAO, Bo; LU, Zhaohua; YAO, Ke; ZHANG, Yang; YANG, Ling; GUO, Xiaolong
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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2021455235	HANSHOW TECHNOLOGY CO., LTD.	2022306973	JANSSEN BIOTECH, INC.
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2021456309	BEIJING ROBOROCK TECHNOLOGY CO., LTD.	2022307245	MEDOS INTERNATIONAL SARL; DUMAS, O.J.; GRINBERG, E.; CONFOEY, M.; MIGUEL, P.J.; GOODE, G.
2021457761	FPI FOOD PROCESSING INNOVATION GMBH & CO. KG	2022307322	MH TECH AS
2021457845	IMMODULON THERAPEUTICS LIMITED	2022307456	PERFETTI VAN MELLE S.P.A.
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2021459696	GOLAN PLASTIC PRODUCTS LTD.	2022307554	IMPLANTICA PATENT LTD
2021459736	KOREA ATOMIC ENERGY RESEARCH INSTITUTE	2022307560	UNIVERSITAT DE BARCELONA
2021459965	SHANGHAI SINOBAY BIOTECHNOLOGY CO., LTD.	2022307644	MH TECH AS
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2021460795	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.	2022307937	SPAN SET GESELLSCHAFT FÜR TRANSPORTSYSTEME UND TECHNISCHE BÄNDER MIT BESCHRÄNKTER HAFTUNG & CO. KOMMANDIT-GESELLSCHAFT
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2021460907	HOU, M.; WANG, P.	2022308059	EAST COAST INNOVATION INC.
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2021461282	W. L. GORE & ASSOCIATES, INC.	2022308123	RACTIGEN THERAPEUTICS
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2021461551	W. L. GORE & ASSOCIATES, INC.	2022308346	REFLUX GOURMET LLC
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2021465509	EPIROC ROCK DRILLS AKTIEBOLAG	2022308660	CARBON TECHNOLOGY HOLDINGS, LLC
2021467589	ESSITY HYGIENE AND HEALTH AKTIEBOLAG	2022308734	BIOGEN MA INC.; C4 THERAPEUTICS, INC.
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2021480191	HALLIBURTON ENERGY SERVICES, INC.	2022309278	APHIOTX INC.
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2022306381	STRATUS MATERIALS INC.	2022311973	CARVALHO, F.G.D.; LORGA, L.C.M.; CARVALHO, L.D.J.G.D.
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2022313274	HOBOOMLIFE BIO-TECHNOLOGY (SHENZHEN) CO., LTD.	2022321483	HUAWEI TECHNOLOGIES CO., LTD.
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2022313537	FLYING WHALES	2022321640	UNIVERSIDADE DE SANTIAGO DE COMPOSTELA; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS); INSTITUT NATIONAL DE LA SANTÉ ET DE LA RECHERCHE MÉDICALE (INSERM); UNIVERSITÉ D'ANGERS
2022313602	CEMENTOS ARGOS S.A.; UNIVERSIDAD DE ANTIOQUIA	2022321738	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)
2022313872	FREENOME HOLDINGS, INC.	2022321849	OXFORD UNIVERSITY INNOVATION LIMITED
2022314048	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	2022321898	DOMPE' FARMACEUTICI SPA; ISTITUTO NAZIONALE MALATTIE INFETTIVE LAZZARO SPALLANZANI INCREDITO LTD.
2022314086	JIANGSU HENGRIUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRIUI PHARMACEUTICAL CO., LTD.	2022321982	POWDER FUELS LTD.
2022314254	FLYING WHALES	2022322000	INDUSTRIE DE NORA S.P.A.
2022314270	FARADION LIMITED	2022322018	FILECLO SPOLKA Z OGRANICZONA ODPOWIEDZIALNOSCIA
2022314293	UMANO MEDICAL INC.	2022322025	OHIO STATE INNOVATION FOUNDATION
2022314617	CARLSMED, INC.	2022322108	PAL-K DYNAMICS INC.
2022314709	CLARA FOODS CO.	2022322189	I-SENS, INC.
2022314735	REGENERON PHARMACEUTICALS, INC.; VYRIAD, INC.	2022322537	SAMSUNG ELECTRONICS CO., LTD.
2022314797	TRUTINO BIOSCIENCES INC.	2022322684	BAXTER INTERNATIONAL INC.; BAXTER HEALTHCARE SA
2022314994	THE FRANCIS CRICK INSTITUTE; UNIVERSITY COLLEGE LONDON	2022322856	COLUMBIA INSURANCE COMPANY
2022315008	FLYING WHALES	2022322871	COCRYSTAL PHARMA, INC.
2022315102	SEEGENE, INC.	2022322889	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; ALPHATHERA LLC
2022315175	DHANA INC.	2022322968	ADVANCED BIFURCATION SYSTEMS INC.
2022315209	HOWARD UNIVERSITY; WADE, M.I.	2022322974	SEAKEPPER, INC.
2022315240	NANOTECH ENERGY, INC.	2022323076	INTERDIGITAL PATENT HOLDINGS, INC.
2022315298	EMENDOBIO INC.	2022323093	LUXOTTICA S.R.L.
2022315403	TUOJIE BIOTECH (SHANGHAI) CO., LTD.	2022323297	TRUMA GERÄTETECHNIK GMBH & CO. KG
2022315472	NEWMANBRAIN, S.L.	2022323298	CHINA PETROLEUM & CHEMICAL CORPORATION; BEIJING RESEARCH INSTITUTE OF CHEMICAL INDUSTRY, CHINA PETROLEUM & CHEMICAL CORPORATION; TSINGHUA UNIVERSITY
2022315610	RUDDERS RLS PTY LTD	2022323375	NUTCRACKER THERAPEUTICS, INC.
2022315650	GLOBERIDE, INC.	2022323424	INDUSTRIE DE NORA S.P.A.
2022315872	SISAF LTD	2022323513	JAZZ PHARMACEUTICALS IRELAND LTD.
2022316142	ELEMENT BIOSCIENCES, INC.	2022323563	ORIBIOTECH LTD
2022316209	REGENERON PHARMACEUTICALS, INC.	2022324011	DEEPULL DIAGNOSTICS S.L.
2022316393	JIANGSU CHIA TAI FENGHAI PHARMACEUTICAL CO., LTD.	2022324040	THE REGENTS OF THE UNIVERSITY OF COLORADO, A BODY CORPORATE
2022316851	PPG INDUSTRIES OHIO, INC.	2022324118	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY; HORIZON DISCOVERY LIMITED
2022317368	CSL BEHRING AG	2022324120	TRUSTEES OF TUFTS COLLEGE
2022317506	ZOOLION HEAVY INDUSTRY SCIENCE AND TECHNOLOGY CO., LTD.	2022324156	I-SENS, INC.
2022317822	ELPISCIENCE (SUZHOU) BIOPHARMA, LTD.; ELPISCIENCE BIOPHARMA, LTD.	2022324177	MITOIMMUNE THERAPEUTICS INC.
2022317975	SEIB, W.	2022324217	ROYAL BOON EDAM INTERNATIONAL B.V.
2022318037	BOEHRINGER INGELHEIM VETMEDICA GMBH	2022324468	BELVAC PRODUCTION MACHINERY, INC.
2022318282	VODAFONE GLOBAL ENTERPRISE LIMITED; DABCO LIMITED	2022324729	GASCONSULT LIMITED
2022318480	OHIO STATE INNOVATION FOUNDATION	2022324920	SUMITOMO HEAVY INDUSTRIES, LTD.
2022318483	RAMOT AT TEL-AVIV UNIVERSITY LTD.; MERCK PATENT GMBH	2022324974	ERASMUS UNIVERSITY MEDICAL CENTER ROTTERDAM
2022318755	TERABASE ENERGY, INC.	2022325024	NUVASIVE SPECIALIZED ORTHOPEDICS, INC.
2022318880	AYUVIS RESEARCH, INC.	2022325146	BAKER HUGHES OILFIELD OPERATIONS LLC
2022319030	PX ING, LLC	2022325177	MY DESIGN ROOM PTY LTD
2022319137	QWAVE SOLUTIONS, INC.	2022325235	Schlumberger TECHNOLOGY B.V.
2022319349	BEIJING CENTURY LIANBAO NEW ENERGY TECHNOLOGY CO., LTD.; BEIJING CENTURY LIANBAO NEW FIRE PROTECTION TECHNOLOGY CO., LTD.	2022325270	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2022319723	ATSENA THERAPEUTICS, INC.	2022325334	CRYSTAL PHARMACEUTICAL (SUZHOU) CO., LTD
2022319753	EPIRUM BIO INC.		
2022319797	ELECTROSEA, LLC		
2022319909	BOEHRINGER INGELHEIM VETMEDICA GMBH		
2022320006	RAZIEL THERAPEUTICS LTD.		
2022320050	OHIO STATE INNOVATION FOUNDATION		

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2022325391	BAG BAUARTIKEL GMBH	2022330302	BAYER AKTIENGESELLSCHAFT
2022325439	BASF SE	2022330365	ÅBO AKADEMI
2022325493	OYSTERSHELL NV	2022330390	ADAMA CHILE SA
2022325526	THE SECRETARY OF STATE FOR DEFENCE	2022330604	TYCO FIRE PRODUCTS LP
2022325748	LANDOS BIOPHARMA, INC.	2022330672	TORAY INDUSTRIES, INC.
2022325766	MIDREX TECHNOLOGIES, INC.	2022330896	VIASAT, INC.
2022325783	PRELLOAD CRYOGENICS, LLC	2022331027	AKESO BIOPHARMA, INC.
2022325822	VIEUX & ASSOCIATES, INC.		DORMAKABA SCHWEIZ AG; DORMAKABA ESPAÑA S.A.U.
2022325888	IMMUNOGEN, INC.	2022331133	MARICAP OY
2022325896	KHLORIS BIOSCIENCES, INC.	2022331242	ZODIAC POOL SYSTEMS LLC
2022325950	VIELA BIO, INC.	2022331278	FAETH THERAPEUTICS, INC.
2022326048	NINGBO TUOLUZHE AUTO ACCESSORIES CO., LTD	2022331315	MIND MEDICINE, INC.
2022326188	GRIFOLS WORLDWIDE OPERATIONS LIMITED	2022331327	ACE VISION GROUP, INC.
2022326217	FESTOOL GMBH	2022331384	WIND SPIDER AS
2022326242	ALCON INC.	2022331398	CALABRIO, INC.
2022326442	QUANTUM DYNAMICS ENTERPRISES, INC.	2022331418	MONSANTO TECHNOLOGY LLC
2022326448	ODDITY LABS, LLC	2022331424	BEAM THERAPEUTICS INC.
2022326458	THE BROAD INSTITUTE, INC.; MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2022331427	TUSIMPLE, INC.
2022326460	AMERICAN STERILIZER COMPANY	2022331439	ULTRAGENYX PHARMACEUTICAL INC.
2022326463	IFM DUE, INC.	2022331476	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2022326489	NEWSOUTH INNOVATIONS PTY LIMITED	2022331515	TERUMO CARDIOVASCULAR SYSTEMS CORPORATION
2022326581	BEIJING WEHAND-BIO PHARMACEUTICAL CO., LTD	2022331536	CELGENE CORPORATION
2022326724	TYK MEDICINES, INC.	2022331646	SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES
2022326850	CHANA, G.S.	2022332117	BOSTON SCIENTIFIC SCIMED INC.
2022327017	SAMSUNG ELECTRONICS CO., LTD.	2022332215	W. L. GORE & ASSOCIATES, INC.
2022327029	MUSKA CO., LTD	2022332641	MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E. V.
2022327113	PEPSICO, INC.	2022334334	LANZATECH, INC.
2022327161	ANTECIP BIOVENTURES II LLC	2022334383	HANG ZHOU YUHONG PHARMATECH CO., LTD.
2022327300	HUAWEI TECHNOLOGIES CO., LTD.	2022334402	SHANGHAI HANSOH BIOMEDICAL CO., LTD.; JI-ANGSU HANSOH PHARMACEUTICAL GROUP CO., LTD.
2022327577	BASF SE	2022334439	ACE VISION GROUP, INC.
2022327583	KING'S COLLEGE LONDON	2022334874	SUNCOAL INDUSTRIES GMBH
2022327604	INVENTIO AG	2022334891	ALCON INC.
2022327641	FESTOOL GMBH	2022335124	MITSUBISHI HEAVY INDUSTRIES, LTD.; THE KANSAI ELECTRIC POWER CO., INC.
2022327749	ADAMA AGAN LTD.	2022335156	CLEANSUBSEA OPERATIONS PTY LTD
2022327792	TECHNIP ENERGIES FRANCE	2022335158	3DMORPHIC PTY LTD
2022327859	GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED	2022335348	FOREVER LABS, INC.
2022327884	INTERNATIONAL INSTITUTE OF CANCER IMMUNOLOGY, INC.	2022335499	METAGENOMI, INC.
2022328112	FLOWSERVE PTE. LTD.	2022335645	HELLA GUTMANN SOLUTIONS GMBH
2022328115	CATERPILLAR INC.	2022335732	WORLDLINE
2022328116	CATERPILLAR INC.	2022335745	MOVEMATE INNOVATIONS, INC.
2022328206	AMGEN INC.	2022336179	SUNGROW POWER SUPPLY CO., LTD.
2022328252	COOPERSURGICAL, INC.	2022336212	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2022328272	SUN PHARMACEUTICAL INDUSTRIES, INC.	2022336286	LINDE GMBH
2022328282	SUN PHARMACEUTICAL INDUSTRIES, INC.	2022336407	PFIZER INC.
2022328342	JANSSEN PHARMACEUTICALS, INC.; AC IMMUNE SA	2022336567	NINGBO AUX ELECTRIC CO., LTD.; AUX AIR CONDITIONER CO., LTD.
2022328362	MAKO SURGICAL CORP.	2022336920	NINGBO AUX ELECTRIC CO., LTD.; AUX AIR CONDITIONER CO., LTD.
2022328401	ARBOR BIOTECHNOLOGIES, INC.	2022337172	ESS TECH, INC.
2022328453	ANNEX PRODUCTS PTY. LTD.	2022337279	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK
2022328459	INTERK PEPTIDE THERAPEUTICS LIMITED	2022337970	CUTERA, INC.
2022328634	CHEMOCENTRYX, INC.	2022338091	HUBA CONTROL AG
2022328710	THE BOARD OF TRUSTEES OF THE LEELAND STANFORD JUNIOR UNIVERSITY	2022338146	ECOLAB USA INC.
2022328765	CORN PRODUCTS DEVELOPMENT, INC.; INGREDION PLANT BASED PROTEIN SPECIALTIES (CANADA), INC.	2022338190	ADVANCED MATERIAL DEVELOPMENT LIMITED
2022328803	FMC CORPORATION	2022338576	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.
2022328858	THE BRAIN PROTECTION COMPANY PTY LTD	2022338994	HUBA CONTROL AG
2022328914	HUAWEI TECHNOLOGIES CO., LTD.	2022339672	EMORY UNIVERSITY; NEUROP, INC.
2022328940	HUAWEI TECHNOLOGIES CO., LTD.	2022339755	REGENERON PHARMACEUTICALS, INC.
2022329187	REDX PHARMA PLC	2022339781	EAGLEPICHER TECHNOLOGIES, LLC
2022329258	MASSEY VENTURES LIMITED	2022339889	ESS TECH, INC.
2022329539	GRUPPO GIMOKA S.P.A.	2022339895	MOTOROLA SOLUTIONS, INC.
2022329670	ZMAG, LTD.	2022339966	TECTON, DICKINSON AND COMPANY
2022329794	PEPTIDREAM INC.; JCR PHARMACEUTICALS CO., LTD.		
2022329950	ORTHOFEET, INC.		

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2022340566	FOLLOW, INC.	2022441607	ESSITY HYGIENE AND HEALTH AKTIEBOLAG
2022340639	TERABASE ENERGY, INC.	2022444393	SEQUENT LOGIC, LLC
2022340717	LAWRENCE, D.	2022446293	CCTEG COAL MINING RESEARCH INSTITUTE
2022340809	ESS TECH, INC.	2022459563	ZTE CORPORATION
2022341125	WIREMAN PTY LIMITED	2022470689	NOHMS TECHNOLOGIES, INC.
2022341149	BNSF RAILWAY COMPANY	2023243842	HITACHI SYSTEMS, LTD.
2022341171	NAUTILUS SUBSIDIARY, INC.	2023272140	MEDSHINE DISCOVERY INC.
2022341205	PLAKOUS THERAPEUTICS, INC.	2023286508	CHECKPOINT SYSTEMS, INC.
2022342404	ADAPTIX LTD	2023306102	PERKYPOD PTY LTD
2022342728	SWISS SHUFFLERS AG		
2022343045	CONOCOPHILLIPS COMPANY		
2022343057	CONOCOPHILLIPS COMPANY		
2022343947	SCW TECHNOLOGIES LIMITED		
2022344262	AMGEN INC.		
2022344804	FLUX CONSOLIDATED PTY LTD		
2022344809	MACDON INDUSTRIES LTD.		
2022344863	BREVILLE PTY LIMITED		
2022345376	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022345526	ALCON INC.		
2022345766	HOLLISTER INCORPORATED		
2022346807	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022347260	ALCON INC.		
2022347264	PRECISION PLANTING LLC		
2022347385	INTAS PHARMACEUTICALS LTD.		
2022347394	LENOVO (SINGAPORE) PTE. LTD.		
2022348004	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022348461	LUNAR ENERGY, INC.		
2022350668	GRAPHIC PACKAGING INTERNATIONAL, LLC		
2022350994	EPIROC ROCK DRILLS AKTIEBOLAG		
2022352515	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.		
2022354083	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022354222	ALCON INC.		
2022354355	JFE STEEL CORPORATION		
2022354579	A3P BIOMEDICAL AB (PUBL)		
2022355665	ANGEL YEAST CO., LTD		
2022356193	VICTAULIC COMPANY		
2022356228	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022356305	HILTI AKTIENGESELLSCHAFT		
2022356475	ALCON INC.		
2022356617	SONY GROUP CORPORATION		
2022357030	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA; KIRA PHARMACEUTICALS (SU-ZHOU) LTD.		
2022357278	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022357437	KEMPOWER OYJ		
2022357511	ALCON INC.		
2022358260	SOCIETE DES PRODUITS NESTLE S.A.		
2022358383	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022358795	GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI		
2022359003	ALCON INC.		
2022361458	QUALCOMM INCORPORATED		
2022361507	PSILO SCIENTIFIC LTD		
2022364274	ALCON INC.		
2022364987	QSC, LLC		
2022366432	FUTAMURA KAGAKU KABUSHIKI KAISHA		
2022367005	PRASSER, S.; PRASSER, J.		
2022370437	HALLIBURTON ENERGY SERVICES, INC.		
2022372239	PSILO SCIENTIFIC LTD		
2022377185	HALLIBURTON ENERGY SERVICES, INC		
2022378424	MARBIS GMBH		
2022378929	SIKA TECHNOLOGY AG		
2022378931	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.		
2022383308	MAPPLEX INTERNATIONAL CO., LTD.		
2022399667	SOUTH CHINA SEA INSTITUTE OF OCEANOLOGY, CHINESE ACADEMY OF SCIENCES		
2022401657	HALLIBURTON ENERGY SERVICES, INC.		
2022420842	LUNAR ENERGY, INC.		
2022424605	BEIJING GOLDWIND SCIENCE & CREATION WIND-POWER EQUIPMENT CO., LTD.		
2022428620	HEFEI TG IMMUNOPHARMA CO., LTD.		

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2022331278	2022322968	2022306868	A61N 5 /-	2022305711	A61P 39 /-
2022331315	2022323376	2022307676		2022307534	
2022331536	2022325896	2022307756	2021457845	2022312049	2022313274
2022331646	2022325950	2022308614	A61P 1 /-	2022316209	A61P 43 /-
2022334383	2022327884	2022308624			
2022334402	2022328342	2022311327	A61P 3 /-		
2022339672	2022330896	2022311443	2022308346		2022308874
2022339755	2022331476	2022311974	2022312760	2022315403	2022327884
2022340532	2022357030	2022313274	2022315403	2022319030	2022340532
2022341205	2022428620	2022315872	2022316209	2022320006	
2022347385		2022326188	2022325334	2022321738	A61P 7 /-
2022361507	A61K 41 /-	2022326581	2022339755	2022328710	
2022372239		2022330365	2022346807	2022334402	2022326188
2022378931		2022331315			
2023272140	A61K 45 /-	2022347385	A61P 11 /-	A61P 31 /-	A61P 9 /-
		2022378931			
A61K 35 /-	2021459965	A61L 27 /-	2022311443	2021461416	2022315403
2021457845	2022310901		2022315403	2022311974	2022316393
2022306214	2022316209		2022318880	2022321982	2022319098
2022308269	2022320006	2022306214	2022329187	2022322889	2022326581
2022312760	2022326724	2022306572	2022334383	2022323376	2022334402
2022314735	2022340532	2022308269	2022340532	2022428620	A61Q 19 /-
2022319723		A61K 47 /-	A61L 31 /-		
2022321738			A61P 13 /-	A61P 35 /-	2022307676
2022324120	2022306163	2022332215			2022307756
2022327583	2022306581		2022315403	2021457845	2022308614
2022330365	2022307756	A61M 1 /-	2022318037	2022303440	A61Q 5 /-
2022331439	2022308346	2022307245	2022334402	2022306911	
2022335348	2022311443	2022335348	A61P 17 /-	2022307534	2021460907
2022337279	2022313115			2022307560	2022326448
2022341205	2022313274	A61M 11 /-	2022310901	2022307676	
2022346807	2022314797		2022328272	2022308734	A61Q 7 /-
				2022312496	
A61K 36 /-	2022322968	2021460907	2022328282	2022313115	2021460907
	2022323376		2022334383	2022314086	2022326448
	2022326188	A61M 15 /-		2022314735	
2022307676	2022326581		A61P 19 /-	2022314797	A62C 13 /-
2022325493	2022327859	2022311443			
2022361507	2022328459		2022308874	2022315403	
2022372239	2022329794	A61M 25 /-	2022310901	2022317822	2022319349
			2022334383	2022318483	
A61K 38 /-	2022330365	2022328252	2022341205	2022322025	A62C 37 /-
	2022331439		2022357030	2022323376	
2021459965	2022347385	A61M 3 /-		2022324040	2022330604
2022308123	2022383308		A61P 25 /-	2022325376	
2022308874	2022428620	2022307245		2022325896	A63B 22 /-
2022314048			2022309278	2022326463	
2022314797	A61K 48 /-	A61M 39 /-	2022313274	2022326724	2022335745
2022315298					
2022316209	2021459965	2021463040	2022315403	2022327859	A63B 71 /-
2022317822	2022315298		2022316393	2022327884	
2022321738	2022323376		2022319030	2022328459	2022312504

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<u>A63F 1 /-</u>	<u>B21D 51 /-</u>	<u>B32B 27 /-</u>	<u>B61L 25 /-</u>	<u>B65D 21 /-</u>	<u>B66C 1 /-</u>
2022342728	2022324468	2022329539 2022366432	2022341149	2021463386	2022307937
<u>A63F 9 /-</u>	<u>B22D 1 /-</u>	<u>B32B 3 /-</u>	<u>B61L 27 /-</u>	<u>B65D 43 /-</u>	<u>B66C 15 /-</u>
2022342728	2022329670	2022329539	2022341149	2022311387	2022317506
<u>B01D 11 /-</u>	<u>B22D 11 /-</u>	<u>B32B 7 /-</u>	<u>B62J 11 /-</u>	<u>B65D 5 /-</u>	<u>B66C 23 /-</u>
2022361507 2022372239	2022329670	2021459696 2022329539	2022328453 <u>B62J 50 /-</u>	2021463386 2022339966	2022331384 <u>B66F 11 /-</u>
<u>B01D 53 /-</u>	<u>B22D 35 /-</u>	<u>B33Y 10 /-</u>	<u>B63B 21 /-</u>	<u>B65D 51 /-</u>	<u>B66F 9 /-</u>
2022309127 2022335124 2022336286	2022329670	2022308624 <u>B33Y 80 /-</u>	2022327792	2022339966 <u>B65D 57 /-</u>	2022313535 2022313535
<u>B01D 63 /-</u>	<u>B23B 45 /-</u>	<u>B44D 3 /-</u>	<u>B63B 35 /-</u>	<u>B65D 65 /-</u>	<u>C01B 17 /-</u>
2022330672	2022341125	2022328112	2022327792	2021463386	2022335124
<u>B01F 101 /-</u>	<u>B23K 26 /-</u>	<u>B60K 1 /-</u>	<u>B63B 39 /-</u>	<u>B65D 77 /-</u>	<u>C01B 3 /-</u>
2022311387	2021461282	2022316851	2022272153	2022329539	2022309127 2022318480
<u>B01F 35 /-</u>	<u>B25B 21 /-</u>	<u>B60L 53 /-</u>	<u>B63B 59 /-</u>	2022345376	2022320050
2022311387	2022356305	2022313535	2022335156	<u>B65D 81 /-</u>	<u>C01B 32 /-</u>
<u>B01J 19 /-</u>	<u>B25B 23 /-</u>	<u>B60P 3 /-</u>	<u>B63B 79 /-</u>	2022325783	2022308659 2022315240
2022319137	2022356305	2022357437	2022327792	<u>B65D 83 /-</u>	2022318480 2022322000
<u>B01L 3 /-</u>	<u>B25B 25 /-</u>	<u>B60N 2 /-</u>	<u>B63H 25 /-</u>	2022339966	2022335124 2022338190
2022335348 2022339966	2022341125	2022367005	2022272153	<u>B65D 85 /-</u>	<u>C01B 6 /-</u>
<u>B05C 11 /-</u>	<u>B25D 17 /-</u>	<u>B60R 11 /-</u>	<u>B63J 4 /-</u>	2022329539 2022345376	2022325783
2022312476	2021462050	2022340639	2022319797	2022348004	<u>C01D 15 /-</u>
<u>B05C 7 /-</u>	<u>B25F 3 /-</u>	<u>B60R 19 /-</u>	<u>B64B 1 /-</u>	2022354083 2022356228	201459736
2022312476	2022341125	2022367005	2022314254	2022357278	<u>C01F 5 /-</u>
<u>B05C 9 /-</u>	<u>B25F 5 /-</u>	<u>B60R 21 /-</u>	2022315008	2022358260	2022318480
2022312476	2021460294	2022312456	<u>B64D 27 /-</u>	2022358383	
2022312476	2022341125	<u>B60R 3 /-</u>	<u>B64D 33 /-</u>	<u>B65F 1 /-</u>	<u>C01G 49 /-</u>
<u>B05D 1 /-</u>	2022356305	2022312456	2022314254	2022309245	2022318480
2022312476	<u>B25J 19 /-</u>	<u>B60R 9 /-</u>	<u>B64D 45 /-</u>	<u>B65G 1 /-</u>	<u>C01G 53 /-</u>
<u>B05D 7 /-</u>	2022327641	2022326048	2022315008	2022320860	201459736 2022306381
2022312476	<u>B25J 9 /-</u>	<u>B60T 17 /-</u>	2022315008	<u>B65G 65 /-</u>	
<u>B09B 101 /-</u>	2022326217	<u>B60R 9 /-</u>	2022315008	2022320860	<u>C02F 1 /-</u>
2022431612	2022327641	2022326048	<u>B65B 11 /-</u>	<u>B65H 54 /-</u>	2022319797 2023243842
<u>B09B 3 /-</u>	2022366432	2021473936	<u>B65B 7 /-</u>	<u>B66B 1 /-</u>	<u>C02F 103 /-</u>
2022431612	<u>B29C 64 /-</u>	<u>B61D 23 /-</u>	2022329539	2022327604	2022319797
2022356193	2022308624	2022326048	<u>B65D 1 /-</u>	<u>B66B 3 /-</u>	<u>C02F 11 /-</u>
<u>B21D 39 /-</u>	2022350668	<u>B31B 50 /-</u>	2022327113	2022327604	2022306012
<u>B21D 45 /-</u>	2022350668	<u>B61L 23 /-</u>			<u>C04B 103 /-</u>
2022324468		2022341149			2022312665

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2022370437	<u>C07D 211 /-</u>	2022328803 2022334402	<u>C07K 1 /-</u>	<u>C08G 18 /-</u>	<u>C12N 15 /-</u>
<u>C04B 22 /-</u>	2022319753		2022313115 2022314709	2022378929	2021459965 2021461416
2022370437	<u>C07D 213 /-</u>	2022307534	<u>C07K 14 /-</u>	<u>C08J 7 /-</u>	2022308123 2022309554
<u>C04B 28 /-</u>	2022307534 2022309278	2022324177 2022328803	2022308874 2022311974	2022348004	2022311974 2022312354
2022312665	2022310062	2022336407	2022313115	<u>C08L 23 /-</u>	2022315298 2022315872
2022370437	2022328803		2022313166 2022314048	2022323375 2022334874	2022321738 2022321898
<u>C04B 40 /-</u>	2022331536 2022331646	<u>C07D 407 /-</u>	2022314709 2022314797	2022366432	2022323376 2022324118
2022312665	<u>C07D 215 /-</u>	<u>C07D 409 /-</u>	2022322968 2022324040	<u>C08L 27 /-</u>	2022327583 2022328401
<u>C04B 7 /-</u>	2022326724	2022307534	2022330896 2022331418	2022332215	2022330365 2022330390
2022370437	<u>C07D 231 /-</u>	<u>C07D 413 /-</u>	2022344262	<u>C08L 3 /-</u>	2022331418 2022331424
<u>C06B 23 /-</u>	2022309278		2022329187 2022334402	2022310072	2022334334 2022335499
2022322000	<u>C07D 237 /-</u>	<u>C07D 417 /-</u>	2022306144 2022306973	<u>C08L 75 /-</u>	2022339755 2022357030
<u>C06B 43 /-</u>	2022328803		2022325334 2022326463	2022378929	2022428620
2022322000	<u>C07D 239 /-</u>	2022328803	2022308201 2022309554	<u>C09C 1 /-</u>	<u>C12N 5 /-</u>
<u>C06D 5 /-</u>	2022306911	2022328803	2022314086 2022314797	2022431612	2021459965 2022306214
2022322000	2022309278	2022330302	2022316209		
2022327749		<u>C07D 451 /-</u>	2022317368 2022317822	<u>C09D 11 /-</u>	2022308269
<u>C07C 211 /-</u>	<u>C07D 241 /-</u>	2022326463	2022318483 2022325950	2022338190	2022320142 2022321738
2022318483	2022306911		2022328710	<u>C09J 7 /-</u>	2022324040 2022324120
2022335124	2022326724	<u>C07D 471 /-</u>	2022330896 2022357030	2022311972	2022331424 2022357030
<u>C07C 215 /-</u>	<u>C07D 249 /-</u>	2022319753	2022428620	<u>C09K 8 /-</u>	<u>C12N 7 /-</u>
2022335124	2022306911	2022325376			
<u>C07C 233 /-</u>	<u>C07D 261 /-</u>	2022326463	<u>C07K 17 /-</u>	2022370437	2022311974
2022310062	2022328803	2022326724	2022322968	2022377185	
<u>C07C 237 /-</u>	2022334402	<u>C07D 487 /-</u>	<u>C07K 19 /-</u>	<u>C10B 49 /-</u>	<u>C12N 9 /-</u>
2022310062		2022308734	2022314797	2022308660	2022312354 2022312712
<u>C07C 255 /-</u>	2022316393	2022312049 2022319753	2022323376	<u>C10B 53 /-</u>	2022315298 2022324118
2022310062		2022320725	2022329794		
<u>C07D 309 /-</u>	2022325888	2022330896		2022308659	2022335499
2022310062	2022326724		<u>C07K 5 /-</u>	2022308660	
<u>C07C 311 /-</u>	2022310062	2022329187	2022307560	<u>C10B 57 /-</u>	<u>C12P 19 /-</u>
2022309278	<u>C07D 311 /-</u>	2023272140			
<u>C07C 335 /-</u>	2022331536	<u>C07D 493 /-</u>	<u>C07K 7 /-</u>	2022306012	2022312712 2022313872
2022327749	<u>C07D 401 /-</u>	<u>C07D 498 /-</u>	2022323376	<u>C10G 1 /-</u>	<u>C12P 23 /-</u>
<u>C07C 69 /-</u>	2022307534	2022303440	2022327884	2022313602	2022312354
2022318483	2022308734	2022313115	2022329794	2022319137	
2022318483	2022315403	2022322889	2022330896	<u>C10G 15 /-</u>	<u>C12P 5 /-</u>
2022326463	2022326463	2022329187	2022310072		
<u>C07D 207 /-</u>	2022326724	<u>C07D 519 /-</u>	<u>C08F 222 /-</u>	2022319137	2022334334
2022322889	2022328634	2022303440	2022323375	<u>C10G 3 /-</u>	<u>C12P 7 /-</u>
2022325888	2022328803	2022308734			
<u>C07D 209 /-</u>	2022329187	2022312496	<u>C08F 255 /-</u>	2022313602	2022343045
2022324177	2022334402	2022325888		<u>C12M 1 /-</u>	<u>C12Q 1 /-</u>
2022326463	<u>C07D 403 /-</u>	2022334383	2022323375		
2022361507	2022322889	<u>C07H 21 /-</u>	<u>C08F 283 /-</u>	2022308060	2022313872
2022372239	2022326463	2022319723	2022378929	2022323563	2022314994
	2022326724				2022315102 2022316142

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2022316209	<u>C40B 70 /-</u>	2022343057	<u>F04D 7 /-</u>	<u>F17C 1 /-</u>	<u>F25B 9 /-</u>
2022319723				2022325783	2022305679
2022324011	2022341171	<u>E21B 23 /-</u>	2022306363		2022306867
2022324974			2022308059		
2022326458	<u>D03D 1 /-</u>	2021467727		<u>F17C 5 /-</u>	
2022339755		2021473990	<u>F04F 5 /-</u>		<u>F25D 3 /-</u>
2022341171	2022307937	2021477598		2022325783	2022306867
		2021480191	2022308059		2022307654
<u>C12Q 3 /-</u>	<u>D03D 11 /-</u>	<u>E21B 33 /-</u>	<u>F16B 13 /-</u>	<u>F23G 1 /-</u>	
2022308060	2022307937	2021467727	2022322871	2022343947	<u>F25J 1 /-</u>
<u>C13B 50 /-</u>	<u>D03D 15 /-</u>	2021477598		<u>F23G 5 /-</u>	2022324729
2022321991	2022307937	2022325146	<u>F16B 2 /-</u>	2022431612	<u>F26B 5 /-</u>
		2022370437			
<u>C21B 13 /-</u>	<u>D04B 1 /-</u>	2022377185	2022328453	<u>F23N 5 /-</u>	2022331315
2022325766	20221467589	2022401657	<u>F16B 21 /-</u>		
				2022323298	<u>F27D 11 /-</u>
<u>C22B 1 /-</u>	<u>D21H 17 /-</u>	2021467727	<u>F16B 5 /-</u>	<u>F24F 1 /-</u>	2022431612
2022306012	2022338146	2021473990	2022322871	2022336567	<u>F27D 27 /-</u>
2022354355	<u>D21H 19 /-</u>	2021477598		2022336920	2022329670
		2022306667			
<u>C22B 23 /-</u>	2022348004	2022325146	<u>F16K 21 /-</u>	<u>F24F 11 /-</u>	<u>F28C 3 /-</u>
2021459736	<u>D21H 21 /-</u>	2022343057		2022336920	2022330183
<u>C22B 26 /-</u>	2022338146	2021480191	<u>F16K 31 /-</u>	<u>F24F 13 /-</u>	<u>F28D 1 /-</u>
2021459736	<u>D21H 27 /-</u>	<u>E21B 4 /-</u>	2022307644	2022336567	2022330183
<u>C25B 1 /-</u>	2022348004	2021480191	<u>F16K 47 /-</u>	<u>F24H 1 /-</u>	<u>F28D 20 /-</u>
2022307744	<u>E02F 9 /-</u>	<u>E21B 41 /-</u>	2022328112	2022331242	2022306363
2022308141					
2022322018	2022328115	2021480191	<u>F16L 11 /-</u>	<u>F24H 15 /-</u>	<u>G01B 7 /-</u>
2022323424	2022328116	<u>E21B 43 /-</u>	2021459696	2022331242	2022344804
<u>C25B 11 /-</u>	<u>E04C 5 /-</u>	2022306667	<u>F16L 17 /-</u>	<u>F24S 20 /-</u>	<u>G01D 18 /-</u>
2022323424	2022325391	2022325235			
<u>C25B 13 /-</u>	<u>E04F 13 /-</u>	2022377185	2022321014	2022340717	2023243842
		2022401657			
2022307744	2022325177	<u>E21B 47 /-</u>	<u>F16L 21 /-</u>	<u>F24S 23 /-</u>	<u>G01D 3 /-</u>
2022308141					
<u>C25B 15 /-</u>	<u>E04F 15 /-</u>	2022322108	2022321014	2022340717	2023243842
		2022325235	2022356193		
2022308141	2022306866	<u>E21B 7 /-</u>	<u>F16L 23 /-</u>	<u>F24S 25 /-</u>	<u>G01D 5 /-</u>
<u>C25B 9 /-</u>	<u>E04H 17 /-</u>				
		2021465509	2022356193	2022318755	2022344804
2022322018	2022341125	<u>E21C 37 /-</u>			2022444393
2022323424	<u>E06B 11 /-</u>			2022340717	2022339966
<u>C25C 1 /-</u>	2022309747	2022446293	<u>F16L 27 /-</u>	<u>F24S 30 /-</u>	<u>G01F 11 /-</u>
2022325439	2022324217	<u>F03D 1 /-</u>	2022331133		2022331427
				2022340717	
<u>C25C 5 /-</u>	<u>E06B 3 /-</u>	2021458847	<u>F16L 55 /-</u>	<u>F25B 25 /-</u>	<u>G01J 3 /-</u>
2022325439	2022309747	<u>F03D 7 /-</u>		2022305679	2022324011
	2022324217				2022325526
<u>C25C 7 /-</u>	<u>E21B 19 /-</u>	2022352515	<u>F16L 9 /-</u>	<u>F25B 41 /-</u>	2022336212
2022325439	2021465509	<u>F04D 13 /-</u>	2021459696	2022305679	<u>G01K 1 /-</u>
<u>C40B 20 /-</u>	<u>E21B 21 /-</u>	2022306363	<u>F16M 13 /-</u>	<u>F25B 5 /-</u>	2022315610
2022341171	2022307322	<u>F04D 17 /-</u>	2022328453	2022305679	<u>G01K 11 /-</u>
	2022307644				
	2022325235	2022311271			2022444393

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<u>G01K 7 /-</u>	<u>G01V 1 /-</u>	<u>G06F 3 /-</u>	2022325822 2022335158	<u>G08C 17 /-</u>	<u>G16Y 40 /-</u>
2022315610	2022309703 2022399667	2022344804 <u>G06F 30 /-</u>	2022315175	2022315610 <u>G08C 25 /-</u>	2022330604 <u>H01B 1 /-</u>
<u>G01L 1 /-</u>	<u>G01V 99 /-</u>	2022318755	<u>G06T 3 /-</u>	2023243842	2022338190
2022444393	2022322108	<u>G06F 40 /-</u>	2022306874	<u>G08G 5 /-</u>	<u>H01B 3 /-</u>
<u>G01L 11 /-</u>	<u>G01W 1 /-</u>	2022309301	<u>G06T 7 /-</u>	2022313537 <u>G09B 23 /-</u>	2022323375 <u>H01H 36 /-</u>
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A61B 6/03 (2006.01)
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A61B 17/11 (2006.01)
A61B 17/04 (2006.01)
A61L 27/16 (2006.01)
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 (51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)

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H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/129 (2014.01)
H04N 19/13 (2014.01)
H04N 19/134 (2014.01)
H04N 19/176 (2014.01)
H04N 19/51 (2014.01)
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 (54) Image data encoding/decoding method and apparatus
 (51) Int. Cl.
H04N 19/625 (2014.01)
H04N 19/103 (2014.01)
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H04N 19/129 (2014.01)
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F17C 6/00 (2006.01)
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A61M 39/20 (2006.01)
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B08B 3/08 (2006.01)
F16K 51/00 (2006.01)
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G06N 10/40 (2022.01)
H04B 10/70 (2013.01)
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H04N 5/92 (2006.01)
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A61K 39/395 (2006.01)
A61K 47/68 (2017.01)
C07K 14/54 (2006.01)
C07K 16/24 (2006.01)
C07K 16/32 (2006.01)
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C12N 15/13 (2006.01)
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F02M 37/00 (2006.01)
F02D 29/06 (2006.01)
F02M 37/08 (2006.01)
H02K 47/14 (2006.01)
H02P 9/04 (2006.01)
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B07C 5/00 (2006.01)
B65B 5/10 (2006.01)
B65B 57/00 (2006.01)
B65B 59/00 (2006.01)
G06Q 10/04 (2023.01)
G06V 20/60 (2022.01)
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C12Q 1/37 (2006.01)

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G06F 21/53 (2013.01)
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C07C 57/03 (2006.01)
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A61M 11/02 (2006.01)
A61M 15/00 (2006.01)
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B05B 11/00 (2006.01)
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G07C 5/08 (2006.01)
B60W 40/09 (2012.01)
H04W 4/00 (2018.01)
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C07D 487/04 (2006.01)
A61K 31/4985 (2006.01)
A61P 35/00 (2006.01)
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B01D 53/04 (2006.01)
B01D 53/047 (2006.01)
C07C 7/13 (2006.01)
C10L 3/10 (2006.01)
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A61M 5/145 (2006.01)
B01D 61/42 (2006.01)
F04B 19/00 (2006.01)
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A23L 27/00 (2016.01)
A23L 2/60 (2006.01)
C13K 1/00 (2006.01)
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F16B 47/00 (2006.01)
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A61L 2/20 (2006.01)
A61M 5/178 (2006.01)
B65B 55/10 (2006.01)
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 (54) A NOVEL BOTULINUM NEUROTOXIN AND ITS DERIVATIVES
 (51) Int. Cl.
C07K 14/33 (2006.01)
A61K 38/48 (2006.01)
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 (51) Int. Cl.
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A61K 39/395 (2006.01)
G01N 33/574 (2006.01)
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C12N 15/113 (2010.01)
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 (51) Int. Cl.
E21B 49/00 (2006.01)
E21B 43/26 (2006.01)
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 (51) Int. Cl.
H01M 50/533 (2021.01)
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 (51) Int. Cl.
B29C 51/14 (2006.01)
B29C 51/30 (2006.01)
B65D 1/36 (2006.01)
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A61B 5/00 (2006.01)
G06N 3/02 (2006.01)
G10L 15/06 (2013.01)
G10L 15/16 (2006.01)
G10L 17/06 (2013.01)
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A61K 8/02 (2006.01)
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A61Q 19/00 (2006.01)
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 (51) Int. Cl.
B66F 9/07 (2006.01)
B65G 1/04 (2006.01)
B65G 1/137 (2006.01)
B66F 9/06 (2006.01)
B66F 9/12 (2006.01)
B66F 9/14 (2006.01)
B66F 9/18 (2006.01)
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 (11) AU-B-2021227696
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 (54) System comprising a multilevel warehouse racking system comprising tote transfer zones, materials handling vehicles, and transporters, and methods of use thereof
 (51) Int. Cl.
B65G 1/04 (2006.01)
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 (31) 16/800,623 (32) 25.02.20 (33) US
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C12N 15/10 (2006.01)
C12Q 1/68 (2018.01)
C40B 40/06 (2006.01)
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F24F 3/06 (2006.01)
F24F 11/00 (2018.01)
F24F 11/36 (2018.01)
F24F 11/62 (2018.01)
F24F 11/89 (2018.01)
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F24F 13/20 (2006.01)
F25B 13/00 (2006.01)
F24F 140/40 (2018.01)
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C08G 71/04 (2006.01)
A61K 6/30 (2020.01)
A61K 6/889 (2020.01)
A61K 6/893 (2020.01)
C07C 269/04 (2006.01)
C09J 175/04 (2006.01)
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F42D 1/055 (2006.01)
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 (54) Inhibitors of SARM1
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A61K 31/381 (2006.01)
A61P 19/06 (2006.01)
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 (54) INDEPENDENT THREE-CIRCUIT POWER SUPPLY TRACK WITH SIGNAL WIRES
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C08G 18/48 (2006.01)
C08G 18/16 (2006.01)
C08G 18/18 (2006.01)
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G06Q 10/10 (2012.01)
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C08B 37/00 (2006.01)
C08L 5/00 (2006.01)
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B01J 19/26 (2006.01)
C01B 32/00 (2017.01)
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 ID, Christopher Edwin John
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 tion and/or position of components
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B66C 1/10 (2006.01)
B66C 13/08 (2006.01)
B66C 23/18 (2006.01)
F03D 13/10 (2016.01)
F03D 13/20 (2016.01)
F03D 13/40 (2016.01)
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A61P 11/06 (2006.01)
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 tion system
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H04B 7/185 (2006.01)
H04L 1/16 (2006.01)
H04W 88/04 (2009.01)
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 current refractive error and of current
 accommodation amplitude of a person
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A61B 3/00 (2006.01)
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 voltaic charger including the dye-sens-
 itized solar cell unit and a method for
 producing the solar cell unit
 (51) Int. Cl.
H01G 9/20 (2006.01)
H01L 31/02 (2006.01)
H02J 7/35 (2006.01)
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 ing Akt protein kinase inhibitors
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A61K 31/517 (2006.01)
A61K 9/20 (2006.01)
A61K 9/28 (2006.01)
A61P 35/00 (2006.01)
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 (54) Solid forms of 3-((1R,3R)-1-(2,6-di-
 fluoro-4-((1-3-fluoropropyl)azetidin-3-
 yl)amino)phenyl)-3-methyl-1,3,4,9-
 tetrahydro-2H-pyrido[3,4-b]indol-2-
 yl)-2,2-difluoropropan-1-ol and pro-
 cesses for preparing fused tricyclic
 compounds comprising a substituted
 phenyl or pyridinyl moiety, including
 methods of their use
 (51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/437 (2006.01)
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 (43) 26.05.2022
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 (54) Multifaceted Shot
 (51) Int. Cl.
F42B 7/04 (2006.01)
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H04W 48/10 (2009.01)
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 (54) Nasal respiratory interface and adjustable headgear
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A61M 16/06 (2006.01)
A62B 18/08 (2006.01)
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 (54) Efficient implementation of matrix-based intra-prediction
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H04N 19/11 (2014.01)
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G10L 19/008 (2013.01)
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G06N 5/04 (2006.01)
G06N 20/10 (2019.01)
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B01J 20/291 (2006.01)
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C02F 1/66 (2006.01)
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G06F 16/93 (2019.01)
G06F 21/64 (2013.01)
H04L 9/00 (2022.01)
H04L 9/32 (2006.01)
H04W 12/06 (2021.01)
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A61K 39/00 (2006.01)
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A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
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C07D 241/20 (2006.01)
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(72) JOHN, Stephan; LATVA-NIRVA, Esa; ROBB, John
(74) MINTER ELLISON

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- (71) Viasx Dental Technologies LLC
 (11) AU-B-2018235962
 (21) 2018235962 (22) 15.03.2018
 (54) System for preparing teeth for the placement of veneers
 (51) Int. Cl.
A61C 1/08 (2006.01)
A61C 13/01 (2006.01)
 (87) WO2018/170278
 (31) 15/858,253 (32) 29.12.17 (33) US 62/472,372 16.03.17 US
 (43) 20.09.2018
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 (72) Fares, Mohamed; Tahmasebi, Cyrus
 (74) Phillips Ormonde Fitzpatrick
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- (71) voestalpine Railway Systems Nortrak LLC; voestalpine VAE GmbH
 (11) AU-B-2017401117
 (21) 2017401117 (22) 05.12.2017
 (54) Rail fastening apparatus
 (51) Int. Cl.
E01B 9/44 (2006.01)
E01B 9/46 (2006.01)
E01B 9/48 (2006.01)
E01B 9/50 (2006.01)
E01B 9/52 (2006.01)
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 (31) 2,959,254 (32) 28.02.17 (33) CA
 (43) 07.09.2018
 (44) 22.02.2024
 (72) Duffner, Brent; Click, Gary; Smith, Bradley; Cameron, Derek
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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voestalpine VAE GmbH see voestalpine Railway Systems Nortrak LLC
 (21) 2017401117

Vorster, O. see Truter, P.
 (21) 2017390813

- (71) W. L. Gore & Associates, Inc.
 (11) AU-B-2022224781
 (21) 2022224781 (22) 31.08.2022
 (54) Epithelializing microporous biomaterial for use in avascular environments and in corneal implants
 (51) Int. Cl.
A61L 27/16 (2006.01)
A61L 27/34 (2006.01)
A61L 27/56 (2006.01)
 (43) 22.09.2022
 (44) 22.02.2024
 (62) 2019287735
 (72) SINGH, Anuraag; SCHMIEDEL, Thomas B.; BALAJI, Gopalan V.; FISCHER, Paul J.
 (74) Griffith Hack
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- (71) Weir Minerals Australia Limited
 (11) AU-B-2018379389
 (21) 2018379389 (22) 04.12.2018
 (54) Tough and corrosion resistant white cast irons

- (51) Int. Cl.
C21D 5/04 (2006.01)
C22C 29/02 (2006.01)
C22C 33/08 (2006.01)
C22C 37/06 (2006.01)
 (87) WO2019/109138
 (31) 2017904866 (32) 04.12.17 (33) AU
 (43) 13.06.2019
 (44) 22.02.2024
 (72) TANG, Xinhua
 (74) WEIR MINERALS AUSTRALIA LTD
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- (71) WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.
 (11) AU-B-2020391549
 (21) 2020391549 (22) 26.11.2020
 (54) Method and device for processing video signal by using adaptive color space transform
 (51) Int. Cl.
H04N 19/60 (2014.01)
H04N 9/67 (2006.01)
H04N 19/119 (2014.01)
H04N 19/124 (2014.01)
H04N 19/137 (2014.01)
H04N 19/18 (2014.01)
H04N 19/186 (2014.01)
H04N 19/61 (2014.01)
H04N 19/625 (2014.01)
H04N 19/70 (2014.01)
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 (72) JUNG, Jaehong; SON, Juhyung; KIM, Dongcheol; KO, Geonjung; KWAK, Jin-sam
 (74) AJ PARK
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- (71) Wonderland Switzerland AG
 (11) AU-B-2021258027
 (21) 2021258027 (22) 28.10.2021
 (54) BASKET AND STROLLER WITH THE BASKET
 (51) Int. Cl.
B62B 7/04 (2006.01)
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 (74) James & Wells Intellectual Property
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- (71) Wooptix S.L.
 (11) AU-B-2022203080
 (21) 2022203080 (22) 09.05.2022
 (54) Method for depth estimation for a variable focus camera
 (51) Int. Cl.
G06T 7/55 (2017.01)
G06N 3/02 (2006.01)
 (31) 21382458.4 (32) 20.05.21 (33) EP
 (43) 08.12.2022

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 (72) SABATO, Ceruso; GARCIA, Ricardo Oliva; RAMOS, Jose Manuel Rodriguez
 (74) BOSH IP Pty Ltd
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- (71) Xellia Pharmaceuticals ApS
 (11) AU-B-2021227095
 (21) 2021227095 (22) 26.02.2021
 (54) Daptomycin formulation
 (51) Int. Cl.
A61K 9/19 (2006.01)
A61K 31/00 (2006.01)
A61K 47/18 (2017.01)
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 (31) 62/982,945 (32) 28.02.20 (33) US
 (43) 02.09.2021
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 (72) FUMIC, Barbara
 (74) WRAYS PTY LTD
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- (71) Xencor, Inc.
 (11) AU-B-2022203782
 (21) 2022203782 (22) 01.06.2022
 (54) IL15/IL15Ralpha heterodimeric Fc-fusion proteins
 (51) Int. Cl.
C07K 14/54 (2006.01)
C07K 14/715 (2006.01)
C07K 19/00 (2006.01)
 (43) 23.06.2022
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 (62) 2017342560
 (72) Barnett, Matthew; Rashid, Rumana; Desjarlais, John; Varma, Rajat; Bonzon, Christine
 (74) Davies Collison Cave Pty Ltd
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- (71) Yale University; Institute for Research in Biomedicine (IRB); Regeneron Pharmaceuticals, Inc.
 (11) AU-B-2021240324
 (21) 2021240324 (22) 04.10.2021
 (54) Genetically modified non-human animals and methods of use thereof
 (51) Int. Cl.
A01K 67/027 (2006.01)
A01K 67/033 (2006.01)
A61K 39/00 (2006.01)
 (43) 28.10.2021
 (44) 22.02.2024
 (62) 2019216625
 (72) FLAVELL, Richard A.; MANZ, Markus; RONGVAUX, Anthony; STROWIG, Till; WILLINGER, Tim; MURPHY, Andrew J.; STEVENS, Sean; YANCOPOULOS, George
 (74) Davies Collison Cave Pty Ltd
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 (11) AU-B-2017412642
 (21) 2017412642 (22) 25.09.2017
 (54) A combination inhibiting MEIS proteins
 (51) Int. Cl.
A61K 38/18 (2006.01)
A61K 31/166 (2006.01)
A61K 35/28 (2015.01)
A61K 35/51 (2015.01)

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 (31) 2016/16602 (32) 16.11.16 (33) TR
 (43) 08.11.2018
 (44) 22.02.2024
 (72) Kocabas, Fatih; Turan, Raife Dilek
 (74) Spruson & Ferguson

(51) Int. Cl.
C12N 9/22 (2006.01)
C12N 15/11 (2006.01)
C12N 15/90 (2006.01)
 (43) 07.09.2023
 (44) 22.02.2024
 (72) Tian, Rui; Huang, Long; Xie, Hongxian
 (74) Madderns Pty Ltd

(71) YongNong BioSciences CO., LTD.; Ningxia YongNong BioSciences CO., LTD.
 (11) AU-B-2023203007
 (21) 2023203007 (22) 15.05.2023
 (54) METHODS OF PREPARING GLUFOS-INATE
 (51) Int. Cl.
C07F 9/30 (2006.01)
C07F 9/6584 (2006.01)
 (31) 202211440553.X (32) 17.11.22 (33) CN
 202310033931.0 10.01.23 CN
 (43) 01.06.2023
 (44) 22.02.2024
 (72) Tang, Wenjie; Wu, Chengjun; Li, Nan;
 Xu, Jianjie; Tang, Xianzhong; Mao,
 Chunhui
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Zoetis Services LLC
 (11) AU-B-2018219151
 (21) 2018219151 (22) 02.02.2018
 (54) Method for reducing pathogens in poultry hatchery operations
 (51) Int. Cl.
A01K 43/00 (2006.01)
G01N 33/08 (2006.01)
 (87) WO2018/148115
 (31) 62/455,761 (32) 07.02.17 (33) US
 (43) 16.08.2018
 (44) 22.02.2024
 (72) Williams, Christopher John
 (74) Spruson & Ferguson

(71) Youssef, A.
 (11) AU-B-2018207025
 (21) 2018207025 (22) 10.01.2018
 (54) Device and technique for generating power from moving water
 (51) Int. Cl.
F03B 7/00 (2006.01)
 (87) WO2018/132020
 (31) 728260 (32) 12.01.17 (33) NZ
 (43) 19.07.2018
 (44) 22.02.2024
 (72) Alexander, Albert John
 (74) Albert John Alexander

(71) Zhejiang Jinko Solar Co. Ltd.
 (11) AU-B-2023201070
 (21) 2023201070 (22) 23.02.2023
 (54) SOLAR CELL, METHOD FOR MANUFACTURING SOLAR CELL, AND PHOTOVOLTAIC MODULE
 (51) Int. Cl.
H01L 31/0216 (2014.01)
H01L 31/04 (2014.01)
H01L 31/18 (2006.01)
 (43) 23.03.2023
 (44) 22.02.2024
 (62) 2021245100
 (72) ZHANG, Xiaowen; LI, Wenqi; YU, Ding;
 ZHAO, Shijie; CHAI, Jialei; YANG, Jie;
 ZHANG, Xinyu; JIN, Hao
 (74) Franke Hyland Pty Ltd

(71) Zhuhai Shu Tong Medical Technology Co., Ltd.
 (11) AU-B-2022201166
 (21) 2022201166 (22) 21.02.2022
 (54) TYPE II CRISPR/CAS9 GENOME EDITING SYSTEM AND THE APPLICATION THEREOF

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2017306676	President And Fellows Of Harvard College	2018356925	Merxin Ltd
2017316663	Cho Pharma Inc.	2018360827	Les Laboratories Servier
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2017326174	Angiocrine Bioscience, Inc.	2018373915	RPL Holdings Limited
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2017336251	Ascendis Pharma Bone Diseases A/S	2018378810	Auris Health, Inc.
2017355218	Universität Basel	2018379389	Weir Minerals Australia Limited
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2017371402	The University of Adelaide	2018382355	Societe des Produits Nestle S.A.
2017376950	Alnylam Pharmaceuticals, Inc.	2018386568	Intervet International B.V.
2017385274	JCR Pharmaceuticals Co., Ltd.	2018389968	IFP Energies nouvelles; Agro Industries Recherche et Developpement; Institut National de la Recherche Agronomique
2017390813	Truter, P.; Truter, C.; Vorster, O.; Genis, R.; Christie, C. voestalpine Railway Systems Nortrak LLC; voestalpine VAE GmbH	2018390132	Poolbeg Pharma (UK) Limited
2017401117	Yeditepe Üniversitesi	2018391780	Boehringer Ingelheim International GmbH
2017423466	N.V. Nutricia	2018399218	Johnson & Johnson Consumer Inc.
2018200100	Melville Equipment Corp. Pty Ltd	2018403776	Hangzhou Nanochip Electronics Co., Ltd.
2018200476	A. Finkl & Sons Co.	2018433605	Razer (Asia-Pacific) Pte. Ltd.
2018200724	Sweet Goodbye Pty Ltd	2019200609	Tritana Intellectual Property Ltd.
2018201712	Pryzm Health IQ Pty Ltd	2019202756	LIGHTSPEED SOLUTIONS, LLC
2018202265	Otis Elevator Company	2019202923	Schott AG
2018202422	Northern Tool & Equipment Company, Inc.	2019203030	Reifenhäuser GmbH & Co. KG Maschinenfabrik
2018202760	KOVACO Electric, a.s.	2019205299	University of Washington
2018203973	PACCAR Inc	2019208401	DuPont Nutrition Biosciences ApS
2018204773	Japan Carpet Co., Ltd.	2019210164	Redarc Technologies Pty Ltd
2018207025	Youssef, A.	2019211004	instrAction GmbH
2018209072	Total Marine Technology Pty Ltd	2019211008	Omya International AG
2018212895	Cornell University	2019213691	Johnson & Johnson Vision Care, Inc.
2018214168	Out and Out Chemistry SPRL	2019215010	Smiths Medical ASD, Inc.
2018219151	Zoetis Services LLC	2019217216	Sub Zero International Limited
2018219901	Allen, T.	2019220632	Dana-Farber Cancer Institute, Inc.
2018225329	Illinois Tool Works Inc.	2019224932	Motus Weighing AB
2018227801	University of Central Florida Research Foundation, Inc.; Research Institute at Nationwide Children's Hospital	2019236116	Dow Global Technologies LLC
2018231789	Izun Pharmaceuticals Corp.	2019239544	MC2 Therapeutics Limited
2018235962	Viax Dental Technologies LLC	2019239606	Venator Germany GmbH
2018247928	Fundació Institut d'Investigació Biomèdica de Bellvitge (IDIBELL)	2019240258	Boston Scientific Limited
2018253406	Toncelli, L.	2019249959	Soudal
2018256472	The Boeing Company	2019252178	Lihme Protein Solutions ApS
2018260292	Nutreco IP Assets B.V.	2019252527	Precision BioSciences, Inc.
2018265522	L/N Health and Beauty ApS	2019252878	Stichting Sanquin Bloedvoorziening
2018277530	Magic Leap, Inc.	2019253118	Freenome Holdings, Inc.
2018279941	Magnolia Medical Technologies, Inc.	2019253883	Doggone Limited
2018279977	Biogrund GmbH	2019260644	Ahammume Biosciences Private Limited
2018286984	Immunocore Limited	2019262079	Silica Technology Pty Ltd
2018288296	PERI SE	2019262080	Silica Technology Pty Ltd
2018290821	Alcon Inc.	2019263700	Mako Surgical Corp.
2018291078	Johnson & Johnson Consumer Inc.	2019265902	FG Innovation Company Limited; Sharp Kabushiki Kaisha
2018299215	Smileyscope Pty Ltd.	2019267660	Panasonic Intellectual Property Corporation of America
2018303840	The University of Newcastle	2019269131	MedImmune Limited; Fundació Privada Institut
2018306467	OptiBiotix Limited		D'investigació Oncològica de Vall Hebron; Fundació Privada Institució Catalana De Recerca I Estudis Avançats
2018307012	SANYO Electric Co., Ltd.	2019271771	Suzhou Jinlin Metal Co., Ltd
2018314385	HidraMed Solutions Ltd	2019273028	Northwestern University
2018316501	Societe des Produits Nestle S.A.	2019273941	GS Yuasa International Ltd.
2018320864	NAPIGEN, Inc.	2019287378	Needlesmart Ltd
2018323207	Leng, L.	2019303986	HepaRegenix GmbH
2018329974	Senstech SPA.	2019305102	Ancestry.com Operations Inc.
2018332972	The University of North Carolina at Chapel Hill	2019305888	Exeger Operations AB
2018338098	ABM Therapeutics Corporation	2019312160	Nutragenom, LLC
2018345516	Auris Health, Inc.		
2018346681	Epicvax, Inc.; Food and Drug Administration		

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2019313162	Commonwealth Scientific and Industrial Research Organisation	2021206651	Disarm Therapeutics, Inc.
2019334109	The Provost, Fellows, Foundation Scholars, and the other Members of Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth, near Dublin	2021206895	Pfizer Inc.
2019345706	Shanghai Yingli Pharmaceutical Co., Ltd	2021208915	AptaBio Therapeutics Inc.
2019358249	Novaliq GmbH	2021212621	Pindrop Security, Inc.
2019374190	Beijing Hanmi Pharmaceutical Co., Ltd.	2021215197	Berkshire Renewable Energy Pty Ltd
2019374875	Netflix, Inc.	2021221240	Essilor International
2019379426	Bared Trading Pty Ltd	2021227095	Xellia Pharmaceuticals ApS
2019385248	Owens-Brockway Glass Container Inc.	2021227695	Crown Equipment Corporation
2019407816	Dentsply DeTrey GmbH; Dentsply Sirona Inc.	2021227696	Crown Equipment Corporation
2019448656	National Institute of Biological Sciences, Beijing	2021239971	Apple Inc.
2019476916	NEC Corporation	2021240324	Yale University; Institute for Research in Biomedicine (IRB); Regeneron Pharmaceuticals, Inc.
2020217316	Takeda Pharmaceutical Company Limited	2021242147	Ocean Energies AS
2020245640	American Sterilizer Company	2021244308	Boston Scientific Scimed, Inc.
2020259338	Geosyntec Consultants, Inc.	2021247307	Colgate-Palmolive Company
2020294103	Purple Innovation, LLC	2021249695	Oji Holdings Corporation
2020296604	Neo Cremer Co., Ltd.	2021250983	Hoyt Medical LLC
2020299074	NA Vaccine Institute	2021250993	Nogra Pharma Limited
2020300343	Newtech AS	2021251034	Baker Hughes Oilfield Operations LLC
2020317807	i-SENS, Inc.	20212523293	Assa Abloy AB
2020318306	LG Electronics Inc.	2021254650	Aegis Therapeutics, LLC; ARS Pharmaceuticals Operations, Inc.
2020324822	i-SENS, Inc.	2021255960	The Gillette Company LLC
2020332844	Jingjin Equipment Inc.	2021258027	Wonderland Switzerland AG
2020342371	Baker Hughes Oilfield Operations LLC	2021258051	Fisher & Paykel Healthcare Limited
2020346736	Lantech.com, LLC	2021261924	Converter Manufacturing, LLC
2020349369	LG ELECTRONICS INC.	2021269396	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California
2020353033	Dongguan Amperex Technology Limited	2021269426	Namvar, K.
2020354500	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.	2021269451	Specleipse Inc
2020371005	Korea Research Institute of Chemical Technology; FarmHannong Co., Ltd.	2021273287	Detnet South Africa (Pty) Ltd
2020374919	Dongbao Purple Star (Hangzhou) Biopharmaceutical Co., Ltd.	2021273612	TransMedics, Inc.
2020377991	University of Georgia Research Foundation, Inc.; University of North Carolina at Chapel Hill	2021276459	Nouryon Chemicals International B.V.
2020378461	Neuboron Therapy System Ltd.	2021282472	F. Hoffmann-La Roche AG
2020386822	LG Electronics Inc.	2021286362	eSAT Global Inc.
2020389525	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2021286444	Precision Planting LLC
2020391549	WILUS INSTITUTE OF STANDARDS AND TECHNOLOGY INC.	2021287112	Kabushiki Kaisha EarthTechnica
2020392151	LG Electronics Inc.	2021290220	Calgon Carbon Corporation
2020393677	LG Electronics Inc.	2021290226	Ospedale San Raffaele S.r.l.; Fondazione Telethon
2020396658	LG Electronics Inc.	2021290283	AxoGen Corporation
2020408342	GlaxoSmithKline Consumer Healthcare Holdings (US) LLC	2021290361	Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.
2020421463	International Business Machines Corporation	2021290382	Sage Therapeutics, Inc.
2020422557	Hycet Transmission System (Jiangsu) Co., Ltd. Baoding Research and Development Branch	2021290396	LG Electronics Inc.
2020423724	JFE Engineering Corporation	2021291706	International Business Machines Corporation
2020427793	Nokia Technologies Oy	2021302874	Cordio Medical Ltd.
2020433244	Shangrao Xinyuan YueDong Technology Development Co. Ltd	2021306651	Pellenc Selective Technologies
2020436036	LG Electronics Inc.	2021308027	Beijing Bytedance Network Technology Co., Ltd.
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2020437982	Japan Lifeline Co., Ltd.	2021308328	International Business Machines Corporation
2020439818	Saga University; Kyocera Corporation	2021309099	Lyondellbasell Advanced Polymers Inc.
2020441234	Halliburton Energy Services, Inc.	2021310481	Pizza Spice Packet LLC
2020444066	Mitsubishi Electric Corporation	2021333558	Disarm Therapeutics, Inc.
2020459543	Bechtel Energy Technologies & Solutions, Inc.	2021337124	AMEX SANIVAR AG
2020470348	Contemporary Amperex Technology Co., Limited	2021341465	Hitachi Zosen Inova AG
2021200708	Spraying Systems Co.	2021343677	Daikin Industries, Ltd.; Daikin Europe N.V.
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2021201668	BioMadison, Inc.	2021349381	APPLE INC.
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2021204689	Nemaska Lithium Inc.	2022200338	Aristocrat Technologies Australia Pty Limited
2021204983	Koninklijke Nederlandse Akademie van Wetenschappen	2022200518	Federal Cartridge Company
2021205268	Kinze Manufacturing, Inc.	2022200768	Snap-on Incorporated
		2022200859	M. Technique Co., Ltd.
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		2022201036	Apple Inc.
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		<u>A23J 1 /-</u>	2019271771	2018279941	2021206651
2021286444				2021208915	<u>A61K 47 /-</u>
				2021227095	2017281389
<u>A01C 5 /-</u>	2019252178	<u>A45F 3 /-</u>	2018378810	2021254650	2017336251
			2019334109	2021282472	2018231789
2021286444		<u>A23J 3 /-</u>	2019217216	2019476916	2018279977
				2020317807	2019239544
<u>A01C 7 /-</u>	2019252178	<u>A47C 19 /-</u>	2018332972	2020324822	2019358249
				2021302874	2019374190
2021205268		<u>A23K 20 /-</u>	2018260292	2022204928	202202967
				2023201284	2022203515
<u>A01D 34 /-</u>	2018260292	<u>A47D 15 /-</u>	2018332972	2022203809	2021227095
				2022291413	2022221482
2019200609		<u>A47D 9 /-</u>	2018260292	2020245640	2023200189
					2022252699
<u>A01F 29 /-</u>		<u>A23K 50 /-</u>	2018332972	<u>A61B 6 /-</u>	<u>A61K 48 /-</u>
2019200609				2018378810	2017326174
				2017227308	2017355504
<u>A01G 18 /-</u>	2018260292	<u>A47G 27 /-</u>	2018204773	<u>A61B 90 /-</u>	2019252878
				2017355218	
2022202166		<u>A23L 2 /-</u>	2018306467	2020245640	<u>A61K 6 /-</u>
				2017412642	
<u>A01K 11 /-</u>	2018382355	<u>A47G 9 /-</u>	20182202182	2018227801	
			2020294103	<u>A61C 1 /-</u>	2018247928
2019253883		<u>A23L 23 /-</u>	2018382355	2018235962	2019252878
				2021204983	<u>A61K 8 /-</u>
<u>A01K 29 /-</u>		<u>A47L 11 /-</u>	2020436036	<u>A61C 13 /-</u>	2018265522
2018200724				2023255046	2019211008
		<u>A23L 27 /-</u>	<u>A47L 9 /-</u>	<u>A61K 36 /-</u>	2019239606
<u>A01K 43 /-</u>	2022202182	2020393677		2018231789	2021247307
		2020396658		2020296604	2022224698
2018219151		<u>A23L 29 /-</u>	2020436036	2022291413	<u>A61K 9 /-</u>
<u>A01K 67 /-</u>	2018316501	<u>A61B 1 /-</u>	<u>A61B 1 /-</u>	<u>A61K 38 /-</u>	2017281389
2021240324	2023255046	2018345516		2016391970	2017336251
		<u>A23L 33 /-</u>	2018378810	2018290821	2018291078
<u>A01N 1 /-</u>		2018316501	2021244308	2017227308	2018386568
2021273612		2018306467		2017336251	2019239544
		2018316501	<u>A61B 10 /-</u>	2017412642	2019358249
<u>A01N 37 /-</u>	2020296604	2020296604		2018227801	2020408342
		2023255046	<u>A61F 5 /-</u>	2018247928	2021227095
2022203809		2018279941	2019240258	2018346681	2021282472
		2019240258	2018265522	2019252527	2022202842
<u>A01N 43 /-</u>		<u>A23L 7 /-</u>	2019476916	<u>A61F 7 /-</u>	<u>A61L 2 /-</u>
2020371005				2022203264	
		<u>A61B 17 /-</u>	2021204227	2022231665	
<u>A23C 1 /-</u>		<u>A41B 3 /-</u>	2018345516	<u>A61K 39 /-</u>	2022204394
		2018378810	<u>A61G 17 /-</u>		
2021200708	2018323207	2021290283	2018200724	2017281389	<u>A61L 27 /-</u>
		2022202644		2017316663	2021290283
<u>A23C 21 /-</u>		<u>A41D 1 /-</u>	2022235568	<u>A61K 31 /-</u>	2022224781
				2018247928	
2019252178	2021204227	<u>A61B 18 /-</u>	2017376950	2018286984	<u>A61M 1 /-</u>
			2017412642	2019269131	
<u>A23D 7 /-</u>		<u>A41F 1 /-</u>	2018345516	2019374190	2018279941
			2021269451	2020299074	2022283781
2018382355		2021204227		2021206895	
		<u>A61B 3 /-</u>	2018338098	2021240324	<u>A61M 11 /-</u>
<u>A23F 5 /-</u>		<u>A43B 17 /-</u>	2018360827	2022231665	
			2018386568	2018390132	
2018316501	2019379426	2021221240	2018390132	2022252699	2018391780
2018382355		<u>A61B 34 /-</u>	2019239544	<u>A61K 45 /-</u>	<u>A61M 15 /-</u>
			2019303986		
<u>A23G 9 /-</u>	2019379426	2018345516	2019345706	2017227308	2018356925
		2018378810	2020296604	2018390132	2018391780
2018382355			2020374919	2019448656	
			2020377991	2020408342	

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<u>A61M 16 /-</u>	<u>A61P 27 /-</u>	<u>A61Q 5 /-</u>	<u>B01L 3 /-</u>	2018253406	<u>B60Q 9 /-</u>
2018391780	2017385274	2021247307	2018279941	<u>B29C 70 /-</u>	2019210164
2021250983	2019358249	<u>A62B 18 /-</u>	<u>B02C 17 /-</u>	2021309099	<u>B60R 16 /-</u>
2021258051	<u>A61P 29 /-</u>	2021258051	2018329974	<u>B29D 11 /-</u>	2019210164
<u>A61M 21 /-</u>	2019345706	2022204928	<u>B02C 2 /-</u>	2019213691	<u>B60W 10 /-</u>
2018299215	2023255046	<u>A62B 23 /-</u>	2021287112	<u>B31F 1 /-</u>	2020422557
<u>A61M 25 /-</u>	<u>A61P 3 /-</u>	2022204928	<u>B03C 1 /-</u>	2021249695	<u>B60W 20 /-</u>
2018374360	2023255046	<u>A62B 7 /-</u>	2022221520	<u>B32B 17 /-</u>	2020422557
2019215010	<u>A61P 31 /-</u>	2022204928	<u>B05B 11 /-</u>	2019202923	<u>B60W 40 /-</u>
2020437982	2017326922	<u>A62B 9 /-</u>	2018391780	<u>B32B 25 /-</u>	2019476916
2022201785	2020299074	2022204928	<u>B07C 5 /-</u>	2018256472	2022201977
<u>A61M 27 /-</u>	2020408342	<u>A63B 33 /-</u>	2021306651	<u>B32B 27 /-</u>	<u>B61D 15 /-</u>
2022283781	2022231665	<u>A61P 33 /-</u>	2021258051	2023200617	2018200100
<u>A61M 3 /-</u>	<u>A61P 35 /-</u>	2022200338	<u>B08B 3 /-</u>	2018204773	<u>B61K 13 /-</u>
2018291078	2018386568	<u>A61P 35 /-</u>	<u>B01D 11 /-</u>	2018202422	2018200100
<u>A61M 39 /-</u>	2017227308	<u>B01D 1 /-</u>	<u>B09B 3 /-</u>	2022201785	<u>B61L 1 /-</u>
2019215010	2017281389	<u>B01D 33 /-</u>	<u>B09C 1 /-</u>	2021249695	2022209303
2021250983	2017412642	2021200708	<u>B22F 3 /-</u>	<u>B32B 3 /-</u>	<u>B62B 7 /-</u>
2022201785	2018338098	<u>B01D 11 /-</u>	2020259338	2021249695	2022201977
<u>A61M 5 /-</u>	2018360827	<u>B01D 46 /-</u>	<u>B09C 5 /-</u>	2018204773	2021258027
2019269131	2019245706	<u>A61P 37 /-</u>	<u>B25B 9 /-</u>	2020259338	<u>B63B 35 /-</u>
2019345706	2020299074	2022291413	<u>B01D 46 /-</u>	2018204773	2020300343
2018374360	2021282472	<u>B01D 33 /-</u>	<u>B25B 9 /-</u>	<u>B60B 33 /-</u>	2018204773
2019287378	2021373162	2018303840	<u>B01D 1 /-</u>	2021350813	2020300343
2020437982	2022202967	<u>B01D 46 /-</u>	<u>B25J 11 /-</u>	2018332972	<u>B63B 39 /-</u>
2022201785	2022204681	<u>B01D 46 /-</u>	<u>B25B 9 /-</u>	<u>B60J 5 /-</u>	2020300343
2022204394	<u>A61P 37 /-</u>	2020332844	<u>B01D 46 /-</u>	2017265065	2020300343
2022275491	2017227308	<u>B01D 53 /-</u>	<u>B25J 11 /-</u>	<u>B60K 11 /-</u>	<u>B63B 49 /-</u>
2023201284	2018247928	<u>B01D 53 /-</u>	2022200768	2018203973	<u>B63B 51 /-</u>
<u>A61N 1 /-</u>	2019345706	<u>B01D 61 /-</u>	<u>B25C 1 /-</u>	<u>B60L 1 /-</u>	2023201175
2018403776	<u>A61P 43 /-</u>	2021290220	<u>B25J 11 /-</u>	<u>B60K 11 /-</u>	<u>B63B 51 /-</u>
2021204227	2022442104	<u>B01D 61 /-</u>	<u>B25J 11 /-</u>	2018203973	<u>B63B 51 /-</u>
<u>A61N 5 /-</u>	2017227308	<u>B01D 61 /-</u>	<u>B25J 11 /-</u>	<u>B60L 1 /-</u>	2023201175
2019303986	2018373507	<u>A61P 5 /-</u>	2020436036	2019210164	<u>B63B 75 /-</u>
2020378461	2021204689	2022275491	<u>B25J 19 /-</u>	<u>B60L 50 /-</u>	2020300343
<u>A61P 11 /-</u>	2023200189	<u>B01D 69 /-</u>	2020436036	2020353033	2020300343
2018346681	<u>A61Q 15 /-</u>	2019205299	<u>B25J 5 /-</u>	2022228144	<u>B63H 20 /-</u>
2019448656	2021247307	<u>B01D 69 /-</u>	2020436036	2020353033	<u>B63H 20 /-</u>
<u>A61P 19 /-</u>	<u>A61Q 17 /-</u>	2019205299	<u>B26B 21 /-</u>	2022228144	<u>B63H 21 /-</u>
2020374919	2019239606	<u>B01J 19 /-</u>	<u>B26B 21 /-</u>	<u>B60P 3 /-</u>	2022204915
2022221482	<u>A61Q 17 /-</u>	2019205299	<u>B26B 21 /-</u>	<u>B60P 3 /-</u>	2022204915
<u>A61P 21 /-</u>	<u>A61Q 19 /-</u>	<u>B01J 19 /-</u>	2021255960	2019210164	<u>B64C 3 /-</u>
2020296604	2019211008	2022256206	<u>B28C 5 /-</u>	<u>B60P 7 /-</u>	2018256472
<u>A61P 25 /-</u>	2021247307	<u>B01J 2 /-</u>	2018253406	2017265065	<u>B65B 11 /-</u>
2017385274	2022224698	2018355156	<u>B29C 51 /-</u>	<u>B60Q 3 /-</u>	2020346736
2017423466	<u>A61Q 3 /-</u>	<u>B01J 20 /-</u>	2021261924	2019210164	<u>B65B 5 /-</u>
2021206651	2018265522	2019211004	<u>B29C 67 /-</u>	2023200617	
2021333558					

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<u>B65B 55 /-</u>	<u>B82Y 30 /-</u>	2019202923	2021206651	<u>C07H 21 /-</u>	<u>C08H 8 /-</u>
2022204394	2018256472	<u>C04B 111 /-</u>	2021208915	2017376950	2018389968
		2018253406	2021333558	2022203515	2021204521
<u>B65B 57 /-</u>	<u>C01B 13 /-</u>	2018253406	2022204681	<u>C07J 43 /-</u>	<u>C08J 3 /-</u>
2023200617	2018373507	<u>C04B 14 /-</u>	<u>C07D 403 /-</u>	2021290382	2018355156
	2022200859	2018253406	2022203515		<u>C08J 9 /-</u>
<u>B65B 59 /-</u>	<u>C01B 3 /-</u>	<u>C04B 26 /-</u>	<u>C07D 405 /-</u>		2019249959
2023200617	2022221398	2018253406	2020377991	2019252178	
<u>B65D 1 /-</u>	2022256206	<u>C04B 28 /-</u>	2021206651	2022252699	<u>C08L 5 /-</u>
2019217216	<u>C01B 32 /-</u>	2018253406	<u>C07D 409 /-</u>	<u>C07K 14 /-</u>	2019208401
2021261924				2017326174	<u>C08L 51 /-</u>
<u>B65D 5 /-</u>	2022256206	<u>C07C 229 /-</u>	2020374919	2017355218	2019213691
	2023274245		2021206651	2017371402	
2021310481	<u>C01B 33 /-</u>	2019273028	<u>C07D 413 /-</u>	2017385274	<u>C08L 63 /-</u>
<u>B65D 50 /-</u>	2019262079	<u>C07C 269 /-</u>	2019345706	2018286984	2021309099
	2019262080		2021206651	2018346681	
2021310481		2019407816	2021333558	2019252878	<u>C08L 67 /-</u>
<u>B65D 55 /-</u>	<u>C01D 15 /-</u>	<u>C07C 57 /-</u>	<u>C07D 415 /-</u>	2019374190	2021309099
	2018373507			2021201668	
2021310481	2021204689	2021269396	2019260644	2022203264	<u>C08L 75 /-</u>
<u>B65D 81 /-</u>	<u>C01F 7 /-</u>	<u>C07C 59 /-</u>	<u>C07D 417 /-</u>	2022231665	2019249959
2019217216	2018373507	2018360827	2021206651	2022252699	
		2021269396		<u>C07K 16 /-</u>	<u>C09C 1 /-</u>
<u>B65D 83 /-</u>	<u>C01G 45 /-</u>	<u>C07C 7 /-</u>	<u>C07D 471 /-</u>	2016383475	2022200859
2023200275	2018373507	2021290220	2019220632	2017316663	<u>C09C 3 /-</u>
<u>B65D 85 /-</u>	<u>C01G 49 /-</u>	<u>C07C 9 /-</u>	2019303986	2017326922	2022200859
2023200275	2022200859		2020377991	2017385274	
<u>B65G 1 /-</u>	<u>C01G 51 /-</u>	<u>C07D 209 /-</u>	2021206651	2019269131	<u>C09D 11 /-</u>
2018219901	2018373507		2021208915	2019374190	
2021227695		2021269396	2022202967	2020217316	2019334109
2021227696	<u>C01G 53 /-</u>	<u>C07D 241 /-</u>	2022204681	2022252699	<u>C09J 175 /-</u>
2022203237				<u>C07K 19 /-</u>	2018204773
<u>B65G 27 /-</u>	2018373507	2022204681	2018338098	2016391970	2019407816
			2021250993	2017385274	
2018303840	<u>C01G 9 /-</u>	<u>C07D 255 /-</u>	2021373162	2019252878	<u>C09J 5 /-</u>
			2023200189	2022203782	2018204773
<u>B66C 1 /-</u>	2022200859	2020423724	<u>C07D 491 /-</u>	<u>C08B 16 /-</u>	<u>C09J 7 /-</u>
2018382215	<u>C02F 1 /-</u>	<u>C07D 257 /-</u>	2021206651	2019312160	2018204773
	2019211004		2022204681		
<u>B66C 13 /-</u>	<u>C02F 101 /-</u>	<u>C07D 277 /-</u>	<u>C07D 495 /-</u>	2019208401	2019334109
2018382215					
<u>B66C 23 /-</u>	2019211004	2019260644	2020374919	<u>C08G 101 /-</u>	<u>C09K 5 /-</u>
2018382215	<u>C02F 9 /-</u>	<u>C07D 307 /-</u>	2021250993		
	2019211004			2019236116	2018373915
<u>B66D 1 /-</u>	<u>C03B 3 /-</u>	2020374919	<u>C07D 498 /-</u>	2019249959	
2023202702				2019236116	2020441234
<u>B66F 3 /-</u>	2019385248	<u>C07D 333 /-</u>	<u>C07F 7 /-</u>	2019249959	2021276459
			2020423724		
2017390813	<u>C03B 5 /-</u>	2020374919	<u>C07F 9 /-</u>	<u>C08G 71 /-</u>	<u>C10L 3 /-</u>
<u>B66F 9 /-</u>	2019385248	<u>C07D 401 /-</u>		2019407816	2021290220
<u>B66F 10 /-</u>	<u>C03C 10 /-</u>	2018360827	2022291413		<u>C12N 1 /-</u>
2021227695		2020371005	2023203007		
		2020377991			

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2021204521	2021204689	<u>D06F 73 /-</u>	<u>E21B 47 /-</u>	<u>F16K 31 /-</u>	<u>F24F 3 /-</u>
2023255046		<u>C22B 3 /-</u>		2020342371	2023200008
C12N 15 /-				2021251034	2021343677
	2019262079	2022202728			
2017326174	2019262080	<u>D06M 11 /-</u>	<u>E21B 49 /-</u>	<u>F16K 51 /-</u>	<u>F25B 13 /-</u>
2017355218	2020423724			2022201785	
2017355504	2021204689	2018256472	2018352983		2021343677
2017376950				<u>F16L 1 /-</u>	
2017385274	<u>C22B 34 /-</u>	<u>D06N 3 /-</u>	<u>F02D 29 /-</u>		<u>F25D 11 /-</u>
2018320864				2018209072	
2019252878	2020423724	2018204773	2021215197		2021308238
2019313162				<u>F16L 41 /-</u>	<u>F25D 29 /-</u>
2019374190	<u>C22C 1 /-</u>	<u>D06N 7 /-</u>	<u>F02F 11 /-</u>	2018209072	
2020299074					2021308238
2021204166	2021350813	2018204773	2018202422	<u>F16L 55 /-</u>	
2021204521					<u>F25D 3 /-</u>
2021290226	<u>C22C 14 /-</u>	<u>D21C 9 /-</u>	<u>F02M 37 /-</u>	2021337124	
2022201166					2019217216
	2021350813	2019312160	2021215197	<u>F16M 13 /-</u>	
C12N 5 /-	<u>C22C 29 /-</u>	<u>D21H 15 /-</u>	<u>F03B 13 /-</u>		<u>F25D 31 /-</u>
2017326174	2018379389	2021249695	2021242147	2020245640	2019217216
2017371402				<u>F16S 1 /-</u>	
2017385274	<u>C22C 33 /-</u>	<u>D21H 21 /-</u>	<u>F03B 7 /-</u>		<u>F25J 1 /-</u>
2018227801				2018323207	
2019252527	2018379389	2021249695	2018207025	<u>F17C 6 /-</u>	2020459543
2019252878					<u>F26B 21 /-</u>
2021204983	<u>C22C 37 /-</u>	<u>D21H 27 /-</u>	<u>F03D 13 /-</u>	2020459543	
2022203264					2020332844
C12N 9 /-	<u>C22C 38 /-</u>	<u>E01B 26 /-</u>		<u>F17C 9 /-</u>	<u>F26B 25 /-</u>
2016391970			<u>F04B 19 /-</u>	2020459543	
2017306676	2018200476	2018200100			2021200708
2017322374			<u>F21V 23 /-</u>		<u>F26B 3 /-</u>
2018320864	<u>C25B 1 /-</u>	<u>E01B 29 /-</u>	2022275491	2020245640	
2019252527					2021200708
2022201166	2018373507	2018353940	<u>F04B 53 /-</u>		
C12P 21 /-	<u>C25B 11 /-</u>	<u>E01B 37 /-</u>	2018200476	<u>F21V 33 /-</u>	<u>F26B 5 /-</u>
2022252699	2022218533	2018200100		2018332972	
C12Q 1 /-	<u>C25B 15 /-</u>	<u>E01B 9 /-</u>	<u>F16B 11 /-</u>	<u>F23C 99 /-</u>	<u>F28D 1 /-</u>
2017355218					
2021201668	<u>C25B 3 /-</u>	<u>E04B 1 /-</u>	2023218297	2020259338	<u>F23G 7 /-</u>
2021204166					<u>F28D 21 /-</u>
C12R 1 /-	2022218533	2023218297	<u>F16B 35 /-</u>		
2023255046				<u>F23H 1 /-</u>	
C13K 1 /-	<u>C25C 1 /-</u>	<u>E04G 11 /-</u>	2023218297		<u>F28D 7 /-</u>
2022202182				2021341465	
C13K 13 /-	2021204166	2018288296	<u>F16B 39 /-</u>	<u>F23H 17 /-</u>	
2022202182					<u>F28F 1 /-</u>
C21D 5 /-	<u>D04H 3 /-</u>	<u>E05B 47 /-</u>	2018354572	2018202422	
2018379389					
	<u>D06F 37 /-</u>	<u>E21B 34 /-</u>	2023218297	2021341465	
C22B 1 /-					
	2021290396	2021251034	<u>F16B 9 /-</u>	<u>F23H 7 /-</u>	
2021204689					<u>F42B 10 /-</u>
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		2020441234			
2019262079		<u>D06F 71 /-</u>	2021251034	<u>F24F 140 /-</u>	
2019262080		2021276459	2018214168		<u>F42D 1 /-</u>
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2019224932	2023200069	2023201736	2018399218	<u>H02J 1 /-</u>	<u>H04B 7 /-</u>
					2018433605
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2018399218		<u>G06F 21 /-</u>	<u>H01M 4 /-</u>	2020444066	2023200069
2021286444					
2023255046	2021308328	2018351525 2019263700 2019374875	2019273941 2023274245	<u>H02K 11 /-</u>	<u>H04L 27 /-</u>
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2022204915	2018433605	<u>G07C 5 /-</u>	2021309099 2021349359	<u>H02K 5 /-</u>	<u>H04L 9 /-</u>
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2018351525	2022200338	<u>G07C 9 /-</u>	<u>H01M 8 /-</u>	<u>H02M 1 /-</u>	<u>H04M 3 /-</u>
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2019253883	2023201920				
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2019213691	<u>G06N 10 /-</u>	<u>G10L 13 /-</u>	<u>H01R 31 /-</u>	<u>H02P 25 /-</u>	2020391549 2020392151
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		2021290361		2021215197	

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2018256472

Certified Innovation Patents**Name Index**

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

(71) Drewett, B.
(11) AU-B-2023100058
(21) 2023100058 (22) 20.06.2023
(54) VOID FORMER FOR USE IN FORMING VOIDS IN CONCRETE STRUCTURES
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(45) 22.02.2024
(62) 2018100286
(72) Drewett, Ben
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) RUTH CONSOLIDATED INDUSTRIES PTY LTD
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(72) VOGELS, Anthony Maria
(74) AJ PARK

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2019100029 RUTH CONSOLIDATED INDUSTRIES PTY LTD
2023100058 Drewett, B.

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2023100058

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2017320901	ProQR Therapeutics II B.V. (Wrays Solutions Pty Ltd)
2017326423	ModernaTX, Inc. (Seqirus Inc.)
2022202540	Miles, S. (Clearview Towing Mirrors Pty Ltd)

Patents Granted**Standard Patents**

2016334051	2016349577	2016426598	2017202740
2017271122	2017286980	2017288944	2017294685
2017295442	2017326329	2017341067	2017344297
2017361264	2017371713	2017382946	2017425706
2017438990	2018200590	2018201327	2018201943
2018202263	2018203236	2018203324	2018204215
2018206712	2018207216	2018208078	2018220906
2018224336	2018228755	2018230122	2018230449
2018231368	2018232564	2018235354	2018239258
2018241915	2018242139	2018243360	2018244803
2018250723	2018251619	2018255192	2018264670
2018264843	2018265195	2018268340	2018272281
2018272330	2018273830	2018276096	2018278694
2018280170	2018280333	2018283025	2018290235
2018292381	2018295448	2018303194	2018303466
2018305656	2018308185	2018310750	2018313841
2018326396	2018326653	2018328766	2018331966
2018333084	2018333111	2018337912	2018338067
2018348025	2018348780	2018354338	2018367059
2018376727	2018377974	2018379578	2018383708
2018383740	2018385875	2018387201	2018390366
2018395041	2018402162	2018403272	2018408266
2018427122	2019207656	2019208785	2019228627
2019246767	2019269104	2019275720	2019294141
2019301656	2019309934	2019325436	2019337776
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2022204452	2022204858	2022204875	2022204892
2022213551	2022215211	2022218636	2022226072
2022235527	2022259756	2022268396	2022271476
2022316521	2022325172	2022335159	2023200911
2023201562	2023202155	2023203463	2023212604
2023229568	2023229615	2023233200	

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2018102254	2020104497	2020104498	2024100002
2024100003			

Assignments Registered

2004227475	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2005200514	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2005201311	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2005250503	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2005250504	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2005270091	Rhodia, Inc.	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2005321478	Rhodia Chimie	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2006315513	Rhodia Inc.	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2007245029	Rhodia Inc.	The patent has been assigned to SPECIALTY OPERATIONS FRANCE
2007288182	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2007342521	Allied Healthcare Products, Inc.	The patent has been assigned to Allied Medical, LLC
2008207562	Mitsubishi Heavy Industries Engineering, Ltd.	The patent has been assigned to Mitsubishi Heavy Industries, Ltd.
2008216938	Akloma BioScience AB	The patent has been assigned to LICFOR Bioscience S.A.
2009230740	Mitsubishi Heavy Industries Engineering, Ltd.	The patent has been assigned to Mitsubishi Heavy Industries, Ltd.
2009230804	Mitsubishi Heavy Industries Engineering, Ltd.	The patent has been assigned to Mitsubishi Heavy Industries, Ltd.
2009251187	Mitsubishi Heavy Industries Engineering, Ltd.	The patent has been assigned to Mitsubishi Heavy Industries, Ltd.
2009256991	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd
2009275063	Mitsubishi Heavy Industries Engineering, Ltd.	The patent has been assigned to Mitsubishi Heavy Industries, Ltd.
2009343524	Mitsubishi Heavy Industries Engineering, Ltd.	The patent has been assigned to Mitsubishi Heavy Industries, Ltd.
2009347587	Hitachi Energy Switzerland AG	The patent has been assigned to Hitachi Energy Ltd

Assignments Registered

2009355281 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2009356456 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2010202987 Sum Insured Pty Limited The patent has been assigned to **Land Services SA Operating Pty Ltd**

2010291222 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2010337656 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2010344989 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2010360603 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2011201508 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2011218614 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2011259873 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2011284040 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2011291337 Rhodia (China) Co., Ltd. The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2011301986 Allied Healthcare Products, Inc. The patent has been assigned to **Allied Medical, LLC**

2011362347 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2011364036 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2011370736 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

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2012201488 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2012219663 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2012245083 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2012264701 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2012302193 Allied Healthcare Products, Inc. The patent has been assigned to **Allied Medical, LLC**

2012304846 Allied Healthcare Products, Inc. The patent has been assigned to **Allied Medical, LLC**

2012311554 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2012337260 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

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2013201825 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2013224661 Rhodia Inc. The patent has been assigned to **SPECIALTY OPERATIONS FRANCE**

2013228777 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2013264029 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2013271336 Agrawal, Gaurav The patent has been assigned to **Centre for Digestive Diseases**

2013275381 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2013284667 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2013286233 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

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2013300659 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2013307521 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2013313605 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2013319191 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2013333051 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2013347028 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2013351364 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2013358448 DENSO CORPORATION; KYOTO UNIVERSITY The patent has been assigned to **DENSO CORPORATION**

2013361806 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2013376448 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2013394122 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2013396770 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2014202564 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2014203221 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2014205989 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014217158 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014219916 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014227165 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2014227218 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014240209 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014240212 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014240214 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2014246942 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2014257302 Medovex Corp. The patent has been assigned to **Medovex, LLC**

2014296613 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2014308188 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2014335404 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2015235196 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2015273825 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2015286248 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

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2015298241 Medovex Corp. The patent has been assigned to **Medovex, LLC**

2015344540 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2015371617 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2016202127 ACV Auto Tool Company Pty Limited The patent has been assigned to **TQB Brands Pty Ltd**

Assignments Registered

2016246598 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2016342039 Teclison Limited The patent has been assigned to **Teclison, Inc.**

2016386524 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2016386569 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2017213265 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2017354503 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018211774 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018214922 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018216442 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018308959 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018308960 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018352740 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018352750 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018359259 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2018359289 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019205969 Medovex Corp. The patent has been assigned to **Medovex, LLC**

2019226763 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019261031 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019348323 Hosch Fördertechnik GmbH The patent has been assigned to **Kill-Frech, Cornelia**

2019356719 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019356720 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019356722 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019358744 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019358745 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

Assignments Registered

2019368954 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2019434295 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2019434963 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2019440229 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2019440423 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2020210266 Boehringer Ingelheim Animal Health USA Inc. The patent has been assigned to **Boehringer Ingelheim Vetmedica GmbH**

2020240655 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2020241484 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2020255443 Mitsubishi Heavy Industries Engineering, Ltd. The patent has been assigned to **Mitsubishi Heavy Industries, Ltd.**

2020267016 Hitachi Energy Switzerland AG The patent has been assigned to **Hitachi Energy Ltd**

2021100535 Hua Shi Jia Neng (Guangdong) Technology Co., LTD
The patent has been assigned to **Huaxin Chuangneng (Guangdong) Technology Co., Ltd**

2021100636 Hua Shi Jia Neng (Guangdong) Technology Co., LTD.
The patent has been assigned to **Huaxin Chuangneng (Guangdong) Technology Co., Ltd**

2021209041 Riddle's Dehi & Chemical Services Co. Inc. dba E&P Services Group The patent has been assigned to **Pig Sweep, LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Refused

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

2020204254 **Pfizer Inc.**

The earliest first regulatory approval date provided by the patentee 02 Dec 2022

For the goods Prevenar pneumococcal purified capsular polysaccharides

Extensions granted

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

2014223973 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2023

For the goods SUNLENCA lenacapavir

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2038

2016308567 **Janssen Biotech, Inc.**

The earliest first regulatory approval date provided by the patentee 14 Jun 2023

For the goods TECVAYLI teclistamab

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Extensions granted

Extension of Term of patent pursuant to Section 77 expires on 14 Jun 2038

2017312102 **Gilead Sciences, Inc.**

The earliest first regulatory approval date provided by the patentee 27 Mar 2023

For the goods SUNLENCA lenacapavir

Extension of Term of patent pursuant to Section 77 expires on 27 Mar 2038

Corrigenda

In Vol 33 , No 8 , Page(s) 1194 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name President And Fellows Of Harard College, Application No. 2017306676, under INID (71) correct the applicant name to President And Fellows Of Harvard College

In Vol 35 , No 49 , Page(s) 9569 under the heading **PCT applications that have entered the National Phase - Name Index** Under the name LivePerson, Inc., Application No. 2020290434, under INID (72) add co-inventor LADER, Andrew

In Vol 57 , No 34 , Page(s) 4987 under the heading **Applications Accepted - Name Index** Under the name LivePerson, Inc., Application No. 2020290434, under INID (72) add co-inventor LADER, Andrew

In Vol 58 , No 6 , Page(s) 755 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2023** Delete all reference to 2023270245.

Specifications Republished

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

2016314781	Bigg, S.
2018222777	Vaximm AG
2018355671	Umicore
2021201350	Immatics Biotechnologies GmbH
2021329439	Weir Slurry Group, Inc.
2022210988	VIKING THERAPEUTICS, INC.
2022223531	JANSSEN BIOTECH, INC.
2022223712	SANOFI PASTEUR INC.
2022226999	LUNG THERAPEUTICS, INC.
2022227650	ARTISAN DEVELOPMENT LABS, INC.
2022229993	CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD.
2022234797	VENN BIOSCIENCES CORPORATION
2022234894	MOLECULAR PARTNERS AG
2022236461	HEIDELBERG PHARMA RESEARCH GMBH
2022236877	ICOSAGEN CELL FACTORY OÜ
2022238492	INTERGALACTIC THERAPEUTICS, INC.
2022238884	SEVEN BRIDGES GENOMICS INC.
2022239502	MERCK SHARP & DOHME LLC
2022239561	EXCEPGEN INC.
2022239614	TRAINED THERAPEUTIX DISCOVERY, INC.; ICAHN SCHOOL OF MEDICINE AT MOUNT SINAI
2022240747	FLAGSHIP PIONEERING INNOVATIONS VI, LLC
2022241654	JUNO THERAPEUTICS, INC.
2022241923	PRIAVOID GMBH

Specifications Republished

2022242012	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS; UNIVERSITÄT HEIDELBERG
2022242698	DEUTSCHES KREBSFORSCHUNGSZENTRUM STIFTUNG DES ÖFFENTLICHEN RECHTS
2022242740	DUKE UNIVERSITY
2022243562	THE GENERAL HOSPITAL CORPORATION
2022244477	BONE SCI. BIO LTD.
2022245141	NOVAVAX, INC.
2022245322	ONCXERNA THERAPEUTICS, INC.
2022245366	IOSBIO LTD
2022245991	BIOCONSORTIA, INC.
2022246164	ABCURO, INC.
2022246948	IMMUNOME, INC.
2022247196	IPSEN BIOPHARM LIMITED
2022247325	BIOMX LTD.
2022247419	BIOLOGICAL E LIMITED
2022247468	PIXELGEN TECHNOLOGIES AB
2022249024	SYNGENTA CROP PROTECTION AG
2022251159	FELDAN BIO INC.
2022253223	CENTURY THERAPEUTICS, INC.
2022253888	ABBVIE BIOTHERAPEUTICS INC.
2022254291	BYONDIS B.V.
2022254666	DEBUT BIOTECHNOLOGY, INC.
2022255166	CENTURY THERAPEUTICS, INC.
2022255908	INNATE PHARMA
2022256793	KEYGENE N.V.
2022261074	REGENERON PHARMACEUTICALS, INC.
2022268652	GENMAB A/S
2022270207	AGENUS INC.
2022270611	ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE
2022270880	MERCK PATENT GMBH
2022291522	Apple Inc.
2022301525	PHARMISTA TECHNOLOGIES AB
2022307747	EVAXION BIOTECH A/S
2022308051	SWITCH THERAPEUTICS INC.
2022308733	CIBUS EUROPE B.V.
2022309236	UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.