



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

Sales

Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

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

(44) Date of publication by printing or similar process of a document, on which grant, or certification has taken place on or before the said date.

(50) Technical Information

(51) International Patent Classification

(52) Domestic or national classification

(54) Title of invention

(56) List of prior art documents, if separate from descriptive text

(57) Abstract or claim

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

(60) Related by cognate(s).

(61) Related by addition(s).

(62) Related by division(s).

(70) Identification of parties concerned with the document

(71) Name(s) of applicant(s)

(72) Name(s) of inventor(s) if known to be such

(74) Name(s) of attorney(s) or agent(s)

(75) Name(s) of inventor(s) who is (are) also applicant(s)

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

(86) PCT Application Number

(87) PCT Publication Number

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

(2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.

(3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

(4) There is a gap in volume numbering of the Australian Official Journal of Patents. The volumes are:

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

Proceedings under the Patents Act 1990

Provisional Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jul 2023 .

(71) Aculeus Therapeutics Pty Ltd (21) 2023902281 (22) 17.07.2023 (54) ENPP1 modulators	(71) Brown, R. (21) 2023902310 (22) 20.07.2023 (54) A wearable race walking rules compliance detection system	(71) Devera, J. (21) 2023902313 (22) 20.07.2023 (54) SYSTEM AND METHOD FOR OBTAINING AND MAINTAINING LEGAL COMPLIANCE FOR BUSINESS OPERATIONS
(71) Adelaide Ventures PTY LTD (21) 2023902321 (22) 21.07.2023 (54) Formulation of an ingestible consumer product that combines Psyllium Husk and Aloe Vera	(71) Carbelec Pty Ltd (21) 2023902324 (22) 21.07.2023 (54) ELECTROLYSIS OF CARBON DIOXIDE TO SOLID CARBON	(71) DIGNEY, D. (21) 2023902312 (22) 20.07.2023 (54) Material processing
(71) AGSENSIO PTY LTD (21) 2023902325 (22) 21.07.2023 (54) Changeable gain antenna and methods for changing antenna gain.	(71) Carbelec Pty Ltd (21) 2023902327 (22) 21.07.2023 (54) Low temperature CO2 reduction	(71) donoteat research (21) 2023902340 (22) 21.07.2023 (54) Automated algorithm and data model to facilitate finding counter-parties for trade
(71) Akunah Medical Technology Pty Ltd (21) 2023902352 (22) 24.07.2023 (54) A METHOD FOR MULTI-TASK IMAGE CLASSIFICATION	(71) CARDIOBIONIC PTY LTD (21) 2023902286 (22) 18.07.2023 (54) Method and System for Transapical Catheter Insertion for Systolic or Diastolic Heart Failure	(71) E B McDonald Ltd (21) 2023902334 (22) 21.07.2023 (54) GATE RELEASE ARRANGEMENT, AND GATE AND LATCH COMBINATION
(71) Annis, K. (21) 2023902326 (22) 21.07.2023 (54) Method and System for Gravity-Driven Small Scale Vehicle Racing Entertainment and Broadcasting	(71) Children's Medical Research Institute (21) 2023902317 (22) 20.07.2023 (54) MODIFIED CARDIOTROPIC AAV CAPSID POLYPEPTIDES AND VECTORS	(71) ELEV8 ENERGY PTY LTD; Geldert, A. (21) 2023902282 (22) 17.07.2023 (54) ELEV8 ENERGY
(71) Australian Pet Health Pty Ltd (21) 2023902295 (22) 18.07.2023 (54) SCENTED ANIMAL TOY	(71) Chugh, H. (21) 2023902298 (22) 18.07.2023 (54) Human to Robot Teleporter Device	(71) Ellis, H. (21) 2023902341 (22) 21.07.2023 (54) CAST COVER AND METHOD THEREFOR
(71) Bliss Sleeptech PTY LTD (21) 2023902308 (22) 20.07.2023 (54) Apnea prediction, prevention and reduction	(71) Coremax Limited (21) 2023902290 (22) 18.07.2023 (54) IMPROVEMENTS IN AND RELATING TO COUPLING SYSTEMS AND COMPONENTS THEREFOR	(71) EMERALD HOME & COMMUNITY CARE PTY. LTD. (21) 2023902328 (22) 21.07.2023 (54) METHOD AND SYSTEM FOR FALL PREVENTION
(71) Brkic, C. (21) 2023902306 (22) 19.07.2023 (54) Conversation Curator System for Structured Interactions with Large Language Models	(71) DEC Healthcare Limited (21) 2023902300 (22) 19.07.2023 (54) DRUG DELIVERY DEVICE AND METHOD	(71) Escape Lures Pty Ltd (21) 2023902305 (22) 19.07.2023 (54) FISHING FLY LURE FOR USE WITH A JIG

Provisional Applications Filed - Name Index cont'd

(71) Fastbrick IP Pty Ltd
(21) 2023902296 (22) 18.07.2023
(54) LOADER FOR HANDLING PALLETS AND CONTAINERS

(71) Fast-Forward Teknologies Pty Ltd
(21) 2023902292 (22) 18.07.2023
(54) ARTIFICIAL INTELLIGENCE INSURANCE ASSESSMENT REPORT GENERATION AND ADVISORY SYSTEM AND METHOD

(71) Fisher, M.
(21) 2023902297 (22) 18.07.2023
(54) Wearable animal vaccine insulation apparatus

Flinders University see The University of Adelaide
(21) 2023902280

(71) Ford, T.
(21) 2023902351 (22) 24.07.2023
(54) A walkway canopy system

(71) Formo Bio GmbH
(21) 2023902353 (22) 24.07.2023
(54) Food Product

(71) Fortescue Metals Group Ltd
(21) 2023902302 (22) 19.07.2023
(54) Safety method and system

Geldert, A. see ELEV8 ENERGY PTY LTD
(21) 2023902282

(71) Gianna Muollo
(21) 2023902331 (22) 21.07.2023
(54) Bed system

(71) Global Marine Holdings Pty Ltd
(21) 2023902335 (22) 21.07.2023
(54) INSTRUMENTATION DISPLAY SYSTEM AND RELATED CALIBRATION METHOD

(71) GOTOP AUSTRALIA PTY LTD
(21) 2023902309 (22) 20.07.2023
(54) A cardiovascular-beneficial milk powder formulation

(71) InfraBuild Australia Pty Ltd
(21) 2023902332 (22) 21.07.2023
(54) STEEL BAR

(71) Jafarzadeh, M.
(21) 2023902304 (22) 19.07.2023
(54) A phototherapy device

(71) Kong, Y.X.; Vingrys, A.
(21) 2023902320 (22) 20.07.2023
(54) A flatscreen device field of vision testing system

(71) Lydy
(21) 2023902288 (22) 18.07.2023
(54) Lydy, Reusable Lid

(71) Macquarie University
(21) 2023902311 (22) 20.07.2023
(54) Facial Expression Sensing

(71) Max Automation Pty Ltd
(21) 2023902338 (22) 21.07.2023
(54) Explosive-atmosphere battery backup module

(71) May, S.
(21) 2023902348 (22) 24.07.2023
(54) AN IMPROVED ROOFTOP TENT ASSEMBLY FOR VEHICLES

(71) Medibank Health Solutions Pty Limited
(21) 2023902293 (22) 18.07.2023
(54) WEIGHT MANAGEMENT METHODS AND SYSTEMS

(71) Micropace Pty Ltd
(21) 2023902330 (22) 21.07.2023
(54) AN ADAPTER FOR CONNECTING AN IMPLANTABLE ELECTRICAL LEAD

(71) Monash University
(21) 2023902336 (22) 21.07.2023
(54) Novel hydrogenases

(71) newman, k.
(21) 2023902283 (22) 17.07.2023
(54) SURF LIFE LOCKERS

(71) NewSouth Innovations Pty Limited
(21) 2023902318 (22) 20.07.2023
(54) Cell culture scaffolds

(71) Nexo Technology Group Pty Ltd
(21) 2023902284 (22) 17.07.2023
(54) LIQUID DETECTION MAT AND SYSTEM

(71) Nova Eye, Inc.
(21) 2023902287 (22) 18.07.2023
(54) OPHTHALMIC SURGICAL HANDPIECE WITH OPTICAL FIBRE

(71) Nowland, D.
(21) 2023902323 (22) 21.07.2023
(54) A BUILDING COMPONENT FOR USE IN THE CONSTRUCTION OF CONCRETE POURED BUILDINGS

(71) Oceania Precision PTY Limited
(21) 2023902347 (22) 24.07.2023
(54) A firearm mechanism with interrupted blowback action

(71) OKane, R.
(21) 2023902316 (22) 20.07.2023
(54) Solar Panel with Reversible Current Polarity

(71) Panther PE Tools Pty Ltd
(21) 2023902301 (22) 19.07.2023
(54) Facing Tool Assembly

(71) Parsonage, H.
(21) 2023902346 (22) 24.07.2023
(54) A Portable Container

Pham, A.T.T. see Wang, Y.
(21) 2023902299

(71) Phillips Moore, G.
(21) 2023902289 (22) 18.07.2023
(54) Mechanical Assembly

(71) Phoenix Energy Services Pty Ltd
(21) 2023902303 (22) 19.07.2023
(54) A VISUAL INDICATING DEVICE AND METHOD OF USE THEREOF

(71) QTEQ IQ Pty Ltd
(21) 2023902314 (22) 20.07.2023
(54) Improved systems, methods and apparatus for downhole monitoring of production conditions using EM telemetry

(71) ResMed Pty Ltd
(21) 2023902322 (22) 21.07.2023
(54) FOREHEAD COOLING SYSTEMS

ROSS, T. see ROSS, S.
(21) 2023902333

(71) ROSS, S.; ROSS, T.
(21) 2023902333 (22) 21.07.2023
(54) Roof renovation

(71) SADRAM INC
(21) 2023902345 (22) 24.07.2023
(54) SELF-ADDRESSING MEMORY

Provisional Applications Filed - Name Index cont'd

(71) Scolaro, A.
(21) 2023902350 (22) 24.07.2023
(54) A Power Drive

(71) Scullion, M.
(21) 2023902344 (22) 23.07.2023
(54) Wide Angle 3D Display

(71) Sharp Initiatives Pty Ltd
(21) 2023902343 (22) 23.07.2023
(54) Innovative Methodology allowing the introduction of at least one extra floor level for development of residential projects than was previously the case.

(71) Stelmasiak, T.
(21) 2023902342 (22) 22.07.2023
(54) Enzyme synergy for gluten intolerance

Tang, Y. see Wang, Y.
(21) 2023902299

(71) The Heart Research Institute Ltd
(21) 2023902349 (22) 24.07.2023
(54) Peripheral artery disease

(71) The University of Adelaide; Flinders University
(21) 2023902280 (22) 17.07.2023
(54) SPERM SORTING DEVICE AND METHOD

(71) The University of Newcastle
(21) 2023902315 (22) 20.07.2023
(54) Method of treating HER2+ breast cancer resistant to anti-HER2 therapy

(71) THINKONE PTY LTD
(21) 2023902294 (22) 18.07.2023
(54) SIP AND CHUG LID

(71) Tournicare Pty Ltd
(21) 2023902307 (22) 20.07.2023
(54) Clamping devices and methods for repeated measurement of changes in blood pressure

(71) Trustee for Kentrust
(21) 2023902291 (22) 18.07.2023
(54) Prewired Universal Electrical Junction Box Hub System

Ugrinovski, S. see Velev, F.
(21) 2023902319

(71) Velev, F.; Ugrinovski, S.
(21) 2023902319 (22) 20.07.2023
(54) Floor Mat with Integrated Hair Vacuum and Ergonomic Support

Vingrys, A. see Kong, Y.X.
(21) 2023902320

(71) Wagstaff Food Services Pty Ltd
(21) 2023902339 (22) 21.07.2023
(54) KNOCKING BOX

(71) Wang, Y.; Pham, A.T.T.; Tang, Y.
(21) 2023902299 (22) 19.07.2023
(54) A commercial Water Channel-Based Wave Simulator with Active Control of Wave Frequency and Amplitude for Research on Ocean Wave Energy Converters

(71) WHITFIELD, D.
(21) 2023902329 (22) 21.07.2023
(54) Fire Fighting Apparatus and Method

(71) Yates, S.
(21) 2023902337 (22) 21.07.2023
(54) Plumbing fixture

(71) YGCC Holdings Pty Ltd
(21) 2023902285 (22) 17.07.2023
(54) AN APPARATUS AND METHOD FOR UNPACKING A SHIPPING CONTAINER

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2023902301	Panther PE Tools Pty Ltd		
2023902302	Fortescue Metals Group Ltd		
2023902303	Phoenix Energy Services Pty Ltd		
2023902304	Jafarzadeh, M.		
2023902305	Escape Lures Pty Ltd		
2023902306	Brkic, C.		
2023902307	Tournicare Pty Ltd		
2023902308	Bliss Sleeptech PTY LTD		
2023902309	GOTOP AUSTRALIA PTY LTD		
2023902310	Brown, R.		
2023902311	Macquarie University		
2023902312	DIGNEY, D.		
2023902313	Devera, J.		
2023902314	QTEQ IQ Pty Ltd		
2023902315	The University of Newcastle		
2023902316	OKane, R.		
2023902317	Children's Medical Research Institute		
2023902318	NewSouth Innovations Pty Limited		
2023902319	Velev, F.; Ugrinovski, S.		
2023902320	Kong, Y.X.; Vingrys, A.		
2023902321	Adelaide Ventures PTY LTD		
2023902322	ResMed Pty Ltd		
2023902323	Nowland, D.		
2023902324	Carbelec Pty Ltd		
2023902325	AGSENSIO PTY LTD		
2023902326	Annis, K.		
2023902327	Carbelec Pty Ltd		
2023902328	EMERALD HOME & COMMUNITY CARE PTY. LTD.		
2023902329	WHITFIELD, D.		
2023902330	Micropace Pty Ltd		
2023902331	Gianna Muollo		
2023902332	InfraBuild Australia Pty Ltd		
2023902333	ROSS, S.; ROSS, T.		
2023902334	E B McDonald Ltd		
2023902335	Global Marine Holdings Pty Ltd		
2023902336	Monash University		
2023902337	Yates, S.		
2023902338	Max Automation Pty Ltd		
2023902339	Wagstaff Food Services Pty Ltd		
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2023902341	Ellis, H.		
2023902342	Stelmasiak, T.		
2023902343	Sharp Initiatives Pty Ltd		
2023902344	Scullion, M.		
2023902345	SADRAM INC		
2023902346	Parsonage, H.		
2023902347	Oceania Precision PTY Limited		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jul 2023 .

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

<hr/> <p>(71) 4:3:2: Pty Ltd (21) 2023204690 (22) 14.07.2023 (54) APPARATUS FOR TREATING DISEASE AND/OR INJURY (31) 2022902073 (32) 14.07.22 (33) AU</p> <hr/> <p>(71) Abiomed, Inc. (21) 2023206099 (22) 18.07.2023 (54) Hemostatic valve for medical device introducer (62) 2021200363</p> <hr/> <p>(71) Access Vascular, Inc. (21) 2023204627 (22) 12.07.2023 (54) High strength biomedical materials (62) 2021205003</p> <hr/> <p>(71) Acerta Pharma B.V. (21) 2023204660 (22) 13.07.2023 (54) PROCESSES FOR THE PREPARATION OF 4-{8-AMINO-3-[(2S)-1-(BUT-2-YNOYL)-PYRROLIDIN-2-YL]IMIDAZO[1,5-A]PYRAZIN-1-YL}N-(PYRIDIN-2-YL)-BENZAMIDE (62) 2022200828</p> <hr/> <p>(71) Acres Technology (21) 2023204599 (22) 11.07.2023 (54) Method and Apparatus for Communicating Information about Networked Gaming Machines to Players (62) 2021202979</p> <hr/> <p>(71) Acucela Inc. (21) 2023204683 (22) 14.07.2023 (54) MINIATURIZED MOBILE, LOW COST OPTICAL COHERENCE TOMOGRAPHY SYSTEM FOR HOME BASED OPHTHALMIC APPLICATIONS (62) 2017382218</p> <hr/> <p>(71) Adagene Inc. (21) 2023204604 (22) 12.07.2023 (54) Anti-CTLA4 antibodies and methods of making and using the same (62) 2019214188</p> <hr/> <p>(71) Adobe Inc. (21) 2023206107 (22) 18.07.2023</p>	<p>(54) SYSTEMS AND METHODS FOR COLLABORATIVE DOCUMENT GENERATION (31) 18/168,677 (32) 14.02.23 (33) US 63/376,613 22.09.22 US</p> <hr/> <p>(71) Aerie Pharmaceuticals, Inc. (21) 2023204624 (22) 12.07.2023 (54) ISOQUINOLINE-STEROID CONJUGATES AND USES THEREOF (62) 2019328590</p> <hr/> <p>(71) Alcon Inc. (21) 2023204633 (22) 12.07.2023 (54) INTRAOCULAR LENS MATERIALS AND COMPONENTS (62) 2021203350</p> <hr/> <p>(71) Alcon Inc. (21) 2023204656 (22) 13.07.2023 (54) Ocular implant and delivery system (62) 2021212104</p> <hr/> <p>(71) Alcon Inc. (21) 2023206131 (22) 19.07.2023 (54) MULTIFOCAL DIFFRACTIVE OPHTHALMIC LENS USING SUPERPRESSED DIFFRACTIVE ORDER (62) 2021221613</p> <hr/> <p>(71) Altria Client Services LLC (21) 2023204694 (22) 14.07.2023 (54) Smoking device (62) 2017328499</p> <hr/> <p>(71) Amicus Therapeutics, Inc. (21) 2023206175 (22) 20.07.2023 (54) TREATMENT OF FABRY DISEASE IN ERT-NAIVE AND ERT-EXPERIENCED PATIENTS (62) 2017298376</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023204382 (22) 07.07.2023 (54) INSPECTION SYSTEM (62) 2022201690</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023204711 (22) 17.07.2023 (54) Game token money, method of manufacturing game token money, and inspection system (62) 2021258024</p>	<hr/> <p>(71) Angel Group Co., Ltd. (21) 2023206116 (22) 18.07.2023 (54) Game management system (62) 2021215222</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2023206173 (22) 20.07.2023 (54) Management system of gaming chips and storage box (62) 2021202868</p> <hr/> <p>(71) Apple Inc. (21) 2023204577 (22) 11.07.2023 (54) Audio driver and power supply unit architecture (62) 2021261922</p> <hr/> <p>(71) Apple Inc. (21) 2023204608 (22) 12.07.2023 (54) Semantic framework for variable haptic output (62) 2021203205</p> <hr/> <p>(71) Apple Inc. (21) 2023204616 (22) 12.07.2023 (54) User interface camera effects (62) 2022218463</p> <hr/> <p>(71) Apple Inc. (21) 2023204622 (22) 12.07.2023 (54) Methods and interfaces for initiating communications (62) 2022235630</p> <hr/> <p>(71) Apple Inc. (21) 2023204647 (22) 13.07.2023 (54) Methods and user interfaces for sharing audio (62) 2022204555</p> <hr/> <p>(71) Apple Inc. (21) 2023204649 (22) 13.07.2023 (54) Method of using one device to unlock another device (62) 2021202620</p> <hr/> <p>(71) Apple Inc. (21) 2023204666 (22) 13.07.2023 (54) Input device and user interface interactions (62) 2021277703</p>
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Complete Applications Filed - Name Index cont'd

(71) Apple Inc.
 (21) 2023206154 (22) 19.07.2023
 (54) Systems and methods for multitasking on an electronic device with a touch-sensitive display
 (62) 2023201551

(71) Aristocrat Technologies, Inc.
 (21) 2023204692 (22) 14.07.2023
 (54) SYSTEMS AND METHODS FOR PERSISTENT COLLECTION AND EXTENDING SPINS
 (31) 18/221,643 (32) 13.07.23 (33) US
 63/411,974 30.09.22 US

(71) Aristocrat Technologies, Inc.
 (21) 2023206101 (22) 18.07.2023
 (54) ELECTRONIC GAMING MACHINE REWARD SYSTEM AND METHOD
 (62) 2021202843

(71) Aristocrat Technologies, Inc.
 (21) 2023206115 (22) 18.07.2023
 (54) GAMING DEVICE WITH A USB INTERFACE FOR DELIVERING POWER AND DATA TO VIDEO DISPLAY MODULES
 (31) 18/353,816 (32) 17.07.23 (33) US
 63/390,809 20.07.22 US

(71) Aristocrat Technologies, Inc.
 (21) 2023206180 (22) 20.07.2023
 (54) DYNAMIC WHEEL
 (31) 18/222,054 (32) 14.07.23 (33) US
 63/397,057 11.08.22 US
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(71) Aristocrat Technologies, Inc.
 (21) 2023206181 (22) 20.07.2023
 (54) DYNAMIC WHEEL
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 63/407,803 19.09.22 US

(71) Aristocrat Technologies, Inc.
 (21) 2023206182 (22) 20.07.2023
 (54) DYNAMIC WHEEL
 (31) 18/222,171 (32) 14.07.23 (33) US
 63/397,057 11.08.22 US
 63/407,803 19.09.22 US

(71) Aristocrat Technologies Australia Pty Limited
 (21) 2023206095 (22) 18.07.2023
 (54) GAMING DEVICE WITH MULTIPLE TRIGGERABLE RESPIN FEATURES
 (62) 2020239629

Basinski, A. see Boudot, A.
 (21) 2023204645

(71) BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.
 (21) 2023206122 (22) 19.07.2023
 (54) Superconducting quantum chip design method and apparatus, electronic device and medium
 (31) 2022108714733 (32) 22.07.22 (33) CN

(71) Beijing Tusen Zhitu Technology Co., Ltd.
 (21) 2023206108 (22) 18.07.2023
 (54) Prediction method for target object, computer device, and storage medium
 (31) 202210853238.3 (32) 20.07.22 (33) CN

(71) BEYOND AIR LTD
 (21) 2023206142 (22) 19.07.2023
 (54) Methods of using systems for delivering therapeutic gas
 (62) 2021232787

(71) BIOCONIX PTY LTD.
 (21) 2023204674 (22) 13.07.2023
 (54) A SUBSTRATE
 (62) 2021209209

(71) BioMed Valley Discoveries, Inc.
 (21) 2023204587 (22) 11.07.2023
 (54) Methods and compositions for treating non-ERK MAPK pathway inhibitor-resistant cancers
 (62) 2017267804

(71) Biomet Manufacturing, LLC
 (21) 2023206128 (22) 19.07.2023
 (54) PROSTHESIS SUPPORTED TISSUE REPAIR SYSTEM AND METHOD
 (31) 63/391,116 (32) 21.07.22 (33) US

(71) Bird, T.
 (21) 2023206114 (22) 18.07.2023
 (54) Mag Lock and Closer Pelmet and Cover

(71) Blindware Pty Ltd
 (21) 2023204594 (22) 11.07.2023
 (54) Adjustable spring system and method for roller blinds
 (62) 2017326739

(71) BOFINGER, S.
 (21) 2023204562 (22) 10.07.2023
 (54) BODY ARMOUR
 (62) PCT/AU2021/050017

(71) Boston Scientific Scimed, Inc.
 (21) 2023206100 (22) 18.07.2023
 (54) Attachment plates and implants for penile construction
 (62) 2020296129

(71) Boudot, A.; Xu, Q.; TScan Therapeutics, Inc.; Jurewicz, M.; Jangalwe, S.; Macbeath, G.; Nayar, R.; Kula, T.; Basinski, A.
 (21) 2023204645 (22) 13.07.2023
 (54) Binding proteins recognizing HA-2 antigen and uses thereof
 (62) 2022204581

(71) Bourgault Industries Ltd.
 (21) 2023204632 (22) 12.07.2023
 (54) Implement frame mounted product meters
 (62) 2020302852

(71) Bytemark, Inc.
 (21) 2023204670 (22) 13.07.2023
 (54) Sensor fusion for transit applications
 (62) 2018414542

(71) Carnegie Mellon University
 (21) 2023206155 (22) 19.07.2023
 (54) Additive manufacturing support material
 (62) 2018250289

(71) Carter-Hoffmann, LLC
 (21) 2023206121 (22) 19.07.2023
 (54) Cabinet for holding food products
 (31) 63/391,369 (32) 22.07.22 (33) US
 63/521,218 15.06.23 US

(71) Case Western Reserve University
 (21) 2023206092 (22) 18.07.2023
 (54) Treatment of pain using electrical nerve conduction block
 (62) 2021225216

(71) Caterpillar Inc.
 (21) 2023206172 (22) 20.07.2023
 (54) Undercarriage clamping master track link
 (62) 2018244078

(71) Chart Energy & Chemicals, Inc.
 (21) 2023204641 (22) 13.07.2023
 (54) Mixed refrigerant system and method
 (62) 2021225243

Children's Healthcare of Atlanta, Inc. see Emory University
 (21) 2023206177

(71) Chorchek, Inc.
 (21) 2023204623 (22) 12.07.2023
 (54) SYSTEM FOR IDENTIFYING ANIMALS SUSCEPTIBLE TO A DISEASE OUTBREAK AND METHOD FOR VERIFYING ANIMAL POPULATION ACTIVITIES
 (62) 2019383975

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(71) Commonwealth Scientific and Industrial Research Organisation

(21) 2023204701 (22) 14.07.2023
(54) Regulation of cytokine production
(62) 2016363114

(71) Conlan, K.

(21) 2023206167 (22) 20.07.2023
(54) A SANITIZER APPARATUS
(62) 2021203678

(71) Contera Pharma A/S

(21) 2023206140 (22) 19.07.2023
(54) Pulsatile drug delivery system for treating morning akinesia
(62) 2017297718

(71) CPI Card Group - Colorado, INC.

(21) 2023206103 (22) 18.07.2023
(54) RECOVERED PLASTIC CARDS
(62) 2020216396

(71) CubicPV Inc.

(21) 2023204580 (22) 11.07.2023
(54) PEROVSKITE AND OTHER SOLAR CELL MATERIALS
(62) 2022200195

(71) Dana-Farber Cancer Institute, Inc.; President and Fellows of Harvard College

(21) 2023204685 (22) 14.07.2023
(54) BCL-W POLYPEPTIDES AND MIMETICS FOR TREATING OR PREVENTING CHEMOTHERAPY-INDUCED PERIPHERAL NEUROPATHY AND HEARING LOSS
(62) 2017315447

(71) Deere & Company

(21) 2023204686 (22) 14.07.2023
(54) Actuator for setting seed depth for a row unit on a planter
(31) 17/892,641 (32) 22.08.22 (33) US

(71) Deere & Company

(21) 2023204713 (22) 17.07.2023
(54) System for adjusting boom hinge rake angle of an agricultural sprayer and method thereof
(31) 17/893,568 (32) 23.08.22 (33) US

(71) Deere & Company

(21) 2023206178 (22) 20.07.2023
(54) Row unit clean out system and method
(31) 17/892658 (32) 22.08.22 (33) US

(71) Dematic Corp.

(21) 2023204583 (22) 11.07.2023
(54) Free ranging automated guided vehicle and operational system
(62) 2022201542

(71) Dexcom, Inc.

(21) 2023204617 (22) 12.07.2023
(54) Systems and methods for transmitting and continuous monitoring of analyte values
(62) 2021209163

(71) Dexcom, Inc.

(21) 2023204642 (22) 13.07.2023
(54) System and method for communication of analyte data
(62) 2021209288

(71) DUG Technology (Australia) Pty Ltd

(21) 2023204673 (22) 13.07.2023
(54) METHOD FOR DETERMINING NOTIONAL SEISMIC SOURCE SIGNATURES AND THEIR GHOSTS FROM NEAR FIELD MEASUREMENTS AND ITS APPLICATION TO DETERMINING FAR FIELD SOURCE SIGNATURES
(62) 2021202892

(71) Eaton Intelligent Power Limited

(21) 2023206096 (22) 18.07.2023
(54) ENERGY-LIMITING DEVICE FOR A SURGE ARRESTER
(31) 63/391,985 (32) 25.07.22 (33) US

(71) Edwards Lifesciences Corporation

(21) 2023206102 (22) 18.07.2023
(54) Prosthetic mitral valve with improved anchors and seal
(62) 2019228527

(71) Edwards Lifesciences Corporation

(21) 2023206139 (22) 19.07.2023
(54) Heart valve sealing devices, delivery devices therefor, and retrieval devices
(62) 2020279128

(71) Emory University; Children's Healthcare of Atlanta, Inc.

(21) 2023206177 (22) 20.07.2023
(54) Recombinant RSV with silent mutations, vaccines, and methods related thereto
(62) 2020244533

(71) Factor Bioscience Inc.

(21) 2023204662 (22) 13.07.2023
(54) Nucleic acid products and methods of administration thereof
(62) 2017312113

(71) Fisher & Paykel Healthcare Limited

(21) 2023206160 (22) 20.07.2023
(54) SEALING FORCE DETECTION ENABLED, THERAPEUTIC FLUID DELIVERY DEVICE
(62) 2021205102

(71) Fitzgerald, J.

(21) 2023204644 (22) 13.07.2023
(54) PRV Trailer
(31) 2023901846 (32) 12.06.23 (33) AU

(71) Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.

(21) 2023204659 (22) 13.07.2023
(54) Decoder and decoding method selecting an error concealment mode, and encoder and encoding method
(62) 2020221602

(71) GAMBRO LUNDIA AB

(21) 2023204619 (22) 12.07.2023
(54) Apparatus for extracorporeal treatment of blood and process of calculating set flow rates in a medical apparatus for delivery or collection of fluids
(62) 2020277152

(71) Gavrieli Brands, LLC

(21) 2023206176 (22) 20.07.2023
(54) SPLIT-SOLE FOOTWEAR
(62) 2022200846

(71) Gen-Probe Incorporated

(21) 2023204684 (22) 14.07.2023
(54) Methods for capacitive fluid level detection
(62) 2018299890

(71) Getac Technology Corporation

(21) 2023204706 (22) 15.07.2023
(54) Protective case and portable electronic device
(31) 202310064070.2 (32) 13.01.23 (33) CN

(71) Gilead Apollo, LLC

(21) 2023206094 (22) 18.07.2023
(54) Solid forms of a thienopyrimidinedione ACC inhibitor and methods for production thereof
(62) 2021209149

(71) Gilead Sciences, Inc.

(21) 2023204700 (22) 14.07.2023
(54) Bridged tricyclic carbamoylpyridone compounds and their pharmaceutical use
(62) 2020245350

(71) Gilead Sciences, Inc.

(21) 2023204712 (22) 17.07.2023
(54) Quinoline derivatives as alpha4beta7 integrin inhibitors
(62) 2019373240

(71) GLAC BIOTECH CO., LTD.

(21) 2023206118 (22) 18.07.2023

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- (54) OPTIMIZED LACTOBACILLUS PARACASEI STRAIN MP137 FOR ENHANCING CYTOKINE REGULATING ALLERGIC IMMUNE RESPONSE AND METHOD FOR OBTAINING THE SAME
(31) 111142480 (32) 07.11.22 (33) TW
-
- (71) Global Payment Technologies Australia
(21) 2023204615 (22) 12.07.2023
(54) Configuring a gaming machine to accept credit via recyclable non-currency tokens
(62) 2021203043
-
- (71) Gritstone Bio, Inc.
(21) 2023204618 (22) 12.07.2023
(54) Neoantigen identification, manufacture, and use
(62) 2016369519
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- (71) Guangxi Chuankun New Energy Technology Co., Ltd.; Hainan Jialiqing New Energy Co., Ltd.
(21) 2023204677 (22) 13.07.2023
(54) PUMPED STORAGE POWER STATION IN WHICH UNDERGROUND CAVERN COOPERATE WITH SHIP LOCK
(31) 202221828891.6 (32) 15.07.22 (33) CN
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- (71) Guangxi Chuankun New Energy Technology Co., Ltd.; Hainan Jialiqing New Energy Co., Ltd.
(21) 2023204678 (22) 13.07.2023
(54) TWO-STATION, THREE-RESERVOIR SHAFT PUMPED STORAGE POWER STATION
(31) 202221828604.1 (32) 15.07.22 (33) CN
-
- Hainan Jialiqing New Energy Co., Ltd. see Guangxi Chuankun New Energy Technology Co., Ltd.**
(21) 2023204677
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- Hainan Jialiqing New Energy Co., Ltd. see Guangxi Chuankun New Energy Technology Co., Ltd.**
(21) 2023204678
-
- Haruta, C.S. see Haruta, P.**
(21) 2023206097
-
- Haruta, K.B. see Haruta, P.**
(21) 2023206097
-
- (71) Haruta, P.; Haruta, C.S.; Haruta, K.B.
(21) 2023206097 (22) 18.07.2023
(54) Computing technologies for diagnosis and therapy of language-related disorders
(62) 2021202907
-
- (71) Hytro Limited
(21) 2023206074 (22) 17.07.2023
(54) BLOOD FLOW RESTRICTION SPORTSWEAR GARMENT
(62) 2019285821
-
- (71) IGT
(21) 2023204621 (22) 12.07.2023
(54) EMAILING OR TEXTING AS COMMUNICATION BETWEEN MOBILE DEVICE AND EGM
(62) 2021277752
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- (71) IGT
(21) 2023206179 (22) 20.07.2023
(54) Game with Win Based on Cryptocurrency
(31) 17/875,093 (32) 22.07.22 (33) US
-
- (71) Immatix Biotechnologies GmbH
(21) 2023204661 (22) 13.07.2023
(54) NOVEL PEPTIDES AND COMBINATION OF PEPTIDES FOR USE IN IMMUNOTHERAPY AGAINST PROSTATE CANCER AND OTHER CANCERS
(62) 2021202059
-
- (71) Imtmedical AG
(21) 2023204643 (22) 13.07.2023
(54) Breathing apparatus and method for controlling a breathing apparatus
(62) 2018292784
-
- (71) INOSYSTEMS
(21) 2023204680 (22) 14.07.2023
(54) GAS SUPPLY INSTALLATION COMPRISING A MEDICAL VENTILATOR AND AN NO DELIVERY DEVICE WITH AN EMERGENCY DOSING SYSTEM
(31) 2208243 (32) 11.08.22 (33) FR
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- (71) Insulet Corporation
(21) 2023206147 (22) 19.07.2023
(54) Basal insulin management
(62) 2017360970
-
- (71) Ishida Co., Ltd.
(21) 2023204687 (22) 14.07.2023
(54) FILM ROLL SUPPLY DEVICE
(31) 2022-113758 (32) 15.07.22 (33) JP
2023-092395 05.06.23 JP
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- (71) Ishida Co., Ltd.
(21) 2023204688 (22) 14.07.2023
(54) FILM ROLL REPLACEMENT DEVICE, FILM ROLL SUPPLY METHOD, AND FILM ROLL REMOVAL METHOD
(31) 2022-113759 (32) 15.07.22 (33) JP
-
- (71) Itron, Inc.
(21) 2023204695 (22) 14.07.2023
(54) Utility restriction compliance monitoring and mitigation
(31) 17/901,961 (32) 02.09.22 (33) US
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- Jangalwe, S. see Boudot, A.**
(21) 2023204645
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- (71) JCB Research
(21) 2023206150 (22) 19.07.2023
(54) FUEL INJECTOR SEAL
(31) 2210593.6 (32) 20.07.22 (33) GB
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- (71) Jiangsu Comco Outdoor Products Co., Ltd
(21) 2023204705 (22) 14.07.2023
(54) NON-INFLATABLE POOL WITH DIAGONAL BRACINGS
(31) 202223279949.9 (32) 07.12.22 (33) CN
-
- (71) JINKO SOLAR (HAINING) CO., LTD.
(21) 2023206083 (22) 17.07.2023
(54) SOLAR CELL, MANUFACTURING METHOD THEREOF, AND PHOTOVOLTAIC MODULE
(62) 2022202922
-
- (71) Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
(21) 2023206112 (22) 18.07.2023
(54) SOLAR CELL, PHOTOVOLTAIC MODULE, AND METHOD FOR PREPARING PHOTOVOLTAIC MODULE
(31) 202310587109.9 (32) 23.05.23 (33) CN
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- Jurewicz, M. see Boudot, A.**
(21) 2023204645
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- (71) Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
(21) 2023204702 (22) 14.07.2023
(54) POWER GENERATION FACILITY
(31) 2022-161064 (32) 05.10.22 (33) JP
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- (71) Kite Pharma, Inc.
(21) 2023206126 (22) 19.07.2023
(54) TGF- β receptors and methods of use
(62) 2020296878
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- (71) Komatsu Ltd.
(21) 2023206138 (22) 19.07.2023
(54) Work vehicle control system and work vehicle control method
(62) 2020214973
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- (71) Kosp Construction Resources Pty Ltd
(21) 2023206184 (22) 20.07.2023
(54) Composite Construction Panel and Method of Construction
(31) 2022902041 (32) 21.07.22 (33) AU

Complete Applications Filed - Name Index cont'd

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(21) 2023204645

(71) La Francaise Des Jeux
(21) 2023206082 (22) 17.07.2023
(54) Computer game system
(62) 2021203355

(71) Lam, T.T.
(21) 2023206090 (22) 17.07.2023
(54) MACHINE LEARNING BASED OPTIMAL CONTROL SYSTEM FOR HYBRID POWER PLANTS OF WAVE, WIND AND SOLAR
(31) 2023900824 (32) 24.03.23 (33) AU

(71) LanzaTech, Inc.
(21) 2023206162 (22) 20.07.2023
(54) Process for recovering close boiling products
(62) 2019428656

(71) Lashify, Inc.
(21) 2023206075 (22) 17.07.2023
(54) Applicators and cases for artificial lash extensions
(62) 2022246369

(71) LG Electronics Inc.
(21) 2023204603 (22) 12.07.2023
(54) Refrigerator
(62) 2019354477

(71) LG Electronics Inc.
(21) 2023206135 (22) 19.07.2023
(54) Refrigerator
(62) 2019352426

(71) LG Electronics Inc.
(21) 2023206136 (22) 19.07.2023
(54) REFRIGERATOR
(62) 2019352426

(71) LG Electronics Inc.
(21) 2023206153 (22) 19.07.2023
(54) REFRIGERATOR
(62) 2021203933

(71) LG Electronics Inc.
(21) 2023206156 (22) 19.07.2023
(54) REFRIGERATOR
(62) 2019355673

(71) LG Electronics Inc.
(21) 2023206157 (22) 19.07.2023
(54) REFRIGERATOR
(62) 2019355673

(71) Lifeguard Digital Health Inc.
(21) 2023206134 (22) 19.07.2023
(54) MONITORING SYSTEM FOR FACILITIES
(31) 63/512596 (32) 07.07.23 (33) US
Unassigned by 14.07.23 CA
CIPO

(71) Lifetime Products, Inc.
(21) 2023204598 (22) 11.07.2023
(54) Molded-In Boat Grip
(62) 2017216561

(71) Limacorporate S.p.A.
(21) 2023206113 (22) 18.07.2023
(54) Scapular anchor for fixing a glenoid component of a shoulder joint prosthesis to a scapula with compromised anatomy and related method for manufacturing said scapular anchor
(62) 2018252160

(71) Lineage Cell Therapeutics, Inc.
(21) 2023206201 (22) 20.07.2023
(54) Methods of modifying transcriptional regulatory networks in stem cells
(62) 2020286225

(71) Locus Robotics Corp.
(21) 2023206158 (22) 20.07.2023
(54) ROBOT GAMIFICATION FOR IMPROVEMENT OF OPERATOR PERFORMANCE
(62) 2020210796

Macbeath, G. see Boudot, A.
(21) 2023204645

(71) MagnaLaw Pty Ltd
(21) 2023204704 (22) 14.07.2023
(54) Initial, but high resolution, legal advice

(71) MAKO Surgical Corp.
(21) 2023204658 (22) 13.07.2023
(54) Systems and tools for use with surgical robotic manipulators
(62) 2017345734

(71) Massachusetts Institute of Technology; Translate Bio, Inc.
(21) 2023206132 (22) 19.07.2023
(54) LIPID FORMULATIONS FOR DELIVERY OF MESSENGER RNA
(62) 2021200980

(71) Masterbuilt Manufacturing, LLC
(21) 2023204668 (22) 13.07.2023
(54) Gravity fed smoker
(62) 2019342959

(71) McElroy Manufacturing, Inc.
(21) 2023204629 (22) 12.07.2023
(54) Modular carriage assembly for the fusion of polyolefin pipes
(62) 2018337819

(71) Medizinische Universität Innsbruck
(21) 2023206089 (22) 17.07.2023
(54) Improved pharmacokinetics and cholecystokinin-2 receptor (CCK2R) targeting for diagnosis and therapy
(62) 2021204691

(71) Metagenomi, Inc.
(21) 2023206079 (22) 17.07.2023
(54) Enzymes with RuvC domains
(62) 2020223370

(71) Mining and Process Solutions Pty Ltd
(21) 2023204595 (22) 11.07.2023
(54) PROCESS FOR SELECTIVE RECOVERY OF CHALCOPHILE GROUP ELEMENTS
(62) 2021202669

(71) Modra Pharmaceuticals B.V.
(21) 2023204682 (22) 14.07.2023
(54) Cancer treatment using docetaxel by controlling peak plasma levels
(62) 2019410060

(71) Modra Pharmaceuticals B.V.
(21) 2023204693 (22) 14.07.2023
(54) Combination treatment for solid tumors using docetaxel and a cyp3a inhibitor
(62) 2019410062

(71) Monsanto Technology LLC
(21) 2023204653 (22) 13.07.2023
(54) Novel insect inhibitory proteins
(62) 2021250965

(71) Monsanto Technology LLC
(21) 2023204654 (22) 13.07.2023
(54) Novel insect inhibitory proteins
(62) 2021250965

(71) Nalu Medical, Inc.
(21) 2023204646 (22) 13.07.2023
(54) Apparatus with enhanced stimulation waveforms
(62) 2021203957

(71) Native Microbials, Inc.
(21) 2023206088 (22) 17.07.2023
(54) Methods for improving milk production by administration of microbial consortia
(62) 2017206051

Nayar, R. see Boudot, A.
(21) 2023204645

Complete Applications Filed - Name Index cont'd

(71) Neutron Therapeutics, Inc.
(21) 2023204631 (22) 12.07.2023
(54) Compact motor-driven insulated electrostatic particle accelerator
(62) 2019262797

(71) Nextracker LLC
(21) 2023206076 (22) 17.07.2023
(54) Multiple Actuator System for Solar Tracker
(62) 2021236469

(71) Nicoventures Trading Limited
(21) 2023204669 (22) 13.07.2023
(54) Induction coil arrangement
(62) 2021203158

(71) Nokia Technologies Oy
(21) 2023204620 (22) 12.07.2023
(54) Contention resolution in random access procedure
(62) 2019443642

(71) nthalmic holding pty ltd
(21) 2023206124 (22) 19.07.2023
(54) Spectacle lenses with auxiliary optical elements
(62) 2021220750

(71) Nunhems B.V.
(21) 2023204651 (22) 13.07.2023
(54) Introgression of two yield QTLs in cucumis sativus plants
(62) 2017251354

(71) NuVasive, Inc.
(21) 2023206141 (22) 19.07.2023
(54) SURGICAL RETRACTOR
(62) 2017379061

(71) NuVasive Specialized Orthopedics, Inc.
(21) 2023206144 (22) 19.07.2023
(54) SYSTEMS FOR BONE TRANSPORT
(62) 2021204968

(71) Onlife Inc.
(21) 2023206159 (22) 20.07.2023
(54) A computer implemented method of determining game player predilection
(31) 2022902528 (32) 02.09.22 (33) AU

(71) Pettit, C.
(21) 2023204675 (22) 13.07.2023
(54) AHLOF - A HOLE LOT OF FUN 1986

(71) Pettit, C.
(21) 2023204676 (22) 13.07.2023
(54) DIALZ (SPORTING FOOTWEAR)

(71) Pier Tech Systems LLC
(21) 2023204689 (22) 14.07.2023
(54) Foundation support systems, assemblies and methods including sleeve coupler and shafts with torque transmitting profiled distal end edges
(31) 63/389,999 (32) 18.07.22 (33) US

(71) Pier Tech Systems LLC
(21) 2023204691 (22) 14.07.2023
(54) Tapered, locking, anti-reverse coupler assembly for foundation support system
(31) 63/390,320 (32) 19.07.22 (33) US

(71) Pint at Home, LLC
(21) 2023204639 (22) 13.07.2023
(54) SYSTEMS AND METHODS FOR PROCESSING NON-FERMENTED LIQUIDS
(62) 2018254483

(71) Preda, D.
(21) 2023204710 (22) 17.07.2023
(54) Plate anchor
(31) 2022902004 (32) 17.07.22 (33) AU

President and Fellows of Harvard College see Dana-Farber Cancer Institute, Inc.
(21) 2023204685

(71) Process Wastewater Technologies, LLC
(21) 2023204665 (22) 13.07.2023
(54) DEWATERING SYSTEMS AND METHODS
(62) 2018304302

(71) ProKidney
(21) 2023206151 (22) 19.07.2023
(54) Organoids comprising isolated renal cells and uses thereof
(62) 2020203860

(71) Prolacta Bioscience, Inc.
(21) 2023204614 (22) 12.07.2023
(54) Human milk products useful in pre- and post-operative care
(62) 2021225228

(71) Pujing Chemical Industry Co., Ltd
(21) 2023204635 (22) 12.07.2023
(54) Catalyst for synthesizing oxalate by CO coupling reaction, preparation and uses
(62) 2018446561

(71) PXiSE Energy Solutions, LLC
(21) 2023206148 (22) 19.07.2023
(54) Controlling virtual microgrids in a power network
(31) 63/390,599 (32) 19.07.22 (33) US

(71) RAGT 2n
(21) 2023206110 (22) 18.07.2023
(54) GRASS ENDOPHYTES
(62) 2022203749

(71) React4life Srl
(21) 2023206086 (22) 17.07.2023
(54) BIOREACTOR AND METHOD OF USE OF SUCH BIOREACTOR
(62) 2018206879

(71) Regeneron Pharmaceuticals, Inc.
(21) 2023204611 (22) 12.07.2023
(54) TROPISM-MODIFIED RECOMBINANT VIRAL PARTICLES AND USES THEREOF FOR THE TARGETED INTRODUCTION OF GENETIC MATERIAL INTO HUMAN CELLS
(62) 2018290885

(71) Regeneron Pharmaceuticals, Inc.
(21) 2023206125 (22) 19.07.2023
(54) Antigen-binding proteins that activate the leptin receptor
(62) 2016338851

(71) Regeneron Pharmaceuticals, Inc.
(21) 2023206143 (22) 19.07.2023
(54) TROPISM-MODIFIED RECOMBINANT VIRAL VECTORS AND USES THEREOF FOR THE TARGETED INTRODUCTION OF GENETIC MATERIAL INTO HUMAN CELLS
(62) 2018290882

(71) Regents of the University of Minnesota
(21) 2023204606 (22) 12.07.2023
(54) Genetically modified cells, tissues, and organs for treating disease
(62) 2022201307

(71) Relativity Space, Inc.
(21) 2023204707 (22) 15.07.2023
(54) MODULAR METAL 3-D PRINTER BUILD PLATE
(31) 63/368,609 (32) 15.07.22 (33) US
63/369,904 29.07.22 US

(71) Relativity Space, Inc.
(21) 2023204708 (22) 15.07.2023
(54) Systems for Horizontal Additive Manufacturing and Methods Thereof
(31) 63/368,609 (32) 15.07.22 (33) US

(71) Research Institute at Nationwide Children's Hospital
(21) 2023206111 (22) 18.07.2023
(54) Gene therapy with dysferlin dual vectors
(62) 2021270526

Complete Applications Filed - Name Index cont'd

(71) ResMed Pty Ltd
(21) 2023206093 (22) 18.07.2023
(54) PATIENT INTERFACE
(62) 2018241246

(71) Rheem Australia Pty Limited
(21) 2023206174 (22) 20.07.2023
(54) WATER HEATER SENSOR
(31) 2022902780 (32) 26.09.22 (33) AU

(71) Rhythm Pharmaceuticals, Inc.
(21) 2023204625 (22) 12.07.2023
(54) Pharmaceutical compositions
(62) 2021202699

(71) Rite-Hite Holding Corporation
(21) 2023206105 (22) 18.07.2023
(54) Fan And Light Units And Associated Mounting Arrangement For Use At A Loading Dock
(62) 2021290321

(71) Rom Technologies, Inc.
(21) 2023204667 (22) 13.07.2023
(54) METHOD AND SYSTEM FOR USING SENSOR DATA FROM REHABILITATION OR EXERCISE EQUIPMENT TO TREAT PATIENTS VIA TELEMEDICINE
(62) 2021260953

(71) Rural Innovations Pty Ltd
(21) 2023204663 (22) 13.07.2023
(54) WIRE STRAINERS
(62) 2021204045

(71) Rustamzadeh, E.
(21) 2023204655 (22) 13.07.2023
(54) Lateral retractor system for minimizing muscle damage in spinal surgery
(62) 2020221761

(71) Safetylink Pty Ltd
(21) 2023204630 (22) 12.07.2023
(54) Improved Davit
(31) 2022902219 (32) 08.08.22 (33) AU

(71) SAMSUNG ELECTRONICS CO., LTD.
(21) 2023204637 (22) 12.07.2023
(54) Multiplexing control information in a physical uplink data channel
(62) 2022203331

(71) SaNOtize Research and Development Corp.
(21) 2023204628 (22) 12.07.2023
(54) Treating diseases using nitric oxide releasing solutions
(62) 2021202711

(71) Sany Mobile Cranes Co., Ltd.
(21) 2023206087 (22) 17.07.2023
(54) COUNTER-BALANCED MOBILE DEVICE AND CRANE
(62) 2019396959

(71) SASCO Australia Pty Ltd
(21) 2023206077 (22) 17.07.2023
(54) CHARGING DEVICE FOR A LUMINESCENT PRODUCT
(31) 2023900111 (32) 18.01.23 (33) AU

(71) Scamacchia, D.
(21) 2023206106 (22) 18.07.2023
(54) FIRE RESISTANT SLIDING DOOR SYSTEM
(31) 790436 (32) 18.07.22 (33) NZ

(71) Schreder S.A.
(21) 2023206137 (22) 19.07.2023
(54) Lamp post with functional modules
(62) 2018326447

(71) Scolaro, A.
(21) 2023206078 (22) 17.07.2023
(54) A Clean Energy Drive
(31) 2023900510 (32) 28.02.23 (33) AU

(71) Seattle Children's Hospital d/b/a Seattle Children's Research Institute
(21) 2023206169 (22) 20.07.2023
(54) GENERATING MAMMALIAN T CELL ACTIVATION INDUCIBLE SYNTHETIC PROMOTERS (SYN+PRO) TO IMPROVE T CELL THERAPY
(62) 2018270156

(71) SEQUEIRA, A.
(21) 2023204679 (22) 14.07.2023
(54) Streamlined Secure Payment Transactions using Integrated QR Code and NFC Payment Systems

(71) Shanghai Pacific Hat Manufacturing Co., Ltd.
(21) 2023204648 (22) 13.07.2023
(54) Cap and method of manufacturing cap
(62) 2017296966

(71) Snap-on Incorporated
(21) 2023204714 (22) 17.07.2023
(54) Reinforcing frame fixture for electric vehicles
(31) 17/872,400 (32) 25.07.22 (33) US

(71) Société des Produits Nestlé S.A.
(21) 2023206185 (22) 20.07.2023
(54) Treatment or prevention of surgery-induced cachexia and/or expression of myeloid-derived suppressor cells and pro-inflammatory cytokines
(62) 2021201741

(71) SONY CORPORATION
(21) 2023204609 (22) 12.07.2023
(54) Electronic device, method and storage medium for wireless communication system
(62) 2018287868

(71) South East Fluid Mechanics Pty. Ltd.
(21) 2023204698 (22) 14.07.2023
(54) A harvesting vehicle
(31) 2022902170 (32) 02.08.22 (33) AU

(71) Spin Master, Inc.
(21) 2023204640 (22) 13.07.2023
(54) Inflatable object and valve therefor
(62) 2022268397

(71) State Grid Nanjing Power Supply Company
(21) 2023206146 (22) 19.07.2023
(54) CURRENT MONITORING AND WARNING METHOD AND SYSTEM FOR GROUNDING WIRES OF ARMORED AND SHIELDED SECONDARY CABLES
(31) 202211462818.6 (32) 21.11.22 (33) CN

(71) Stealth BioTherapeutics Corp.
(21) 2023204607 (22) 12.07.2023
(54) Mitochondria-targeting peptides
(62) 2018385690

(71) Stryker Corporation
(21) 2023206084 (22) 17.07.2023
(54) Systems and methods for robotic surgery
(62) 2022202260

(71) Sungrow Hydrogen Sci. & Tech. Co., Ltd
(21) 2023206166 (22) 20.07.2023
(54) Outdoor electric cabinet and air duct structure thereof
(31) 202211258997.1 (32) 14.10.22 (33) CN

(71) SunMed Group Holdings, LLC.
(21) 2023204672 (22) 13.07.2023
(54) Airway adapters and suction catheter systems
(62) 2021229199

(71) Suntory Holdings Limited
(21) 2023204699 (22) 14.07.2023
(54) Carbonated Beverage, Syrup Used For Preparing Carbonated Beverage, Method For Manufacturing Carbonated Beverage, And Method For Suppressing Foaming In Carbonated Beverage
(62) 2021204645

Complete Applications Filed - Name Index cont'd

(71) Taiyuan University Of Technology
 (21) 2023206081 (22) 17.07.2023
 (54) Excavation Trajectory Planning Method For Electric Shovels Based On Pile Surface Scanning And Grey Wolf Optimization
 (31) 202310521974.3 (32) 10.05.23 (33) CN

(71) Taranis Power Group Pty Ltd
 (21) 2023204593 (22) 11.07.2023
 (54) Efficiency improvements for electromechanical system for driving a pump
 (62) 2022204061

(71) Techtronic Cordless GP
 (21) 2023204696 (22) 14.07.2023
 (54) Display for controlling robotic tool
 (31) 63/390,574 (32) 19.07.22 (33) US

(71) Techtronic Cordless GP
 (21) 2023204697 (22) 14.07.2023
 (54) Blockchain for authentication of batteries, accessories, and power tools
 (31) 63/392,638 (32) 27.07.22 (33) US

(71) Techtronic Cordless GP
 (21) 2023206080 (22) 17.07.2023
 (54) Outdoor tool and lubrication system thereof
 (31) 63/390325 (32) 19.07.22 (33) US

(71) Techtronic Cordless GP
 (21) 2023206123 (22) 19.07.2023
 (54) Generation of a cryptography key for a robotic garden tool
 (31) 63/393352 (32) 29.07.22 (33) US

(71) Techtronic Cordless GP
 (21) 2023206129 (22) 19.07.2023
 (54) Centrifugal clutch mechanisms
 (31) 63/393,543 (32) 29.07.22 (33) US
 63/425,774 16.11.22 US

(71) Techtronic Cordless GP
 (21) 2023206130 (22) 19.07.2023
 (54) Battery management circuit, battery assembly, and power tool system
 (31) 202210964293.X (32) 11.08.22 (33) CN

(71) Techtronic Cordless GP
 (21) 2023206163 (22) 20.07.2023
 (54) Augmented reality device to indicate a plan for tool usage
 (31) 63/392,651 (32) 27.07.22 (33) US

(71) Techtronic Cordless GP
 (21) 2023206164 (22) 20.07.2023
 (54) Liquid detection sensor for a robotic garden tool
 (31) 17/877,141 (32) 29.07.22 (33) US

(71) Techtronic Cordless GP
 (21) 2023206165 (22) 20.07.2023
 (54) Interconnecting a virtual reality environment with a robotic garden tool
 (31) 63/392644 (32) 27.07.22 (33) US

(71) Teleflex Medical Incorporated
 (21) 2023206161 (22) 20.07.2023
 (54) SURGICAL CLIP
 (62) 2021201164

(71) Telefonaktiebolaget LM Ericsson (publ)
 (21) 2023204657 (22) 13.07.2023
 (54) Timing alignment for wireless device to wireless device measurements
 (62) 2020220451

(71) Tencent America LLC
 (21) 2023204650 (22) 13.07.2023
 (54) METHOD FOR ALIGNMENT ACROSS LAYERS IN CODED VIDEO STREAM
 (62) 2020416598

(71) The Chinese University of Hong Kong
 (21) 2023204613 (22) 12.07.2023
 (54) Molecular analyses using long cell-free fragments in pregnancy
 (62) 2021216616

(71) The Coca-Cola Company
 (21) 2023206170 (22) 20.07.2023
 (54) BIO-BASED POLYETHYLENE TEREPHTHALATE PACKAGING AND METHOD OF MAKING THEREOF
 (62) 2021203660

(71) The Intellectual Gorilla GmbH
 (21) 2023204681 (22) 14.07.2023
 (54) EXTRUDED CEMENT BASED MATERIALS
 (62) 2021203346

(71) The NOCO Company
 (21) 2023206145 (22) 19.07.2023
 (54) Rechargeable battery jump starting device and rechargeable battery assembly
 (62) 2021286367

(71) The Regents of the University of California
 (21) 2023204612 (22) 12.07.2023
 (54) Chimeric antigen receptor and methods of use thereof
 (62) 2021204054

Toshiba Energy Systems & Solutions Corporation see Kabushiki Kaisha Toshiba
 (21) 2023204702

Translate Bio, Inc. see Massachusetts Institute of Technology
 (21) 2023206132

(71) Tritana Intellectual Property Ltd.
 (21) 2023206085 (22) 17.07.2023
 (54) COMBINE HARVESTER WITH WEED SEED DESTRUCTION SYSTEM
 (62) 2022203321

TScan Therapeutics, Inc. see Boudot, A.
 (21) 2023204645

(71) Tyaglin, D.V.
 (21) 2023203712 (22) 14.06.2023
 (54) Urban transportation and logistics system
 (62) 2017308493

(71) University of Massachusetts
 (21) 2023206109 (22) 18.07.2023
 (54) Branched oligonucleotides
 (62) 2017210726

(71) Valent BioSciences LLC
 (21) 2023206127 (22) 19.07.2023
 (54) 1-amino-1-cyclopropanecarboxylic acid formulations
 (62) 2018243281

(71) Vallourec Tubos do Brasil Ltda
 (21) 2023204565 (22) 10.07.2023
 (54) Monitoring system of a railroad axle and peripherals
 (62) 2019362281

(71) Verisure Sàrl
 (21) 2023206119 (22) 18.07.2023
 (54) SMOKE GENERATOR WITH DEFLECTOR
 (62) 2022202186

(71) Vibrant Ltd.
 (21) 2023206120 (22) 18.07.2023
 (54) VIBRATING CAPSULE FOR ENHANCING ABSORPTION OF INGESTED MEDICAMENTS
 (62) 2019251420

(71) VMware, Inc.
 (21) 2023204664 (22) 13.07.2023
 (54) Creating virtual networks spanning multiple public clouds
 (62) 2021221592

(71) wagner, c.
 (21) 2023206171 (22) 20.07.2023
 (54) Go kart carrier

Complete Applications Filed - Name Index cont'd

(71) Watkins, M.
 (21) 2023206098 (22) 18.07.2023
 (54) SURFBOARD AND BLANK FOR A
 SURFBOARD

(71) Werner Co.
 (21) 2023204638 (22) 12.07.2023
 (54) Multi-Position Ladder, Method of Using
 and Method of Making a Multi-Position
 Ladder
 (62) 2021205029

(71) Xactware Solutions, Inc.
 (21) 2023206133 (22) 19.07.2023
 (54) System and method for detecting fea-
 tures in aerial images using disparity
 mapping and segmentation techniques
 (62) 2021201579

(71) X-Chem, Inc.
 (21) 2023206117 (22) 18.07.2023
 (54) Methods for identifying compounds
 (62) 2018256367

(71) Xero Limited
 (21) 2023206104 (22) 18.07.2023
 (54) Network-based automated prediction
 modeling
 (62) 2017305494

Xiang, J. see XWPharma Ltd.
 (21) 2023204703

Xu, Q. see Boudot, A.
 (21) 2023204645

(71) XWPharma Ltd.; Xiang, J.
 (21) 2023204703 (22) 14.07.2023
 (54) Methods of synthesizing 4-valyloxybu-
 tyric acid
 (62) 2020405133

(71) Yale University
 (21) 2023204581 (22) 11.07.2023
 (54) Compounds and compositions for treat-
 ing fibrosis
 (62) 2018388549

(71) Yoshino Gypsum Co., Ltd.
 (21) 2023206183 (22) 20.07.2023
 (54) Gypsum building material having mag-
 netic layer, magnetic joint treatment
 material, and method for producing
 gypsum building material having mag-
 netic layer
 (62) 2017344587

**Zhejiang Jinko Solar Co., Ltd. see Jinko
 Solar Co., Ltd.**
 (21) 2023206112

(71) Zimmer, Inc.
 (21) 2023206091 (22) 18.07.2023
 (54) LINEAR ELECTRIC SURGICAL HAM-
 MER IMPACT TOOL
 (31) 63/390,354 (32) 19.07.22 (33) US
 63/450,316 06.03.23 US

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2023204577	Apple Inc.	2023204664	VMware, Inc.
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2023204615	Global Payment Technologies Australia	2023204683	Acucela Inc.
2023204616	Apple Inc.	2023204684	Gen-Probe Incorporated
2023204617	Dexcom, Inc.	2023204685	Dana-Farber Cancer Institute, Inc.; President and Fel-
2023204618	Gritstone Bio, Inc.		lows of Harvard College
2023204619	GAMBRO LUNDIA AB	2023204686	Deere & Company
2023204620	Nokia Technologies Oy	2023204687	Ishida Co., Ltd.
2023204621	IGT	2023204688	Ishida Co., Ltd.
2023204622	Apple Inc.	2023204689	Pier Tech Systems LLC
2023204623	Chorchek, Inc.	2023204690	4:3:2: Pty Ltd
2023204624	Aerie Pharmaceuticals, Inc.	2023204691	Pier Tech Systems LLC
2023204625	Rhythm Pharmaceuticals, Inc.	2023204692	Aristocrat Technologies, Inc.
2023204627	Access Vascular, Inc.	2023204693	Modra Pharmaceuticals B.V.
2023204628	SaNOtize Research and Development Corp.	2023204694	Altria Client Services LLC
2023204629	McElroy Manufacturing, Inc.	2023204695	Itron, Inc.
2023204630	Safetylink Pty Ltd	2023204696	Techtronic Cordless GP
2023204631	Neutron Therapeutics, Inc.	2023204697	Techtronic Cordless GP
2023204632	Bourgault Industries Ltd.	2023204698	South East Fluid Mechanics Pty. Ltd.
2023204633	Alcon Inc.	2023204699	Suntory Holdings Limited
2023204635	Pujing Chemical Industry Co., Ltd	2023204700	Gilead Sciences, Inc.
2023204637	SAMSUNG ELECTRONICS CO., LTD.	2023204701	Commonwealth Scientific and Industrial Research Or-
2023204638	Werner Co.		ganisation
2023204639	Pint at Home, LLC	2023204702	Kabushiki Kaisha Toshiba; Toshiba Energy Systems &
2023204640	Spin Master, Inc.		Solutions Corporation
2023204641	Chart Energy & Chemicals, Inc.	2023204703	XWPharma Ltd.; Xiang, J.
2023204642	Dexcom, Inc.	2023204704	MagnaLaw Pty Ltd
2023204643	Imtmedical AG	2023204705	Jiangsu Comco Outdoor Products Co., Ltd
2023204644	Fitzgerald, J.	2023204706	Getac Technology Corporation
2023204645	Boudot, A.; Xu, Q.; TScan Therapeutics, Inc.; Jurewicz, M.; Jangalwe, S.; Macbeath, G.; Nayar, R.; Kula, T.; Basinski, A.	2023204707	Relativity Space, Inc.
		2023204708	Relativity Space, Inc.
2023204646	Nalu Medical, Inc.	2023204710	Preda, D.
2023204647	Apple Inc.	2023204711	Angel Group Co., Ltd.
2023204648	Shanghai Pacific Hat Manufacturing Co., Ltd.	2023204712	Gilead Sciences, Inc.
2023204649	Apple Inc.	2023204713	Deere & Company
2023204650	Tencent America LLC	2023204714	Snap-on Incorporated
2023204651	Nunhems B.V.	2023206074	Hydro Limited
2023204653	Monsanto Technology LLC	2023206075	Lashify, Inc.
2023204654	Monsanto Technology LLC	2023206076	Nextracker LLC
2023204655	Rustamzadeh, E.	2023206077	SASCO Australia Pty Ltd
2023204656	Alcon Inc.	2023206078	Scolaro, A.
2023204657	Telefonaktiebolaget LM Ericsson (publ)	2023206079	Metagenomi, Inc.
2023204658	MAKO Surgical Corp.	2023206080	Techtronic Cordless GP
2023204659	Fraunhofer-Gesellschaft zur Foerderung der ange-wandten Forschung e.V.	2023206081	Taiyuan University Of Technology
		2023206082	La Francaise Des Jeux
		2023206083	JINKO SOLAR (HAINING) CO., LTD.

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2023206084	Stryker Corporation	2023206156	LG Electronics Inc.
2023206085	Tritana Intellectual Property Ltd.	2023206157	LG Electronics Inc.
2023206086	React4life Srl	2023206158	Locus Robotics Corp.
2023206087	Sany Mobile Cranes Co. , Ltd.	2023206159	Onlife Inc.
2023206088	Native Microbials, Inc.	2023206160	Fisher & Paykel Healthcare Limited
2023206089	Medizinische Universität Innsbruck	2023206161	Teleflex Medical Incorporated
2023206090	Lam, T.T.	2023206162	LanzaTech, Inc.
2023206091	Zimmer, Inc.	2023206163	Techtronic Cordless GP
2023206092	Case Western Reserve University	2023206164	Techtronic Cordless GP
2023206093	ResMed Pty Ltd	2023206165	Techtronic Cordless GP
2023206094	Gilead Apollo, LLC	2023206166	Sungrow Hydrogen Sci. & Tech. Co., Ltd
2023206095	Aristocrat Technologies Australia Pty Limited	2023206167	Conlan, K.
2023206096	Eaton Intelligent Power Limited	2023206169	Seattle Children's Hospital d/b/a Seattle Children's Research Institute
2023206097	Haruta, P.; Haruta, C.S.; Haruta, K.B.		
2023206098	Watkins, M.	2023206170	The Coca-Cola Company
2023206099	Abiomed, Inc.	2023206171	wagner, c.
2023206100	Boston Scientific Scimed, Inc.	2023206172	Caterpillar Inc.
2023206101	Aristocrat Technologies, Inc.	2023206173	Angel Group Co., Ltd.
2023206102	Edwards Lifesciences Corporation	2023206174	Rheem Australia Pty Limited
2023206103	CPI Card Group - Colorado, INC.	2023206175	Amicus Therapeutics, Inc.
2023206104	Xero Limited	2023206176	Gavrieli Brands, LLC
2023206105	Rite-Hite Holding Corporation	2023206177	Emory University; Children's Healthcare of Atlanta, Inc.
2023206106	Scamacchia, D.	2023206178	Deere & Company
2023206107	Adobe Inc.	2023206179	IGT
2023206108	Beijing Tusen Zhitu Technology Co., Ltd.	2023206180	Aristocrat Technologies, Inc.
2023206109	University of Massachusetts	2023206181	Aristocrat Technologies, Inc.
2023206110	RAGT 2n	2023206182	Aristocrat Technologies, Inc.
2023206111	Research Institute at Nationwide Children's Hospital	2023206183	Yoshino Gypsum Co., Ltd.
2023206112	Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.	2023206184	Kosp Construction Resources Pty Ltd
2023206113	Limacorporate S.p.A.	2023206185	Société des Produits Nestlé S.A.
2023206114	Bird, T.	2023206201	Lineage Cell Therapeutics, Inc.
2023206115	Aristocrat Technologies, Inc.		
2023206116	Angel Group Co., Ltd.		
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2023206118	GLAC BIOTECH CO., LTD.		
2023206119	Verisure Sàrl		
2023206120	Vibrant Ltd.		
2023206121	Carter-Hoffmann, LLC		
2023206122	BEIJING BAIDU NETCOM SCIENCE TECHNOLOGY CO., LTD.		
2023206123	Techtronic Cordless GP		
2023206124	nthalmic holding pty ltd		
2023206125	Regeneron Pharmaceuticals, Inc.		
2023206126	Kite Pharma, Inc.		
2023206127	Valent BioSciences LLC		
2023206128	Biomet Manufacturing, LLC		
2023206129	Techtronic Cordless GP		
2023206130	Techtronic Cordless GP		
2023206131	Alcon Inc.		
2023206132	Massachusetts Institute of Technology; Translate Bio, Inc.		
2023206133	Xactware Solutions, Inc.		
2023206134	Lifeguard Digital Health Inc.		
2023206135	LG Electronics Inc.		
2023206136	LG Electronics Inc.		
2023206137	Schreder S.A.		
2023206138	Komatsu Ltd.		
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2023206140	Contera Pharma A/S		
2023206141	NuVasive, Inc.		
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2023206144	NuVasive Specialized Orthopedics, Inc.		
2023206145	The NOCO Company		
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2023206150	JCB Research		
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2023206153	LG Electronics Inc.		
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Innovation Patent Applications Filed**Name Index**

Applications listed below were processed through the Patent Office Canberra during the period ending 18 Jul 2023 .
(This list may contain multiple listings of a patent application where there are multiple applicants for that patent.)

(71) 2MT Mining Products Pty Ltd
(21) 2023100068 (22) 25.07.2023
(54) PROTECTION SYSTEMS
(62) 2020317370,2022202367

(71) Apple Inc.
(21) 2023100065 (22) 21.07.2023
(54) Force-activated earphone
(62) 2023100000

(71) Croc Hinge Pty Ltd
(21) 2023100066 (22) 21.07.2023
(54) Accessory bracket for a vehicle roof
rack
(62) 2020204433

Lavery, W. see Soden, M.
(21) 2023100067

(71) Soden, M.; Lavery, W.
(21) 2023100067 (22) 25.07.2023
(54) JEWELLERY KEEPER
(62) 2019416794

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2023100065 Apple Inc.
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Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code	Meaning
1	Application Lapsed Section 142(2)(a)
3	Application Lapsed Section 142(2)(c)
4	Application Lapsed Section 142(2)(d)
5	Application Lapsed Section 142(2)(e)
6	Application Lapsed Section 142(2)(f)/Reg. 13.5A(2)/Reg. 8.3(3)
7	Application Lapsed Reg. 3.2A(3)/Reg. 3.2C
8	Application Lapsed Reg. 3.4(6)
9	Application Lapsed Section 142(3)
11	Application Lapsed Section 148(1)(c)
12	Application Withdrawn Section 141(1)
13	Application Withdrawn Section 141(2)/Reg 13.1C\Section 141(3)/See Reg 8.3(2)
14	Patent Ceased Section 143(a), or Expired
15	Patent Ceased Section 143(b)
16	Application Refused
17	Application Lapsed Reg. 22.2B(2)
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

1998
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			2023202603 (1B)	2023202636 (1B)	2023202709 (1B)
			2023202715 (1B)	2023202722 (1B)	2023202746 (1B)
			2023202765 (1B)		

Assignments before Grant, Section 113

2018

2018243123 Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd. The application has been assigned to **Hansoh (Shanghai) Healthtech Co., Ltd.; Changzhou Hansoh Pharmaceutical Co., Ltd.**

2018247567 Fouche, Michael The application has been assigned to **KF CYCLING PTY LTD**

2018295425 Bird, Alan The application has been assigned to **FREEDM LIMITED**

2018321927 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2018367670 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2018394238 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2019

2019218991 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2019237508 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2019263114 Leman Micro Devices, LLC The application has been assigned to **LMD IP, LLC**

2019279453 Prores AS The application has been assigned to **TOPI AS**

2019378591 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020

2020210306 Solidsvac Pty Ltd The application has been assigned to **Solidsvac Pty Ltd**

2020217716 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020234110 Syqe Medical Ltd. The application has been assigned to **ECHO ID LTD**

2020234112 Syqe Medical Ltd The application has been assigned to **ECHO ID LTD**

2020240135 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020241903 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020274569 Nanjing Legend Biotech Co., Ltd. The application has been assigned to **LEGEND BIOTECH USA INC.**

Assignments before Grant, Section 113

2020289952 University College Cardiff Consultants Limited The application has been assigned to **Zip Zinc Ltd**

2020327360 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020328611 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020330133 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020351729 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020355240 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2020369454 Intrexon Corporation The application has been assigned to **GreenVenus, LLC**

2020394290 Prores AS The application has been assigned to **TOPI AS**

2020404272 Nanjing Legend Biotech Co., Ltd. The application has been assigned to **Legend Biotech USA Inc.**

2020414932 Nanjing Legend Biotech Co., Ltd. The application has been assigned to **Legend Biotech USA Inc.**

2021

2021225978 Nanjing Legend Biotech Co., Ltd. The application has been assigned to **Legend Biotech USA Inc.**

2021236763 Codiak BioSciences, Inc. The application has been assigned to **Lonza Sales AG**

2021249647 Mitsubishi Heavy Industries Engineering, Ltd.; The Kansai Electric Power Co., Inc. The application has been assigned to **Mitsubishi Heavy Industries, Ltd.; The Kansai Electric Power Co., Inc.**

2021292180 LGHorizon, LLC The application has been assigned to **Tabor Mountain LLC**

2021409985 SIXGILL, LLC The application has been assigned to **Plainsight Corp.**

2022

2022200968 Ross Equipment Australia Pty Ltd; Howard, Michael The application has been assigned to **Howard, Michael**

2022271388 Voronoi Inc.; VoronoiBio Inc. The application has been assigned to **Voronoi Inc.**

2022902129 DCS Technical Pty Ltd The application has been assigned to **LOOP HYDROMETALLURGY PTY LTD**

Assignments before Grant, Section 113**2023**

2023200878 **Sungrow Power Supply Co., Ltd.** The application has been assigned to **Hefei Zero Carbon Technology Co., Ltd**

2023900245 **Greener Pay Pty Ltd** The application has been assigned to **ESG Technology Group 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.

2010

2010201929 **Supa Peg Australia Pty Ltd** An application to extend the time from 14 May 2022 to 14 Jun 2023 in which to pay a renewal fee has been filed . Address for service - Raven IP PO Box 391 VARSITY LAKES QLD 4227 AU

2018

2018446825 **Instyle Contract Textiles Pty Ltd** An application to extend the time from 23 Oct 2022 to 23 May 2023 in which to pay a continuation fee has been filed . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019

2019101555 **Nutrition Care Pharmaceuticals Pty Ltd; Ausnutria Dairy (China) Co., Ltd** An application to extend the time from 11 Dec 2022 to 11 Jul 2023 in which to pay a continuation fee has been filed . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2022

2022100037 **C3D MUSZAKI TANÁCSADÓ KFT.** An application to extend the time from 23 Jul 2022 to 23 May 2023 in which to pay a renewal fee has been filed . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

Applications Allowed - Section 223(2)**2016**

2016336038 **Alecson Feld Australia Pty Ltd** The time in which to gain acceptance has been extended to 22 Sep 2023 . Address for service - Alecson Feld Australia Pty Ltd Tnhs 12 3 Victoria St Bowral NSW 2576 AU

2018

2018213181 **SunMed Group Holdings, LLC.** The time in which to pay a fee for leave to amend has been extended to 06 Aug 2023 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2018427211 **GCP Applied Technologies Inc.** The time in which to request examination has been extended to 07 Jun 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

Extensions of Time, Section 223**2021**

2021100588 **MICROSECURE CORPORATION PTY LTD** The time in which to comply with a direction under Reg 3.2B has been extended to 25 Jan 2023 . Address for service - MICROSECURE CORPORATION PTY LTD 100 AUSTINS ROAD Humevale VIC 3757 AU

2021377502 **WRIGHT, B.K.** The time in which to enter the National Phase has been filed 13 Jul 2023 . Address for service - Baxter Patent Attorneys Pty Ltd L20, 135 King Street Sydney NSW 2000 AU

2023

2023201061 **Promaxo, Inc.** The time in which to request examination has been extended to 15 Jun 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2023202405 **VLI CONVEYORS PTY LIMITED** The time in which to request examination has been extended to 02 Aug 2023 . Address for service - Caska Intellectual Property Pty Ltd Suite 6.01 Level 6 201 Kent Street Sydney NSW 2000 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.

2016

2016211049 Edible fungi **Marlow Foods Limited** The nature of the amendment is as shown in the statement(s) filed 14 Jun 2023 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017

2017294549 Adrenomedullin for assessing congestion in a subject with acute heart failure **sphingotec GmbH** The nature of the amendment is as shown in the statement(s) filed 05 Jul 2023 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Street Sydney NSW 2000 AU

2017371544 Receptacle closure **LIQUID NATION S.R.L.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2023 . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

2017407989 Methods for fabrication, manufacture and production of an autonomous electrical power source **Face International Corporation** The nature of the amendment is as shown in the statement(s) filed 12 May 2023 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2018

2018275544 Infrared otoscope for characterization of effusion **Otonexus Medical Technologies, Inc.** The nature of the amend-

Amendments

ment is as shown in the statement(s) filed 23 Jun 2023 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2019

2019204505 PROCESS FOR PREPARING AN AQUEOUS DISPERSION OF MULTISTAGE POLYMER PARTICLES **Rohm and Haas Company** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2023 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2019242899 Electrically conductive adhesive **Zoltek Corporation** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2023 . Address for service - Oxygene IP PO Box 611 BALWYN NORTH VIC 3104 AU

2019400384 Cabin **Kubota Corporation** The nature of the amendment is as shown in the statement(s) filed 18 Jul 2023 . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2020

2020217312 NON-HUMAN ANIMALS HAVING HUMANIZED FC-GAMMA RECEPTORS **Regeneron Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2023 . Address for service - Phillips Ormonde Fitzpatrick Level 16 333 Collins Street Melbourne VIC 3000 AU

2020380167 Wireless charging interference mitigation **Apple Inc.** The nature of the amendment is as shown in the statement(s) filed 20 Jul 2023 . Address for service - FPA Patent Attorneys Pty Ltd ANZ Tower 161 Castlereagh Street Sydney NSW 2000 AU

2021

2021200183 Measurement of tissue viability **BBI Medical Innovations, LLC** The nature of the amendment is as shown in the statement(s) filed 17 Jul 2023 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021202533 Extension Ladder, System and Method **Werner Co.** The nature of the amendment is as shown in the statement(s) filed 06 Jul 2023 . Address for service - BOSH IP Pty Ltd PO Box 24035 Melbourne VIC 3001 AU

2021261980 Ventilation mask **SunMed Group Holdings, LLC** The nature of the amendment is as shown in the statement(s) filed 07 Jul 2023 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2022

2022100189 IMPROVED GRATE AND METHOD OF MANUFACTURE (2) **Orca Civil Products Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 12 Jul 2023 . Address for service - Jones Tulloch PO BOX 181 Kew East VIC 3102 AU

Amendments Made

2014

2014255510 **What3words Limited** The nature of the amendment is as shown in the statements filed 05 Sep 2022 and 19 Jan 2023

Amendments

2016

2016313437 **Ryan, R.** The nature of the amendment is as shown in the statement filed 08 Apr 2023

2016332847 **Goleini Inc.** The nature of the amendment is as shown in the statement filed 18 Jul 2023

2017

2017225977 **Magic Leap, Inc.** The nature of the amendment is as shown in the statement filed 27 Apr 2023

2017310774 **Shionogi & Co., Ltd.** The nature of the amendment is: Amend the name of the inventor to read Kawai, Makoto

2017319511 **Rovi Guides, Inc.** The nature of the amendment is as shown in the statement filed 25 Jan 2023

2017331090 **TVA Medical, Inc.** The nature of the amendment is as shown in the statement filed 01 Mar 2023

2017336250 **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statement filed 19 Apr 2023

2017351635 **Brien Holden Vision Institute Limited** The nature of the amendment is as shown in the statement filed 03 Apr 2023

2018

2018213406 **Global Physical Asset Management, Inc.** The nature of the amendment is as shown in the statement filed 21 Mar 2023

2018219901 **Allen, T.** The nature of the amendment is: Amend the priority details to remove 15/429,079

2018241875 **Nicoventures Trading Limited** The nature of the amendment is as shown in the statement filed 09 Mar 2023

2018328102 **ExsoMed Corporation** The nature of the amendment is as shown in the statement filed 17 Apr 2023

2019

2019201721 **Arysta LifeScience Benelux SPRL** The nature of the amendment is as shown in the statement filed 28 Feb 2023

2019288733 **Kite Pharma, Inc.** The nature of the amendment is as shown in the statement filed 13 Apr 2023

2019320533 **Kardion GmbH** The nature of the amendment is: Amend the invention title to read Bearing device for a cardiac support system, and method for flushing an intermediate space in a bearing device for a cardiac support system

2019382463 **Huawei Technologies Co., Ltd.** The nature of the amendment is as shown in the statement filed 19 Apr 2023

2020

2020204253 **Lock Focus Pty Ltd** The nature of the amendment is: Amend the name of the inventor to read BARSHTMAN, Ola; MOREY, Callan and DICKINS, Timothy James

Amendments

2020277232 **Libertas Bio, Inc.** The nature of the amendment is as shown in the statement filed 04 Apr 2023

2020281026 **Miles, S.** The nature of the amendment is as shown in the statement filed 01 Mar 2023

2020340765 **International Frontier Technology Laboratory, Inc.** The nature of the amendment is: Amend the invention title to read COMPOSITION COMPRISING THERMOSENSITIVE GEL AND OLIGOPEPTIDE AND USE THEREOF

2020389633 **Touchstone International Medical Science Co., Ltd.** The nature of the amendment is: Amend the invention title to read Rotating mechanism and surgical stapler

2020401053 **Free Flow Medical, Inc.** The nature of the amendment is: Amend the name of the inventor to read MATHIS, Mark L.; LAU, Michael W.; MITZ, Kevin and BRAXTAN, Ryan

2020433233 **Shandong University** The nature of the amendment is: Amend the invention title to read SYSTEM AND METHOD FOR MONITORING AND VERIFYING GLOBAL FAILURE MODE OF SOIL AND ROCK DUAL-ELEMENT SIDE SLOPE

2020481482 **CHINA RAILWAY BAOJI BRIDGE GROUP CO., LTD.** The nature of the amendment is: Amend the invention title to read Boltless fastener system for heavy haul railways

2021

2021220958 **University of Washington** The nature of the amendment is: Amend the name of the inventor to read KING, Neil P.; WALKEY, Carl; WANG, Jing Yang; FIALA, Brooke; VEESLER, David; WALLS, Alexandra C.; NATTERMANN, Una and ELLIS, Daniel

2021221480 **Fridge Insights Pty Ltd** The nature of the amendment is: Application is to proceed under the number 2021107680

2021245164 **Beijing Baidu Netcom Science Technology Co., Ltd.** The nature of the amendment is: Amend the priority details to read 202011541542.1 23 Dec 2020 CN

2021379691 **UNE LLC** The nature of the amendment is as shown in the statement filed 29 Jun 2023

2021402000 **BREVILLE PTY LIMITED** The nature of the amendment is: Amend the name of the inventor to read WIDANAGAMAGE DON, Lochana Subasekara; PSAROLOGOS, Con; REN, Xiang; LEE, Man Ho Kelvin; KUMAR, Vinay; KONG, Tae-Kyung; BAEZ ALVAREZ, Giovanni and HU, Jianqing

2021409812 **KANNA HEALTH LTD.** The nature of the amendment is as shown in the statement filed 06 Jul 2023

2021410926 **MODULUS DISCOVERY, INC.** The nature of the amendment is: Amend the invention title to read Tetrahydrothienopyrimidinesulfonamide compounds

Amendments**2022**

2022207252 **ASTELLAS PHARMA INC.** The nature of the amendment is: Amend the invention title to read MULTISPECIFIC ANTIBODY BINDING TO ActRIIA, ActRIIB, AND Fn14

2022211352 **F. Hoffmann-La Roche AG** The nature of the amendment is: Amend the name of the inventor to read AYKROYD, Timothy N.; LICHT, Alexander and WOOTEN, Stephanie Ann

2022211581 **ORANO MED** The nature of the amendment is as shown in the statement filed 13 Jul 2023

2022216216 **RAPT THERAPEUTICS, INC.** The nature of the amendment is: Amend the invention title to read Methods of making trans isomeric forms of G protein-coupled receptor modulators

2022221384 **Chromadex Inc.** The nature of the amendment is as shown in the statement filed 26 Apr 2023

2022231500 **KABUSHIKI KAISHA TOYOTA JIDOSHOKKI** The nature of the amendment is: Amend the invention title to read Exhaust gas purification apparatus, exhaust gas purification method, and program

2023

2023202888 **Aristocrat Technologies Australia Pty Limited** The nature of the amendment is: Amend the divisional priority details to read 2021201699

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

2004244416 **Pace PLC** The name of the patentee has been altered to **ARRIS Global Ltd.**

2005

2005250396 **PsiOxus Therapeutics Limited** The name of the patentee has been altered to **AKAMIS BIO LIMITED**

2011

2011299243 **Anacor Pharmaceuticals, Inc.** The name of the patentee has been altered to **Anacor Pharmaceuticals, LLC.**

2013

2013261868 **Discovery Purchase Corporation** The name of the patentee has been altered to **Discovery Purchaser Corporation**

2013267625 **Discovery Purchase Corporation** The name of the patentee has been altered to **Discovery Purchaser Corporation**

2014

2014230766 **Discovery Purchase Corporation** The name of the patentee has been altered to **Discovery Purchaser Corporation**

2015

2015225945 **Imperial Innovations Limited** The name of the patentee has been altered to **IP2IPO Innovations Limited**

Amendments

2015271697 Quest Diagnostics Investments Incorporated; Clinical Genomics Pty Ltd The name of the patentee has been altered to **Clinical Genomics Pty Ltd; Quest Diagnostics Investments LLC**

2015353685 Quest Diagnostics Investments Incorporated The name of the patentee has been altered to **Quest Diagnostics Investments LLC**

2016

2016218044 Discovery Purchase Corporation The name of the patentee has been altered to **Discovery Purchaser Corporation**

2016341178 BioNTech AG The name of the patentee has been altered to **BioNTech SE**

2017

2017249591 Baader Linco, Inc. The name of the patentee has been altered to **Baader Food Systems USA, Inc.**

2018

2018253281 Discovery Purchase Corporation The name of the patentee has been altered to **Discovery Purchaser Corporation**

2018258975 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2018259017 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2018269124 Discovery Purchase Corporation The name of the patentee has been altered to **Discovery Purchaser Corporation**

2018298390 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2018298391 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2019

2019220914 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2019268975 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2019275041 Discovery Purchase Corporation The name of the patentee has been altered to **Discovery Purchaser Corporation**

2019400639 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2019411438 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2019426842 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

Amendments

2020

2020207789 La Bottega dell'Albergo S.p.a. The name of the applicant has been altered to **LA BOTTEGA S.P.A.**

2020220233 The University of Melbourne; National Vision Research Institute of Australia The name of the applicant has been altered to **The University of Melbourne; The National Vision Research Institute of Australia, Australian College of Optometry**

2020326714 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2020407582 Discovery Purchase Corporation The name of the applicant has been altered to **Discovery Purchaser Corporation**

2021

2021330382 CENTRE FOR PROBE DEVELOPMENT AND COMMERCIALIZATION (CPDC) The name of the applicant has been altered to **Centre for Probe Development and Commercialization (CPDC)**

2021376339 QUAISE, INC. The name of the applicant has been altered to **Quaise Energy, Inc.**

2021386812 ZHEJIANG HUODE BIOENGINEERING COMPANY The name of the applicant has been altered to **ZHEJIANG HUODE BIOENGINEERING COMPANY LIMITED**

2021409471 TIMRW LIFE SCIENCES, INC. The name of the applicant has been altered to **TMRW LIFE SCIENCES, INC.**

2021423334 APEX BRANDS, INC.; Minglin SHI The name of the applicant has been altered to **APEX BRANDS, INC.**

2021425889 APEX BRANDS, INC.; Minglin SHI The name of the applicant has been altered to **APEX BRANDS, INC.**

2022

2022200667 Quest Diagnostics Investments Incorporated; Clinical Genomics Pty Ltd The name of the applicant has been altered to **Quest Diagnostics Investments LLC; Clinical Genomics Pty Ltd**

2022203954 JPMorgan Chase Bank, N.A. The name of the applicant has been altered to **Consensys Software Inc.**

2022203955 JPMorgan Chase Bank, N.A. The name of the applicant has been altered to **Consensys Software Inc.**

2022211352 F. HOFFMAN-LA ROCHE AG The name of the applicant has been altered to **F. Hoffmann-La Roche AG**

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2023204567
 (21) 2023204567 (22) 10.07.2023
 (54) Analyte sensors and sensing methods for dual detection of glucose and ethanol
 (51) Int. Cl.
 A61B 5/145 (2006.01)
 A61B 5/1473 (2006.01)
 A61B 5/1486 (2006.01)
 (43) 03.08.2023
 (62) 2020216330
 (72) Ouyang, Tianmei; Feldman, Benjamin J.; Cho, Hyun; Tran, Lam N.; Oja, Stephen; Sloan, Mark K.; Kumar, Ashwin; Kiaie, Namvar; Love, Michael R.
 (74) FPA Patent Attorneys Pty Ltd

(71) Access Vascular, Inc.
 (11) AU-A-2023204627
 (21) 2023204627 (22) 12.07.2023
 (54) High strength biomedical materials
 (51) Int. Cl.
 A61L 29/04 (2006.01)
 A61L 17/10 (2006.01)
 A61L 27/16 (2006.01)
 A61L 27/56 (2006.01)
 A61L 29/14 (2006.01)
 D01D 5/24 (2006.01)
 D01F 6/14 (2006.01)
 (43) 03.08.2023
 (62) 2021205003
 (72) BIGGINS, James F.; BASSETT, Michael; DONAHUE, Daniel
 (74) Spruson & Ferguson

(71) Acerta Pharma B.V.
 (11) AU-A-2023204660
 (21) 2023204660 (22) 13.07.2023
 (54) PROCESSES FOR THE PREPARATION OF 4-{8-AMINO-3-[(2S)-1-(BUT-2-YNOYL)-PYRROLIDIN-2-YL]IMIDAZO[1,5-A]-PYRAZIN-1-YL}N-(PYRIDIN-2-YL)-BENZAMIDE
 (51) Int. Cl.
 C07D 213/75 (2006.01)
 C07D 487/04 (2006.01)
 (43) 03.08.2023
 (62) 2022200828
 (72) Bethel, Paul Allen; Chan, Lai Chun; Cooper, Katie Grace; Cox, Robert John; Golden, Michael David; Hughes, Shaun Alan; Jackson, Lucinda Victoria; Millard, Kirsty Jane; Phillips, Andrew John; Telford, Alexander James; Evarts, Jerry; Lawler, Michael Joseph; Litjens, Remy E. J. N.; Van Eijk, Peter Johannes Servaas Savio; Verstappen, Mathilda Maria Henrica; Vos, Frank L. M.; Zijp, Eric Jurriën; Junying, Qiu; Wang, Angang;

Garrey, Rustam Ferdinand; Short, David Allen
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Acres Technology
 (11) AU-A-2023204599
 (21) 2023204599 (22) 11.07.2023
 (54) Method and Apparatus for Communicating Information about Networked Gaming Machines to Players
 (51) Int. Cl.
 A63F 13/79 (2014.01)
 A63F 13/60 (2014.01)
 G07F 17/32 (2006.01)
 G07F 17/36 (2006.01)
 (43) 03.08.2023
 (62) 2021202979
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Adobe Inc.
 (11) AU-A-2022271364
 (21) 2022271364 (22) 14.11.2022
 (54) FACILITATING IDENTIFICATION OF FILLABLE REGIONS IN A FORM
 (51) Int. Cl.
 G06V 30/413 (2022.01)
 G06F 40/10 (2020.01)
 (31) 17/577,605 (32) 18.01.22 (33) US
 (43) 03.08.2023
 (72) Mehra, Ashutosh; Tensmeyer, Christopher; Morariu, Vlad; Gu, Jiuxiang
 (74) RnB IP Pty Ltd

(71) Aerie Pharmaceuticals, Inc.
 (11) AU-A-2023204624
 (21) 2023204624 (22) 12.07.2023
 (54) ISOQUINOLINE-STEROID CONJUGATES AND USES THEREOF
 (51) Int. Cl.
 C07D 217/02 (2006.01)
 A61K 31/472 (2006.01)
 A61K 31/4725 (2006.01)
 A61K 31/56 (2006.01)
 A61K 47/55 (2017.01)
 A61P 27/06 (2006.01)
 (43) 03.08.2023
 (62) 2019328590
 (72) DELONG, Mitchell A.; CARLSON, Eric; KOPCZYNSKI, Casey; STURDIVANT, Jill M.; LICHOROWIC, Cynthia L.
 (74) K&L Gates

(71) Agriculture Victoria Services Pty Ltd
 (11) AU-A-2023204395
 (21) 2023204395 (22) 07.07.2023
 (54) Endophytes and related methods (5)
 (51) Int. Cl.
 A01H 15/00 (2006.01)
 A01H 17/00 (2006.01)

C07H 21/04 (2006.01)
C12N 1/00 (2006.01)
C12N 1/14 (2006.01)
C12Q 1/25 (2006.01)
C12Q 1/68 (2018.01)
 (43) 03.08.2023
 (62) 2020289812
 (72) Spangenberg, German Carlos; Guthridge, Kathryn Michaela; Forster, John White; Sawbridge, Timothy Ivor; Ludlow, Emma Jane Isobel; Kaur, Jatinder; Rochfort, Simone Jane; Rabinovich, Maia Andrea; Ekanayake, Piyumi
 (74) Jones Tulloch

(71) Alcon Inc.
 (11) AU-A-2023204633
 (21) 2023204633 (22) 12.07.2023
 (54) INTRAOCULAR LENS MATERIALS AND COMPONENTS
 (51) Int. Cl.
 A61F 2/16 (2006.01)
 A61F 2/00 (2006.01)
 A61F 2/14 (2006.01)
 G02C 7/02 (2006.01)
 (43) 03.08.2023
 (62) 2021203350
 (72) Hajela, Sharad; Abdelsadek, Gomaa; Halenbeck, Sean
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Alcon Inc.
 (11) AU-A-2023204656
 (21) 2023204656 (22) 13.07.2023
 (54) Ocular implant and delivery system
 (51) Int. Cl.
 A61F 9/00 (2006.01)
 A61F 9/007 (2006.01)
 (43) 03.08.2023
 (62) 2021212104
 (72) BLANDA, Wendy; SCHIFFMAN, Rhett
 (74) Davies Collison Cave Pty Ltd

(71) Ameri, D.
 (11) AU-A-2022200270
 (21) 2022200270 (22) 17.01.2022
 (54) Aladdins Electronic Hoverboard
 (51) Int. Cl.
 B64C 39/02 (2006.01)
 A63C 17/01 (2006.01)
 (43) 03.08.2023
 (72) Ameri, Dion
 (74) Tyson Ameri

(71) AMERSON Global Gaming Pty Ltd
 (11) AU-A-2023204417
 (21) 2023204417 (22) 07.07.2023
 (54) Gaming apparatus and method
 (51) Int. Cl.

Applications Open to Public Inspection - Name Index cont'd

- A63F 9/24** (2006.01)
A63F 13/00 (2014.01)
G07F 17/32 (2006.01)
(43) 03.08.2023
(62) 2018295564
(72) EID, Linda Maree; ROACH, Nick
(74) Ascot Martin Registered Patent & Trade Mark Attorneys
-
- (71)** Angel Group Co., Ltd.
(11) AU-A-2023204382
(21) 2023204382 **(22)** 07.07.2023
(54) INSPECTION SYSTEM
(51) Int. Cl.
G07F 17/32 (2006.01)
G06K 7/01 (2006.01)
G06K 19/04 (2006.01)
(43) 03.08.2023
(62) 2022201690
(72) Shigeta, Yasushi
(74) RnB IP Pty Ltd
-
- (71)** Angel Group Co., Ltd.
(11) AU-A-2023204403
(21) 2023204403 **(22)** 07.07.2023
(54) Management system of gaming chips and storage box
(51) Int. Cl.
A63F 1/06 (2006.01)
A63F 3/00 (2006.01)
A63F 9/00 (2006.01)
A63F 11/00 (2006.01)
G07D 9/00 (2006.01)
G07F 17/32 (2006.01)
(43) 03.08.2023
(62) 2021202805
(72) Shigeta, Yasushi
(74) FB Rice Pty Ltd
-
- (71)** Apple Inc.
(11) AU-A-2023204396
(21) 2023204396 **(22)** 07.07.2023
(54) User interface for audio message
(51) Int. Cl.
G06F 3/0486 (2013.01)
(43) 03.08.2023
(62) 2022201532
(72) Kim, Andrew Seunghyun; Coffman, Patrick L.; Kvarda, Lisa K.; McGann, Jared K.
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** Apple Inc.
(11) AU-A-2023204577
(21) 2023204577 **(22)** 11.07.2023
(54) Audio driver and power supply unit architecture
(51) Int. Cl.
H04R 1/02 (2006.01)
G06F 3/01 (2006.01)
H04R 1/26 (2006.01)
H04R 1/28 (2006.01)
H04R 1/30 (2006.01)
H04R 1/40 (2006.01)
H04R 3/12 (2006.01)
H04R 5/02 (2006.01)
H04R 31/00 (2006.01)
-
- (43)** 03.08.2023
(62) 2021261922
(72) STANLEY, Craig M.; PORTER, Simon K.; SHEERIN, John H.; TRAIN-ER, Glenn K.; DELLA ROSA, Jason C.; HUWE, Ethan L.; MCINTOSH, Sean T.; WANG, Erik L.; STRINGER, Christopher J.; ANDERSON, Molly J.; PARKER, Samuel G.; WU, Meiting; MENDEZ, Javier; LIU, Rong; COUSINS, Benjamin A.; SUN, Yupin; QI, Jun; BRINSFIELD, Jason W.
(74) FPA Patent Attorneys Pty Ltd
-
- (71)** Apple Inc.
(11) AU-A-2023204608
(21) 2023204608 **(22)** 12.07.2023
(54) Semantic framework for variable haptic output
(51) Int. Cl.
G06F 3/01 (2006.01)
G06F 3/041 (2006.01)
G06F 3/0484 (2022.01)
G06F 11/07 (2006.01)
G06F 11/10 (2006.01)
G08B 1/00 (2006.01)
G08B 3/10 (2006.01)
G08B 6/00 (2006.01)
G08B 23/00 (2006.01)
H04L 12/58 (2006.01)
H04M 1/725 (2021.01)
H04M 19/04 (2006.01)
(43) 03.08.2023
(62) 2021203205
(72) Moussette, Camille; Butcher, Gary; Verweij, Hugo; Ive, Jonathan
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.
(11) AU-A-2023204616
(21) 2023204616 **(22)** 12.07.2023
(54) User interface camera effects
(51) Int. Cl.
H04N 1/60 (2006.01)
(43) 03.08.2023
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.
(11) AU-A-2023204622
(21) 2023204622 **(22)** 12.07.2023
(54) Methods and interfaces for initiating communications
(51) Int. Cl.
G06F 3/048 (2013.01)
(43) 03.08.2023
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.
(11) AU-A-2023204647
(21) 2023204647 **(22)** 13.07.2023
(54) Methods and user interfaces for sharing audio
(51) Int. Cl.
G06F 3/16 (2006.01)
(43) 03.08.2023
(62) 2022204555
(72) CARRIGAN, Taylor G.; COFFMAN, Patrick L.; DE VRIES, Nathan; GRAMHAM, David Chance
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.
(11) AU-A-2023204649
(21) 2023204649 **(22)** 13.07.2023
(54) Method of using one device to unlock another device
(51) Int. Cl.
H04L 29/06 (2006.01)
G06F 21/00 (2013.01)
(43) 03.08.2023
(62) 2021202620
(72) Sauerwald, Conrad; Ledwith, Alexander; Iarocci, John J.; Krochmal, Marc J.; Benson, Wade; Novick, Gregory; Witherspoon, Noah A.
(74) FPA Patent Attorneys Pty Ltd
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- (71)** Apple Inc.
(11) AU-A-2023204666
(21) 2023204666 **(22)** 13.07.2023
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(51) Int. Cl.
G06F 3/0488 (2022.01)
(43) 03.08.2023
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(74) FPA Patent Attorneys Pty Ltd
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- (71)** Apton Biosystems, Inc.
(11) AU-A-2023204394
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(54) Digital analysis of molecular analytes using electrical methods
(51) Int. Cl.
C40B 20/04 (2006.01)

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 (74) FB Rice Pty Ltd

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 (11) AU-A-2023204377
 (21) 2023204377 (22) 06.07.2023
 (54) Moulded cladding panel
 (51) Int. Cl.
E04F 13/04 (2006.01)
B29C 39/08 (2006.01)
B29C 41/04 (2006.01)
E04F 13/08 (2006.01)
E04F 13/21 (2006.01)
 (43) 03.08.2023
 (62) 2018229685
 (72) MARANDOS Nicholas HALL Graeme,
 Peter
 (74) FB Rice Pty Ltd

(71) Baird Technology Pty Ltd
 (11) AU-A-2022200355
 (21) 2022200355 (22) 19.01.2022
 (54) TARGET DEVICE FOR USE IN FIRE-
 ARM TRAINING
 (51) Int. Cl.
F41J 9/02 (2006.01)
F41G 3/26 (2006.01)
F41J 5/18 (2006.01)
G01S 17/89 (2020.01)
G09B 9/00 (2006.01)
F41B 11/00 (2013.01)
F41H 7/00 (2006.01)
G06V 40/10 (2022.01)
G06V 40/16 (2022.01)
G06V 40/20 (2022.01)
 (43) 03.08.2023
 (72) Baird, David
 (74) FLATLINE COURIERS

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 (11) AU-A-2023204605
 (21) 2023204605 (22) 12.07.2023
 (54) Compositions and methods for treating
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 (51) Int. Cl.
C12N 9/22 (2006.01)
C12N 9/78 (2006.01)
C12N 15/10 (2006.01)
 (43) 03.08.2023
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 Wirtgen Mineral Technologies GmbH
 (11) AU-A-2023200222
 (21) 2023200222 (22) 17.01.2023
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 burner having such a distribution ring
 and drying drum having such a burner

(51) Int. Cl.
F23K 3/00 (2006.01)
F23D 1/00 (2006.01)
F23K 1/00 (2006.01)
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 (54) A SUBSTRATE
 (51) Int. Cl.
A61F 13/00 (2006.01)
 (43) 03.08.2023
 (62) 2021209209
 (72) TATE, Melissa L Knothe
 (74) Oxygene IP

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 (11) AU-A-2023200041
 (21) 2023200041 (22) 04.01.2023
 (54) SURFACE CLEANING APPARATUS
 WITH USER INTERFACE
 (51) Int. Cl.
A47L 9/28 (2006.01)
A47L 9/00 (2006.01)
A47L 11/24 (2006.01)
A47L 11/34 (2006.01)
A47L 11/40 (2006.01)
 (31) 63/299,438 (32) 14.01.22 (33) US
 (43) 03.08.2023
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 Busken-; DEBECK, Tyler L.; MILLE,
 David M.; CHUNG, Sang Hoon
 (74) Griffith Hack

(71) Blindware Pty Ltd
 (11) AU-A-2023204594
 (21) 2023204594 (22) 11.07.2023
 (54) Adjustable spring system and method
 for roller blinds
 (51) Int. Cl.
E06B 9/80 (2006.01)
E06B 9/44 (2006.01)
E06B 9/62 (2006.01)
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 (54) Tissue clipping device
 (51) Int. Cl.
A61B 17/29 (2006.01)
A61B 17/128 (2006.01)
A61B 1/00 (2006.01)
A61B 17/00 (2006.01)

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 (11) AU-A-2023204632
 (21) 2023204632 (22) 12.07.2023
 (54) Implement frame mounted product
 meters
 (51) Int. Cl.
A01C 7/08 (2006.01)
A01C 5/06 (2006.01)
A01C 7/06 (2006.01)
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 (43) 03.08.2023
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 HANTKE, Glenn
 (74) FB Rice Pty Ltd

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 (54) SYSTEM AND METHOD FOR SEAL-
 ING COMPONENTS IN A SPA SHELL
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E04H 4/14 (2006.01)
E03C 1/04 (2006.01)
 (31) 17/579,838 (32) 20.01.22 (33) US
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 (74) Dentons Patent Attorneys Australasia
 Limited

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 (11) AU-A-2023204670
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 (54) Sensor fusion for transit applications
 (51) Int. Cl.
G06Q 30/00 (2023.01)
 (43) 03.08.2023
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 olas; SMITH, Ross
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 al infection with Houltuynia Cordata ex-
 tract and Combined Houltuynia Cordata
 and Phyllanthus Urinaria
 (51) Int. Cl.
A61K 36/78 (2006.01)
A61K 36/47 (2006.01)
A61P 31/04 (2006.01)
A61P 31/06 (2006.01)
A61P 31/14 (2006.01)
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(54) Livestock supplement and use thereof
(51) Int. Cl.
A61K 31/395 (2006.01)
A23K 20/137 (2016.01)
A61K 31/52 (2006.01)
A61K 31/522 (2006.01)
A61P 25/00 (2006.01)
A61P 43/00 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

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(54) Mixed refrigerant system and method
(51) Int. Cl.
F25J 1/00 (2006.01)
F25J 1/02 (2006.01)

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(21) 2023204386 (22) 07.07.2023
(54) N-heterocyclic five-membered ring-containing capsid protein assembly inhibitor, pharmaceutical composition thereof, and use thereof
(51) Int. Cl.
C07D 207/34 (2006.01)
A61K 31/4025 (2006.01)
A61P 31/20 (2006.01)
C07D 405/12 (2006.01)

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(74) FPA Patent Attorneys Pty Ltd

(71) Children's Hospital & Research Center at Oakland
(11) AU-A-2023204391
(21) 2023204391 (22) 07.07.2023
(54) Factor H binding protein variants and methods of use thereof
(51) Int. Cl.
C07K 14/22 (2006.01)
A61K 39/095 (2006.01)

A61P 31/04 (2006.01)
A61P 37/04 (2006.01)
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(72) BEERNINK, Peter T.
(74) FB Rice Pty Ltd

(71) Children's Medical Center Corporation
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(54) CYCLIC PROSAPOSIN PEPTIDES AND USES THEREOF
(51) Int. Cl.
C07K 7/08 (2006.01)
A61K 38/08 (2019.01)
A61K 38/10 (2006.01)

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(72) Watnick, Randolph S.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Chorchek, Inc.
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(54) SYSTEM FOR IDENTIFYING ANIMALS SUSCEPTIBLE TO A DISEASE OUTBREAK AND METHOD FOR VERIFYING ANIMAL POPULATION ACTIVITIES
(51) Int. Cl.
G06F 13/00 (2006.01)
G06Q 40/00 (2023.01)
H04W 4/00 (2018.01)

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(74) Cooper IP Pty Ltd

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(54) PEROVSKITE AND OTHER SOLAR CELL MATERIALS
(51) Int. Cl.
H01L 31/0256 (2006.01)
H01L 31/04 (2014.01)

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(72) Irwin, Michael D.; Chute, Jerred A.
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Daifuku Co., Ltd.
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(54) Elevating device
(51) Int. Cl.
B66F 7/08 (2006.01)
B66F 9/04 (2006.01)

(31) 2022-006657 (32) 19.01.22 (33) JP

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(74) Davies Collison Cave Pty Ltd

(71) Dematic Corp.
(11) AU-A-2023204583
(21) 2023204583 (22) 11.07.2023
(54) Free ranging automated guided vehicle and operational system
(51) Int. Cl.
G01C 22/00 (2006.01)
B60G 7/02 (2006.01)
B60W 30/09 (2012.01)
B62D 6/04 (2006.01)
G01S 15/88 (2006.01)
G05D 1/00 (2006.01)

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(72) ALFARO, Rene; O'BRIEN, Mark; GELDERSMA, Matthew; KURUVILA, Riju; BERGHORN, David; KHODL, Michael; GRASCH, David
(74) Griffith Hack

(71) Dexcom, Inc.
(11) AU-A-2023204617
(21) 2023204617 (22) 12.07.2023
(54) Systems and methods for transmitting and continuous monitoring of analyte values
(51) Int. Cl.
G06F 19/00 (2018.01)

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(74) FB Rice Pty Ltd

(71) Dexcom, Inc.
(11) AU-A-2023204642
(21) 2023204642 (22) 13.07.2023
(54) System and method for communication of analyte data
(51) Int. Cl.
A61B 5/00 (2006.01)

(43) 03.08.2023
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(72) HAMPAPURAM, Hari; KAMATH, Apurv Ullas; PASCUAL, Francis William; CHUM DEW, Darin Edward; MANDAPAKA, Aditya; AMIDEI, James Stephen; BURNETTE, Douglas William; PENDER, William A.; PAUL, Nathanael; PLOOF, Michael A.
(74) FB Rice Pty Ltd

(71) Donovan Group Holdings Limited
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(21) 2023204383 (22) 07.07.2023
(54) IMPROVEMENTS IN, OR RELATING TO, CONSTRUCTION BRACING
(51) Int. Cl.

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F16B 7/18 (2006.01)
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(74) Dentons Patent Attorneys Australasia Limited
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- (71)** DUG Technology (Australia) Pty Ltd
(11) AU-A-2023204673
(21) 2023204673 **(22)** 13.07.2023
(54) METHOD FOR DETERMINING NOTIONAL SEISMIC SOURCE SIGNATURES AND THEIR GHOSTS FROM NEAR FIELD MEASUREMENTS AND ITS APPLICATION TO DETERMINING FAR FIELD SOURCE SIGNATURES
(51) Int. Cl.
G01V 1/36 (2006.01)
G01V 1/30 (2006.01)
G01V 1/38 (2006.01)
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(72) Hampson, Gary
(74) AUSTRALASIA IP PTY LTD
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(11) AU-A-2023204555
(21) 2023204555 **(22)** 10.07.2023
(54) Compositions and methods for selective gene regulation
(51) Int. Cl.
C12N 15/79 (2006.01)
A61P 25/08 (2006.01)
A61P 25/16 (2006.01)
A61P 25/28 (2006.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** ETA Green Power Limited
(11) AU-A-2023200168
(21) 2023200168 **(22)** 13.01.2023
(54) A METHOD OF MANUFACTURING A STATOR FOR A SLOTLESS ELECTRIC MOTOR
(51) Int. Cl.
H02K 3/46 (2006.01)
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H02K 3/48 (2006.01)
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(72) Bowman, Liam; Collings, Henry
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71)** Ex Electrical Pty Ltd
(11) AU-A-2022200337
(21) 2022200337 **(22)** 19.01.2022
(54) A vehicle for handling a cable drum for a cable
(51) Int. Cl.
- B60P 3/035** (2006.01)
B60P 1/48 (2006.01)
B66D 3/18 (2006.01)
(43) 03.08.2023
(72) Lindfield, Graeme
(74) Northern Lights IP
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- (71)** Fenix Group, Inc.
(11) AU-A-2023204368
(21) 2023204368 **(22)** 06.07.2023
(54) Multiple communication modes and network services in a self-contained unit
(51) Int. Cl.
G06F 11/20 (2006.01)
H04W 36/00 (2009.01)
(43) 03.08.2023
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(72) PETERSON, David; SCHANER, Stefan; THOMPSON, Taylor; COXWELL, Bryan; HOOGLAND, Aaron
(74) Allens Patent & Trade Mark Attorneys
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- (71)** Fisher & Paykel Healthcare Limited
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(21) 2023204155 **(22)** 29.06.2023
(54) PATIENT INTERFACE AND HEADGEAR
(51) Int. Cl.
A61M 16/06 (2006.01)
A62B 9/00 (2006.01)
A62B 18/00 (2006.01)
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(74) AJ PARK
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(21) 2023204165 **(22)** 29.06.2023
(54) INFLUENZA VIRUS MUTANTS AND USES THEREFOR
(51) Int. Cl.
A61K 39/145 (2006.01)
A61P 31/16 (2006.01)
C12N 7/01 (2006.01)
C12N 15/33 (2006.01)
(43) 03.08.2023
(62) 2020201760
(72) Bilsel, Pamuk; Hatta, Yasuko
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** Foster, D.
(11) AU-A-2022200308
(21) 2022200308 **(22)** 18.01.2022
(54) Protective Guard for a Disc Opener of a Row Unit of a Disc Planter
(51) Int. Cl.
A01B 71/08 (2006.01)
A01C 5/06 (2006.01)
A01C 7/20 (2006.01)
- (43)** 03.08.2023
(72) Foster, Dale
(74) Clark Intellectual Property Pty Ltd
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- (71)** Fraunhofer-Gesellschaft zur Foerderung der angewandten Forschung e.V.
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(21) 2023204659 **(22)** 13.07.2023
(54) Decoder and decoding method selecting an error concealment mode, and encoder and encoding method
(51) Int. Cl.
H04L 1/00 (2006.01)
G10L 19/005 (2013.01)
(43) 03.08.2023
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(74) FB Rice Pty Ltd
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- (71)** Gallagher Group Limited
(11) AU-A-2023204402
(21) 2023204402 **(22)** 07.07.2023
(54) An Antenna for a RFID System
(51) Int. Cl.
H01Q 21/00 (2006.01)
H04B 7/00 (2006.01)
(43) 03.08.2023
(62) 2021203091
(72) LONG, Murray Donald
(74) James & Wells Intellectual Property
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- (71)** GAMBRO LUNDIA AB
(11) AU-A-2023204619
(21) 2023204619 **(22)** 12.07.2023
(54) Apparatus for extracorporeal treatment of blood and process of calculating set flow rates in a medical apparatus for delivery or collection of fluids
(51) Int. Cl.
A61M 1/16 (2006.01)
A61M 1/34 (2006.01)
(43) 03.08.2023
(62) 2020277152
(72) POUCHOULIN, Dominique
(74) Griffith Hack
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- (71)** GE Video Compression, LLC
(11) AU-A-2023203089
(21) 2023203089 **(22)** 17.05.2023
(54) Video encoder, video decoder, methods for encoding and decoding and video data stream for realizing advanced video coding concepts
(51) Int. Cl.
H04N 19/70 (2014.01)
H04N 19/503 (2014.01)
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 (11) AU-A-2023204615
 (21) 2023204615 (22) 12.07.2023
 (54) Configuring a gaming machine to accept credit via recyclable non-currency tokens
 (51) Int. Cl.
G07F 7/00 (2006.01)
 (43) 03.08.2023
 (62) 2021203043
 (72) SOUSSA, Andre
 (74) Spruson & Ferguson

(71) Greatcell Energy Limited
 (11) AU-A-2023204564
 (21) 2023204564 (22) 10.07.2023
 (54) A Photovoltaic Device
 (51) Int. Cl.
H01L 51/42 (2006.01)
 (43) 03.08.2023
 (62) 2021204722
 (72) CAI, Zhihong; DESILVESTRO, Hans; JIANG, Nancy
 (74) Adams Pluck

(71) GREEN LI-ION PTE. LTD.
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C01B 25/45 (2006.01)
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A61K 39/00 (2006.01)
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A61K 35/15 (2015.01)
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A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
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 (51) Int. Cl.
A61B 34/00 (2016.01)
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G16H 50/50 (2018.01)
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G16H 20/40 (2018.01)
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A61K 35/745 (2015.01)
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 (54) Information provision device, information provision method, and information provision program
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A63F 13/45 (2014.01)
A63F 13/80 (2014.01)
A63F 13/812 (2014.01)
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A61M 16/00 (2006.01)
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F16H 59/44 (2006.01)
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H02G 3/14 (2006.01)
H01R 13/40 (2006.01)
H02B 1/28 (2006.01)
H02G 3/10 (2006.01)
H05K 5/02 (2006.01)
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 (54) Refrigerator
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F25C 1/24 (2018.01)
F25C 1/18 (2006.01)
F25C 1/25 (2018.01)
F25C 5/08 (2006.01)
F25D 23/02 (2006.01)
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 (51) Int. Cl.
D06F 39/04 (2006.01)
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 (54) Image decoding method and device in accordance with block split structure in image coding system
 (51) Int. Cl.
H04N 19/119 (2014.01)
H04N 19/122 (2014.01)
H04N 19/176 (2014.01)
H04N 19/70 (2014.01)
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 (54) Refrigerator
 (51) Int. Cl.
F25D 11/00 (2006.01)
F25C 1/18 (2006.01)
F25C 1/24 (2018.01)
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F25D 25/02 (2006.01)
F25D 29/00 (2006.01)

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 (74) Dentons Patent Attorneys Australasia Limited

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G06F 3/04886 (2022.01)
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 (31) 10-2022-0008795 (32) 20.01.22 (33) KR
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B63C 13/00 (2006.01)
B63B 5/24 (2006.01)
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 (72) Robbins, Samuel S.; Norman, Dennis Jay
 (74) Clark Intellectual Property Pty Ltd

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 (54) Systems and tools for use with surgical robotic manipulators
 (51) Int. Cl.
A61B 17/32 (2006.01)
A61B 34/30 (2016.01)
A61B 90/98 (2016.01)
F16D 1/08 (2006.01)
F16D 1/10 (2006.01)
F16D 15/00 (2006.01)
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 (51) Int. Cl.
A61F 13/475 (2006.01)
A41B 9/00 (2006.01)
A61F 13/476 (2006.01)
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(54) Gravity fed smoker
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A47J 37/00 (2006.01)
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(72) POWELL, Olin; CARTER, Adam; TERRELL, Robert V.; MERCER, Daniel John
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E04G 21/12 (2006.01)
B25J 11/00 (2006.01)
G06T 7/70 (2017.01)
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(51) Int. Cl.
E04G 21/12 (2006.01)
B21F 27/08 (2006.01)
B25J 11/00 (2006.01)
B25J 19/02 (2006.01)
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(54) BINDING DEVICE, BINDING SYSTEM, METHOD FOR CONTROLLING BINDING DEVICE, AND PROGRAM
(51) Int. Cl.
E04G 21/12 (2006.01)
B25J 9/16 (2006.01)
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E04C 5/16 (2006.01)
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(54) BINDING SYSTEM, METHOD FOR CONTROLLING BINDING DEVICE, AND PROGRAM
(51) Int. Cl.
E04G 21/12 (2006.01)
B21F 15/06 (2006.01)
B21F 23/00 (2006.01)
B25B 25/00 (2006.01)
B25J 9/16 (2006.01)
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A61B 18/14 (2006.01)
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B29C 65/02 (2006.01)
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B29C 65/78 (2006.01)
F16L 47/02 (2006.01)
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(51) Int. Cl.
A61B 17/88 (2006.01)
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C12N 5/0793 (2010.01)
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B65D 19/08 (2006.01)
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C12N 15/113 (2010.01)
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(74) Griffith Hack
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(54) METHODS AND DEVICES FOR DETECTION AND ACQUISITION OF BIOMARKERS
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 (54) PROCESS FOR SELECTIVE RECOVERY OF CHALCOPHILE GROUP ELEMENTS
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 C22B 3/16 (2006.01)
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 (72) EKSTEEN, JACOBUS JOHANNES; ORABY, ELSAYED ABDELRADY
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 (54) Modified widened container
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 E04H 1/02 (2006.01)
 B25H 1/10 (2006.01)
 B26D 1/18 (2006.01)
 B26D 3/00 (2006.01)
 B26D 7/02 (2006.01)
 B26D 11/00 (2006.01)
 B65D 88/12 (2006.01)
 E04G 25/04 (2006.01)
 E04H 1/12 (2006.01)
 E04B 1/343 (2006.01)
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 (72) ADAMS, Paul Thomas
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 A61F 2/954 (2013.01)
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 H05B 6/10 (2006.01)
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 (51) Int. Cl.
 G06Q 20/38 (2012.01)
 H04L 9/32 (2006.01)

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 (72) Alastair, Johnson
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(71) Oatey Co.
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 (54) Roof flashing
 (51) Int. Cl.
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 (74) Davies Collison Cave Pty Ltd

(71) Papivax Biotech Inc.
 (11) AU-A-2022200326
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 (54) VACCINE COMBINATION AND METHOD FOR USING THE SAME
 (51) Int. Cl.
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 A61K 39/395 (2006.01)
 A61P 35/00 (2006.01)
 C07K 14/005 (2006.01)
 C07K 16/28 (2006.01)
 C12N 7/00 (2006.01)
 C12N 15/86 (2006.01)
 A61K 39/00 (2006.01)
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 (54) Modified bacteriophage
 (51) Int. Cl.
 C12N 7/00 (2006.01)
 C12N 15/74 (2006.01)
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 (72) FAIRHEAD, Heather; WILKINSON, Adam
 (74) FB Rice Pty Ltd

(71) Pint at Home, LLC
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 C12G 1/022 (2006.01)
 C12G 3/02 (2019.01)
 C12N 11/08 (2020.01)
 C12N 11/10 (2006.01)
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 (54) DEWATERING SYSTEMS AND METH-
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B01D 33/00 (2006.01)
B01D 37/04 (2006.01)
C02F 11/12 (2019.01)
C02F 1/52 (2023.01)
C02F 11/14 (2019.01)
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 (54) COMBUSTION SYSTEM AND METH-
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F23K 5/04 (2006.01)
F23D 3/02 (2006.01)
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 (74) Madderns Pty Ltd

(71) Prolacta Bioscience, Inc.
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 post-operative care
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A23C 9/20 (2006.01)
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B01J 23/44 (2006.01)
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 (54) METHOD AND SYSTEM FOR USING
 SENSOR DATA FROM REHABILIT-
 ATION OR EXERCISE EQUIPMENT
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G16H 20/00 (2018.01)
A61B 34/00 (2016.01)
G06F 3/01 (2006.01)
G06N 20/00 (2019.01)
G16H 10/60 (2018.01)
G16H 20/30 (2018.01)
G16H 20/40 (2018.01)
G16H 40/67 (2018.01)
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 Daniel; Guaneri, Joseph; Greene,
 Jonathan; Mueller, Micheal
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 (54) WIRE STRAINERS
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E04H 17/26 (2006.01)
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A61M 29/00 (2006.01)
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 (54) Multiplexing control information in a
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H04L 5/00 (2006.01)
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 leasing solutions
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A61M 35/00 (2006.01)
C01B 21/24 (2006.01)
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 (54) SYNAPSE FORMATION AGENT
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H01H 23/00 (2006.01)
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 (54) Cap and method of manufacturing cap
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A42B 1/04 (2021.01)
A42C 1/00 (2006.01)
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 (54) SYSTEMS, DEVICES, AND METHODS FOR DETERMINING INJURY RISK AND ATHLETIC READINESS
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G16H 20/30 (2018.01)
G16H 20/40 (2018.01)
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F16K 15/20 (2006.01)
A47C 27/08 (2006.01)
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C07D 401/14 (2006.01)
A61K 31/5377 (2006.01)
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C07D 401/04 (2006.01)
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A62C 3/06 (2006.01)
A62C 3/16 (2006.01)
A62C 31/02 (2006.01)
A62C 37/11 (2006.01)
H01M 50/383 (2021.01)
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 (51) Int. Cl.
A62C 3/06 (2006.01)
A62C 31/00 (2006.01)
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A61M 16/04 (2006.01)
A61M 16/08 (2006.01)

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(54) Universal connector with splines
(51) Int. Cl.
F16L 19/025 (2006.01)
F16L 9/00 (2006.01)
F16L 15/00 (2006.01)
A63B 5/11 (2006.01)
A63B 9/00 (2006.01)
A63B 17/04 (2006.01)
E04G 7/00 (2006.01)
F16L 37/084 (2006.01)
F16L 37/12 (2006.01)
F16L 41/02 (2006.01)
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(54) Universal connector in parts
(51) Int. Cl.
F16L 19/025 (2006.01)
F16L 9/00 (2006.01)
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A63B 5/11 (2006.01)
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(54) Universal connector with ratchet
(51) Int. Cl.
F16L 15/00 (2006.01)
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A63B 5/11 (2006.01)
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H02P 29/00 (2016.01)
F04B 17/03 (2006.01)
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F04B 49/10 (2006.01)
F04C 28/28 (2006.01)
F04D 13/02 (2006.01)
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H01M 50/213 (2021.01)
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H01M 50/583 (2021.01)
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(54) METHOD AND APPARATUS FOR VIDEO CODING
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H04N 19/105 (2014.01)
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H04N 19/139 (2014.01)
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H04N 19/33 (2014.01)
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G06F 21/60 (2013.01)
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G06F 21/71 (2013.01)
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A61K 48/00 (2006.01)
C07K 16/28 (2006.01)
C12N 5/0783 (2010.01)
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 (74) Wynnes Patent and Trade Mark Attorneys Pty Ltd

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 (54) Systems and methods for distributing and dispensing chocolate
 (51) Int. Cl.
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B67D 3/00 (2006.01)
B67D 7/00 (2010.01)
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 (54) INSPECTION SYSTEM AND METHOD
 (51) Int. Cl.
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F24F 11/30 (2018.01)
G05B 19/048 (2006.01)
G06F 11/00 (2006.01)
G06F 11/07 (2006.01)
G06F 11/22 (2006.01)
G06Q 10/20 (2023.01)
G07C 5/00 (2006.01)
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A61K 38/17 (2006.01)
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C07K 16/18 (2006.01)
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E01C 1/04 (2006.01)
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G06Q 10/08 (2023.01)
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A61M 5/172 (2006.01)
A61B 5/145 (2006.01)
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G06N 20 /- 2023204667	G16H 40 /- 2023204667	H04N 1 /- 2023204616
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G06T 7 /- 2023200323	H01L 51 /- 2023204564	H04R 5 /- 2023204577
G06V 30 /- 2022271364	H01M 10 /- 2022275506	H04W 28 /- 2023204404
G06V 40 /- 2022200355	H01M 50 /- 2023200112 2023200235 2023200246	H04W 36 /- 2023204368
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G08B 3 /- 2023204608	H02P 29 /- 2023204593	H05K 7 /- 2022252795 2023200058
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 (51) Int. Cl.
 C12Q 1/6806 (2018.01)
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 (72) STAHL, Patrik; MARKLUND, Maja; LLORENS BOBADILLA, Enric; FRIS-EN, Jonas
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 (11) AU-A-2021405419
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 C08J 3/05 (2006.01)
 A01N 25/04 (2006.01)
 A23L 29/20 (2016.01)
 A23L 29/262 (2016.01)
 A23L 29/275 (2016.01)
 A61K 8/04 (2006.01)
 A61K 9/10 (2006.01)
 A61L 27/50 (2006.01)
 C08J 3/11 (2006.01)
 C08L 101/00 (2006.01)
 C09D 5/00 (2006.01)
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 (72) DI NARDO, Thomas
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 (54) COMPOSITIONS AND METHODS FOR SITE-DIRECTED MUTAGENESIS
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 A61K 38/46 (2006.01)
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 (72) JARJOUR, Jordan; KROSTAG, Anne-Rachel
 (74) Davies Collison Cave Pty Ltd

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 (54) DATA PROCESSING SYSTEM WITH MANIPULATION OF LOGICAL DATA-SET GROUPS
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 G06F 16/26 (2019.01)
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(71) ABION INC.
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 (54) PROPHYLACTIC ADMINISTRATION METHOD AGAINST RESPIRATORY VIRUS, COMPRISING ADMINISTERING INTERFERON-BETA TO POTENTIAL RESPIRATORY VIRUS-INFECTED SUBJECT
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 A61K 38/21 (2006.01)
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 A61P 31/12 (2006.01)
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 (54) POLYPEPTIDES COMPRISING IMMUNOGLOBULIN SINGLE VARIABLE DOMAINS TARGETING GLYPICAN-3 AND T CELL RECEPTOR
 (51) Int. Cl.
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 (54) SOLANESOL VACCINE ADJUVANTS AND METHODS OF PREPARING SAME
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 (54) A COMBINED LAUNCH VEHICLE AND SATELLITE SYSTEM
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 B64G 1/40 (2006.01)
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 (72) SHAH KHADRI, Syed Peer Mohamed; RAVICHANDRAN, Srinath
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 (54) COMPOUND OR SALT THEREOF, AND ANTIBODY OBTAINED THEREFROM
 (51) Int. Cl.
C07K 16/00 (2006.01)
A61K 39/395 (2006.01)
A61K 47/54 (2017.01)
A61K 47/65 (2017.01)
A61K 47/68 (2017.01)
A61P 43/00 (2006.01)
C07K 1/00 (2006.01)
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C12N 15/13 (2006.01)
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 (72) FUJII, Tomohiro; YAMADA, Kei; MATSUDA, Yutaka; HIRAMA, Ryusuke; HATADA, Noriko
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 (54) COMPOUND OR SALT THEREOF, AND ANTIBODY PRODUCED USING SAME
 (51) Int. Cl.
C07K 14/00 (2006.01)
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B64C 29/00 (2006.01)
G01S 13/933 (2020.01)
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 (72) PEARSON, Matthew James; BREUT, Florian
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 (54) METHODS OF TREATING COMPLEMENT MEDIATED THROMBOTIC MICROANGIOPATHY USING AN ANTI-C5 ANTIBODY
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 (72) TRUMPER, Paul Richard; THOM, Jennifer; KAMENSKI, Andrei; COTTON, Graham John; BARELLE, Caroline Jane; KOVALEVA, Marina; PORTER, Andrew Justin Radcliffe
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A61K 31/191 (2006.01)
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A61P 25/28 (2006.01)
C07C 59/105 (2006.01)
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 (72) SANCILIO, Fred D.
 (74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71) ALTERYX, INC.
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 (54) MEMORY MANAGEMENT THROUGH CONTROL OF DATA PROCESSING TASKS
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 (54) PAPER PACKAGING WITH THIN FILM BARRIER
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B32B 1/02 (2006.01)
B32B 7/14 (2006.01)
B32B 27/08 (2006.01)
B32B 27/10 (2006.01)
B32B 27/30 (2006.01)
B32B 27/32 (2006.01)
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 (31) 63/144,303 (32) 01.02.21 (33) US
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 (72) DE RYBEL, Nils; ETTRIDGE, Peter; COOLS, Pieter; BIRCH, Steve; STEWART, Paul
 (74) Origin Patent and Trade Mark Attorneys
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 (72) DE RYBEL, Nils; ETTRIDGE, Peter; COOLS, Pieter; BIRCH, Steve; STEWART, Paul
 (74) Origin Patent and Trade Mark Attorneys
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- (71) AMERICAN STERILIZER COMPANY
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 (54) MEDICAL DEVICE SUPPORT SYSTEM INCLUDING ROTATIONAL CONTROL MECHANISM
 (51) Int. Cl.
A61G 12/00 (2006.01)
A61B 90/50 (2016.01)
F16D 49/08 (2006.01)
 (87) WO2022/150159
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 (72) HESER, Michael Joseph; PICHLER, Jerime Josef
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 A61G 12/00 (2006.01)
 A61B 90/40 (2016.01)
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 A61G 12/00 (2006.01)
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 (54) HAND TOOL WITH LOCKING FLEXIBLE HEAD
 (51) Int. Cl.
 B25B 23/00 (2006.01)
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 (72) SHI, Minglin; YANG, Cheng; TSENG, Yi-hsiang; SHEN, Tsung-hsien
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 (72) EZZO, Mark Anthony; POPPE, Matthew John; SPECIALE, Andrew Thomas
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 (72) ZHANG, Kai
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 (54) AQUEOUS COMPOSITION OF AN ENGINEERED PROTEIN CONSTRUCT COMPRISING AN FC DOMAIN
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 A61K 9/08 (2006.01)
 A61K 38/17 (2006.01)
 A61K 47/18 (2017.01)
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 H04J 3/06 (2006.01)
 H04N 21/61 (2011.01)
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 (72) NEUGEBOREN, Yair; CYR, Gregory J.
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 (21) 2021413899 (22) 30.12.2021
 (54) MONOCLONAL ANTIBODY AGAINST HUMAN MAC-1 AND USES THEREOF
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 (72) LEE, Frank Wen-Chi; LU, Yen-Ta; CHANG, Chia-Ming; HUANG, Ping-Yen; TSAI, I-Fang
 (74) FPA Patent Attorneys Pty Ltd

(71) ASKLEPIOS BIOPHARMACEUTICAL, INC.
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 (54) METHOD FOR PURIFYING RECOMBINANT VIRAL PARTICLES
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 B01D 15/16 (2006.01)
 B01D 15/36 (2006.01)
 B01D 15/38 (2006.01)
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 (72) ZEKOVIC, Tamara; SMITH, Connor; GREBACK-CLARKE, Paul; VORST, Eric; GRAHAM, Eva; SMITH, Jacob; BAJROVIC, Irmela; HOBBS, Jordan; TIKKANEN, Robert; GRIEGER, Josh
 (74) FB Rice Pty Ltd

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 (11) AU-A-2022207252
 (21) 2022207252 (22) 12.01.2022
 (54) MULTISPECIFIC ANTIBODY BONDING TO ActRIIA, ActRIIB, AND Fn14
 (51) Int. Cl.
 C12N 15/13 (2006.01)
 A61K 39/395 (2006.01)
 A61P 21/00 (2006.01)
 C07K 16/28 (2006.01)
 C07K 16/46 (2006.01)
 C12N 1/15 (2006.01)
 C12N 1/19 (2006.01)
 C12N 1/21 (2006.01)
 C12N 5/10 (2006.01)
 C12N 15/62 (2006.01)
 C12N 15/63 (2006.01)
 C12P 21/02 (2006.01)
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 (54) COMPOSITIONS AND METHODS FOR SOFT TISSUE AUGMENTATION
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A61F 6/06 (2006.01)
A61K 9/00 (2006.01)
A61K 47/32 (2006.01)
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 (31) 63/138,267 (32) 15.01.21 (33) US
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 (51) Int. Cl.
A23C 9/12 (2006.01)
A23C 9/127 (2006.01)
A23C 9/13 (2006.01)
A23L 33/105 (2016.01)
A23L 33/135 (2016.01)
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 (31) 63/139,027 (32) 19.01.21 (33) US
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 (72) MCNAUGHTON, Neville
 (74) AJ Pietras IP Limited

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 (54) A PAPER BASED CORRUGATED ENVELOPE
 (51) Int. Cl.
B65D 27/00 (2006.01)
B32B 23/06 (2006.01)
 (87) WO2022/130415
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 (72) EKTA, Chandan Mahesh
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 (54) WIRE AND CATHETER PLACEMENT DEVICE
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A61M 25/06 (2006.01)
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 (54) METHOD FOR PREPARING AN ENANTIOMERICALLY ENRICHED FORM OF 2-[2-(2-CHLOROTHIAZOL-5-YL)-2-HYDROXY-ETHYL]SULFANYL-6-HYDROXY-3-METHYL-5-PHENYL-PYRIMIDIN-4-ONE
 (51) Int. Cl.
C07D 417/12 (2006.01)
 (87) WO2022/157316
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 (43) 28.07.2022
 (72) MCLAUGHLIN, Martin John; KORADIN, Christopher; KADUSKAR, Rahul; SHINDE, Harish; GOETZ, Roland; GARIVET, Guillaume Michel Jacques
 (74) Griffith Hack

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 (54) METHOD FOR PREPARING AN ENANTIOMERICALLY ENRICHED FORM OF 3-(2-CHLOROTHIAZOL-5-YL)-8-METHYL-7-OXO-6-PHENYL-2,3-DIHYDROTHIAZOLO[3,2-A]PYRIMIDIN-4-IUM-5-OLATE
 (51) Int. Cl.
C07D 495/04 (2006.01)
 (87) WO2022/157323
 (31) 21153038.1 (32) 22.01.21 (33) EP
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 (72) KORADIN, Christopher; MCLAUGHLIN, Martin John; GOETZ, Roland; KADUSKAR, Rahul; SHINDE, Harish
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(71) BASF SE
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 (21) 2022210826 (22) 21.01.2022
 (54) METHOD FOR PREPARING AN ENANTIOMERICALLY ENRICHED FORM OF 3-(2-CHLOROTHIAZOL-5-YL)-8-METHYL-7-OXO-6-PHENYL-2,3-DIHYDROTHIAZOLO[3,2-A]PYRIMIDIN-4-IUM-5-OLATE
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C07D 495/04 (2006.01)
 (87) WO2022/157321
 (31) 21153036.5 (32) 22.01.21 (33) EP
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 (21) 2022211139 (22) 21.01.2022
 (54) METHOD FOR PREPARING 2-[2-(2-CHLOROTHIAZOL-5-YL)-2-OXO-ETHYL]SULFANYL-6-HYDROXY-3-METHYL-5-PHENYL-PYRIMIDIN-4-ONE
 (51) Int. Cl.
C07D 239/68 (2006.01)
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 (43) 28.07.2022
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 (74) Griffith Hack

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 (11) AU-A-2022210210
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 (54) SYRINGE WITH A BIDIRECTIONAL PLUNGER ADVANCING MECHANISM FOR A MICRO-DOSING SYRINGE PUMP
 (51) Int. Cl.
A61M 5/315 (2006.01)
A61M 5/145 (2006.01)
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 (31) 17/153,172 (32) 20.01.21 (33) US
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 (72) ANDERSON, Nicholas; BEAUPRE, Andrew
 (74) FB Rice Pty Ltd

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 (21) 2021409381 (22) 20.12.2021
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A61K 31/4164 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 233/54 (2006.01)
C07D 487/04 (2006.01)
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 (51) Int. Cl.
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(21) 2022212035 **(22)** 28.01.2022
(54) QUINOLINES AND AZAQUINOLINES AS INHIBITORS OF CD38
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 31/4375 (2006.01)
C07D 401/04 (2006.01)
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(31) 63/143,245 **(32)** 29.01.21 **(33)** US
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(11) AU-A-2021410052
(21) 2021410052 **(22)** 06.12.2021
(54) PARASITICIDAL COLLAR COMPRISING ISOXAZOLINE COMPOUNDS
(51) Int. Cl.
A61K 31/4155 (2006.01)
A01N 25/34 (2006.01)
A01N 53/00 (2006.01)
A61K 31/42 (2006.01)
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(21) 2021416610 **(22)** 20.07.2021
(54) SOLAR ENERGY UTILIZATION DEVICE
(51) Int. Cl.
H01L 31/052 (2014.01)
F24S 10/40 (2018.01)
F24S 23/30 (2018.01)
F24S 23/70 (2018.01)
H02S 40/22 (2014.01)
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(72) HU, Xiaoping
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(51) Int. Cl.
C02F 1/00 (2023.01)
B01D 27/08 (2006.01)
B01D 35/143 (2006.01)
B01D 37/04 (2006.01)
C02F 1/28 (2023.01)
C02F 1/42 (2023.01)
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(54) DECELLULARIZED MAMMALIAN EXTRACELLULAR MATRIX MORSELS, METHODS MAKING AND METHODS OF USING SAME
(51) Int. Cl.
A61L 27/20 (2006.01)
A61L 27/22 (2006.01)
A61L 27/24 (2006.01)
A61L 27/36 (2006.01)
A61L 27/38 (2006.01)
A61L 27/54 (2006.01)
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(43) 30.06.2022
(72) IP, Blanche C.; MORGAN, Jeffrey R.
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(11) AU-A-2021402016
(21) 2021402016 **(22)** 18.12.2021
(54) LOAD DISTRIBUTION DEVICE FOR IMPROVING THE MOBILITY OF THE CENTER OF MASS OF A USER DURING COMPLEX MOTIONS
(51) Int. Cl.
A61H 3/00 (2006.01)
A61F 2/50 (2006.01)
A61F 2/60 (2006.01)
B25J 9/00 (2006.01)
B25J 11/00 (2006.01)
(87) WO2022/126284
(31) 63/127,806 **(32)** 18.12.20 **(33)** US
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(72) ZOSO, Nathaniel; BÉDARD, Stéphane
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(54) METHOD AND SYSTEM FOR THE GENERATION AND ANALYSIS OF BIOMECHANICAL DATA
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A61B 5/11 (2006.01)
G16H 50/30 (2018.01)
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(51) Int. Cl.
G01C 21/20 (2006.01)
G06Q 10/08 (2023.01)
G08G 3/00 (2006.01)
G08G 3/02 (2006.01)
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(11) AU-A-2022208661
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(54) CRYSTALLINE BUFOTENIDINE COMPOUNDS
(51) Int. Cl.
A61K 31/4045 (2006.01)
A61P 3/10 (2006.01)
A61P 35/00 (2006.01)
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(31) 63/137,378 **(32)** 14.01.21 **(33)** US
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(72) CHADEAYNE, Andrew R.
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(11) AU-A-2022209855
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(54) MEMS MIRROR ARRAYS WITH REDUCED CROSSTALK AND METHODS OF MANUFACTURE
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G02B 26/08 (2006.01)
G02B 26/10 (2006.01)
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(31) 17/647,670 **(32)** 11.01.22 **(33)** US
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- (71)** CAPACITY BIO, INC.
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(54) METHODS AND AGENTS THAT STIMULATE MITOCHONDRIAL TURNOVER FOR TREATING DISEASE
(51) Int. Cl.
C07D 213/36 (2006.01)
C07D 213/52 (2006.01)
C07D 401/06 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (54) GPCR RECEPTOR AGONISTS, PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME, AND METHODS FOR THEIR USE
 (51) Int. Cl.
C07D 401/14 (2006.01)
A61K 31/4184 (2006.01)
A61K 31/437 (2006.01)
A61K 31/439 (2006.01)
A61K 31/444 (2006.01)
A61K 31/496 (2006.01)
A61P 3/00 (2006.01)
C07D 403/14 (2006.01)
C07D 405/14 (2006.01)
C07D 413/14 (2006.01)
C07D 487/04 (2006.01)
C07D 487/08 (2006.01)

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 63/183,612 03.05.21 US
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 (74) AJ PARK

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 (21) 2021404131 (22) 13.12.2021
 (54) COMPOSITIONS AND METHODS
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61K 39/02 (2006.01)
A61K 39/12 (2006.01)
 (87) WO2022/129881
 (31) 2019767.9 (32) 15.12.20 (33) GB
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 (54) MULTIFUNCTIONAL PIECE OF FURNITURE
 (51) Int. Cl.
A47B 85/06 (2006.01)
A47B 77/06 (2006.01)
A47B 77/08 (2006.01)
B60P 3/39 (2006.01)
E03C 1/18 (2006.01)
F24C 15/30 (2006.01)
 (87) WO2022/128483
 (31) 10 2020 134 244.6 (32) 18.12.20 (33) DE

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 (72) KONNERTH, Jan-Michael
 (74) Dentons Patent Attorneys Australasia Limited

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 (21) 2022205676 (22) 10.01.2022
 (54) IMPROVED DELIVERY APPARATUS TO DELIVER A HIDDEN ITEM INSIDE A FOOD
 (51) Int. Cl.
B65D 85/36 (2006.01)
A21D 13/48 (2017.01)
A23G 3/50 (2006.01)
A47J 47/02 (2006.01)
A63H 13/16 (2006.01)
B65D 85/60 (2006.01)
 (87) WO2022/150697
 (31) 63/135,040 (32) 08.01.21 (33) US
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 (43) 14.07.2022
 (72) CHARM, Elizabeth M.; DJURAGIC, Jovo; LONG, Jordan
 (74) Griffith Hack

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 (11) AU-A-2021403015
 (21) 2021403015 (22) 15.12.2021
 (54) MULTI-CYCLIC IRAK AND FLT3 INHIBITING COMPOUNDS AND USES THEREOF
 (51) Int. Cl.
A61K 31/5025 (2006.01)
A61P 35/00 (2006.01)
C07D 401/04 (2006.01)
C07D 401/14 (2006.01)
C07D 487/04 (2006.01)
 (87) WO2022/132936
 (31) 63/125,654 (32) 15.12.20 (33) US
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 (72) HOYT, Scott, Bryan; THOMAS, Craig, Joseph; STARCZYNOWSKI, Daniel, T.; SUTTER, Patrick, Joseph; TAWA, Gregory, James; FINOCCHIO, Chris, James; ROSENBAUM, Jan, Susan; GRACIA MALDONADO, Gabriel
 (74) AJ PARK

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 (54) ADENO-ASSOCIATED VIRUS CAPSIDS AND VECTORS
 (51) Int. Cl.
C07K 14/005 (2006.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

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 (11) AU-A-2021413605
 (21) 2021413605 (22) 30.12.2021
 (54) BLOCKCHAIN-BASED METHOD AND SYSTEM FOR SDP ACCESS CONTROL
 (51) Int. Cl.
G06F 21/31 (2013.01)
G06F 21/45 (2013.01)
G06F 21/60 (2013.01)
G06F 21/64 (2013.01)
 (87) WO2022/143935
 (31) 202110001453.6 (32) 04.01.21 (33) CN
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 (74) ADASTRA IP PTY LTD

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 (21) 2020481482 (22) 17.12.2020
 (54) BOLTLESS FASTENER SYSTEM FOR HEAVY-HAUL RAILWAYS
 (51) Int. Cl.
E01B 9/28 (2006.01)
E01B 9/30 (2006.01)
E01B 9/62 (2006.01)
E01B 9/68 (2006.01)
 (87) WO2022/126535
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 (43) 23.06.2022
 (72) FENG, Yi; LEI, Jie; SHI, Qingfeng; WU, Guangze; YUAN, Baojun
 (74) FB Rice Pty Ltd

(71) COBIORES NV
 (11) AU-A-2021405744
 (21) 2021405744 (22) 22.12.2021
 (54) COMPOUNDS COMPRISING A TETRAPEPTIDIC MOIETY
 (51) Int. Cl.
A61K 47/64 (2017.01)
A61K 38/07 (2006.01)
A61P 35/00 (2006.01)
C07K 5/103 (2006.01)
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 (31) 20216764.9 (32) 22.12.20 (33) EP
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 (72) CASAZZA, Andrea; KINDT, Nele; REYNS, Geert; VAN HELLEPUTTE, Lawrence; DEFERT, Olivier
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(71) COLGATE-PALMOLIVE COMPANY
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 (21) 2022215469 (22) 06.01.2022
 (54) SYSTEM AND DEVICES FOR MULTISPECTRAL 3D IMAGING AND

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A61B 5/00 (2006.01)
A61C 19/04 (2006.01)
G01S 17/894 (2020.01)
(87) WO2022/169544
(31) 63/144,612 **(32)** 02.02.21 **(33)** US
(43) 11.08.2022
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(11) AU-A-2021410630
(21) 2021410630 **(22)** 16.12.2021
(54) SYNTHESIS OF STRUCTURAL ANALOGS OF LARGAZOLE AND ASSOCIATED COMPOUNDS
(51) Int. Cl.
A61K 31/429 (2006.01)
C07D 498/18 (2006.01)
C07D 513/18 (2006.01)
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(31) 63/128,273 **(32)** 21.12.20 **(33)** US
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(74) Houlihan Intellectual Property Pty Ltd
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- (71)** CONOCOPHILLIPS COMPANY
(11) AU-A-2022208723
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(54) HYDRAULIC INTEGRITY ANALYSIS
(51) Int. Cl.
E21B 49/00 (2006.01)
E21B 44/00 (2006.01)
E21B 47/00 (2012.01)
E21B 47/008 (2012.01)
E21B 47/06 (2012.01)
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(51) Int. Cl.
H01M 4/36 (2006.01)
H01M 4/136 (2010.01)
H01M 4/58 (2010.01)
H01M 4/62 (2006.01)
H01M 10/0525 (2010.01)
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(51) Int. Cl.
A61K 9/48 (2006.01)
A61J 3/07 (2006.01)
A61K 9/10 (2006.01)
A61K 45/06 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
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C12Q 1/6886 (2018.01)
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C12P 41/00 (2006.01)
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C12P 11/00 (2006.01)
C12R 1/72 (2006.01)
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H01L 23/00 (2006.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
C01B 32/26 (2017.01)
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A61P 31/14 (2006.01)
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A47J 42/40 (2006.01)
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E21C 37/16 (2006.01)
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E21D 9/08 (2006.01)
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F24C 15/20 (2006.01)
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A61K 47/68 (2017.01)
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A61P 35/00 (2006.01)
A61K 38/00 (2006.01)
A61K 38/17 (2006.01)
A61K 41/00 (2020.01)
A61K 47/50 (2017.01)
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C07K 16/28 (2006.01)
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E21B 19/20 (2006.01)
E21B 15/00 (2006.01)
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A47K 5/12 (2006.01)
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F02M 31/00 (2006.01)
B01D 47/10 (2006.01)
B01D 47/14 (2006.01)
B01D 53/00 (2006.01)
B01D 53/14 (2006.01)
C01B 3/02 (2006.01)
F04B 39/16 (2006.01)
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C07C 271/20 (2006.01)
A61K 9/127 (2006.01)
A61K 47/16 (2006.01)
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A61K 47/22 (2006.01)
A61P 35/00 (2006.01)
C07C 323/12 (2006.01)
C07D 211/14 (2006.01)
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G01S 15/89 (2006.01)
A61B 8/00 (2006.01)
G01N 29/00 (2006.01)
G01S 7/52 (2006.01)
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G10K 11/34 (2006.01)
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C07D 417/10 (2006.01)
A61K 31/554 (2006.01)
A61P 35/00 (2006.01)
C07D 417/14 (2006.01)
C07D 513/04 (2006.01)
C07D 519/00 (2006.01)
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A61K 31/00 (2006.01)
A61K 38/21 (2006.01)
A61P 29/00 (2006.01)
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B65D 88/30 (2006.01)
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G01N 33/24 (2006.01)
G01T 1/24 (2006.01)
G01T 1/29 (2006.01)
G01T 3/06 (2006.01)
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A61M 16/08 (2006.01)
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A61M 16/12 (2006.01)
A61M 16/20 (2006.01)
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(54) PATIENT INTERFACE
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B66C 1/10 (2006.01)
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B01D 21/24 (2006.01)
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B02C 17/18 (2006.01)
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E04H 4/12 (2006.01)
H04L 12/28 (2006.01)
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(51) Int. Cl.
C07D 401/04 (2006.01)
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(72) CAO, Yanchun; XU, Zhijian; LIU, Xin
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A41D 13/11 (2006.01)
A62B 18/02 (2006.01)
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C12Q 1/6886 (2018.01)
G01N 33/50 (2006.01)
G06N 20/00 (2019.01)
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C08K 3/016 (2018.01)
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F16F 9/02 (2006.01)
F16F 9/18 (2006.01)
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 (51) Int. Cl.
 C07D 403/06 (2006.01)
 A61K 31/496 (2006.01)
 A61P 19/00 (2006.01)
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 A61P 35/00 (2006.01)
 C07D 401/14 (2006.01)
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 C07D 519/00 (2006.01)
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 A61K 39/00 (2006.01)
 A61K 45/00 (2006.01)
 A61P 35/00 (2006.01)
 B01D 15/08 (2006.01)
 C07B 57/00 (2006.01)
 C07K 1/22 (2006.01)
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 A61K 31/475 (2006.01)
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 A61K 31/4365 (2006.01)
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 A61K 9/08 (2006.01)
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 A61K 38/00 (2006.01)
 A61K 47/10 (2017.01)
 A61K 47/18 (2017.01)
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 (54) INSULATOR
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A01K 3/00 (2006.01)
B25C 3/00 (2006.01)
B25C 7/00 (2006.01)
E04H 17/00 (2006.01)
H01B 17/16 (2006.01)
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A61P 31/12 (2006.01)
C07D 209/42 (2006.01)
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D01F 2/24 (2006.01)
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F24F 1/32 (2011.01)
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H02G 3/04 (2006.01)
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C01B 25/45 (2006.01)
C22B 3/06 (2006.01)
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C07D 495/04 (2006.01)
A61K 31/4353 (2006.01)
A61P 35/00 (2006.01)
C07D 498/04 (2006.01)
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E21B 21/06 (2006.01)
B03C 1/28 (2006.01)
E21B 21/08 (2006.01)
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F16J 15/36 (2006.01)
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<p>(71) HANGZHOU AGS MEDTECH CO., LTD. (11) AU-A-2022208119 (21) 2022208119 (22) 12.01.2022 (54) CLIP DEVICE, CLIP INSTRUMENT, AND CLIP UNLOCKING METHOD (51) Int. Cl. A61B 17/12 (2006.01) (87) WO2022/152187 (31) 202110043045.7 (32) 13.01.21 (33) CN 202110874523.9 30.07.21 CN (43) 21.07.2022 (72) ZHANG, Cheng; SHI, Baiming; YAN, Chao; YAO, Feng (74) Spruson & Ferguson</p>	<p>(71) HEMOSHEAR THERAPEUTICS, INC. (11) AU-A-2022209750 (21) 2022209750 (22) 20.01.2022 (54) METHODS FOR SYNTHESIZING SUBSTITUTED CARBOXYLIC ACIDS AND PHARMACEUTICALLY ACCEPTABLE SALTS THEREOF (51) Int. Cl. A61K 31/185 (2006.01) A61K 31/19 (2006.01) C07C 51/00 (2006.01) C07C 51/42 (2006.01) C07C 53/124 (2006.01) C07C 53/126 (2006.01) (87) WO2022/159540 (31) 63/139,497 (32) 20.01.21 (33) US (43) 28.07.2022 (72) HENKE, Brad; ROPER, Thomas (74) RnB IP Pty Ltd</p>	<p>(71) HOLOGIC, INC. (11) AU-A-2021409160 (21) 2021409160 (22) 09.06.2021 (54) MINI C-ARM WITH A VARIABLE APERTURE ASSEMBLY (51) Int. Cl. A61B 6/00 (2006.01) (87) WO2022/139874 (31) 63/129,266 (32) 22.12.20 (33) US (43) 30.06.2022 (72) PHAM, Tri; HANSROUL, Marc; PHILIPS, David (74) FB Rice Pty Ltd</p>
<p>(71) HASLEA, INC. (11) AU-A-2021400577 (21) 2021400577 (22) 15.12.2021 (54) SYSTEMS AND METHODS FOR AUTOMATED MATURATION OF OYSTERS (51) Int. Cl. A01K 61/00 (2017.01) A01K 61/54 (2017.01) A01K 61/55 (2017.01) A01K 61/65 (2017.01)</p>	<p>(71) HENKEL AG & CO. KGAA (11) AU-A-2022214827 (21) 2022214827 (22) 27.01.2022 (54) PROCESS OF INCORPORATING GELLING AND PHASE SEPARATION INHIBITOR INTO A FILLED POLYURETHANE REACTIVE HOT MELT ADHESIVE (51) Int. Cl. C09J 175/04 (2006.01) C08G 18/20 (2006.01) C08G 18/40 (2006.01) C08K 3/26 (2006.01) C09J 11/04 (2006.01) C09J 11/06 (2006.01) C09J 11/08 (2006.01) (87) WO2022/164947 (31) 63/142,735 (32) 28.01.21 (33) US 63/260,741 31.08.21 US (43) 04.08.2022 (72) LI, Yingjie; QIN, Shuhui (74) Spruson & Ferguson</p>	<p>(71) HUNG, M. (11) AU-A-2021402788 (21) 2021402788 (22) 14.12.2021 (54) USE OF PHARMACEUTICAL COMPOSITION FOR TREATING LUNG CANCER (51) Int. Cl. A61K 31/538 (2006.01) A61K 31/4439 (2006.01) A61P 9/10 (2006.01) A61P 35/02 (2006.01) A61P 35/04 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01) (87) WO2022/127751 (31) 63/126,849 (32) 17.12.20 (33) US</p>

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A61P 1/04 (2006.01)
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H02K 11/20 (2016.01)
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D04H 1/4291 (2012.01)
D04H 1/541 (2012.01)
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(54) SYSTEM AND METHOD FOR SHARED CONTROL OF DISTRIBUTED ENERGY RESOURCES
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H02J 3/38 (2006.01)
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D21H 27/30 (2006.01)
B32B 29/02 (2006.01)
D21H 11/04 (2006.01)
D21H 11/08 (2006.01)
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C07H 15/10 (2006.01)
A61K 39/385 (2006.01)
A61P 37/04 (2006.01)
C07H 15/04 (2006.01)
C07K 7/08 (2006.01)
C07K 9/00 (2006.01)
C07K 14/165 (2006.01)
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C05F 17/40 (2020.01)
A43B 1/00 (2006.01)
C05F 17/00 (2020.01)
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C12N 5/10 (2006.01)
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H02J 3/00 (2006.01)
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B60L 53/63 (2019.01)
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A61K 9/70 (2006.01)
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A61K 31/505 (2006.01)
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H02S 10/40 (2014.01)
H02S 20/10 (2014.01)
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A61B 17/14 (2006.01)
A61B 17/16 (2006.01)
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A61B 34/30 (2016.01)
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B23D 59/00 (2006.01)
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H04W 4/20 (2018.01)
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A61K 31/436 (2006.01)
A61K 47/18 (2017.01)
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C01B 25/14 (2006.01)
H01M 10/052 (2010.01)
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A01G 3/02 (2006.01)
A01G 7/00 (2006.01)
B64C 27/08 (2023.01)
B64C 39/02 (2023.01)
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C25B 15/023 (2021.01)
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A61P 35/00 (2006.01)
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C07C 237/40 (2006.01)
C07D 213/70 (2006.01)
C07D 213/75 (2006.01)
C07D 233/60 (2006.01)
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C07C 68/02 (2006.01)
B01J 35/02 (2006.01)
C07C 69/96 (2006.01)
C07C 263/10 (2006.01)
C07C 265/04 (2006.01)
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C07D 263/44 (2006.01)
C07D 317/38 (2006.01)
C08G 64/20 (2006.01)
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A61K 31/4709 (2006.01)
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C25B 3/03 (2021.01)
C10L 3/08 (2006.01)
C25B 1/04 (2021.01)
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C25B 9/00 (2021.01)
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A61B 5/021 (2006.01)
A61B 5/024 (2006.01)
A61B 5/026 (2006.01)
A61B 5/08 (2006.01)
G16H 40/67 (2018.01)
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B63B 35/44 (2006.01)
B63B 39/04 (2006.01)
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E02D 27/52 (2006.01)
F03D 13/25 (2016.01)
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B32B 9/06 (2006.01)
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B32B 27/36 (2006.01)
B32B 27/40 (2006.01)
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B65G 1/137 (2006.01)
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G06Q 10/08 (2023.01)
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C12F 3/02 (2006.01)
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C12M 1/107 (2006.01)
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B63B 35/03 (2006.01)
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B63C 11/52 (2006.01)
E21B 17/01 (2006.01)
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F16L 1/12 (2006.01)

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H03K 17/687 (2006.01)
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A61K 36/185 (2006.01)
A61K 38/48 (2006.01)
A61P 31/14 (2006.01)
C12N 9/50 (2006.01)
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C12P 5/00 (2006.01)
C12P 19/56 (2006.01)
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A61J 1/16 (2023.01)
A47B 96/00 (2006.01)
F16M 11/18 (2006.01)
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C08G 18/50 (2006.01)
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A63H 3/28 (2006.01)
A63H 33/42 (2006.01)
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G01B 9/02 (2022.01)
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G01B 9/02061 (2022.01)
G01J 3/02 (2006.01)
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C07D 401/14 (2006.01)
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C07J 63/00 (2006.01)
A61K 31/575 (2006.01)
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C07K 16/28 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/573 (2006.01)
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F21V 8/00 (2006.01)
G02B 6/02 (2006.01)
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(72) SPONG, Steven Richard
(74) LAMINAR IP PTY LTD
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- (71) SALUBRIS BIOTHERAPEUTICS, INC.
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(54) IL-15 FUSION PROTEINS AND METHODS OF MAKING AND USING SAME
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A61P 35/00 (2006.01)
A61K 38/00 (2006.01)
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B01J 8/24 (2006.01)
B01J 8/26 (2006.01)
F23C 10/04 (2006.01)
F23C 10/08 (2006.01)
F23C 10/18 (2006.01)
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 (54) METHODS TO QUANTIFY RATE OF CLONAL EXPANSION AND METHODS FOR TREATING CLONAL HEMATOPOIESIS AND HEMATOLOGIC MALIGNANCIES
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G01N 33/68 (2006.01)
A61P 35/02 (2006.01)
C12Q 1/6886 (2018.01)
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 (51) Int. Cl.
C09K 5/04 (2006.01)
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A23L 33/155 (2016.01)
A61K 9/00 (2006.01)
A61K 31/593 (2006.01)
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G01N 33/00 (2006.01)
G01M 3/16 (2006.01)
G01N 3/38 (2006.01)
G01V 8/10 (2006.01)
G01W 1/00 (2006.01)
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 (54) COMPOSITIONS AND METHODS FOR TREATMENT OF NIEMANN PICK TYPE A DISEASE
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A61K 9/00 (2006.01)
A61K 31/7105 (2006.01)
C12N 7/00 (2006.01)
C12N 15/113 (2010.01)
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A61P 35/00 (2006.01)
C07D 257/02 (2006.01)
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G06Q 30/00 (2023.01)
G06T 7/00 (2017.01)
G06T 7/73 (2017.01)
G06T 11/00 (2006.01)
G06T 11/60 (2006.01)
G06V 10/74 (2022.01)
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G06F 16/35 (2019.01)
G06Q 30/00 (2023.01)
G06T 7/00 (2017.01)
G06V 10/74 (2022.01)
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F16T 1/22 (2006.01)
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G06N 5/00 (2023.01)
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 (51) Int. Cl.
F16L 55/00 (2006.01)
F16G 11/04 (2006.01)
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 (74) Patent Attorney Services
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 (54) COMPOSITION
 (51) Int. Cl.
C11D 1/83 (2006.01)
C11D 1/02 (2006.01)
C11D 1/29 (2006.01)
C11D 1/37 (2006.01)
C11D 3/00 (2006.01)
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 (51) Int. Cl.
 C11D 1/66 (2006.01)
 C11D 1/83 (2006.01)
 C11D 3/04 (2006.01)
 C11D 3/20 (2006.01)
 C11D 3/37 (2006.01)
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 TAKEMLON, Olivier; STEFANOVI,
 Michele; VALCARENGHI, Ivan
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 (54) COMPOSITION
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 C11D 1/74 (2006.01)
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 NETT, Julie; DIEDERICHS, Jan; GUO,
 Xiaoqiang; HALLIER, Peter Josef;
 HÖVELMANN, Felix Florian; MUTCH,
 Kevin James; SCHAEFER, Carsten
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 (51) Int. Cl.
 C11D 1/83 (2006.01)
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 HALLIER, Peter Josef; HÖVELMANN,
 Felix Florian; MUTCH, Kevin James;
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 Carsten
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 (54) COMPOSITION
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 C11D 1/74 (2006.01)
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 (54) SYSTEM AND METHOD FOR MEAS-
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 WITH ULTRASOUND
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 A61B 5/02 (2006.01)
 A61B 5/145 (2006.01)
 A61B 8/00 (2006.01)
 A61B 8/04 (2006.01)
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 C07D 401/04 (2006.01)
 A01N 43/56 (2006.01)
 A01P 7/04 (2006.01)
 C07B 39/00 (2006.01)
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 Jigar Kantilal
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 (54) METABOLICALLY MODIFIED VANILLA
 BEANS AND METHODS FOR PRODU-
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 A23L 27/10 (2016.01)
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 (74) PIPERS

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 (54) MODULAR BATTERY STORAGE SYS-
 TEM WITH RECHARGEABLE EN-
 ERGY STORAGE MODULES, AND
 METHOD FOR OPERATING THE BAT-
 TERY STORAGE SYSTEM
 (51) Int. Cl.
 H01M 10/42 (2006.01)

B60L 50/60 (2019.01)
H01M 10/00 (2006.01)
H01M 10/44 (2006.01)
H01M 10/613 (2014.01)
H01M 50/204 (2021.01)
H01M 50/224 (2021.01)
H01M 50/227 (2021.01)
H01M 50/231 (2021.01)
H01M 50/502 (2021.01)
H02J 7/00 (2006.01)
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 (31) 21155140.3 (32) 04.02.21 (33) EP
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 (72) KLOOS, Dieter
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 POWER CONSERVATION FOR IM-
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 A61M 39/02 (2006.01)
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 Andrew; JOHNSON, Theodore, C;
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 (54) METHODS AND COMPOSITIONS
 FOR DNA BASED KINSHIP ANALYSIS
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 C12Q 1/6827 (2018.01)
 G16B 20/20 (2019.01)
 G16B 20/40 (2019.01)
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 H02J 3/38 (2006.01)
 F03D 7/02 (2006.01)
 F03D 7/04 (2006.01)
 H02J 3/50 (2006.01)
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 A61P 13/12 (2006.01)
 A61P 37/00 (2006.01)
 C07K 14/55 (2006.01)
 C07K 16/24 (2006.01)
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 A23F 5/24 (2006.01)
 (87) WO2022/132708
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 (54) PROCESS FOR RECOVERING MATERIALS FROM BAUXITE RESIDUE, MICROWAVE REACTOR FOR HEATING MINING PRODUCTS AND METHOD FOR HEATING A MINING PRODUCT
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 C22B 1/02 (2006.01)
 B01J 19/12 (2006.01)
 C22B 1/24 (2006.01)
 C22B 3/04 (2006.01)
 C22B 3/22 (2006.01)
 C22B 21/02 (2006.01)
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 (74) GLMR
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 F24F 5/00 (2006.01)
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 (31) PI2020006990 (32) 23.12.20 (33) MY
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 (72) LOW, Wai Koon
 (74) A.P.T. Patent and Trade Mark Attorneys
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 (21) 2021408621 (22) 08.06.2021
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 (51) Int. Cl.
 H02P 21/14 (2016.01)
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 H02P 21/22 (2016.01)
 H02P 21/34 (2016.01)
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 (72) WANG, Jinpeng
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 (51) Int. Cl.
 G09F 3/00 (2006.01)
 A44C 5/00 (2006.01)
 A61B 5/117 (2016.01)
 B41L 1/22 (2006.01)
 B41L 1/26 (2006.01)
 B41M 5/00 (2006.01)
 G08B 13/181 (2006.01)
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 A23K 10/30 (2016.01)
 A23K 20/20 (2016.01)
 A23K 50/10 (2016.01)
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 (31) 202111544466.4 (32) 16.12.21 (33) CN
 (43) 22.06.2023
 (72) ZHANG, Xia; ZHANG, Chuyue; ZHANG, Yao; KANG, Le
 (74) Ran Tao
-
- (71) ZHUHAI UNITED LABORATORIES CO., LTD.
 (11) AU-A-2022214702
 (21) 2022214702 (22) 17.01.2022
 (54) ORAL PREPARATION CONTAINING JAK INHIBITOR OR SALT THEREOF OR CRYSTAL FORM THEREOF, PREPARATION METHOD THEREFOR, AND APPLICATION THEREOF
 (51) Int. Cl.
 A61K 31/437 (2006.01)
 A61P 19/02 (2006.01)
 A61P 37/06 (2006.01)
 A61P 37/08 (2006.01)
 C07D 471/04 (2006.01)
 C07D 487/00 (2006.01)
 (87) WO2022/161205
 (31) 202110114769.6 (32) 29.01.21 (33) CN
 (43) 04.08.2022
 (72) WANG, Zheng; GAO, Peng; YU, Tingting; HE, Yujun; SHEN, Meiyue; MU, Liwei; LIU, Jingjing; SHI, Lixiu; WANG, Degang
 (74) Wulff Partners Pty Ltd
-
- (71) ZIVO BIOSCIENCE, INC.
 (11) AU-A-2022213400
 (21) 2022213400 (22) 28.01.2022
 (54) MATURATION OF IMMUNE AND METABOLIC PROCESSES VIA ALGAL BIOMASS AND/OR RELATED MATERIAL ADMINISTERED TO ANIMALS
 (51) Int. Cl.
 A61K 39/39 (2006.01)
 A23K 50/00 (2016.01)
 A61K 31/739 (2006.01)
 A61K 39/002 (2006.01)
 A61P 33/00 (2006.01)
 C07K 14/44 (2006.01)
 (87) WO2022/165202
 (31) 63/143,444 (32) 29.01.21 (33) US
 17/587,582 28.01.22 US
 (43) 04.08.2022
 (72) PFUND, William, P.; STEFFEK, Amy, E.; DAHL, Andrew, A.
 (74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD
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- (71) ZTE CORPORATION
 (11) AU-A-2021408115
 (21) 2021408115 (22) 20.12.2021
 (54) LOW-DENSITY PARITY-CHECK ENCODING METHOD, LOW-DENSITY PARITY-CHECK DECODING METHOD, ENCODING DEVICE, DECODING DEVICE AND MEDIUM
 (51) Int. Cl.
 H03M 13/11 (2006.01)
 (87) WO2022/135318
 (31) 202011545892.5 (32) 23.12.20 (33) CN
 (43) 30.06.2022
 (72) LI, Liguang; XU, Jin; YU, Guanghui; LIANG, Chulong; XU, Jun; FU, Qiang; KANG, Jian
 (74) Michael Buck IP

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2021450384	HALLIBURTON ENERGY SERVICES, INC.	2022211046	ESS-HELP, INC.
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<u>A01N 51 /-</u>	<u>A44C 5 /-</u>	2021400027	2022393856	2022393856	<u>A61K 38 /-</u>
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<u>A01N 53 /-</u>	<u>A47B 77 /-</u>	2021407415	2022204765	2021405744	2021400686
2021410052	2021399660	2021409384	2021402764	2021410632	2022214529
		2021409465	<u>A61G 12 /-</u>	2021410788	<u>A61K 49 /-</u>
		2022207525	2021416514	2021410995	2022250867
		2022215469	2021417216	2022207315	2022250867
		2022223547	2021417219	2022210842	2022344527
		2022228284	<u>A61F 11 /-</u>	2022211021	2022393856
			2021410013	2022217812	<u>A61K 51 /-</u>
			<u>A61F 13 /-</u>	2022223669	2021407769
			2021411425	2022232566	<u>A61K 6 /-</u>
			<u>A61F 2 /-</u>	2022250867	2021423188
			2021402016	2022393856	<u>A61K 8 /-</u>
			<u>A61F 5 /-</u>	<u>A61K 31 /-</u>	<u>A61K 9 /-</u>
			2022322193	2020482800	2021399860
			<u>A61F 6 /-</u>	2021399266	2021401301
			2022208692	2021401301	2021404131
			<u>A61G 12 /-</u>	2021411521	2021406131
			2021416514	<u>A61K 41 /-</u>	2021413899
			2021417216	2022207278	2021414086
			2021417219	2022207278	2022207252
			<u>A61G 13 /-</u>	2022207278	2022207278
			2021403179		
			<u>A61H 3 /-</u>		
			2021402016		
			<u>A61J 1 /-</u>		
			2022213307		
			<u>A61J 3 /-</u>		
			2021402764		
			<u>A61K 31 /-</u>		
			2020480023		
			2020482800		
			2021399788		
			2021399860		
			2021400686		
			2021400725		
			2021401056		

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2021405781	<u>A61P 17 /-</u>	2021405744		<u>B02C 18 /-</u>	2022213424
2021406131		2021405781	<u>A63H 33 /-</u>		2022232363
2022207315	2022208727	2021407769		2022206585	
2022208204		2021409381	2020481427		<u>B32B 29 /-</u>
2022208692	<u>A61P 19 /-</u>	2022205678		<u>B03B 5 /-</u>	2022207259
2022208743		2022208654	<u>B01D 15 /-</u>	2022239011	2022212970
2022212571	2021399788	2022208661			
2022214529	2022208727	2022208727	2020482800	<u>B03C 1 /-</u>	<u>B32B 7 /-</u>
2022218993	2022214702	2022209830	2022211712		
2022223669	<u>A61P 21 /-</u>	2022210692		2021439912	2022213423
2022227367		2022211682	<u>B01D 21 /-</u>		
2022232566	2022207252	2022212035	2022209479	<u>B04B 7 /-</u>	<u>B32B 9 /-</u>
2022233864	2022208727	2022213415			
2022344527		2022214319	<u>B01D 27 /-</u>	2022239011	2022207259
	<u>A61P 25 /-</u>	2022215587			
<u>A61L 27 /-</u>		2022216223	2021419191	<u>B07C 3 /-</u>	<u>B41L 1 /-</u>
	2020480023	2022216598			
2021405419	2021404194	2022217812	<u>B01D 35 /-</u>	2021402176	2022228284
2021409923	2022208641	2022218927			
	2022208727	2022221124	2021419191	<u>B23D 59 /-</u>	<u>B41M 5 /-</u>
<u>A61L 9 /-</u>	2022227367	2022248735			
		2022250867	<u>B01D 37 /-</u>	2022211019	2022228284
2022212935	<u>A61P 27 /-</u>	2022393856			
			2021419191	<u>B25B 19 /-</u>	<u>B42F 21 /-</u>
<u>A61M 16 /-</u>	2022208727	<u>A61P 37 /-</u>			
	2022218993	2021399860	<u>B01D 47 /-</u>	2022213314	2022208709
2021405291	2022226164	2021402090			
2022209685		2021406131	2021434507	<u>B25B 23 /-</u>	<u>B60L 50 /-</u>
	<u>A61P 29 /-</u>	2021411521			
<u>A61M 19 /-</u>		2022207897	<u>B01D 53 /-</u>	2021423334	2021426075
	2021404194	2022208727			
2020481961	2022205678	2022208727	2021434507	<u>B25B 27 /-</u>	<u>B60L 53 /-</u>
	2022208727	2022210283	2022212935		
<u>A61M 25 /-</u>	2022210842	2022211021	2022217704	2021425889	2022216291
		2022214319	2022358739		
2021401973	<u>A61P 3 /-</u>	2022214702		<u>B25C 3 /-</u>	<u>B60L 55 /-</u>
		2022232566	<u>B01J 19 /-</u>	2022217702	2022216291
<u>A61M 37 /-</u>	2022205678	2022393856			
	2022208661		2021403952	<u>B25C 7 /-</u>	<u>B60M 3 /-</u>
2021403179	2022208727	<u>A61P 43 /-</u>	2022208683		
	2022212019	2021401739	2022212935	2022217702	2022222479
<u>A61M 39 /-</u>	2022213405	2022207278			
		2022208654	<u>B01J 23 /-</u>	<u>B25D 1 /-</u>	<u>B60P 3 /-</u>
2021410797	<u>A61P 31 /-</u>	2022218993			
			2022237946	2022214088	2021399660
<u>A61M 5 /-</u>	2021400725	<u>A61P 7 /-</u>			
	2021410995		<u>B01J 33 /-</u>	<u>B25G 1 /-</u>	<u>B60Q 1 /-</u>
2022210210	2022207315	2022208727			
	2022207495	2022210283	2022237946	2022214088	2022211046
<u>A61N 1 /-</u>	2022207888				
	2022208057	<u>A61P 9 /-</u>	<u>B01J 35 /-</u>	<u>B25G 3 /-</u>	<u>B63B 27 /-</u>
2020481961	2022208727				
2022232363	2022221297	2021401102	2022219555	2022214088	2021408146
		2021402788	2022237946		
<u>A61N 5 /-</u>	<u>A61P 33 /-</u>	2022207001		<u>B25J 11 /-</u>	<u>B63B 35 /-</u>
		2022208727	<u>B01J 37 /-</u>		
2022207888	2021410052	2022212142		2021402016	2021408146
	2022213400		<u>B01J 38 /-</u>	<u>B25J 9 /-</u>	2021415164
<u>A61P 1 /-</u>		<u>A62B 18 /-</u>			
	<u>A61P 35 /-</u>	2021415125	2022237946	2021402016	<u>B63B 39 /-</u>
2022208727					
2022213405	2020482800	<u>A63F 13 /-</u>	<u>B01J 8 /-</u>	<u>B32B 1 /-</u>	2021415164
2022344527	2021399528				2022214185
	2021399955	<u>A63H 13 /-</u>	2022215526	2022213423	<u>B63B 43 /-</u>
<u>A61P 11 /-</u>	2021400686				
	2021400725	2022293125	<u>B01L 7 /-</u>	<u>B32B 23 /-</u>	2021415164
2022208727	2021401056				
	2021402087	<u>A63H 13 /-</u>	2021410653	2021404349	<u>B63C 11 /-</u>
<u>A61P 13 /-</u>	2021402090				
	2021402090	2022205676	<u>B02C 17 /-</u>	<u>B32B 27 /-</u>	2021408146
2021401102	2021402788				
2022208727	2021403015	<u>A63H 3 /-</u>	2022210883	2022207259	
2022211021	2021403616			2022213423	
	2021404501	2020481427			

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<u>B64C 27 /-</u>			2022219555	2022393856	2022217812
2022215341	<u>C01B 3 /-</u>	<u>C07C 59 /-</u>			2022221297
<u>B64C 29 /-</u>	2021434507	2022208641	<u>C07D 401 /-</u>	<u>C07D 495 /-</u>	2022248735
2021408088	2022206003		2021399528	2021401056	2022250867
	2022237946	<u>C07C 68 /-</u>	2021401102	2022208380	<u>C07K 19 /-</u>
<u>B64C 39 /-</u>		2022219555	2021403015	2022210401	2021410632
2022215341	<u>C01B 32 /-</u>		2022205555	2022210826	2022207278
	2022232825	<u>C07C 69 /-</u>	2022212019	2022215587	
<u>B64D 37 /-</u>	2022269593		2022212035	<u>C07D 498 /-</u>	<u>C07K 5 /-</u>
2022206003		2022219555	2022212113		
	<u>C02F 1 /-</u>		2022213321	2021401056	2021405744
<u>B64D 39 /-</u>	2021419191	<u>C07C 9 /-</u>	2022213344	2021402788	2022393856
2022206003		2022234935	2022215587	2021403616	
	<u>C05F 17 /-</u>		2022216216	2021410630	<u>C07K 7 /-</u>
<u>B64D 39 /-</u>		<u>C07D 209 /-</u>		2022218927	
2022206003	2022206543		<u>C07D 403 /-</u>		2022207897
		2021400725	2021399788	<u>C07D 513 /-</u>	2022393856
<u>B64D 47 /-</u>	<u>C07B 39 /-</u>		2022212019		<u>C07K 9 /-</u>
2022215341		<u>C07D 211 /-</u>	2022215587	2021404501	
	2022205555			2021410630	2022207897
<u>B64G 1 /-</u>		2021405781	<u>C07D 405 /-</u>	2022221124	
2021404105	<u>C07B 43 /-</u>				<u>C08G 18 /-</u>
	2022205555	<u>C07D 213 /-</u>	2021400725	<u>C07D 519 /-</u>	
<u>B65D 27 /-</u>			2022212019		2022214827
2021404349	<u>C07B 57 /-</u>	2021399528	2022215587	2022218927	2022232363
		2021401739		2022221124	
<u>B65D 33 /-</u>	2020482800	2022212113	<u>C07D 407 /-</u>	<u>C07H 15 /-</u>	<u>C08G 63 /-</u>
2022220904					
	<u>C07C 1 /-</u>	<u>C07D 233 /-</u>	2021401739	2022207897	2021399860
<u>B65D 85 /-</u>					
2022205676	2022234935	2021399528	<u>C07D 409 /-</u>	<u>C07J 63 /-</u>	<u>C08G 64 /-</u>
		2021409381			
<u>B65D 88 /-</u>	<u>C07C 235 /-</u>		2022215587	2022208727	2022219555
2021408087		<u>C07D 235 /-</u>	<u>C07D 413 /-</u>	<u>C07J 71 /-</u>	<u>C08J 3 /-</u>
	2021401739				
<u>B65G 1 /-</u>		2021401739	2022212019	2022208727	2021405419
2022223549	<u>C07C 237 /-</u>		2022215587		
		2021399528		<u>C07K 1 /-</u>	<u>C08K 3 /-</u>
<u>B65G 65 /-</u>	2021401739	2022211139	<u>C07D 417 /-</u>		
2021408087				2020482800	2021400293
	2021399528	<u>C07D 257 /-</u>	2021401102	2021414086	2021401726
<u>B66C 1 /-</u>	2021401739		2022209405	2022207278	2022214827
2022209478		2021407769	2022211139		
	<u>C07C 255 /-</u>		2022221124	<u>C07K 14 /-</u>	<u>C08K 5 /-</u>
<u>B66C 7 /-</u>		<u>C07D 263 /-</u>			
2020424975			2021401998	2021401998	2021400293
	2021405781	<u>C07D 263 /-</u>	2022204974	2022204974	2021401726
<u>B67D 7 /-</u>			2022207278	2022207278	
2022206003	<u>C07C 311 /-</u>	<u>C07D 277 /-</u>	2022207897	2022208654	<u>C08L 1 /-</u>
			2022208654	2022211021	2022208356
<u>B82Y 30 /-</u>	2022219555	2021399528	202221021	2022213400	<u>C08L 101 /-</u>
2022232825		2021400725	2022217812	2022217812	
	2022219555	2021402788	2022232566		2021405419
<u>B82Y 40 /-</u>		2022214702		<u>C07K 16 /-</u>	<u>C08L 67 /-</u>
2022232825	2021405781		<u>C07D 487 /-</u>		
		2021405781		2020482800	2021399860
<u>C01B 25 /-</u>	<u>C07C 323 /-</u>	<u>C07D 305 /-</u>		2021399266	
2022253965			2021404194	2021399955	<u>C09D 5 /-</u>
2022388904	2021401739	2021401739		2021402087	
			2021403015	2021402090	2021405419
	<u>C07C 323 /-</u>	<u>C07D 307 /-</u>	2021409381	2021413899	
<u>B82Y 40 /-</u>			2022205678	2021414086	<u>C09J 11 /-</u>
2022232825	2021405781	2021401739	2022212019	2022207252	
			2022212035	2022207278	2022214827
<u>C07C 51 /-</u>	<u>C07C 51 /-</u>	<u>C07D 311 /-</u>	2022214702	2022208654	<u>C09J 175 /-</u>
2022209750			2022215587	2022210283	
		2021401739	<u>C07D 491 /-</u>	2022211021	2022214827
	<u>C07C 53 /-</u>	<u>C07D 317 /-</u>		2022214319	
2022209750			2022208641		
		2021401739	2022215587		

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<u>C09K 5 /-</u>	2022216857	2022388904	<u>E04H 17 /-</u>	<u>E21D 9 /-</u>	<u>F23C 10 /-</u>
2022234380	<u>C12P 11 /-</u>	<u>C22B 34 /-</u>	2022217702	2021418973	2022215526
<u>C10L 3 /-</u>	2022206297	2021403952	<u>E04H 4 /-</u>	<u>F01K 25 /-</u>	<u>F24C 15 /-</u>
2022233084	<u>C12P 19 /-</u>	<u>C22B 7 /-</u>	2022250096	2022206003	2021399660
<u>C11D 1 /-</u>	2021405724	2022388904	<u>E21B 15 /-</u>	<u>F02M 31 /-</u>	202222183
	2021410653				2022223310
2022232691		<u>C25B 1 /-</u>	2021423621	2021434507	<u>F24F 1 /-</u>
2022233243	<u>C12P 21 /-</u>		<u>E21B 17 /-</u>	<u>F03D 13 /-</u>	2021425182
2022265194		2021401099			
2022265474	2021399266	2022233084	2021408146	2021415164	<u>F24F 13 /-</u>
2022266030	2022207252	2022234935	2022225080		
<u>C11D 17 /-</u>	2022207278	<u>C25B 11 /-</u>	2022227201	<u>F03D 7 /-</u>	2021409614
	<u>C12P 3 /-</u>				
2022233243		2021401099	<u>E21B 19 /-</u>	2021401121	<u>F24F 5 /-</u>
	2022358739				
<u>C11D 3 /-</u>		<u>C25B 15 /-</u>	2021408146	<u>F04B 39 /-</u>	2021409614
	<u>C12P 41 /-</u>		2021423621		
2022232691		2021401099	2022323641	2021434507	<u>F24S 10 /-</u>
2022233243	2022206297	2022233084			
<u>C12F 3 /-</u>	<u>C12P 5 /-</u>	<u>C25B 3 /-</u>	<u>E21B 21 /-</u>	<u>F16D 49 /-</u>	2021416610
2022358739	2021405724	2022233084	2021439912	2021416514	<u>F24S 23 /-</u>
				2021417219	
<u>C12M 1 /-</u>	<u>C12P 7 /-</u>	<u>C25B 9 /-</u>	<u>E21B 23 /-</u>	<u>F16F 9 /-</u>	2021416610
2021410653	2022206297	2022233084	2021450384	2022209099	<u>F25B 39 /-</u>
2022209752	2022216857		2022323641		2021409614
2022358739	2022358739	<u>D01F 2 /-</u>	<u>E21B 33 /-</u>	<u>F16G 11 /-</u>	<u>F25D 23 /-</u>
<u>C12M 3 /-</u>	<u>C12Q 1 /-</u>	2022208356	2021440151	2022233929	2022207540
			2021446706		
2022209752	2021399528	<u>D04H 1 /-</u>	2021450384	<u>F16J 15 /-</u>	<u>F27B 1 /-</u>
	2021399915				
<u>C12N 1 /-</u>	2021399917	2021411425	<u>E21B 34 /-</u>	2021440151	2022207887
	2021409465				
2022207252	2022208683	<u>D21H 11 /-</u>	2022257558	<u>F16K 31 /-</u>	<u>F27D 3 /-</u>
	2022208746				
<u>C12N 15 /-</u>	2022210692	2022212970	<u>E21B 41 /-</u>	2021406566	2022207887
	2022212231			2021424306	
2021399266	2022216223	<u>D21H 27 /-</u>	2022257558		
2021400686	2022220689			<u>F16K 33 /-</u>	<u>F41H 13 /-</u>
2021401998		2022212970	<u>E21B 43 /-</u>		2021409780
2021409196	<u>C12R 1 /-</u>			2021406566	2021418936
2021410632		<u>E01B 9 /-</u>	2021403959		
2021410788	2022206297		2022257558	<u>F16L 1 /-</u>	<u>G01B 3 /-</u>
2022204974		2020424975			
2022207252	<u>C21B 13 /-</u>	2020481482	<u>E21B 44 /-</u>	2021408146	2022216604
2022207278					
2022209830	2022217704	<u>E02D 27 /-</u>	2022208723	<u>F16L 55 /-</u>	<u>G01B 9 /-</u>
2022214529			2022234568		
2022220400	<u>C21B 5 /-</u>	2021415164	<u>E21B 47 /-</u>	2022233929	2021399884
2022226164					
	2022207887	<u>E02F 3 /-</u>	2022208723	<u>F16M 11 /-</u>	<u>G01C 21 /-</u>
<u>C12N 5 /-</u>			20222323641		
	<u>C22B 1 /-</u>	2022214765		2022213307	2022211661
2021409196		2022274080	<u>E21B 49 /-</u>	<u>F16M 13 /-</u>	
2021411521	2021403952				<u>G01D 9 /-</u>
2022207252		<u>E02F 9 /-</u>	2022208723	2022213307	2022214898
	<u>C22B 21 /-</u>				
<u>C12N 7 /-</u>		2022274080	<u>E21B 7 /-</u>	<u>F16T 1 /-</u>	
	2021403952				<u>G01J 3 /-</u>
2021401998		<u>E03C 1 /-</u>	2021418973	2021406566	2021399884
2021409196	<u>C22B 26 /-</u>		2022234568		2021404426
2022211712		2021399660		<u>F21V 8 /-</u>	
2022214529	2022388904		<u>E03D 9 /-</u>	2022220718	<u>G01J 9 /-</u>
<u>C12N 9 /-</u>	<u>C22B 3 /-</u>	2022233243			2021399884
			<u>E21C 37 /-</u>		
2021410995	2021403952		2021418973		

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<u>G01M 3 /-</u>	<u>G01V 8 /-</u>	<u>G06Q 50 /-</u>	<u>G16H 40 /-</u>	<u>H02P 21 /-</u>	<u>H05B 47 /-</u>
2021401749	2021401749	2021402176	2021405384	2021408621	2022233552
<u>G01N 21 /-</u>	<u>G01W 1 /-</u>	<u>G06T 11 /-</u>	<u>G16H 50 /-</u>	<u>H02S 10 /-</u>	<u>H05B 6 /-</u>
2021404426 2022210306 2022218914	2021401749	2021400230	2021393938 2021400027 2021405384 2021407415 2021409967	2022210003	2022212493 2022220814
<u>G01N 23 /-</u>	<u>G02B 26 /-</u>	<u>G06T 15 /-</u>		<u>H02S 20 /-</u>	<u>H05K 1 /-</u>
2022208641	2022209855	2022210442		2022209099 2022210003	2021416359
<u>G01N 29 /-</u>	<u>G02B 6 /-</u>	<u>G06T 7 /-</u>	<u>H01B 13 /-</u>	<u>H02S 30 /-</u>	<u>H05K 7 /-</u>
2022430364	2021408084 2022220718	2021393938 2021400230 2021402427 2021411776 2022206315 2022220227	2022253965	2022210003	2021416359 2022209683
<u>G01N 3 /-</u>	<u>G05D 1 /-</u>		<u>H01B 17 /-</u>	<u>H02S 40 /-</u>	
2021401749	2021408088 2022214185		2022217702	2021416610	
<u>G01N 31 /-</u>	<u>G06F 12 /-</u>	<u>G06V 10 /-</u>	<u>H01F 38 /-</u>	<u>H03K 17 /-</u>	
2022212940	2022218687 2022226929	2021400230 2021402427	2021415289	2022212493	
<u>G01N 33 /-</u>	<u>G06F 16 /-</u>	<u>G06V 20 /-</u>	<u>H01L 23 /-</u>	<u>H03M 13 /-</u>	
2021401749 2021409465 2022205785 2022208746 2022210306 2022210692 2022212653 2022212940 2022218914 2022223740	2021402427 2022213419 2022218670	2021400230 2021402427	2022232825	2021408115	
<u>G01R 31 /-</u>	<u>G06F 21 /-</u>	<u>G07B 17 /-</u>	<u>H01L 31 /-</u>	<u>H04B 1 /-</u>	
2021415289 202222030	2021413605 2021427822	2021402176	2021416610	2021418936	
<u>G01S 13 /-</u>	<u>G06F 9 /-</u>	<u>G07F 19 /-</u>	<u>H01M 10 /-</u>	<u>H04B 10 /-</u>	
2021408088	2022218687	2021413762	2021426075 2022253965 2022371736	2021408084	
<u>G01S 15 /-</u>	<u>G06N 20 /-</u>	<u>G08B 13 /-</u>	<u>H01M 4 /-</u>	<u>H04J 14 /-</u>	
2022430364	2021409465 2021409967 2022218670	2022228284	2022371736	2021408084	
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2021408088 2022215469	2021393938 2021399965 2021409967 2021411776	2022220950	2021426075	2022224588	
<u>G01S 19 /-</u>	<u>G06N 5 /-</u>	<u>G08G 3 /-</u>	<u>H02G 3 /-</u>	<u>H04K 3 /-</u>	
2021408088	2022218687	2022211661	2021425182	2021418936	
<u>G01S 7 /-</u>	<u>G06Q 10 /-</u>	<u>G09B 5 /-</u>	<u>H02J 13 /-</u>	<u>H04L 12 /-</u>	
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		2022220689	<u>H02K 11 /-</u>	<u>H04N 21 /-</u>	
		2021409465	202222030	2022224588	
		2021399915	<u>H02K 33 /-</u>	<u>H04W 24 /-</u>	
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			<u>H02M 7 /-</u>		
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C09D 5/02 (2006.01)
C08F 290/14 (2006.01)
C08G 18/08 (2006.01)
C08G 18/10 (2006.01)
C08G 18/24 (2006.01)
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C08G 18/42 (2006.01)
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B64C 21/10 (2006.01)
F15D 1/12 (2006.01)
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A61P 33/14 (2006.01)
C07C 69/96 (2006.01)
C07D 403/04 (2006.01)
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F16C 17/02 (2006.01)

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A61P 29/00 (2006.01)
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F25B 21/00 (2006.01)
H02M 3/00 (2006.01)
H02P 7/00 (2016.01)
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 C02F 1/72 (2006.01)
 C07C 407/00 (2006.01)
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F16D 63/00 (2006.01)
B60T 7/12 (2006.01)
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B32B 7/12 (2006.01)
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B32B 27/08 (2006.01)
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F16L 3/00 (2006.01)
F16L 1/00 (2006.01)
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H02G 3/22 (2006.01)
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B25J 19/02 (2006.01)

G06F 18/241 (2023.01)

H04N 23/54 (2023.01)

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A61K 31/415 (2006.01)

A61K 31/4155 (2006.01)

A61P 35/00 (2006.01)

C07D 231/14 (2006.01)

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A01B 63/111 (2006.01)
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A61P 25/00 (2006.01)
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E04B 2/72 (2006.01)
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F17C 7/02 (2006.01)
F04B 15/08 (2006.01)
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C07K 14/35 (2006.01)
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F25D 23/02 (2006.01)
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F25D 23/12 (2006.01)
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E05B 47/00 (2006.01)
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H04N 13/161 (2018.01)
H04N 21/235 (2011.01)
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SYSTEM AND METHODS FOR SAME
(51) Int. Cl.

A01C 23/00 (2006.01)
A01C 23/04 (2006.01)
A01G 25/02 (2006.01)
A01G 25/09 (2006.01)
A01G 25/16 (2006.01)
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 B65D 90/30 (2006.01)
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C08J 3/22 (2006.01)
C08K 3/26 (2006.01)
C08K 5/09 (2006.01)
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C08K 7/24 (2006.01)
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2016259334	BEARGRIT PTY LTD	2017434054	Halliburton Energy Services, Inc.
2016331052	Potenza Therapeutics, Inc.	2017436351	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016341403	Ablynx NV	2017444213	Halliburton Energy Services, Inc.
2016347471	UCB Biopharma Sprl	2017444615	Transitions Optical, Ltd.; Johnson & Johnson Vision Care, Inc.
2016348759	Universidad de Chile	2018200763	Caterpillar Inc.
2016351710	Ablynx NV	2018200875	The Boeing Company
2016374289	Technische Universität München; Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V.	2018204057	Aurora Flight Sciences Corporation
2016434681	Metrol Technology Ltd	2018208404	CAVH LLC
2017201085	Galleon Labs LLC	2018211069	1A Smart Start LLC
2017209868	Symrise AG; Probi AB	2018216185	McMaster University
2017210726	University of Massachusetts	2018217090	Consensus Orthopedics, Inc.
2017213633	Trianni, Inc.	2018218297	Soletanche Freyssinet
2017214365	Fresenius Kabi Deutschland GmbH	2018221581	ESS Tech, Inc.
2017216448	Sandpit Innovation Pty Ltd	2018224093	In2Bones USA, LLC
2017217813	Bluebird Bio, Inc.	2018228701	Chryso
2017218143	Cell Care Therapeutics, Inc.	2018229975	D. Swarovski KG
2017223589	Salk Institute for Biological Studies	2018230474	University of Louisville Research Foundation, Inc.; Georgia Tech Research Corporation
2017223600	Dovetail Genomics LLC	2018231580	Quest Photonic Devices B.V.
2017239571	Quadient Technologies France	2018232200	Lmagne Ingeniería Ltda.; Sociedad de Innovación y Transferencia Tecnológica Ltda.; Estudio, Asesorías Y Capacitación Altoya Ltda.
2017245424	Progress Rail Locomotive Inc.	2018237126	Ballesteros, J.
2017248437	BISSELL Inc.	2018240375	ASCENDIS PHARMA A/S
2017261216	Immunoforge Co., Ltd.	2018246254	DePuy Synthes Products, Inc.
2017263833	The General Hospital Corporation	2018250200	The Middleby Corporation
2017264192	Nippon Zoki Pharmaceutical Co., Ltd.; National University Corporation Tokyo Medical And Dental University	2018254498	Figene, LLC
2017272282	Hunter Douglas Inc.	2018262279	Weatherford Technology Holdings, LLC
2017306525	Koninklijke Douwe Egberts B.V.	2018264962	Roadrunner Concert Service NV
2017306557	Washington University	2018265773	IPH International Pty Ltd
2017307955	Koninklijke Douwe Egberts B.V.	2018266630	BELANGER, INC.
2017308120	Koios Medical, Inc.	2018267280	BAE Systems Plc
2017313418	Titon Ideas, Inc.	2018269479	Zethon Limited
2017315966	Cometeer, Inc.	2018269694	KURZ Digital Solutions GmbH & Co. KG
2017319320	Canopy Growth Corporation	2018276070	Scotboot Pty Ltd
2017321011	Eli Lilly and Company	2018279738	President and Fellows of Harvard College; The Brigham and Women's Hospital, Inc.
2017324875	AgBiome, Inc.	2018279792	Raytheon Company
2017326156	Westrock Packaging Systems, LLC	2018286874	SIMONELLI GROUP S.P.A.
2017331399	FMC Kongsberg Subsea AS	2018288532	Lightcast Discovery Ltd
2017332225	Mauser-Werke GmbH	2018292795	Cryovac, LLC
2017332779	Flexible Steel Lacing Company	2018295591	Specialized Desanders Inc.
2017334278	Subsea 7 do Brasil Servicos Ltda	2018297551	BASF SE
2017336292	Société des Produits Nestlé S.A.	2018301314	Qualcomm Incorporated
2017341559	Teikoku Seiyaku Co., Ltd.	2018302386	air up group GmbH
2017342168	Strauss Water Ltd	2018305728	ASSA ABLOY Australia Pty Limited
2017345286	INSERM (Institut National de la Santé et de la Recherche Médicale); Université de Nantes; OSE Immunotherapeutics	2018305774	ASSA ABLOY Australia Pty Limited
2017345470	Adverum Biotechnologies, Inc.	2018306726	Yale University
2017346871	Madrigal Pharmaceuticals, Inc.	2018309721	Medos International Sàrl
2017347685	Collectis	2018311656	Israel Aerospace Industries Ltd.
2017347975	Akili Interactive Labs, Inc.	2018316335	Sumitomo Electric Industries, Ltd.
2017353302	Aurora Labs Limited	2018316441	Franke Kaffeemaschinen AG
2017359574	Peak Well Systems Pty Ltd; Peak Well Systems Limited	2018320416	Sprint Bioscience AB
2017369846	Weeding Technologies Limited	2018322998	Societe des Produits Nestle S.A.
2017371544	LIQUID NATION S.R.L.	2018325493	COSMOGAS S.R.L.
2017371678	Stolper, P.	2018329871	Monash University
2017371720	Subsea 7 Do Brasil Servicos Ltda	2018332980	Ultra Hom LLC
2017376822	The Australian National University	2018345384	Calagen, Inc.
2017378397	Caterpillar Inc.	2018360616	Grownright Pty Limited
2017380531	Electrolux Appliances Aktiebolag	2018369506	Rheem Manufacturing Company
2017381058	Hilti Aktiengesellschaft	2018370024	NFL Players, Inc.
2017397325	Equifax, Inc.	2018375389	C. R. Bard, Inc.
2017399666	Hendrickson USA, L.L.C.	2018378193	Avery Dennison Corporation
2017415310	Memorial Sloan Kettering Cancer Center	2018379536	Nokia Technologies Oy
2017420338	General Mills, Inc.		
2017432387	Beth-El Zikhron Yaaqov Industries Ltd		

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2018389809	Olon S.p.A.	2020296882	International Business Machines Corporation
2018390760	Haldex Brake Products AB	2020297373	CRRC Qingdao Sifang Co., Ltd.
2018392332	Turning Point Therapeutics, Inc.	2020297854	International Business Machines Corporation
2018394875	Suzhou Ribo Life Science Co., Ltd.	2020311542	Heraeus Deutschland GmbH & Co. KG
2018405194	Halliburton Energy Services, Inc.	2020313076	i-SENS, Inc.
2018408341	BAE Systems Information and Electronic Systems Integration Inc.	2020321806	Rosemount Inc.; Regents of the University of Minnesota
2018415552	Halliburton Energy Services, Inc.	2020322642	BASF Coatings GmbH
2019200794	Tornier	2020323037	Dongbao Purple Star (Hangzhou) Biopharmaceutical Co., Ltd.
2019201125	FEI Company	2020323180	BASF Coatings GmbH
2019209930	Magic Leap, Inc.	2020343837	Shandong University
2019229254	Raytheon Company	2020346033	Zhejiang Shanlian New Materials Technology Co., Ltd
2019231551	Recurium IP Holdings, LLC	2020351324	Novartis AG
2019242896	Zoltek Corporation	2020354334	BASF Coatings GmbH
2019247419	MosSmith Industries, Inc.	2020356055	LG Electronics Inc.
2019269553	De La Rue International Limited	2020358073	Boston Scientific Scimed Inc.
2019271067	Epitracker, Inc.	2020358453	Tracy of Sweden AB
2019275771	China University of Mining and Technology	2020364112	Nicoventures Trading Limited; RAI Strategic Holdings Inc
2019278877	Razor USA LLC	2020364505	JFE Steel Corporation
2019282135	Wesco Equity Corporation	2020364771	Oji Holdings Corporation
2019298306	Bayer Animal Health GmbH	2020365097	Nicoventures Trading Limited; RAI Strategic Holdings Inc
2019320734	Gruma S.A.B. de C.V.	2020367564	Mitsubishi Electric Corporation
2019323501	Wuhan Neurophth Biotechnology Limited Company	2020374892	Boston Scientific Limited
2019326038	Surplus Management, Inc.	2020379142	Telefonaktiebolaget LM Ericsson (publ)
2019339724	Rodenstock GmbH	2020387088	Kabushiki Kaisha Kobe Seiko Sho (Kobe Steel, Ltd.)
2019355834	Capital One Services, LLC	2020387982	Jumbo Drug Bank Co., Ltd.
2019364860	Steriline Racing Pty Ltd; Covey Associates Pty. Ltd.	2020388552	Netflix, Inc.
2019370804	V-Nova International Limited	2020390925	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2019379808	Arcus Biosciences, Inc.	2020393340	Yazaki Corporation
2019400494	air up group GmbH	2020397182	Isgar, C.
2019418744	Impel Pharmaceuticals Inc.	2020397271	Hebei Senlang Biotechnology
2019422245	Wuhan Optics Valley Zoyon Science and Technology Co., Ltd.	2020403028	ZTE Corporation
2019428656	LanzaTech, Inc.	2020403637	Johnson Matthey Hydrogen Technologies Limited
2019428963	Korea Zinc Co., Ltd.; Korea Nickel Corporation	2020404556	Siemens Energy Global GmbH & Co. KG
2019431818	Foshan King Wonder Hi-Tech Co., Ltd.	2020408344	Smith & Nephew, Inc.; Smith & Nephew Orthopaedics AG
2019442572	Huawei Technologies Co., Ltd.	2020409017	Ancestry.com DNA, LLC
2019466858	Shanghai Smartee Denti-Technology Co., Ltd.	2020418894	South China University of Technology
2019467927	Huawei Technologies Co., Ltd.	2020423009	EFAFLEX Tor- und Sicherheitssysteme GmbH & Co. KG
2019478287	Essity Hygiene and Health Aktiebolag	2020424575	Nippon Telegraph and Telephone Corporation
2020203813	Ecole Normale Superieure De Lyon; Centre National De La Recherche Scientifique; Universite Claude Bernard Lyon 1; Institut National de la Sante et de la Recherche Medicale (INSERM)	2020424993	Nippon Telegraph and Telephone Corporation
2020204162	Bhushan, R.; Goswamy, A.; Gin, G.B.	2020426771	Fujitsu General Limited
2020210194	Hunter Pacific International Pty Ltd	2020430725	So, C.W.
2020217351	ABLYNX N.V.	2020431090	Mitsubishi Electric Corporation
2020217408	Massachusetts Eye and Ear Infirmary	2020436860	Qingdao Haier Refrigerator Co., Ltd.; Haier Smart Home Co., Ltd.
2020218158	Prilenia Neurotherapeutics Ltd.	2021200391	Grail, LLC
2020219716	Caterpillar Inc.	2021202347	Thermogenesis Corporation
2020223671	Checkmate Pharmaceuticals, Inc.	2021202401	G9 Holdings, LLC
2020230288	KAISHA PACKAGING Private Ltd.	2021202538	Icahn School of Medicine at Mount Sinai; King's College London
2020235462	Nicoventures Trading Limited	2021202680	Miles, S.
2020244635	LG Electronics Inc.	2021202761	Nunhems B.V.
2020246932	Inventio AG	2021202860	Aristocrat Technologies, Inc.
2020256379	Wonderland Switzerland AG	2021203202	1 Space Pty Ltd
2020259653	International Business Machines Corporation	2021203208	Pring, G.
2020259891	FUJIFILM Corporation	2021203272	Alnylam Pharmaceuticals, Inc.
2020261262	Caterpillar Inc.	2021203346	The Intellectual Gorilla GmbH
2020264347	University of Florida Research Foundation, Inc.; The Government of the United States of America As Represented by the Secretary of the Department of Health and Human Services, Centers for Disease Control and Prevention; Cornell Research Foundation, Inc.	2021203481	iCell Gene Therapeutics, LLC
2020267632	Mack Rides GmbH & Co. KG	2021203688	Blinxel Pty Ltd
2020270394	Ennis-Flint, Inc.	2021203796	QIAGEN Australia Holding Pty. Ltd.
2020271227	International Business Machines Corporation	2021203861	InterDigital Patent Holdings, Inc.
2020280917	Ocado Innovation Limited	2021203979	SCHREDER
2020281034	Monsanto Technology LLC	2021204353	GW Research Limited
2020286372	Fort Wayne Metals Research Products Corp	2021204450	CJ Cheiljedang Corporation
2020292273	East End Medical, LLC	2021204560	University of Central Florida Research Foundation, Inc.
2020296108	Coopersurgical, Inc.	2021204649	Fisher & Paykel Healthcare Limited
		2021204720	Walmart Apollo, LLC

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2021204770	Wix.com Ltd.	2022204085	Tribus, LLC
2021205072	Blinova, I.	2022204446	HigherGround, Inc.
2021207652	SyntheKine, Inc.	2022204461	Repligen Corporation
2021208710	AMT Remediation Pty Ltd	2022204466	Apple Inc.
2021209314	Raven Industries, Inc.	2022204483	eBay Inc.
2021211356	Vaholmen Voc Recovery AS	2022204661	Schneider Electric Industries SAS
2021211435	ELC Management LLC	2022205151	ViaSat, Inc.
2021212088	Boston Scientific Medical Device Limited	2022221426	Scientific Games, LLC
2021212151	Clifton Life Sciences LLC	2022221427	Scientific Games, LLC
2021215293	Simplehuman, LLC	2022221541	Huawei Technologies Co., Ltd.
2021215849	Taro Pharmaceutical Industries Ltd.	2022225469	Fronius International GmbH
2021218006	Ecolab USA Inc.	2022228101	Bristol-Myers Squibb Company
2021218227	Sage Therapeutics, Inc.	2022252774	Westinghouse Air Brake Technologies Corporation
2021225161	Loxo Oncology, Inc.	2022256138	Huawei Technologies Co., Ltd.
2021225162	Loxo Oncology, Inc.	2022263538	Avery Dennison Corporation; Avery Dennison Corporation
2021225192	Miller, S.	2022331907	EUROSPARES DEPOT HOLDINGS PTY LTD
2021225232	Agriculture Victoria Services Pty Ltd	2022402959	YANTAI LANNACHENG BIOTECHNOLOGY CO., LTD.
2021225243	Chart Energy & Chemicals, Inc.	2023201773	Beam Therapeutics Inc.
2021229156	Nicoventures Trading Limited	2023202641	Ho, D.T.C.; Avazpour, I.; Grundy, J.; Abdelrazek, M.; Chua, C.; Bednarz, T.; Obie, H.
2021229179	Silixa Ltd.; Chevron U.S.A. Inc.	2023203502	Lumus Ltd.
2021230331	Locus Robotics Corp.	2023203631	DAREX, LLC
2021231850	Pindrop Security, Inc.	2023203633	DAREX, LLC
2021236494	W. L. Gore & Associates, Inc.		
2021236516	Terra Quantum AG		
2021240144	ResMed Pty Ltd		
2021240257	Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co. Ltd.		
2021249202	HG Partners, LLC		
2021257908	Westinghouse Air Brake Technologies Corporation		
2021257975	NAVICO HOLDING AS		
2021261840	The University of Bristol		
2021262851	Biodyne Co., Ltd.		
2021266207	Shanghai Jinko Green Energy Enterprise Management Co. Ltd.; Zhejiang Jinko Solar Co. Ltd.		
2021266347	NIKE Innovate C.V.		
2021266348	Ocado Innovation Limited		
2021269276	FISHER & PAYKEL HEALTHCARE LIMITED		
2021269436	Honeywell International Inc.		
2021270749	The Rocket Science Group LLC		
2021273534	LG Electronics Inc.		
2021277686	Ningbo Fenghua Rising New Energy Technology Co., Ltd		
2021285824	A-Alpha Bio, Inc.		
2021290242	Ventbuster Holdings Inc.		
2021292346	thyssenkrupp nucera AG & Co. KGaA		
2021329457	SHANGHAI RUIHUKANG PHARMACEUTICAL PARTNERSHIP (LIMITED PARTNERSHIP)		
2021372955	Tai Yuan Research Institute of China Coal Technology & Engineering Group; Shanxi Tiandi Coal Mining Machinery Co., Ltd.		
2022200171	BD Kiestra B.V.		
2022200248	W. L. Gore & Associates, Inc.		
2022200830	Electronic Caregiver, Inc.		
2022200898	Angel Group Co., Ltd.		
2022201337	W. L. Gore & Associates, Inc.		
2022201921	Novartis AG		
2022201968	Accenture Global Solutions Limited		
2022202099	Precision Planting LLC		
2022202151	Progressive IP Limited		
2022202156	Joint Innovation Technology, LLC		
2022202210	Medivators, Inc.		
2022202414	Afiniti, Ltd.		
2022202568	Kop-Coat, Inc.		
2022202946	Array BioPharma Inc.		
2022203321	Tritana Intellectual Property Ltd.		
2022203358	Becton, Dickinson and Company		
2022203368	The Board of Trustees of the University of Illinois; Young, M.J.; Niederberger, C.; Pfanner, S.P.; Graham, A.; Garcia, J.; Shah, S.; Covnot, L.; Ahsan, Z.; Wilkens, K.; Luciano, C.		
2022203590	Ricoh Company, Limited		
2022203867	Repligen Corporation		

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2021209314	A01N 25 /-	A24D 3 /-	2017308120	2017201085	2020264347
A01C 5 /-	2022202568	A24F 40 /-	A61B 17 /-	2017319320	A61K 45 /-
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A01C 7 /-	2021218006	2020364112	2018269479	2017336292	2018254498
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A01G 17 /-	2021218006	A45D 34 /-	2020292273	2020217408	2018394875
2020280917	A23D 7 /-	2021211435	2020408344	2020218158	2021215849
A01G 25 /-	2017420338	A47B 57 /-	2021212088	2020223671	A61K 48 /-
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2021225232	A23L 25 /-	2017239571	2022200830	2021218227	2017218143
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A01K 13 /-	2019320734	2017239571	2019466858	A61K 33 /-	2019271067
2017248437	A23L 7 /-	2017239571	A61F 13 /-	2017201085	2019418744
2018276070	2019320734	2017239571	2019478287	2018216185	2020218158
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2020235462	2020235462	2021273534	2018375389	2016348759	A61L 2 /-
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2021204649	2018216185	B01D 29 /-	B23P 11 /-	B32B 5 /-	2020256379
2021240144	A61P 33 /-	2018295591	2017332779	2019431818	B62D 43 /-
2021269276	2018216185	2022203867	B23P 19 /-	B32B 7 /-	2021202680
A61M 25 /-	2019298306	B01D 53 /-	2017332779	2019431818	B62D 55 /-
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2020374892	2017321011	2021211356	B25J 19 /-	2017353302	B62M 6 /-
2021212088	2017376822	B01D 61 /-	2020244635	B33Y 30 /-	2019278877
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2021212088	2019231551	B01D 63 /-	2021273534	2018229975	2021249202
A61M 5 /-	2020351324	2019326038	B25J 9 /-	B42D 25 /-	B63B 27 /-
2020230288	2020387982	B01D 65 /-	2020244635	2019269553	2021211356
2020374892	2021207652	2019326038	2021266348	B60C 23 /-	B63B 35 /-
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A61N 5 /-	2022402959	B02C 17 /-	2023203633	B60G 5 /-	B63H 5 /-
2017376822	A61P 9 /-	B02C 18 /-	B26B 5 /-	2017399666	2017371678
A61N 7 /-	2022402959	2018288532	2023203631	B60P 7 /-	B64C 21 /-
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2020204162	2021205072	2021211435	B28B 1 /-	B60T 13 /-	B65D 25 /-
A61P 17 /-	A63C 17 /-	2021215293	2020430725	2021257908	2017332225
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A61P 25 /-	2022221427	B08B 3 /-	2020270394	B60T 8 /-	2017371544
2016348759	2022221427	B09C 1 /-	B29C 59 /-	2018390760	2018302386
2017336292	A63F 9 /-	2021208710	2020354334	B61K 9 /-	2019400494
2020217408	2021202860	B22F 3 /-	B29C 64 /-	2019422245	2016225930
2020218158	2022200898	2018237126	2017353302	B61L 23 /-	B65D 71 /-
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A61P 27 /-	A63K 1 /-	2018295591	2020364771		
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A61P 29 /-	B01D 17 /-				
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<u>B65G 1 /-</u>	2021203346	2021225162	2021203481		2021285824
	<u>C04B 28 /-</u>	<u>C07D 471 /-</u>	2021203796	<u>C08L 83 /-</u>	2023201773
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2020280917	2018228701	2020387982	2021203481	<u>C09D 133 /-</u>	2017217813
2021204720	2020430725	2021261840		2020323180	2017218143
<u>B65G 15 /-</u>	<u>C07B 47 /-</u>	2022202946	<u>C07K 19 /-</u>		2017306557
			2022402959	<u>C09D 151 /-</u>	2017347685
2017216448	2018389809	<u>C07D 487 /-</u>	<u>C08F 290 /-</u>	2020322642	2017415310
<u>B65G 21 /-</u>	<u>C07C 255 /-</u>	2022228101	2020322642	2020323180	2018230474
			2020323180	<u>C09D 17 /-</u>	2018279738
2021372955	2018389809	<u>C07D 491 /-</u>		2020323180	2020217408
<u>B65G 37 /-</u>	<u>C07C 323 /-</u>	2018392332	<u>C08G 18 /-</u>	2020322642	2020259891
		2020387982	2020322642	2020323180	2020281034
2021372955	2018306726	<u>C07D 498 /-</u>	2020323180	<u>C09D 175 /-</u>	2020397271
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2021372955	2021218006	<u>C07F 5 /-</u>	2019431818	2020322642	2023201773
<u>B65G 69 /-</u>	<u>C07C 69 /-</u>	2018389809	<u>C08K 13 /-</u>	2020323180	<u>C12P 7 /-</u>
		2019379808	2020346033	<u>C09K 5 /-</u>	2019428656
2021372955	2019298306	<u>C07H 15 /-</u>		2020393340	<u>C12Q 1 /-</u>
<u>B66B 1 /-</u>	<u>C07D 213 /-</u>	2018394875	<u>C08K 3 /-</u>	<u>C09K 8 /-</u>	2017213633
			2018297551	2018415552	2017223600
2020246932	2018320416	<u>C07H 21 /-</u>	2019242896	<u>C11D 3 /-</u>	2017264192
<u>B66B 11 /-</u>	2020387982	2021203272	2019431818	2022202210	2020296108
	<u>C07D 231 /-</u>		2020346033		2021200391
2020246932	2019298306	<u>C07J 31 /-</u>	<u>C08K 5 /-</u>	<u>C12M 1 /-</u>	2021203796
<u>B66B 13 /-</u>	2021225161	2021218227	2018292795	2019428656	2021212151
	2021225162		2018297551	2022203867	2021262851
2020246932	<u>C07D 247 /-</u>	<u>C07K 1 /-</u>	2019431818		<u>C12R 1 /-</u>
<u>B66B 5 /-</u>	2021329457	2022402959	2020346033	<u>C12M 3 /-</u>	2021225232
				2018230474	<u>C21B 11 /-</u>
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<u>B67D 1 /-</u>	2021329457	2017263833	2020346033	<u>C12N 1 /-</u>	2020387088
	<u>C07D 401 /-</u>	2017306557	<u>C08L 1 /-</u>	2021204450	<u>C21C 5 /-</u>
2017342168		2017324875	2020346033	2021225232	2020387088
<u>C02F 1 /-</u>	2018320416	2017345286	<u>C08L 101 /-</u>	<u>C12N 15 /-</u>	<u>C21D 8 /-</u>
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2019326038	2021225161	2017347685	<u>C08L 23 /-</u>	2017210726	<u>C22B 23 /-</u>
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<u>C03C 25 /-</u>	2022201921	2018279738	2020346033	2017264192	2019428963
	2022228101	2020223671	<u>C08L 43 /-</u>	2017324875	<u>C22B 3 /-</u>
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		2020397271	<u>C08L 51 /-</u>	2017347685	
<u>C04B 111 /-</u>	2019298306	2021203481		2018230474	
	2021225161	2021203796		2018394875	
2018228701	2021225162	2021207652		2019323501	
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2020430725					

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2017381058	2017272282	2017381058	2022225469	2020390925	<u>G01M 5 /-</u>
	2020423009			<u>F25D 29 /-</u>	2019422245
<u>C25D 7 /-</u>	<u>E21B 17 /-</u>	<u>F16C 17 /-</u>	<u>F16L 5 /-</u>	2020436860	<u>G01N 1 /-</u>
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<u>C40B 30 /-</u>	<u>E21B 23 /-</u>	<u>F16C 23 /-</u>	<u>F16L 9 /-</u>	<u>F25J 1 /-</u>	2020343837
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				2018325493	<u>G01N 23 /-</u>
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<u>E02F 3 /-</u>	2017371720	2022331907	<u>F21V 8 /-</u>	<u>F42B 12 /-</u>	2022204085
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		<u>F16F 1 /-</u>	2021202401	<u>F42B 8 /-</u>	2021229179
<u>E02F 9 /-</u>	2016434681	<u>F16F 9 /-</u>	<u>F24C 15 /-</u>		<u>G01N 33 /-</u>
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		<u>F16G 3 /-</u>	2017380531	2021203796	2021204560
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		<u>F02C 7 /-</u>	<u>F24F 1 /-</u>	2018311656	<u>G01S 13 /-</u>
<u>E04B 1 /-</u>	<u>E21D 11 /-</u>	2017332779	2020431090	2020397182	
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		2017331399	2018325493	2018204057	2021257975
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2021203208	2018279792	2018237126	2021229179	<u>G01F 15 /-</u>	2021257975
		<u>F16K 51 /-</u>	2021290242		<u>G01S 17 /-</u>
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2016259334	2022203867				
<u>E04H 1 /-</u>					

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<u>G01S 5 /-</u>	2021204770 2022204483 2022256138 2023202641	2022200898 2022221426 2022221427		<u>H02J 3 /-</u>	2021203688
2021257975			<u>H01H 1 /-</u>	2021292346	<u>H04N 19 /-</u>
<u>G01S 7 /-</u>		<u>G07F 5 /-</u>	2022204661	<u>H02J 50 /-</u>	2019370804
2021249202	<u>G06F 30 /-</u>	2017239571	<u>H01H 33 /-</u>	2017444213	<u>H04N 21 /-</u>
	2018370024		2022204661	<u>H02J 7 /-</u>	2018301314
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2021249202	2021204770	2022204466	2022204661	<u>H02M 3 /-</u>	2021273534
<u>G02B 1 /-</u>	<u>G06K 19 /-</u>	<u>G08B 21 /-</u>	<u>H01H 73 /-</u>	2018345384	<u>H04N 7 /-</u>
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<u>G02C 7 /-</u>	2021231850	<u>G09B 5 /-</u>	<u>H01L 23 /-</u>	2018345384	<u>H04W 36 /-</u>
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<u>G03G 21 /-</u>	2023202641	<u>G09C 5 /-</u>	<u>H01M 4 /-</u>	2021236516	<u>H04W 48 /-</u>
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<u>G05D 1 /-</u>	2017239571 2018267280	<u>G09G 5 /-</u>	2021236516	2021236516	2018379536
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<u>G06F 1 /-</u>	2019201125	<u>G10L 15 /-</u>	2018221581 2018316335 2020311542 2020403637	2018379536	2021203861
2018217090	<u>G06T 15 /-</u>	<u>G10L 17 /-</u>	<u>H01P 5 /-</u>	<u>H04L 27 /-</u>	<u>H04W 64 /-</u>
<u>G06F 15 /-</u>	2021203688	2021231850	2019229254	2021203861	2019467927
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<u>G06F 16 /-</u>	2017308120 2021203688 2021266348 2022200171	2020388552	2018217090	2020379142	2017436351 2019442572 2020403028
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<u>G06F 17 /-</u>	2020358453 2022200171	2020296108	2019282135	<u>H04L 9 /-</u>	2018379536 2022204446
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	2020358453	2017308120	2022225469	<u>H04M 3 /-</u>	2018379536
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		2018329871			

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H10N 69 /-

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Certified Innovation Patents

Name Index

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

(71) Kingpost Pty Ltd
 (11) AU-B-2020102369
 (21) 2020102369 (22) 22.09.2020
 (54) Post and associated components for
 fencing system
 (51) Int. Cl.
E04H 17/22 (2006.01)
E04H 12/22 (2006.01)
E04H 17/08 (2006.01)
E04H 17/16 (2006.01)
 (31) 2019903535 (32) 23.09.19 (33) AU
 (45) 03.08.2023
 (72) Burke, Cameron; Thomas, Robert
 (74) mdp Patent and Trade Mark Attorneys

(71) Tuffstuff International Pty Ltd
 (11) AU-B-2022100160
 (21) 2022100160 (22) 07.11.2022
 (54) Roller Support Apparatus & Method
 (51) Int. Cl.
B65G 39/12 (2006.01)
B65G 39/02 (2006.01)
B65G 41/00 (2006.01)
 (45) 03.08.2023
 (62) 2020203013
 (72) Holford, Graham Dean
 (74) Caska Intellectual Property Pty Ltd

Numerical Index

2020102369 Kingpost Pty Ltd
2022100160 Tuffstuff International Pty Ltd

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B65G 39 /-

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2020102369

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2020102369

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2021202477 **Bind-X GmbH** (Ceibo Comercial SpA)
- 2021203660 **The Coca-Cola Company** (GIRL FRIDAY IP PTY LTD)
- 2022279431 **B3 CORP PTY LTD** (Ezzy Fit Pty Ltd)

Patents Granted

Standard Patents

- 2016228279 2016250451 2016273835 2016304585
- 2016313437 2016340819 2016343887 2016344665
- 2016361350 2016377701 2016380351 2016409613
- 2016422146 2017201086 2017203290 2017205329
- 2017208715 2017224924 2017228251 2017235955
- 2017236050 2017250300 2017254431 2017257598
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- 2017301928 2017302735 2017304110 2017307602
- 2017308489 2017308705 2017308825 2017310041
- 2017310774 2017314186 2017314221 2017316505
- 2017319511 2017328469 2017331090 2017338922
- 2017339562 2017339763 2017341065 2017341673
- 2017343635 2017344053 2017345384 2017346515
- 2017348111 2017351985 2017353698 2017355386
- 2017356302 2017357327 2017359585 2017359597
- 2017360126 2017373483 2017378140 2017379067
- 2017380379 2017382322 2017383100 2017387972
- 2017395165 2017401885 2017413682 2017426877
- 2017427609 2017430821 2017434661 2017436113
- 2017437863 2017442107 2017444147 2018200521
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- 2018298422 2018304469 2018313744 2018319214
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- 2018330423 2018332539 2018339076 2018344749
- 2018357926 2018360586 2018360855 2018365331
- 2018367378 2018372529 2018372645 2018384100
- 2018390423 2018392008 2018401855 2018444545
- 2018448862 2019201723 2019203080 2019213694
- 2019217094 2019222537 2019222897 2019232209
- 2019244030 2019246989 2019252569 2019255515
- 2019262848 2019280696 2019289216 2019296308
- 2019303720 2019315657 2019315758 2019315764
- 2019316654 2019320964 2019330558 2019335834
- 2019339095 2019339359 2019340582 2019352421
- 2019354475 2019354482 2019354911 2019355385
- 2019363230 2019372250 2019372600 2019379045
- 2019385688 2019389903 2019390215 2019394227
- 2019397167 2019398314 2019402087 2019409705
- 2019411398 2019413799 2019415474 2019416589
- 2019428668 2019439324 2019439454 2019447734
- 2019448791 2019451511 2019452705 2019457781
- 2019462145 2019467669 2020203591 2020204946
- 2020206970 2020207837 2020210242 2020210306

Patents Granted

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- 2020212251 2020213351 2020220957 2020221953
- 2020222295 2020222296 2020226863 2020227736
- 2020229117 2020232743 2020233516 2020239680
- 2020240873 2020241055 2020244433 2020255132
- 2020257096 2020257580 2020261941 2020263491
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- 2020294228 2020296050 2020300841 2020304355
- 2020307144 2020309071 2020309470 2020310601
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- 2020341603 2020350819 2020354339 2020354640
- 2020355845 2020356269 2020357475 2020359430
- 2020376819 2020380107 2020384311 2020386867
- 2020393921 2020410300 2020413529 2020414359
- 2020415386 2020416625 2020423805 2020424992
- 2020437817 2020449438 2020449440 2020458210
- 2020466064 2020471211 2020470326 2021200359
- 2021200408 2021200423 2021200478 2021200483
- 2021200584 2021200665 2021200906 2021201003
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- 2022200367 2022200411 2022200483 2022200601
- 2022200706 2022200795 2022201107 2022201170
- 2022201261 2022202192 2022203068 2022203259
- 2022203666 2022205186 2022218547 2022218549
- 2022218557 2022218579 2022224713 2022231742
- 2022252706 2023200781 2023201206

Offer to Surrender

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2006295440 dated 21.04.2011 for an invention titled ' Capsule formulation of piperfenidone and pharmaceutically acceptable excipients' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005-1021** , the Patentee of Patent 2009313302 dated 21.04.2011 for an invention titled ' Piperfenidone treatment for patients with atypical liver function' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted

Offer to Surrender

must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2010212488 dated 19.12.2013 for an invention titled ' Pirfenidone Therapy and Inducers of Cytochrome P450' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2010212490 dated 21.04.2011 for an invention titled ' Method of Administering Pirfenidone Therapy' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2011200385 dated 01.08.2013 for an invention titled ' Pirfenidone Treatment for Patients with Atypical Liver Function' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

It is hereby notified that **InterMune, Inc. 3280 Bayshore Boulevard , Brisbane CA 94005** , the Patentee of Patent 2011201462 dated 12.01.2017 for an invention titled ' Method of Administering Pirfenidone Therapy' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Assignments Registered

2003235060 Fenemor, John The patent has been assigned to **Te Pari Products Limited**

2012277566 Leman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2013206076 FENEMOR, JOHN EDWIN The patent has been assigned to **Te Pari Products Limited**

2013270447 Altavant Sciences GmbH The patent has been assigned to **Onspira Therapeutics, Inc.**

2014217528 Léman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2014217645 Leman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2014268090 Shaw, Nicholas The patent has been assigned to **Matakana Scaffolding B.C. Inc.**

2014398171 Solidsvac Pty Ltd The patent has been assigned to **Solidsvac Pty Ltd**

2015339325 LGHorizon, LLC The patent has been assigned to **Tabor Mountain LLC**

2015343181 LGHorizon, LLC The patent has been assigned to **Tabor Mountain LLC**

2015367622 Leman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2016202906 Leman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2016220766 Kissei Pharmaceutical Co., Ltd. The patent has been assigned to **Senju Pharmaceutical Co., Ltd**

Assignments Registered

2016245325 Defence Innovations IP Pty Ltd The patent has been assigned to **Defence Innovations Pty Ltd**

2016308567 Janssen Pharmaceutica NV The patent has been assigned to **Janssen Biotech, Inc.**

2017101178 CBH Fresh Pty Ltd The patent has been assigned to **RLZI Holdings Pty. Ltd.**

2017200228 Altavant Sciences GmbH The patent has been assigned to **Onspira Therapeutics, Inc.**

2017219130 Leman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2017221837 LGHorizon, LLC The patent has been assigned to **Tabor Mountain LLC**

2019203630 Altavant Sciences GmbH The patent has been assigned to **Onspira Therapeutics, Inc.**

2019241923 Volin, Dee The patent has been assigned to **Zhejiang Zhengte Co., Ltd.**

2019326297 Huckvale, Derrick The patent has been assigned to **Zhejiang Zhengte Co., Ltd.**

2020202142 Leman Micro Devices SA The patent has been assigned to **LMD IP, LLC**

2020212041 LGHorizon, LLC The patent has been assigned to **Tabor Mountain LLC**

2020331883 Volin, Dee The patent has been assigned to **Zhejiang Zhengte Co., Ltd.**

2020421496 Volin, Dee The patent has been assigned to **Zhejiang Zhengte Co., Ltd.**

2021104739 Solidsvac Pty Ltd The patent has been assigned to **Solidsvac Pty Ltd**

2021107124 Kasvaa Pty Ltd The patent has been assigned to **GroBud Pty Ltd**

2022200402 LGHorizon, LLC The patent has been assigned to **Tabor Mountain LLC**

2022203215 LGHorizon, LLC The patent has been assigned to **Tabor Mountain LLC**

Licences Registered - Section 187, Reg. 19

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

2016368547 ETH Zürich; Universität Bern (Vifor (International) AG)

Mortgages Registered - Section 187, Reg. 19

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

2015245935 Qoria Holdings Pty Ltd (AshGrove Capital Management Ltd)

2019202203 Qoria Holdings Pty Ltd (AshGrove Capital Management Ltd)

Specifications Republished

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

2017257191 **Inovio Pharmaceuticals, Inc.**
2017265029 **Deere & Company**

Specifications Republished

2019251120 Huawei Technologies Co., Ltd.
2019296308 Huawei Technologies Co., Ltd.
2023203036 HOLLISTER INCORPORATED