



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

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Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

(i) Provisional Applications Filed, (ii)

Complete Applications Filed, (iii)

Applications Open to Public Inspection

(iv) Applications Accepted, and (v)

Innovation Patent Certified.

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

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

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

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

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

IP AUSTRALIA

AUSTRALIAN PATENT OFFICE

Seqirus, Inc. v Translate Bio, Inc. [2025] APO 5

Patent Application:	2020202755
Title:	Delivery of mRNA for the augmentation of proteins and enzymes in human genetic diseases
Patent Applicant:	Translate Bio, Inc.
Opponent:	Seqirus, Inc.
Delegate:	M. Umehara
Decision Date:	18 February 2025
Hearing Date:	25 November 2024, by video conference
Catchwords:	PATENTS – opposition to the grant of a patent under s59 – grounds of novelty, inventive step, clear enough and complete enough disclosure, support and utility – reg 5.23 request refused – lack of novelty and inventive step not established – lack of clear enough and complete enough disclosure and support – claims do not lack utility – costs awarded against applicant.
Representation:	Counsel for the applicant: Patrick Flynn Patent attorney for the applicant: Douglas Horton of Spruson & Ferguson and Andrew Rankine of Spruson & Ferguson Lawyers Patent attorney for the opponent: Declan McKeveney and Patrick McManamny of FB Rice

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 11 Feb 2025 .

(71) Agent, R. (21) 2025900444 (22) 17.02.2025 (54) DATA COMMUNICATIONS NETWORK AND METHOD FOR PROVIDING PERSONALISED HAIRSTYLE RECOMMENDATIONS	(71) ASPECT FURNITURE SYSTEMS LIMITED (21) 2025900406 (22) 14.02.2025 (54) MONITOR SUPPORT ASSEMBLY	(71) Bucci, A. (21) 2025900412 (22) 14.02.2025 (54) Enhanced Snowmaking Apparatus for Plus and Minus Temperature Operation
(71) Ainscough, N. (21) 2025900421 (22) 15.02.2025 (54) Inbuilt power & phase indication lights for line and load side of electrical switches & protective devices.	(71) AusNet Electricity Services Pty Ltd (21) 2025900438 (22) 17.02.2025 (54) Systems and methods for building electrification	(71) Buildsafe Equipment Sales Pty Ltd (21) 2025900392 (22) 13.02.2025 (54) A Walkway Board Assembly
(71) Andrew Patrick see Rolando Saltini (21) 2025900399	(71) AVICENA SYSTEMS LIMITED (21) 2025900462 (22) 18.02.2025 (54) Quantum-Enhanced Multiplexed Biosensing Using SPDC-Excited Upconverting Nanoparticle FRET Detection	(71) Burstsafte Pty Ltd (21) 2025900448 (22) 17.02.2025 (54) Plumbing connector
(71) AQ1 Systems Pty Ltd (21) 2025900417 (22) 14.02.2025 (54) Systems and Methods for Self-Testing Hydrophone Devices	(71) Bell, A. (21) 2025900404 (22) 14.02.2025 (54) System and Method for AI-Powered Human Condition Analysis via Facial and External Body Readings	(71) CashifAI Pty Ltd (21) 2025900382 (22) 12.02.2025 (54) AN AI-POWERED FINANCIAL MANAGEMENT METHOD AND SYSTEM
(71) Aquila Space Technologies Pty Ltd (21) 2025900408 (22) 14.02.2025 (54) SAFETY SYSTEMS AND METHODS FOR OPTICAL POWER BEAMING	(71) Best, C. (21) 2025900426 (22) 15.02.2025 (54) "Halo Drone: A Compact, Torus-Shaped, Bladeless Drone with Integrated AI Companion and Flush-Mounted Micro Cameras , led lights for Obstacle Avoidance and Oled screen for User Interaction. Drone linked to Starlink system for communication and emergency services calls.	(71) Cevik, C. (21) 2025900390 (22) 13.02.2025 (54) DATA COMMUNICATIONS NETWORK AND METHOD FOR FACILITATING THE LOCATION OF GOODS AND/OR SERVICES
(71) Asbestos Reports Australia Pty Limited (21) 2025900386 (22) 13.02.2025 (54) TECHNOLOGY CONFIGURED FOR ASSESSING DATA VALIDITY CONDITIONS IN RESPECT OF A DIGITAL INTERACTION, INCLUDING WHERE THE DIGITAL INTERACTION INCLUDES A BIOMETRIC IDENTIFY VERIFICATION	(71) Bonner, M. (21) 2025900378 (22) 12.02.2025 (54) Tactile Ground Surface Indicator System	(71) Child Industries Pty Ltd (21) 2025900379 (22) 12.02.2025 (54) CLOSURE FOR FLEXIBLE BAG
(71) ASPECT FURNITURE SYSTEMS LIMITED (21) 2025900405 (22) 14.02.2025 (54) CABLE MANAGEMENT SYSTEM FOR WORKSTATION	(71) BROLOCK PTY LTD (21) 2025900451 (22) 18.02.2025 (54) A SPIGOT AND METHOD OF FABRICATION	Chlmon, D. see Choi, P. (21) 2025900441
		(71) Choi, P.; Chlmon, D. (21) 2025900441 (22) 17.02.2025 (54) The patent is for a mobile phone app which utilises crowd tasking to complete courier tasks.
		(71) Clark, P. (21) 2025900424 (22) 15.02.2025 (54) 'inclusive data recursion', a data wrangling technique for lowering the

Provisional Applications Filed - Name Index cont'd

burden of data cleaning while increasing inclusion of missing data fields.	ELECTROLYSIS WITH DIRECT AIR CARBON CAPTURE	
(71) Commonwealth Scientific and Industrial Research Organisation (21) 2025900446 (22) 17.02.2025 (54) Pest detection	GEOFFREY SHAUN STEVENS see ROLANDO SALTINI (21) 2025900399	(71) Launceston Plumbing & Gas Pty Ltd (21) 2025900388 (22) 13.02.2025 (54) Socket attachment and driver bit for use therewith
(71) Cost Bry Pty Ltd (21) 2025900416 (22) 14.02.2025 (54) Novel Co-cultured Microbial Consortia and Methods	(71) Heffernan, J. (21) 2025900431 (22) 16.02.2025 (54) AI-Driven Biomarker-Based Therapy Optimization System for Personalized Cancer Treatment	(71) LifeSciTech Pty Ltd (21) 2025900383 (22) 12.02.2025 (54) Peptide-based separation agents
(71) Cumpson, P. (21) 2025900391 (22) 13.02.2025 (54) Drone detection device	(71) Illinois Tool Works Inc. (21) 2025900396 (22) 13.02.2025 (54) A joint edge protection apparatus – fastener cover	(71) Macmillan, J. (21) 2025900427 (22) 15.02.2025 (54) Biodegradable Herbicide Based on Pro-line Inhibition (HCP-24)
(71) Davern, M. (21) 2025900434 (22) 17.02.2025 (54) Aerodynamically Optimised Wind Turbine	IMAD AL KASSAA see ROLANDO SALTINI (21) 2025900399	(71) Mickan, M. (21) 2025900374 (22) 11.02.2025 (54) Memory Prioritisation Processor (MPP) and Neural Memory Accelerator (NMA)
(71) Dolatshahi Pirooz, H. (21) 2025900384 (22) 12.02.2025 (54) Motion to Voltage sea actuation (M2VSA)	(71) Jack, T. (21) 2025900428 (22) 16.02.2025 (54) Low control load variable cant angle T foil for marine vessel	(71) Nader, P. (21) 2025900370 (22) 11.02.2025 (54) Power Adaptor System for Battery-Operated Power Tools
(71) ENGED TEACHING SOLUTIONS PTY LTD (21) 2025900413 (22) 14.02.2025 (54) A self-contained, modular tabletop hydraulic flume featuring an integrated water circulation system, flow rate control, sediment filtration, and interchangeable hydraulic inserts, designed for STEAM education and engineering applications, with a focus on fluid dynamics, environmental science, and geology.	(71) Jones, W. (21) 2025900429 (22) 16.02.2025 (54) Speed-Based Elimination System for Competitive Raffles & Gaming	(71) Natural MedTech Pty Ltd (21) 2025900368 (22) 11.02.2025 (54) Methods of Baeocystin Production
FONTERRA CO-OPERATIVE GROUP LIMITED see ROLANDO SALTINI (21) 2025900399	(71) Jones, W. (21) 2025900430 (22) 16.02.2025 (54) System and Method for Pre-Recorded Posthumous Communication and Digital Legacy Management	(71) Nelson, P. (21) 2025900398 (22) 14.02.2025 (54) SYSTEM AND METHOD
(71) Francis, S. (21) 2025900449 (22) 17.02.2025 (54) Bio-motion technology- (safe seating system)	(71) Jones, R. (21) 2025900389 (22) 13.02.2025 (54) Mobile Recovery Unit with Integrated Hot & Cold Therapies	(71) NewSouth Innovations Pty Limited; Northern Sydney Local Health District; The University of Sydney; University of Technology Sydney (21) 2025900402 (22) 14.02.2025 (54) Radiation-activated photodynamic therapy for cancer treatment
(71) FreeVolt Pty Ltd (21) 2025900425 (22) 15.02.2025 (54) THERMAL STORAGE SYSTEM WITH SECONDARY REFRIGERANT CIRCULATION FOR HEATING, COOLING, AND WATER SUPPLY	(71) KC8 CAPTURE TECHNOLOGIES LTD (21) 2025900432 (22) 17.02.2025 (54) A PROCESS AND PLANT	(71) NEXT LEVEL CRATES PTY LTD (21) 2025900395 (22) 13.02.2025 (54) LIVESTOCK HANDLING SYSTEM
(71) Fugu Carbon Pty Ltd (21) 2025900415 (22) 14.02.2025 (54) SYSTEM OF INTEGRATING WASTE HEAT RECOVERY FROM WATER	(71) Klever Cap (21) 2025900450 (22) 17.02.2025 (54) Device for Covering a Drink Can	Northern Sydney Local Health District see NewSouth Innovations Pty Limited (21) 2025900402
	(71) KompLemeR Pty Ltd (21) 2025900436 (22) 17.02.2025 (54) Broad Assay of Complement Overactivation (BACON)	(71) Old, C. (21) 2025900401 (22) 14.02.2025 (54) Multilayered Quantum Processor and Compact Quantum Chip for Advanced Computational Operations
	(71) Lam, T.T. (21) 2025900411 (22) 14.02.2025 (54) SOLAR-WIND-WAVE ENERGY SYSTEMS	(71) One Kidney Pty Ltd (21) 2025900414 (22) 14.02.2025 (54) ADVANCED FILTRATION SYSTEMS FOR USE WITH IN-VIVO SYSTEMS

Provisional Applications Filed - Name Index cont'd

(71) Paramour Consulting (21) 2025900394 (22) 13.02.2025 (54) This proposal outlines a comprehensive suite of products designed to enhance the daily hygiene routines of NDIS and non-funded participants with incontinence, limited mobility, or other special needs. These products integrate innovative technology with personalised features to ensure comfort, independence, and dignity for individuals. 1. Incontinence Care Solution (Underwear multitype 2 side removal and insert) 2. Custom Automated Soap Dispenser from shower head and one-off soap sponge 3. 3 layer ply Sanitary Product for incontinence, aged care and bladder leakage	SHAUN STEVENS; FONTERRA CO-OPERATIVE GROUP LIMITED (21) 2025900399 (22) 14.02.2025 (54) HN001 FERMENTATION PRODUCT	(21) 2025900402
(71) Patriot Campers Holdings Pty Ltd (21) 2025900407 (22) 14.02.2025 (54) Camper trailer or caravan	(71) Rubicon Research Pty Ltd (21) 2025900439 (22) 17.02.2025 (54) CONTROL GATE WITH SILL TO SUP-PORT GATE MEMBER	(71) The University of Sydney (21) 2025900409 (22) 14.02.2025 (54) mRNA therapies for pain
(71) Phillips, D. (21) 2025900452 (22) 18.02.2025 (54) Separator for Combined Sewer Over-flows	(71) Scolaro, A. (21) 2025900423 (22) 15.02.2025 (54) A Power Drive	(71) The Walter and Eliza Hall Institute of Medical Research (21) 2025900410 (22) 14.02.2025 (54) GENETICALLY MODIFIED IMMUNE CELLS IMMUNE CELL POPULATIONS AND RELATED COMPOSITIONS AND METHODS
(71) PMR Labs Pty Ltd (21) 2025900440 (22) 17.02.2025 (54) Filter Cartridge Cleaner	(71) Signature Orthopaedics Pty Ltd (21) 2025900447 (22) 17.02.2025 (54) Hybrid Total Knee Arthroplasty System with Patient-Specific and Standardized Components	(71) TPG Telecom Limited (21) 2025900418 (22) 14.02.2025 (54) Methods and systems for wireless sensing
(71) Proteomics International (IP) Pty Ltd (21) 2025900435 (22) 17.02.2025 (54) Airway disease biomarkers	(71) SUPACORE PTY LTD (21) 2025900376 (22) 12.02.2025 (54) COMPRESSION GARMENT	University of Technology Sydney see NewSouth Innovations Pty Limited (21) 2025900402
(71) Reach Me Pty Ltd (21) 2025900381 (22) 12.02.2025 (54) A METHOD AND SYSTEM FOR MARKETING CAMPAIGNS	(71) Technical Limit Performance Pty Ltd (21) 2025900433 (22) 17.02.2025 (54) Energy storage and power generation system	(71) University of Wollongong (21) 2025900403 (22) 14.02.2025 (54) Methods and compositions for improving muscle recovery following exercise
ResMed Asia Pte. Ltd. see ResMed Pty Ltd (21) 2025900420	(71) Telix Pharmaceuticals (Innovations) Pty Ltd (21) 2025900393 (22) 13.02.2025 (54) Combination treatment	(71) Veganic SKN PTY LTD (21) 2025900442 (22) 17.02.2025 (54) Zinc Oxide Sunscreen Enriched with Spirulina Extract for Enhanced Protection against Free Radical-Induced Damage
(71) ResMed Pty Ltd (21) 2025900375 (22) 12.02.2025 (54) VALVE ASSEMBLY	(71) The AusHealth Hospital Research Fund Ltd (21) 2025900445 (22) 17.02.2025 (54) GLP-1 RECEPTOR AGONISTS	(71) Veganic SKN PTY LTD (21) 2025900443 (22) 17.02.2025 (54) Triple-Action Antioxidant-Enriched Zinc Oxide Sunscreen with Spirulina and Astaxanthin Extracts
(71) ResMed Pty Ltd; ResMed Asia Pte. Ltd. (21) 2025900420 (22) 14.02.2025 (54) Headgear for Patient Interfaces	(71) The Trustee for The MFD Car Care Trust (21) 2025900372 (22) 11.02.2025 (54) SURFACE PROTECTION FILM	(71) VG Group Pty Ltd t/as VORTEC GLOBAL (21) 2025900455 (22) 18.02.2025 (54) CHEMICAL SPRAYING SYSTEM
(71) Rio Tinto Leaching Technologies Pty Limited (21) 2025900380 (22) 12.02.2025 (54) Method for Extraction of Lithium	(71) The University of Adelaide (21) 2025900419 (22) 14.02.2025 (54) CONTAMINANT REMOVAL APPARATUS AND PROCESS	(71) Ware, M. (21) 2025900437 (22) 17.02.2025 (54) Water meter bollard
(71) ROLANDO SALTINI; IMAD AL KASSAA; ANDREW PATRICK; GEOFFREY	(71) The University of Melbourne (21) 2025900400 (22) 14.02.2025 (54) Modified antimicrobial molecules	(71) WEIR MINERALS AUSTRALIA LTD (21) 2025900456 (22) 18.02.2025 (54) VIBRATING SCREEN
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(71) Young, J.
(21) 2025900385 (22) 12.02.2025
(54) METHODS, SYSTEMS, AND DEVICES
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AND USE OF INTERACTIVE CON-
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Applications listed below were processed through the Patent Office Canberra during the period ending 11 Feb 2025 .

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

(71) 4D MOLECULAR THERAPEUTICS INC. (21) 2025201001 (22) 13.02.2025 (54) Compositions And Methods For Treatment Of Ocular Disease Associated With Angiogenesis	(71) Adobe Inc. (21) 2025201096 (22) 17.02.2025 (54) IMAGE RELIGHTING USING MACHINE LEARNING	(71) Angel Group Co., Ltd. (21) 2025201070 (22) 14.02.2025 (54) FRAUD DETECTION SYSTEM IN CASINO
(71) Aarhus Universitet (21) 2025201133 (22) 18.02.2025 (54) Nepenthesin-1 derived resistance to fungal pathogens in major crop plants	(71) Ahn, B. (21) 2025201124 (22) 17.02.2025 (54) METHODS AND USES OF A SERUM COMPOSITION FOR PREVENTING OR TREATING MUCOSA-RELATED INFECTIOUS DISEASE IN YOUNG MAMMALS	(71) Angel Group Co., Ltd. (21) 2025201130 (22) 18.02.2025 (54) System, chip tray, and method
(71) Ab Initio Technology LLC (21) 2025201072 (22) 14.02.2025 (54) FINITE STATE MACHINES FOR IMPLEMENTING WORKFLOWS FOR DATA OBJECTS MANAGED BY A DATA PROCESSING SYSTEM	(71) Algix, LLC (21) 2025201034 (22) 14.02.2025 (54) ELASTOMER COMPOSITE INCLUDING ALGAE BIOMASS FILLER	(71) Apple Inc. (21) 2025201020 (22) 14.02.2025 (54) Methods and interfaces for initiating communications
(71) Abiomed Europe GmbH (21) 2025201050 (22) 14.02.2025 (54) Method and apparatus for calibration and use in estimating blood flow in an intravascular blood pump	(71) Align Technology, Inc. (21) 2025201037 (22) 14.02.2025 (54) DIAGNOSTIC INTRAORAL SCANNING AND TRACKING	(71) Aprofol AG (21) 2025200965 (22) 12.02.2025 (54) FOLATE SALTS
(71) Acceleron Pharma Inc. (21) 2025200960 (22) 12.02.2025 (54) TGF-beta superfamily type I and type II receptor heteromultimers and uses thereof	(71) Align Technology, Inc. (21) 2025201042 (22) 14.02.2025 (54) INTRAORAL 3D SCANNER EMPLOYING MULTIPLE MINIATURE CAMERAS AND MULTIPLE MINIATURE PATTERN PROJECTORS	(71) Arbutus Biopharma Corporation (21) 2025201146 (22) 18.02.2025 (54) TARGETED COMPOSITIONS
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(71) Adobe Inc. (21) 2025200967 (22) 12.02.2025 (54) GENERATING ASSISTIVE GUIDES OF CANDIDATE PATHS IN AN IMAGE FOR USER TRACING INPUTS	(71) ALPHA TAU MEDICAL LTD. (21) 2025201100 (22) 17.02.2025 (54) Diffusing alpha-emitters radiation therapy with enhanced beta treatment	(71) Aristocrat Technologies Australia Pty Limited (21) 2025201054 (22) 14.02.2025 (54) ZERO WEIGHT ARTICULATING ACCESS DOOR
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(71) Adobe Inc. (21) 2025201095 (22) 17.02.2025 (54) DIRECT MANIPULATION OF IMPLICITLY DEFINED DIGITAL 3D SHAPES	(71) Angel Group Co., Ltd. (21) 2025200984 (22) 13.02.2025 (54) Counting gaming chips	(71) Asada Ladies Clinic (21) 2025200966 (22) 12.02.2025 (54) EMBRYO CULTURING DEVICE AND IMAGING DEVICE THEREFOR

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(71) Australian Mitigation Engineering Developments Pty Ltd
(21) 2025201122 (22) 17.02.2025
(54) A Driver Warning System for Railway Level Crossings

(71) Autolus Limited
(21) 2025201086 (22) 17.02.2025
(54) Chimeric Antigen Receptor

(71) B. Braun Melsungen AG
(21) 2025201112 (22) 17.02.2025
(54) System and associated procedure for immediate risk reduction for medical devices that are affected by a Field Safety Notice (FSN)

(71) BASF SE
(21) 2025201147 (22) 18.02.2025
(54) COMPOSITIONS FOR ANIMALS AND USES THEREOF

(71) BCAL Diagnostics Limited
(21) 2025201097 (22) 17.02.2025
(54) Diagnostic signature

(71) Bind-X GmbH
(21) 2025200985 (22) 13.02.2025
(54) Soil stabilizer

(71) Bio Health Frontiers, Inc.
(21) 2025201047 (22) 14.02.2025
(54) Insertion device

(71) BioLineRx Ltd.; Merck Sharp & Dohme Corp.
(21) 2025201098 (22) 17.02.2025
(54) TREATMENT OF METASTATIC PANCREATIC ADENOCARCINOMA

(71) Bionime Corporation; Bionime USA Corporation
(21) 2025201140 (22) 18.02.2025
(54) PHYSIOLOGICAL SIGNAL MONITORING DEVICE

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(21) 2025201140

(71) Blackhawk Network, Inc.
(21) 2025201104 (22) 17.02.2025
(54) Pre-printed and pre-selected lottery tickets for point-of-sale purchase

(71) Blackhawk Network, Inc.
(21) 2025201106 (22) 17.02.2025
(54) A system for packaging, processing, activating, and deactivating multiple in-

dividual transaction cards as a singular unit

(71) Block, Inc.
(21) 2025201051 (22) 14.02.2025
(54) Systems and methods for performing payment transactions

(71) Block, Inc.
(21) 2025201052 (22) 14.02.2025
(54) Systems and methods for performing payment transactions

(71) Boston Scientific Scimed, Inc.
(21) 2025201006 (22) 13.02.2025
(54) Integrated container and tube sets for fluid delivery with an endoscope

(71) Brien Holden Vision Institute Limited
(21) 2025201032 (22) 14.02.2025
(54) Devices, systems and/or methods for myopia control

(71) Buildsafe Equipment Sales Pty Ltd
(21) 2025201013 (22) 13.02.2025
(54) A Walkway Board Assembly

(71) Canon Kabushiki Kaisha
(21) 2025201065 (22) 14.02.2025
(54) Method, apparatus and system for encoding and decoding a frame

(71) Capital One Services, LLC
(21) 2025201062 (22) 14.02.2025
(54) Steganographic image encoding of biometric template information on a card

(71) Cascade Corporation
(21) 2025201103 (22) 17.02.2025
(54) CONNECTION BETWEEN FORKS AND HANGERS ON FORKS

(71) CATERPILLAR INC.
(21) 2025200962 (22) 12.02.2025
(54) VERTICAL RANGE ESTIMATION FOR TIRED MACHINE

(71) Channell Commercial Corporation
(21) 2025201123 (22) 17.02.2025
(54) Enclosure system for underground utility connections

(71) Children's Hospital Medical Center
(21) 2025200978 (22) 13.02.2025
(54) Liver organoid compositions and methods of making and using same

(71) Children's Medical Center Corporation
(21) 2025201116 (22) 17.02.2025

(54) SAPOSIN-A DERIVED PEPTIDES AND USES THEREOF

(71) CNH Industrial America LLC
(21) 2025200999 (22) 13.02.2025
(54) Hydraulic control system for an agricultural tillage implement

(71) Cociuban, M.E.V.
(21) 2025201069 (22) 14.02.2025
(54) DESCENDING MECHANISED ACCESS RAMP (D-MAR)

(71) Commonwealth Scientific and Industrial Research Organisation; Cotton Seed Distributors Ltd
(21) 2025201008 (22) 13.02.2025
(54) Cotton variety Sicot 812RRF

Commonwealth Scientific and Industrial Research Organisation see Cotton Seed Distributors Ltd
(21) 2025201010

(71) ConMed Corporation
(21) 2025201141 (22) 18.02.2025
(54) Wrist traction tower and traction tower scale

(71) Coroneo, M.
(21) 2025201113 (22) 17.02.2025
(54) OPHTHALMIC COMPOSITIONS, AND OCULAR USES THEREOF, OF INDIGO CARMINE

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(21) 2025201008

(71) Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation
(21) 2025201010 (22) 13.02.2025
(54) Cotton variety Sicot 711RRF

Crane Security Technologies, Inc. see Visual Physics, LLC
(21) 2025200969

(71) CRICUT, INC.
(21) 2025201110 (22) 17.02.2025
(54) Precision tool holder

(71) Daiichi Sankyo Company, Limited
(21) 2025201016 (22) 13.02.2025
(54) Therapy for drug-resistant cancer by administration of anti-HER2 antibody/drug conjugate

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(71) Damian Pharma AG (21) 2025201143 (22) 18.02.2025 (54) R-fadrozole for use in the treatment of aldosteronism	(71) Endosome Therapeutics, Inc. (21) 2025201136 (22) 18.02.2025 (54) Tripartite modulators of endosomal G protein-coupled receptors	FUJITSU GENERAL LIMITED see Panasonic Corporation (21) 2025201129
(71) Daon Technology (21) 2025201039 (22) 14.02.2025 (54) METHODS AND SYSTEMS FOR ENHANCING DETECTION OF FRAUDULENT DATA	(71) Engender Technologies Ltd. (21) 2025200986 (22) 13.02.2025 (54) SYSTEMS, DEVICES AND METHODS ASSOCIATED WITH MICROFLUIDIC SYSTEMS	(71) Genentech, Inc.; AC Immune SA (21) 2025201059 (22) 14.02.2025 (54) Anti-Tau antibodies and methods of their use
(71) Deere & Company (21) 2025201030 (22) 14.02.2025 (54) Work machine and method for object detection including identifying and ignoring a moveable work implement	(71) enosix, Inc. (21) 2025200949 (22) 12.02.2025 (54) MICROCOMPONENTS FOR DATA INTEGRATION AND METHODS THEREOF	(71) Genentech, Inc. (21) 2025201101 (22) 17.02.2025 (54) Biomarkers and methods of treating PD-1 and PD-L1 related conditions
(71) DEKA Products Limited Partnership (21) 2025200987 (22) 13.02.2025 (54) Infusion Pump Assembly	(71) Epitech Group SpA (21) 2025201033 (22) 14.02.2025 (54) N-palmitoylethanolamide for use in combination with a non-steroidal anti-inflammatory drug in the treatment of inflammatory pain	(71) General Pneumatics Pty. Ltd. (21) 2025200945 (22) 12.02.2025 (54) PNEUMATIC COUPLING
(71) Desky Pty Ltd (21) 2025200994 (22) 13.02.2025 (54) Adjustable cable tray for desk	(71) Epizyme, Inc. (21) 2025201027 (22) 14.02.2025 (54) Methods of treating cancer by inhibiting SETD2	(71) Gilead Sciences, Inc. (21) 2025200935 (22) 11.02.2025 (54) Capsid inhibitors for the treatment of HIV
(71) Dexcom, Inc. (21) 2025201073 (22) 14.02.2025 (54) Systems, devices, and methods to compensate for temperature effects on sensors	(71) ERESERVE PTY LTD (21) 2025201118 (22) 17.02.2025 (54) System for the Monitoring of Copyrighted Material	(71) GILEAD SCIENCES, INC. (21) 2025201145 (22) 18.02.2025 (54) Bridged tricyclic carbamoylpyridone compounds and uses thereof
(71) Disney Enterprises, Inc. (21) 2025201003 (22) 13.02.2025 (54) METHOD OF PREDICTING MICROCLIMATE CONDITIONS BASED ON GLOBAL WEATHER	(71) Figene, LLC (21) 2025201000 (22) 13.02.2025 (54) Gene therapy for the regeneration of chondrocytes or cartilage type cells	(71) Grip Holdings LLC (21) 2025201137 (22) 18.02.2025 (54) Fastener Extractor and Dislodging Tool Apparatus
(71) ELC Management LLC (21) 2025200964 (22) 12.02.2025 (54) HAIR TREATMENT COMPOSITIONS WITH AMINE DERIVATIVES	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2025200956 (22) 12.02.2025 (54) HEADGEAR ASSEMBLY WITH SEMIRIGID SIDE ARMS	(71) Guangdong Lac Smart Lighting Co., Ltd (21) 2025201015 (22) 13.02.2025 (54) FAN DEVICE
(71) Eli Lilly and Company (21) 2025201117 (22) 17.02.2025 (54) Oral drug delivery device with expanding band	(71) FISHER & PAYKEL HEALTHCARE LIMITED (21) 2025201135 (22) 18.02.2025 (54) APPARATUS FOR USE IN A RESPIRATORY SUPPORT SYSTEM	(71) Hamlin, J. (21) 2025201125 (22) 17.02.2025 (54) Formwork Panel and Method of Producing a Formwork Panel
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(71) Endocyte, Inc. (21) 2025200944 (22) 12.02.2025 (54) Methods of treating cancer	FUJITSU GENERAL LIMITED see Hitachi-Johnson Controls Air Conditioning, Inc. (21) 2025201066	(71) Hitachi-Johnson Controls Air Conditioning, Inc.; Panasonic Corporation; FUJITSU GENERAL LIMITED (21) 2025201066 (22) 14.02.2025 (54) Air conditioner
		HITACHI-JOHNSON CONTROLS AIR CONDITIONING, INC. see Panasonic Corporation

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(21) 2025201129

(71) HO, D.J.; MOHANRAJ, V.
(21) 2025201131 (22) 18.02.2025
(54) Receptacle Device

(71) HOWMEDICA OSTEONICS CORP.
(21) 2025201040 (22) 14.02.2025
(54) Humeral implant and systems and methods for implanting the same

(71) Huawei Technologies Co., Ltd.
(21) 2025200958 (22) 12.02.2025
(54) INTRA PREDICTION METHOD AND DEVICE

(71) Huawei Technologies Co., Ltd.
(21) 2025201055 (22) 14.02.2025
(54) COMMUNICATION METHOD, APPARATUS, AND SYSTEM

(71) IGT
(21) 2025201089 (22) 17.02.2025
(54) SYSTEM AND METHOD FOR MODIFYING GAMING ESTABLISHMENT MOBILE DEVICE APPLICATION

(71) IGT
(21) 2025201090 (22) 17.02.2025
(54) SYSTEM AND METHOD FOR UTILIZING MOBILE DEVICE APPLICATION TO LOCATE ELECTRONIC GAMING MACHINES

(71) IGT
(21) 2025201091 (22) 17.02.2025
(54) SYSTEM AND METHOD FOR UTILIZING MOBILE DEVICE TO PROVIDE BONUS AWARDS

(71) Illinois Tool Works Inc.
(21) 2025201046 (22) 14.02.2025
(54) Connection system and stiffening template

(71) Immunity Pharma Ltd.
(21) 2025201060 (22) 14.02.2025
(54) Compositions and methods of using same for treating amyotrophic lateral sclerosis (ALS)

(71) Implantica Patent Ltd
(21) 2025201071 (22) 14.02.2025
(54) Device For Treatment Of Aneurysm

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(71) Infestation Tracking Systems Pty. Ltd.
(21) 2025201068 (22) 14.02.2025
(54) TRACKING SYSTEM AND METHOD

(71) Infinite Water Holdings Ltd.
(21) 2025201076 (22) 14.02.2025
(54) Degradation of a Persistent Organic Pollutant from Water

(71) Insight Medical Systems, Inc.
(21) 2025200989 (22) 13.02.2025
(54) Systems and methods for sensory augmentation in medical procedures

(71) INSTITUTE OF COTTON RESEARCH, CHINESE ACADEMY OF AGRICULTURAL SCIENCES
(21) 2025201121 (22) 17.02.2025
(54) USE OF GHNFXL1 GENE IN IMPROVING SALT TOLERANCE AND/OR COLD TOLERANCE OF GOSSYPIUM PLANT

(71) Itron, Inc.
(21) 2025200983 (22) 13.02.2025
(54) Techniques for dynamically modifying operational behavior of network devices in a wireless network

(71) J & J Green Paper, Inc.; Origin Patent and Trade Mark Attorneys
(21) 2025201079 (22) 15.02.2025
(54) RECYCLABLE COMPOSITION FOR WATERPROOFING PAPER UTILIZING PLANT DERIVED WAXES, AND PELLETS UTILIZING SAID COMPOSITION

(71) James Hardie Technology Limited
(21) 2025201019 (22) 14.02.2025
(54) VENTILATED CAVITY WALL SYSTEM

(71) Jetoptera, Inc.
(21) 2025201014 (22) 13.02.2025
(54) Configuration for vertical take-off and landing system for aerial vehicles

(71) Juul Labs, Inc.
(21) 2025201063 (22) 14.02.2025
(54) Leak resistant vaporizer device

(71) Kabushiki Kaisha Toshiba
(21) 2025201142 (22) 18.02.2025
(54) Sequestration system

(71) Kao, J.
(21) 2025200974 (22) 12.02.2025
(54) Hangable tool holding frame

(71) KARAPANAGOS, G.
(21) 2025201134 (22) 18.02.2025
(54) A METHOD OF FACILITATING OWNERSHIP OF RESIDENTIAL PROPERTY

(71) Keros Therapeutics, Inc.
(21) 2025200977 (22) 13.02.2025
(54) Activin receptor type IIa variants and methods of use thereof

(71) Kohl, T.
(21) 2025201012 (22) 13.02.2025
(54) DOOR, DOOR CLOSING ARRANGEMENT AND DOOR ASSEMBLY

(71) Krystal Biotech, Inc.
(21) 2025201099 (22) 17.02.2025
(54) Compositions and methods for delivering CFTR polypeptides

(71) Ialad, a.
(21) 2025201017 (22) 13.02.2025
(54) Smart Lesion Locator

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(21) 2025200953

(71) LIFETIME PRODUCTS, INC.
(21) 2025200951 (22) 12.02.2025
(54) Locking mechanism for a folding table

(71) Lincoln University
(21) 2025201126 (22) 18.02.2025
(54) METHODS AND COMPOSITIONS COMPRISING TRICHODERMA HAMATUM

(71) Marine Stainless & Alloy Solutions
(21) 2025201105 (22) 17.02.2025
(54) Watercraft Lifting and Stowing Device

(71) MAX CO., LTD.
(21) 2025200990 (22) 13.02.2025
(54) STAPLE

(71) MedImmune Limited
(21) 2025201056 (22) 14.02.2025
(54) RSV-specific antibodies and functional parts thereof

(71) Melissa & Doug, LLC
(21) 2025201023 (22) 14.02.2025
(54) KIT OF PARTS TO FORM CONNECTOR FOR AN ASSEMBLY TOY AND CONNECTOR FORMED THEREFROM

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(71) Merck Patent GmbH
(21) 2025200954 (22) 12.02.2025
(54) MOLECULES WITH SOLUBILITY TAG
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**Merck Sharp & Dohme Corp. see BioLin-
eRx Ltd.**

(21) 2025201098

(71) Mesoblast International Sarl
(21) 2025200937 (22) 11.02.2025
(54) Prevention of progressive heart failure

(71) Metaurus, LLC
(21) 2025201053 (22) 14.02.2025
(54) SYSTEMS AND METHODS TO FA-
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(71) Metaurus, LLC
(21) 2025201114 (22) 17.02.2025
(54) SYSTEMS AND METHODS FOR
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(71) Metso Outotec Finland Oy
(21) 2025201139 (22) 18.02.2025
(54) TRUCK BOX

(71) MileIQ Inc.
(21) 2025200991 (22) 13.02.2025
(54) Mobile device distance tracking

(71) Milwaukee Electric Tool Corporation
(21) 2025201138 (22) 18.02.2025
(54) HARD HAT LAMP ATTACHMENT SYS-
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(21) 2025201131

(71) Moharram Ventures Inc.
(21) 2025201132 (22) 18.02.2025
(54) Biodegradable polymer composition
and method of producing the same

(71) MonoSol, LLC
(21) 2025201061 (22) 14.02.2025
(54) Water soluble fibers with post process
modifications and articles containing
same

(71) Motz Enterprises, Inc.
(21) 2025200973 (22) 12.02.2025
(54) Erosion control structure

(71) MYOKARDIA, INC.
(21) 2025200975 (22) 13.02.2025

(54) TETRAHYDROPYRAN (THP)-SUBSTI-
TUTED BICYCLIC-PYRIMIDINEDIONE
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(71) Nanjing Chervon Industry Co., Ltd.
(21) 2025201064 (22) 14.02.2025
(54) HANDHELD POWER TOOL AND
CHAINSAW

(71) NaNotics, LLC
(21) 2025201024 (22) 14.02.2025
(54) Compositions and methods for inhibit-
ing the biological activity of soluble bio-
molecules

(71) NEOGAP Therapeutics AB
(21) 2025201021 (22) 14.02.2025
(54) T-cell expansion method and uses

(71) NEW ZEALAND FOOD RESEARCH
LABORATORIES LIMITED
(21) 2025201088 (22) 17.02.2025
(54) A Method for Preparing High-vmax,
High-Bioactivity Lactase Nanoparticles
with pH-Responsive Properties

(71) NEXTRACKER LLC
(21) 2025201119 (22) 17.02.2025
(54) Support Frames for Solar Trackers

(71) Nippon Steel Corporation; Vallourec Oil
and Gas France
(21) 2025201038 (22) 14.02.2025
(54) Oil-well metal pipe

(71) Nokia Technologies Oy
(21) 2025201029 (22) 14.02.2025
(54) Uplink information based on wake-up
signal

(71) Nokia Technologies Oy
(21) 2025201035 (22) 14.02.2025
(54) Method of providing access for reduced
capability devices, user equipment, and
base station thereof

(71) Novohale Therapeutics, LLC
(21) 2025201057 (22) 14.02.2025
(54) Dry powder ketamine composition for
use in the treatment of depression by
pulmonary administration

(71) Ocado Innovation Limited
(21) 2025200972 (22) 12.02.2025
(54) Methods, systems and apparatus for
controlling movement of transporting
devices

(71) OPT Hire Assets Pty Ltd
(21) 2025201109 (22) 17.02.2025

(54) Securing shipping containers

(71) OPTI-THERA Inc.; Les Laboratoires
Servier
(21) 2025200953 (22) 12.02.2025
(54) Polygenic Risk Scores For Predicting
Disease Complications And/Or Re-
sponse To Therapy

**Origin Patent and Trade Mark Attorneys
see J & J Green Paper, Inc.**
(21) 2025201079

(71) Orthopediatrics Corp.
(21) 2025200946 (22) 12.02.2025
(54) Bottom loaded pedicle screw

(71) Ospedale San Raffaele S.r.l.;
Fondazione Telethon
(21) 2025201007 (22) 13.02.2025
(54) Permanent epigenetic gene silencing

(71) Ostara Nutrient Recovery Technologies
Inc.
(21) 2025201028 (22) 14.02.2025
(54) TREATMENT OF PHOSPHATE-CON-
TAINING WASTEWATER AND METH-
ODS FOR FINES CONTROL

(71) P.A. S.P.A.
(21) 2025200993 (22) 13.02.2025
(54) Spray gun trigger, spray gun comprising
said trigger and safety lock for said trig-
ger

(71) Pagden, K.
(21) 2025201081 (22) 15.02.2025
(54) Antiviral room air decontaminating filter
system

**Panasonic Corporation see Hitachi-John-
son Controls Air Conditioning, Inc.**
(21) 2025201066

(71) Panasonic Corporation; FUJITSU GEN-
ERAL LIMITED; HITACHI-JOHNSON
CONTROLS AIR CONDITIONING, INC.
(21) 2025201129 (22) 18.02.2025
(54) Refrigeration cycle device

(71) Panasonic Intellectual Property Corpor-
ation of America
(21) 2025201009 (22) 13.02.2025
(54) Communication apparatus and commu-
nication method

(71) PartWorks, LLC
(21) 2025201045 (22) 14.02.2025
(54) Rivetless Fastener And Installation Tool

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(71) Petrucci, G.M.
(21) 2025201004 (22) 13.02.2025
(54) Methods and materials for treating blood vessels

(71) POLYTROPIC
(21) 2025200950 (22) 12.02.2025
(54) System and method for regulating a bathing pool, such as a swimming pool or a spa

(71) PPX Technology Pty Ltd
(21) 2025201074 (22) 14.02.2025
(54) Tool and Method for Forming Piles

(71) Presidio Medical, Inc.
(21) 2025201058 (22) 14.02.2025
(54) METHODS AND SYSTEMS FOR NERVE CONDUCTION BLOCK

(71) Prok Conveyor Components Pty Ltd
(21) 2025200961 (22) 12.02.2025
(54) CONVEYOR ROLLER TUBE

(71) Prothena Biosciences Limited; Tufts Medical Center, Inc.
(21) 2025200997 (22) 13.02.2025
(54) Treatment of AL amyloidosis with the combination of monoclonal antibodies against immunoglobulin light chains and the CD38 cell membrane molecule on antibody-producing and other immune cells

(71) PTC Therapeutics MP, Inc.
(21) 2025201002 (22) 13.02.2025
(54) Pharmaceutically acceptable salts of sepiapterin

(71) Redbelly Blockchain Holdings Pty Ltd
(21) 2025200959 (22) 12.02.2025
(54) Blockchain System and Method

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025200939 (22) 12.02.2025
(54) CAS-TRANSGENIC MOUSE EMBRYONIC STEM CELLS AND MICE AND USES THEREOF

(71) Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology
(21) 2025200955 (22) 12.02.2025
(54) Methods for treating active eosinophilic esophagitis

(71) Regeneron Pharmaceuticals, Inc.
(21) 2025201018 (22) 13.02.2025
(54) Anti-PD-1 antibodies for treatment of lung cancer

Regeneron Pharmaceuticals, Inc. see Sanofi Biotechnology
(21) 2025201031

(71) Rio Tinto Alcan International Limited
(21) 2025200996 (22) 13.02.2025
(54) BAYER PROCESS

(71) RIPEN TECH PTY LTD
(21) 2025201083 (22) 15.02.2025
(54) An installation method for real-time fruit, vegetable, and nuts monitoring

(71) Sage Products LLC
(21) 2025201022 (22) 14.02.2025
(54) Bed exercise systems and methods

(71) Salient IP Holder Pty Ltd
(21) 2025201084 (22) 16.02.2025
(54) ANTI-THEFT SCREW AND CORRESPONDING KEY

Sanofi Biotechnology see Regeneron Pharmaceuticals, Inc.
(21) 2025200955

(71) Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
(21) 2025201031 (22) 14.02.2025
(54) Methods for treating chronic sinusitis with nasal polyps by administering an IL-4R antagonist

(71) Sarepta Therapeutics, Inc.
(21) 2025200952 (22) 12.02.2025
(54) Exon skipping compositions for treating muscular dystrophy

(71) Scrub Daddy, Inc.
(21) 2025201005 (22) 13.02.2025
(54) Scrubbing tool having a dissolvable cleaning head

(71) SENSE2 PTY LTD
(21) 2025200936 (22) 11.02.2025
(54) 3D STACKED NEUROMORPHIC PHOTONIC AI ACCELERATOR WITH ADVANCED NEUROMORPHIC LEARNING, ALL OPTICAL/HYBRID PHOTONIC-PLASMONIC INTERCONNECTS, ENHANCED QUANTUM-CLASSICAL INTEGRATION, DYNAMIC THERMAL MANAGEMENT WITH NEXT GENERATION TEGs, AND EXPANDED HPC/EDGE/GPU/ASIC INTEGRATION

(71) SENSE2 PTY LTD
(21) 2025201078 (22) 15.02.2025

(54) Synergistic Nutraceutical Composition and Methods for Enhanced Antiviral, Anti Inflammatory, and Senescence Modulating Efficacy via pH Triggered Sequential Release Nanoemulsion Systems

(71) Seraxis, Inc.
(21) 2025201067 (22) 14.02.2025
(54) Pancreatic cells for treating diabetes and methods of generating the same

(71) Shoulder Innovations, Inc.
(21) 2025200941 (22) 12.02.2025
(54) CONVERTIBLE TOTAL SHOULDER PROSTHESIS

(71) Slenett-Roberts, T.
(21) 2025201082 (22) 15.02.2025
(54) Process of Solar Wind Cube Generator.

(71) Snap-on Incorporated
(21) 2025201128 (22) 18.02.2025
(54) Power tool and locking mechanisms for manual torque application

(71) Société des Produits Nestlé S.A.
(21) 2025200963 (22) 12.02.2025
(54) Handling of food processor

(71) Soft Rigging Solutions Pty Ltd
(21) 2025200970 (22) 12.02.2025
(54) RECOVERY AND LIFTING ASSEMBLY COMPONENTS

(71) Soremartec S.A.
(21) 2025200942 (22) 12.02.2025
(54) A PROCESS FOR UPCYCLING SPENT COFFEE GROUNDS INTO AN ANTIOXIDANT DIETARY FIBER

(71) Stratco (Australia) Pty Limited
(21) 2025201025 (22) 14.02.2025
(54) AN OUTDOOR ENCLOSURE

(71) Syncona IP Holdco Limited
(21) 2025200979 (22) 13.02.2025
(54) Gene therapy

(71) Tempus AI, Inc.
(21) 2025201049 (22) 14.02.2025
(54) An integrated machine-learning framework to estimate homologous recombination deficiency

(71) Tenax International S.p.A.
(21) 2025201026 (22) 14.02.2025
(54) Sweeping machine

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(71) Tencent America LLC
(21) 2025200940 (22) 12.02.2025
(54) METHOD AND APPARATUS FOR VIDEO CODING

(71) Tencent America LLC
(21) 2025201043 (22) 14.02.2025
(54) TECHNIQUES FOR BITSTREAM EXTRACTION FOR SUBPICTURE IN CODED VIDEO STREAM

(71) Tencent America LLC
(21) 2025201077 (22) 14.02.2025
(54) Method and Apparatus for Video Coding

(71) Tesla, Inc.
(21) 2025200948 (22) 12.02.2025
(54) Predicting three-dimensional features for autonomous driving

(71) The Insides Company Limited
(21) 2025200976 (22) 13.02.2025
(54) DEVICES FOR USE WITH SURGICALLY CREATED ORIFICES

(71) THERAPEX CO., LTD.; INDUSTRY-ACADEMIC COOPERATION FOUNDATION, YONSEI UNIVERSITY
(21) 2025200980 (22) 13.02.2025
(54) Pyrimidine derivative having protein kinase inhibitory activity, and therapeutic pharmaceutical composition comprising same

(71) The Raymond Corporation
(21) 2025200971 (22) 12.02.2025
(54) Systems and methods for docking automated guided vehicles to a material handling vehicle

(71) THE TEXAS A & M UNIVERSITY SYSTEM
(21) 2025200992 (22) 13.02.2025
(54) HEAVY OIL CRACKING DEVICE SCALEUP WITH MULTIPLE ELECTRICAL DISCHARGE MODULES

THE UNIVERSITY OF SYDNEY see WESTERN SYDNEY LOCAL HEALTH DISTRICT
(21) 2025201087

(71) TRIG POINT PTY LTD
(21) 2025200957 (22) 12.02.2025
(54) Hinge

(71) Trina Solar Co., Ltd.
(21) 2025200998 (22) 13.02.2025
(54) Back-contact cell and preparation method thereof and back-contact cell module

Tufts Medical Center, Inc. see Prothena Biosciences Limited
(21) 2025200997

(71) Tung Hing Plastic Manufactory Limited
(21) 2025201093 (22) 17.02.2025
(54) HAIR FASTENERS

(71) UCL Business Ltd
(21) 2025200968 (22) 12.02.2025
(54) Novel compounds

(71) United Laboratories International, LLC
(21) 2025201044 (22) 14.02.2025
(54) SOLVENT COMPOSITION AND PROCESS FOR REMOVAL OF ASPHALT AND OTHER CONTAMINANT MATERIALS

(71) University of Central Florida Research Foundation, Inc.
(21) 2025201075 (22) 14.02.2025
(54) Methods and compositions high scale therapeutic production of memory-like NK cells

(71) University of Central Florida Research Foundation, Inc.
(21) 2025201094 (22) 17.02.2025
(54) Methods and compositions high scale therapeutic production of memory-like NK cells

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(21) 2025201038

(71) Vanderbilt University
(21) 2025200947 (22) 12.02.2025
(54) Generation of human allergen and helminth-specific IgE monoclonal antibodies for diagnostic and therapeutic use

(71) Verisure Sàrl
(21) 2025200982 (22) 13.02.2025
(54) SMOKE GENERATOR WITH DEFLECTOR

(71) Visual Physics, LLC; Crane Security Technologies, Inc.
(21) 2025200969 (22) 12.02.2025
(54) An improved polymeric sheet material for use in making polymeric security documents such as banknotes

(71) Voyager Therapeutics, Inc.
(21) 2025201036 (22) 14.02.2025
(54) REDIRECTION OF TROPISM OF AAV CAPSIDS

(71) W. L. GORE & ASSOCIATES, INC.
(21) 2025201111 (22) 17.02.2025
(54) An implantable device for branched lumens with associated systems and methods

(71) Welltec A/S
(21) 2025200943 (22) 12.02.2025
(54) Downhole tubing intervention tool

(71) WESTERN SYDNEY LOCAL HEALTH DISTRICT; THE UNIVERSITY OF SYDNEY
(21) 2025201087 (22) 17.02.2025
(54) Ventilation assistance

(71) WONDERLAND SWITZERLAND AG
(21) 2025201011 (22) 13.02.2025
(54) HANDRAIL MECHANISM AND BABY CARRIAGE INCLUDING THE SAME

(71) Worg Pharmaceuticals (Zhejiang) Co., Ltd.
(21) 2025201115 (22) 17.02.2025
(54) Method

(71) Zealandia Innovations Ltd
(21) 2025200981 (22) 13.02.2025
(54) A staircase construction

(71) Zhejiang Huayou Cobalt Co., Ltd.
(21) 2025201107 (22) 17.02.2025
(54) Method for preparing iron phosphate and MHP by synergistic smelting of ferromnickel and nickel laterite

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2025200939	Regeneron Pharmaceuticals, Inc.	2025201005	Scrub Daddy, Inc.
2025200940	Tencent America LLC	2025201006	Boston Scientific Scimed, Inc.
2025200941	Shoulder Innovations, Inc.	2025201007	Ospedale San Raffaele S.r.l.; Fondazione Telethon
2025200942	Soremartec S.A.	2025201008	Commonwealth Scientific and Industrial Research Organisation; Cotton Seed Distributors Ltd
2025200943	Welltec A/S		Panasonic Intellectual Property Corporation of America
2025200944	Endocyte, Inc.	2025201009	Cotton Seed Distributors Ltd; Commonwealth Scientific and Industrial Research Organisation
2025200945	General Pneumatics Pty. Ltd.	2025201010	WONDERLAND SWITZERLAND AG
2025200946	Orthopediatrics Corp.		Kohl, T.
2025200947	Vanderbilt University	2025201011	Buildsafe Equipment Sales Pty Ltd
2025200948	Tesla, Inc.	2025201012	Jetoptera, Inc.
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2025200951	LIFETIME PRODUCTS, INC.	2025201015	Ialzad, a.
2025200952	Sarepta Therapeutics, Inc.	2025201016	Regeneron Pharmaceuticals, Inc.
2025200953	OPTI-THERA Inc.; Les Laboratoires Servier	2025201017	James Hardie Technology Limited
2025200954	Merck Patent GmbH	2025201018	Apple Inc.
2025200955	Regeneron Pharmaceuticals, Inc.; Sanofi Biotechnology	2025201019	NEOGAP Therapeutics AB
2025200956	FISHER & PAYKEL HEALTHCARE LIMITED	2025201020	Sage Products LLC
2025200957	TRIG POINT PTY LTD	2025201021	Melissa & Doug, LLC
2025200958	Huawei Technologies Co., Ltd.	2025201022	NaNotics, LLC
2025200959	Redbelly Blockchain Holdings Pty Ltd	2025201023	Stratco (Australia) Pty Limited
2025200960	Acceleron Pharma Inc.	2025201024	Tenax International S.p.A.
2025200961	Prok Conveyor Components Pty Ltd	2025201025	Epizyme, Inc.
2025200962	CATERPILLAR INC.	2025201026	Ostara Nutrient Recovery Technologies Inc.
2025200963	Société des Produits Nestlé S.A.	2025201027	Nokia Technologies Oy
2025200964	ELC Management LLC	2025201028	Deere & Company
2025200965	Aprofol AG	2025201029	Sanofi Biotechnology; Regeneron Pharmaceuticals, Inc.
2025200966	Asada Ladies Clinic	2025201030	Brien Holden Vision Institute Limited
2025200967	Adobe Inc.	2025201031	Epitech Group SpA
2025200968	UCL Business Ltd	2025201032	Algix, LLC
2025200969	Visual Physics, LLC; Crane Security Technologies, Inc.	2025201033	Nokia Technologies Oy
2025200970	Soft Rigging Solutions Pty Ltd	2025201034	Voyager Therapeutics, Inc.
2025200971	The Raymond Corporation	2025201035	Align Technology, Inc.
2025200972	Ocado Innovation Limited	2025201036	Nippon Steel Corporation; Vallourec Oil and Gas France
2025200973	Motz Enterprises, Inc.	2025201037	Daon Technology
2025200974	Kao, J.	2025201038	HOWMEDICA OSTEONICS CORP.
2025200975	MYOKARDIA, INC.		Applied Medical Resources Corporation
2025200976	The Insides Company Limited	2025201039	Align Technology, Inc.
2025200977	Keros Therapeutics, Inc.	2025201040	Tencent America LLC
2025200978	Children's Hospital Medical Center	2025201041	United Laboratories International, LLC
2025200979	Syncona IP Holdco Limited	2025201042	PartWorks, LLC
2025200980	THERAPEX CO., LTD.; INDUSTRY-ACADEMIC CO-OPERATION FOUNDATION, YONSEI UNIVERSITY	2025201043	Illinois Tool Works Inc.
		2025201044	Bio Health Frontiers, Inc.
2025200981	Zealandia Innovations Ltd	2025201045	Aristocrat Technologies Australia Pty Limited
2025200982	Verisure Sarl	2025201046	Tempus AI, Inc.
2025200983	Itron, Inc.	2025201047	Abiomed Europe GmbH
2025200984	Angel Group Co., Ltd.	2025201048	Block, Inc.
2025200985	Bind-X GmbH	2025201049	Block, Inc.
2025200986	Engender Technologies Ltd.	2025201050	Metaurus, LLC
2025200987	DEKA Products Limited Partnership	2025201051	Aristocrat Technologies Australia Pty Limited
2025200988	Emelem Pty Ltd	2025201052	Huawei Technologies Co., Ltd.
2025200989	Insight Medical Systems, Inc.	2025201053	MedImmune Limited
2025200990	MAX CO., LTD.	2025201054	Novohale Therapeutics, LLC
2025200991	MileIQ Inc.	2025201055	Presidio Medical, Inc.
2025200992	THE TEXAS A & M UNIVERSITY SYSTEM	2025201056	Genentech, Inc.; AC Immune SA
2025200993	P.A. S.P.A.	2025201057	Immunity Pharma Ltd.
2025200994	Desky Pty Ltd	2025201058	MonoSol, LLC
2025200995	Arla Foods Amba	2025201059	Capital One Services, LLC
2025200996	Rio Tinto Alcan International Limited	2025201060	Juul Labs, Inc.
2025200997	Prothena Biosciences Limited; Tufts Medical Center, Inc.	2025201061	Nanjing Chervon Industry Co., Ltd.
		2025201062	Canon Kabushiki Kaisha
2025200998	Trina Solar Co., Ltd.	2025201063	
2025200999	CNH Industrial America LLC	2025201064	
2025201000	Figene, LLC	2025201065	
2025201001	4D MOLECULAR THERAPEUTICS INC.		

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2025201067	Seraxis, Inc.	2025201134	KARAPANAGOS, G.
2025201068	Infestation Tracking Systems Pty. Ltd.	2025201135	FISHER & PAYKEL HEALTHCARE LIMITED
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2025201071	Implantica Patent Ltd	2025201138	Milwaukee Electric Tool Corporation
2025201072	Ab Initio Technology LLC	2025201139	Metso Outotec Finland Oy
2025201073	Dexcom, Inc.	2025201140	Bionime Corporation; Bionime USA Corporation
2025201074	PPX Technology Pty Ltd	2025201141	ConMed Corporation
2025201075	University of Central Florida Research Foundation, Inc.	2025201142	Kabushiki Kaisha Toshiba
2025201076	Infinite Water Holdings Ltd.	2025201143	Damian Pharma AG
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2025201078	SENSE2 PTY LTD	2025201146	Arbutus Biopharma Corporation
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2025201080	Alleviant Medical, Inc.		
2025201081	Pagden, K.		
2025201082	Slennett-Roberts, T.		
2025201083	RIPEN TECH PTY LTD		
2025201084	Salient IP Holder Pty Ltd		
2025201086	Autolus Limited		
2025201087	WESTERN SYDNEY LOCAL HEALTH DISTRICT; THE UNIVERSITY OF SYDNEY		
2025201088	NEW ZEALAND FOOD RESEARCH LABORATORIES LIMITED		
2025201089	IGT		
2025201090	IGT		
2025201091	IGT		
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2025201093	Tung Hing Plastic Manufactory Limited		
2025201094	University of Central Florida Research Foundation, Inc.		
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2025201098	BioLineRx Ltd.; Merck Sharp & Dohme Corp.		
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2025201100	ALPHA TAU MEDICAL LTD.		
2025201101	Genentech, Inc.		
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2025201115	Worg Pharmaceuticals (Zhejiang) Co., Ltd.		
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2025201123	Channell Commercial Corporation		
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2025201129	Panasonic Corporation; FUJITSU GENERAL LIMITED; HITACHI-JOHNSON CONTROLS AIR CONDITION- ING, INC.		
2025201130	Angel Group Co., Ltd.		
2025201131	HO, D.J.; MOHANRAJ, V.		
2025201132	Moharram Ventures Inc.		

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)
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25	Application Lapsed Reg. 22.2I(2)
26	Application Lapsed Reg. 3.5AC(11)
27	Application Lapsed Reg. 3.5AF(2F)
28	Application Lapsed Reg. 22.15A(3)
A	Applications on which examination has not been requested or directed
B	Applications on which a direction to request examination has been given
C	Applications on which examination has been requested or on which an examination report has been issued
D	Applications which have been accepted or advertised accepted
E	Patents on which an examination has not been requested
F	Patents on which an examination has been requested or report issued
G	Patents Certified
N	Applications not Open to Public Inspection

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2005212405 (14) 2005212409 (14) 2005212435 (14)
2005212496 (14) 2005212839 (14) 2005213082 (14)
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2021331475 (5C)	2021333063 (5C)	2021333498 (5C)
2021337005 (5C)	2021348146 (5C)	2021370458 (5C)
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2021411730 (5C)	2021448614 (5C)	

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2025200048 (12CN) 2025200439 (12CN) 2025200530 (12CN)
2025200701 (12CN) 2025200890 (12CN) 2025900272 (12AN)

Assignments before Grant, Section 113

2018

2018204484 All Valve Industries Pty Ltd; Farman Consultants Pty Ltd The application has been assigned to **Farman Consultants Pty Ltd**

2019

2019205134 Dr. Reddy's Laboratories Ltd. The application has been assigned to **Journey Medical Corporation**

2019246292 Université de Liège The application has been assigned to **Gesval S.A.**

2019260693 Evotec (Modena) Srl The application has been assigned to **EIR Biotherapies Srl**

2019283998 JOHNSON, Christopher; IASELLA, Jeanne; COEN, Michael The application has been assigned to **TeleTracking Technologies, Inc.**

2019334932 Teva Pharmaceutical Industries Ltd. The application has been assigned to **Family Health International d/b/a FHI 360**

2019339870 GC CELL CORPORATION; MorphoSys AG The application has been assigned to **GC CELL CORPORATION; Incyte Corporation**

2019347727 POURRAHIMI, Shahin The application has been assigned to **Superconducting Systems, Inc.**

2019359460 Trinity Bay Equipment Holdings, LLC The application has been assigned to **FlexSteel USA, LLC**

2019362923 Perron Institute for Neurological and Translational Science Limited The application has been assigned to **ProGenis Pty Ltd**

Assignments before Grant, Section 113

2019410931 Frant, Miikka The application has been assigned to **MAF Medical Solutions Oy**

2020

2020388644 Trinity Bay Equipment Holdings, LLC The application has been assigned to **FlexSteel USA, LLC**

2021

2021302126 NONA BIOSCIENCES (SHANGHAI) CO., LTD The application has been assigned to **Harbour Biomed (Shanghai), Co., Ltd.**

2021329742 Ajou University Industry-Academic Cooperation Foundation The application has been assigned to **FatiAbGen Inc.**

2021341895 Universidade Do Porto; FACULDADE DE FARMÁCIA DA UNIVERSIDADE DE LISBOA; UNIVERSIDADE PEDAGÓGICA; INSTITUTO DE PATOLOGIA E IMUNOLOGIA MOLECULAR DA UNIVERSIDADE DO PORTO - IPATIMUP The application has been assigned to **BBIT-Therapeutics, Lda.**

2021902554 545490 Pty. Ltd. The application has been assigned to **Karta USA Inc**

2022

2022203287 Intrexon Corporation; Sertturner Corp. The application has been assigned to **Antheia, Inc.**

2022291609 Pall Corporation The application has been assigned to **Cytiva US LLC**

2022292383 AURORA VACCINES, INC. The application has been assigned to **The Governors of the University of Alberta**

2022307252 O.C.O. TECHNOLOGY LTD The application has been assigned to **O.C.O Technology Group Limited**

2022326490 LEWIS WOOLCOTT The application has been assigned to **LWARE Pty Ltd**

2022330311 FLSMIDT A/S The application has been assigned to **FLSmidt Cement A/S**

2022330705 545490 PTY. LTD. The application has been assigned to **Karta USA Inc**

2022340702 AMERICA NATIONAL POWER STORAGE LLC The application has been assigned to **D-AUS Energy Storage Technology (Xi'an) Co., Ltd**

2022901409 545490 Pty. Ltd. The application has been assigned to **Karta USA Inc**

2023

2023221822 PENGKIPHEN BIOTECH LIMITED COMPANY The application has been assigned to **Kevici (Shanghai) Pharmaceutical Co., Ltd.**

Assignments before Grant, Section 113

2023237047 Meissner, Felix; Winter, Sebastian Virreira The application has been assigned to **Brucker Switzerland AG**

2023241716 BIOLAB SCIENCES, INC. The application has been assigned to **BioLab Holdings, Inc.**

2023312744 EXTRACT MANAGEMENT COMPANY, LLC The application has been assigned to **Extract Companies, LLC**

2023331427 A-WORK SERVICES PTY LTD The application has been assigned to **SRSO Linen and Laundry Services Pty Ltd**

2024

2024202726 Ohio State Innovation Foundation; Nationwide Children's Hospital, Inc. The application has been assigned to **Nationwide Children's Hospital; Ohio State Innovation Foundation**

2024203196 Pall Corporation The application has been assigned to **Cytiva US LLC**

2024203499 TIDY PAWS PETS PTY LTD The application has been assigned to **Weir, Kusa**

2024205294 ICYBREEZE COOLING LLC The application has been assigned to **Solo Brands, LLC**

2024266733 Pilbara Conveyor Supplies Pty Ltd The application has been assigned to **Flexco (Aust) Pty Ltd**

2024901856 The University of Melbourne; Hartanto, Crystal The application has been assigned to **The University of Melbourne**

2025

2025200826 Dr. Reddy's Laboratories Ltd. The application has been assigned to **Journey Medical Corporation**

Extensions of Time, Section 223

Applications Received

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

2019

2019203948 **Schwihag AG Gleis- und Weichentechnik** An application to extend the time from 06 Jun 2024 to 06 Feb 2025 in which to pay a continuation fee has been filed . Address for service - McCABE & COMPANY PO Box 24140 WELLINGTON 6142 NZ

2021

2021101435 **ERBERN PTY LTD** An application to extend the time from 19 Mar 2024 to 19 Nov 2024 in which to pay a renewal fee has been filed . Address for service - MGMTCNLSLTNG PTY LTD 43 Winchester Ave NSW Lindfield NSW 2070 AU

2022

2022412640 **SHENYANG PHARMACEUTICAL UNIVERSITY** An application to extend the time from 15 Jul 2024 to 15 Feb 2025 in which to enter the National Phase has been filed . Address for service - Davies

Extensions of Time, Section 223

Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2024

2024200394 **Attochron, LLC** An application to extend the time from 20 May 2024 to 20 Dec 2024 in which to pay a renewal fee has been filed . Address for service - LAMINAR IP PTY LTD PO Box 599 Milsons Point NSW 1565 AU

Applications Allowed - Section 223(2)

2010

2010217190 **Mayne Pharma LLC** The time in which to pay a renewal fee has been extended to 24 Sep 2024 . Address for service - Davies Collison Cave Pty Ltd 1 Nicholson St Melbourne VIC 3000 AU

2016

2016364907 **Minnetronix, Inc.** The time in which to pay a renewal fee has been extended to 02 Dec 2024 . Address for service - Pizzzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2020

2020230352 **SEEX, K.** The time in which to request examination has been extended to 18 Oct 2024 . Address for service - Walsh & Associates Locked Bag 2011 Glebe Post Office GLEBE NSW 2037 AU

2021

2021211192 **Beacon Group International Products Ltd** The time in which to request examination has been extended to 29 Jan 2025 . Address for service - Integrated IP Level 8, 99 Walker Street North Sydney NSW 2060 AU

2021222112 **Wireman Pty Limited** The time in which to request examination has been extended to 26 Feb 2025 . Address for service - Fraser Old & Sohn PO Box 560 MILSONS POINT NSW 1565 AU

2023

2023236806 **STARS TECHNOLOGY CORPORATION; WEGENG, R.S.; WALTERS, D.** The time in which to enter the National Phase has been extended to 16 Dec 2024 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2024

2024204656 **Conventus Orthopaedics, Inc.** The time in which to make a further application for a divisional patent has been extended to 03 Aug 2024 . Address for service - Michael Buck IP PO Box 78 Red Hill QLD 4059 AU

2024227505 **O'Brien, B.** The time in which to request examination has been extended to 29 Jan 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2024264651 **Infinant Health, Inc** The time in which to comply with a direction under Reg 3.2A has been extended to 18 Feb 2025 . Address for service - Pearce IP Pty Ltd L5, 20 Bond St SYDNEY NSW 2000 AU

2024266766 **Green Ess Pty Ltd** The time in which to comply with a direction under Reg 3.2A has been extended to 26 Feb 2025 . Address for

Extensions of Time, Section 223

service - ALTON LEGAL PTY LTD SE 901 L 9 370 Pitt St Sydney NSW 2000 AU

Section 223(1) Allowances

2022

2022335931 **GLOBAL MET TECH PTY LTD** The time in which to file a statement of grounds and particulars has been extended to 22 Feb 2025

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.

2008

2008266131 Methods of treating cell culture media for use in a bioreactor **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2014

2014228448 Systems and methods for deploying autonomous underwater vehicles from a ship **Hadal, Inc.** The nature of the amendment is as shown in the statement(s) filed 09 Dec 2024 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2014342232 Use of monensin to regulate glycosylation of recombinant proteins **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2014380174 Overexpression of N-glycosylation pathway regulators to modulate glycosylation of recombinant proteins **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2017

2017311664 Regimens and methods of treating multiple sclerosis using ofatumumab **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2017364150 Underwater craft less likely to be detected across great distances **ThyssenKrupp Marine Systems GmbH ; thyssenkrupp AG** The nature of the amendment is: Amend the name of the inventor to add MAHON, Daniel . Address for service - Griffith Hack Level 15, 376-390 Collins Street Melbourne VIC 3000 AU

2017364818 Ligand-binding molecule having adjustable ligand binding activity **Chugai Seiyaku Kabushiki Kaisha** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2025 . Address

Amendments

for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017380871 Antibody drug conjugates (ADCs) having enzymatically cleavable groups **Bayer Pharma Aktiengesellschaft ; Bayer Aktiengesellschaft** The nature of the amendment is as shown in the statement(s) filed 31 Jan 2025 . Address for service - Davies Collison Cave Pty Ltd Level 4 7 Macquarie Place Sydney NSW 2000 AU

2018

2018201844 Use Of Monensin To Regulate Glycosylation Of Recombinant Proteins **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018238202 Combination therapy for the treatment or prevention of tumours **QBiotech Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 29 Jan 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2018256574 ANCHORING SYSTEM FOR SAFETY BELTS OF A CHILD SAFETY SEAT **Britax Romer Kindersicherheit GmbH** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2025 . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2018264100 Overexpression Of N-Glycosylation Pathway Regulators To Modulate Glycosylation Of Recombinant Proteins **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2018307569 Adenoviral vectors **Oxford Genetics Limited** The nature of the amendment is as shown in the statement(s) filed 16 Jan 2025 . Address for service - FB Rice Pty Ltd L 33 477 Collins Street Melbourne VIC 3000 AU

2018427211 Fish-mouth-resistant waterproofing membrane **GCP Applied Technologies Inc.** The nature of the amendment is as shown in the statement(s) filed 10 Feb 2025 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019365849 Methods and devices for removing impurities from electrolytes **Lockheed Martin Energy, LLC** The nature of the amendment is as shown in the statement(s) filed 13 Feb 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020

2020201112 Regimens and methods of treating multiple sclerosis using ofatumumab **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 11 Feb 2025 . Address for service - Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street MELBOURNE VIC 3000 AU

2020239681 Overexpression Of N-Glycosylation Pathway Regulators To Modulate Glycosylation Of Recombinant Proteins **Amgen Inc.** The nature of the amendment is as shown in the statement(s) filed 11

Amendments

Feb 2025 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2020264490 Orthodontic bracket with a biased ligating member **World Class Technology Corporation** The nature of the amendment is as shown in the statement(s) filed 30 Jan 2025 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020357905 Non-toxic clostridial neurotoxin polypeptides for use in treating neurological disorders **Ipsen Biopharm Limited** The nature of the amendment is as shown in the statement(s) filed 05 Feb 2025 . Address for service - Griffith Hack Level 15 376-390 Collins St MELBOURNE VIC 3000 AU

2020396565 MASP-2 inhibitors and methods of use **Omeros Corporation** The nature of the amendment is as shown in the statement(s) filed 03 Feb 2025 . Address for service - FPA Patent Attorneys Pty Ltd Level 19, South Tower 80 Collins Street Melbourne VIC 3000 AU

2021

2021268212 Chimeric influenza vaccines **Academia Sinica** The nature of the amendment is: Amend the name of the inventor to read LIAO, Hsin-Yu; WANG, Shih-Chi; KO, Yi-An; LIN, Kuo-I; MA, Che; CHENG, Ting-Jen and WONG, Chi-Huey . Address for service - AJ PARK PO Box 949 Wellington 6140 NZ

2022

2022234725 LOW-DENSITY HOLLOW GLASS BEAD (HGB) FLUIDS FOR WELLBORE DRILLING, COMPLETION, AND WORKOVER OPERATIONS **EXXONMOBIL TECHNOLOGY AND ENGINEERING COMPANY** The nature of the amendment is as shown in the statement(s) filed 07 Feb 2025 . Address for service - Allens Patent & Trade Mark Attorneys 101 Collins Street MELBOURNE VIC 3000 AU

Amendments Made

2017

2017225076 **Alnylam Pharmaceuticals, Inc.** The nature of the amendment is as shown in the statement filed 14 Oct 2024

2017239036 **Půta, V.** The nature of the amendment is: Amend the name of the inventor to read Půta, Václav

2017293925 **Howard Hughes Medical Institute** The nature of the amendment is as shown in the statements filed 08 Oct 2024 and 28 October 2024

2017336249 **Ascendis Pharma Bone Diseases A/S** The nature of the amendment is as shown in the statement filed 01 Nov 2024

2017371069 **The Brigham and Women's Hospital, Inc.; Université Claude Bernard Lyon 1; NH TherAguix; Centre national de la recherche scientifique** The nature of the amendment is as shown in the statement filed 21 Nov 2024

2018

2018378556 **Opec Remediation Technologies Pty Limited** The nature of the amendment is: Amend the name of the inventor to read PHILLIPS, Steven Edward and BURNS, David John

Amendments

2019

2019261811 **Rookwood General Cemeteries Reserve Land Manager** The nature of the amendment is: Application is to proceed under the number 2019101859

2019267680 **Melbourne Health** The nature of the amendment is as shown in the statement filed 05 Nov 2024

2019336760 **D'Amico, B.M.; D'Amico Jr., F.J.** The nature of the amendment is as shown in the statement filed 01 Nov 2024

2019373741 **Easydoing Oy** The nature of the amendment is: Amend the invention title to read SADDLE CHAIR WITH A DIVIDED SEAT

2020

2020333519 **Streamlight, Inc.** The nature of the amendment is as shown in the statement filed 19 Nov 2024

2021

2021203211 **Anglo American Technical & Sustainability Services Ltd; Anglo Corporate Services South Africa (Pty) Ltd** The nature of the amendment is as shown in the statement filed 25 Oct 2024

2021223184 **Pfizer Inc.** The nature of the amendment is as shown in the statement filed 13 Nov 2024

2021257848 **Voyager Therapeutics, Inc.** The nature of the amendment is: Amend the name of the inventor to read CARTER, Todd; HOU, Jinzhao; KURELLA, Vinodhbabu; CAPILI, Allan D.; LIU, Wencheng; CHUNG, Hiu Yan; HOLTH, Jerrah; KAVANAGH, Dillon and PARANJPE, Maneesha Anand

2021288251 **Phantasm Limited** The nature of the amendment is as shown in the statements filed 21 Feb 2024 and 21 Mar 2024

2021290234 **Colgate-Palmolive Company** The nature of the amendment is: Amend the name of the inventor to read AGBLEY, Esinam Kuma; ZUNIGA, Arturo; HERNANDEZ, Edgar H and SORIA, Karla Mitzy

2022

2022201689 **Aristocrat Technologies Australia Pty Limited** The nature of the amendment is: Amend the name of the inventor to read PERROW, Shane; DENNISON, Myron and BRYANT, Natalie

2022214582 **KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY** The nature of the amendment is as shown in the statement filed 14 Nov 2024

2022215254 **Fraser, M.A.** The nature of the amendment is: Application is to proceed under the number 2022100199

2022221510 **Illinois Tool Works Inc.** The nature of the amendment is: Application is to proceed under the number 2022100198

2022272575 **JIANGSU CHIA TAI FENGHAI PHARMACEUTICAL CO., LTD.; JIANGSU CHUANGTE PHARMACEUTICAL TECHNO-**

Amendments

LOGY CO., LTD The nature of the amendment is as shown in the statement filed 18 Nov 2024

2022291627 **PayPal, Inc.** The nature of the amendment is as shown in the statement filed 15 Nov 2024

2022377166 **CONOCOPHILLIPS COMPANY** The nature of the amendment is as shown in the statement filed 13 Nov 2024

2022388843 **Exedy Clutch Europe Limited** The nature of the amendment is: Amend the name of the inventor to read KIST, Wicher; SCHINKEL, Gerwin; VAN DIJK, Sander; KORTSTRA, Jan Roelof; DE KONING, Maurits and COYSH, Peter

2022472701 **YAKU SPA; PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE** The nature of the amendment is as shown in the statement filed 06 Feb 2025

2023

2023100082 **Scott Automation & Robotics Pty Ltd** The nature of the amendment is as shown in the statement filed 03 Sep 2024

2023201919 **Infosys Limited** The nature of the amendment is: Amend the name of the inventor to read WESTON-LEWIS, Sebastian

2023231110 **AMGEN INC.** The nature of the amendment is: Amend the name of the inventor to read MANNION, Madeline, Ann; HELLSTROM JR., Richard, Lee and KAARE SOELBERG, Peter, Dan

2023263477 **FUSUS, LLC** The nature of the amendment is: Amend the name of the inventor to read Christopher R. Lindenau; David A. Robinson; Jesse H. Smith; Luis Fernando Diaz Velazquez and Cody D. Mullin

2023326696 **SANDVIK MINING AND CONSTRUCTION OY** The nature of the amendment is: Amend the invention title to read MINING VEHICLE ROUTE ADAPTATION

2023326722 **SANDVIK MINING AND CONSTRUCTION OY** The nature of the amendment is: Amend the invention title to read MINING VEHICLE OBSTACLE DETECTION

2023329558 **TORAY INDUSTRIES, INC.** The nature of the amendment is: Amend the invention title to read MEDICAMENT FOR TREATMENT AND/OR PREVENTION OF CANCER

2023329564 **TORAY INDUSTRIES, INC.** The nature of the amendment is: Amend the invention title to read MEDICAMENT FOR TREATMENT AND/OR PREVENTION OF CANCER

2023332832 **QINGDAO KINGAGROOT SEED SCIENCE CO., LTD.** The nature of the amendment is: Amend the invention title to read A MUTANT INSECTICIDAL PROTEIN Vip3 AND ITS APPLICATION

2023333668 **JFE STEEL CORPORATION** The nature of the amendment is: Amend the invention title to read METHOD OF PRODUCING IRON ORE PELLETS

2023342774 **GENESIS THERAPEUTICS, INC.** The nature of the amendment is: Amend the name of the inventor to read NAGLE, Advait; STOCK, Nicholas Simon; SWIDERSKI, Wojciech Piotr; FEINBERG,

Amendments

Evan Nathaniel; SKLAROFF, Ben; REINUS, Brandon; MCALPINE, Indrawan; INDARTE, Martin; BURKE, Christopher P.; NAGAMIZO, Joe Fred and VAN VENROOY, Alexis

2023355052 **ILLUMINA, INC.** The nature of the amendment is: Amend the name of the inventor to read KHOO, Norman; CAO, Zhenning; DAVIDSON, Justin; ANG, Beng Keong; ATHANASIOU, Panteleimon; YU, Hao and CHENG, Heng Kuang

2023408406 **LG ENERGY SOLUTION, LTD.** The nature of the amendment is: Amend the invention title to read Battery management apparatus and method

2025

2025200712 **Joy Global Surface Mining Inc** The nature of the amendment is: Amend the priority details to read as a Divisional Application of Patent Application 2022222753

2025200801 **Spellman High-Voltage Electronics Corporation** The nature of the amendment is: Amend the invention title to read MEASUREMENT OF LOAD CAPACITANCE OR IMPEDANCE IN HIGH-VOLTAGE DC POWER SUPPLIES

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

2014

2014350614 **DST Defence Service Tracks GmbH** The name of the patentee has been altered to **KNDS Deutschland Tracks GmbH**

2016

2016332207 **Heart Test Laboratories, Inc.** The name of the patentee has been altered to **HeartSciences Inc.**

2017

2017239036 **Putá, Václav** The name of the patentee has been altered to **Putá, V.**

2019

2019299439 **Sotio, LLC** The name of the applicant has been altered to **Sotio Biotech, Inc.**

2019307937 **Simulated Inanimate Models, LLC** The name of the applicant has been altered to **Viomerse, Inc.**

2019350717 **Cardurion Pharmaceuticals, LLC** The name of the applicant has been altered to **Cardurion Pharmaceuticals, Inc.**

2019438802 **Blue Origin Alabama, LLC** The name of the applicant has been altered to **Blue Origin Manufacturing, LLC**

2020

2020225376 **Chambers Technology Inc.** The name of the applicant has been altered to **Chambers Technology, LLC**

2021

2021215346 **HTC-Assistance** The name of the applicant has been altered to **Brightflow**

Amendments

2021260430 Heart Sense Sp. z o.o. The name of the applicant has been altered to **Quantum Innovations sp. z o.o.**

2021409729 CHROMA MEDICINE, INC. The name of the applicant has been altered to **NCHROMA BIO, INC.**

2022

2022202541 Pesense Pty L td The name of the patentee has been altered to **Pesense Pty Ltd**

2023

2023272156 I-MAB BIOPHARMA CO., LTD. ; ABL BIO INC. The name of the applicant has been altered to **I-MAB BIOPHARMA US LIMITED; ABL BIO INC.**

2023289294 CHROMA MEDICINE, INC. The name of the applicant has been altered to **NCHROMA BIO, INC.**

2023356678 MCCUE CORPRATION The name of the applicant has been altered to **McCue Corporation**

2024

2024278534 Hartford Steam Boiler Inspection and Insurance Company The name of the applicant has been altered to **The Hartford Steam Boiler Inspection and Insurance Company**

2024901248 Fisher & Paykel Appliances The name of the applicant has been altered to **FISHER & PAYKEL APPLIANCES LIMITED**

2024903030 STOMAL SPONGE The name of the applicant has been altered to **Cronin, T.; Boundy, M.**

Applications Open to Public Inspection

Name Index

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

(71) 4C Medical Technologies, Inc. (11) AU-A-2025200840 (21) 2025200840 (22) 07.02.2025 (54) Stent features and methods to aid with apposition and alignment to native anatomy mitigation of paravalvular leak (51) Int. Cl. <i>A61F 2/24</i> (2006.01) <i>A61F 2/00</i> (2006.01) <i>A61F 2/02</i> (2006.01) (43) 27.02.2025 (62) 2019205179 (72) KRUSE, Steven D.; CHAMBERS, Jeffrey W.; DIEDERING, Jason S.; KUMAR, Saravana B. (74) FPA Patent Attorneys Pty Ltd	<i>H04W 72/0453</i> (2023.01) (31) 63/532,075 (32) 11.08.23 (33) US 18/768,021 10.07.24 US (43) 27.02.2025 (72) CHEN, Jen-Hsien; LEE, Chien-Min; LO, Li-Chung (74) Collison & Co (71) Alchin Long Group IP Pty Limited (11) AU-A-2024205349 (21) 2024205349 (22) 01.08.2024 (54) Rolling track assembly for a sliding door or window (51) Int. Cl. <i>E05D 15/06</i> (2006.01) <i>E05D 15/26</i> (2006.01) (31) 2023902555 (32) 11.08.23 (33) AU (43) 27.02.2025 (72) BIRO, Mitchell; PELEKANOS, Stylianos; FABAL, Alejandro (74) GLMR	(21) 2025200698 (22) 01.02.2025 (54) VARIANT IGF2 CONSTRUCTS (51) Int. Cl. <i>C07K 14/65</i> (2006.01) <i>A61K 38/30</i> (2006.01) <i>A61K 38/46</i> (2006.01) <i>A61K 48/00</i> (2006.01) <i>C12N 9/24</i> (2006.01) <i>C12N 9/48</i> (2006.01) <i>C12N 15/62</i> (2006.01) <i>C12N 15/86</i> (2006.01) (43) 27.02.2025 (62) 2020361703 (72) DO, Hung; TUSKE, Steven; GOTSCHALL, Russell; LIU, Ce Feng (74) Dark IP
(71) 7-ELEVEN, INC. (11) AU-A-2024205553 (21) 2024205553 (22) 06.08.2024 (54) SYSTEM AND METHOD FOR IDENTIFYING A SECOND ITEM BASED ON AN ASSOCIATION WITH A FIRST ITEM (51) Int. Cl. <i>G06V 20/64</i> (2022.01) <i>G06N 20/00</i> (2019.01) <i>G06V 10/764</i> (2022.01) <i>G06V 10/82</i> (2022.01) (31) 18/366,155 (32) 07.08.23 (33) US (43) 27.02.2025 (72) Datar, Sumedh Vilas; Krishnamurthy, Sailesh Bharathwaaj; Masini, Shashipal Reddy; Mirza, Shahmeer Ali (74) RnB IP Pty Ltd	(71) Amgen Inc. (11) AU-A-2025200735 (21) 2025200735 (22) 03.02.2025 (54) Low-viscosity antigen binding proteins and methods of making them (51) Int. Cl. <i>C07K 16/28</i> (2006.01) <i>G01N 11/00</i> (2006.01) <i>C07K 16/00</i> (2006.01) (43) 27.02.2025 (62) 2017336673 (72) HUH, Joon; STEVENSON, Riki; BONDARENKO, Pavel; NICHOLS, Andrew; REN, Da; AGRAWAL, Neeraj Jagdish; SMITH, Richard (74) Spruson & Ferguson	(71) Angel Group Co., Ltd. (11) AU-A-2025200766 (21) 2025200766 (22) 05.02.2025 (54) COMPUTING APPARATUS APPLYING MACHINE LEARNING TO CAPTURED IMAGES OF A GAMING SURFACE (51) Int. Cl. <i>G06T 7/10</i> (2017.01) <i>G06F 18/21</i> (2023.01) <i>G06V 10/82</i> (2022.01) (43) 27.02.2025 (62) 2022291472 (72) VO, Nhat; CHALLA, Subhash; QUINN, Louis (74) RnB IP Pty Ltd
(71) ABUS August Bremicker Söhne KG (11) AU-A-2024205544 (21) 2024205544 (22) 06.08.2024 (54) PROTECTIVE HELMET (51) Int. Cl. <i>A42B 3/06</i> (2006.01) <i>A42B 3/04</i> (2006.01) <i>A42B 3/22</i> (2006.01) (31) 102023121097.1 (32) 08.08.23 (33) DE (43) 27.02.2025 (72) Caron, Jean-Francois; Richert, Stefan (74) PHILLIPS ORMONDE FITZPATRICK	(71) Amgen Inc. (11) AU-A-2025200804 (21) 2025200804 (22) 06.02.2025 (54) Method for making injectable pharmaceutical compositions (51) Int. Cl. <i>A61K 9/00</i> (2006.01) <i>A61P 7/06</i> (2006.01) <i>A61P 37/04</i> (2006.01) <i>A61P 37/06</i> (2006.01) <i>G01N 15/02</i> (2024.01) <i>G01N 15/10</i> (2024.01) (43) 27.02.2025 (62) 2019260418 (72) SPASOFF, Andrew Phillip; ATKINSON, Susanne Therese; BENNIS, Adrian; FREUND, Erwin (74) Spruson & Ferguson	(71) Angel Group Co., Ltd. (11) AU-A-2025200796 (21) 2025200796 (22) 06.02.2025 (54) GAME SYSTEM (51) Int. Cl. <i>A63F 11/00</i> (2006.01) <i>A63F 1/00</i> (2006.01) (43) 27.02.2025 (62) 2022283758 (72) Shigeta, Yasushi (74) RnB IP Pty Ltd
(71) Acer Incorporated (11) AU-A-2024205573 (21) 2024205573 (22) 07.08.2024 (54) METHOD FOR SETTING SUBBAND FULL DUPLEX RESOURCE AND USER EQUIPMENT. (51) Int. Cl. <i>H04W 72/04</i> (2023.01) <i>H04L 5/14</i> (2006.01) <i>H04W 72/0446</i> (2023.01)	(71) Amicus Therapeutics, Inc. (11) AU-A-2025200698	(71) Angel Group Co., Ltd. (11) AU-A-2025200881 (21) 2025200881 (22) 08.02.2025

Applications Open to Public Inspection - Name Index cont'd

(54) FRAUD DETECTION SYSTEM IN CASINO
(51) Int. Cl.
G07C 11/00 (2006.01)
A47B 25/00 (2006.01)
G06T 7/00 (2017.01)
(43) 27.02.2025
(62) 2023248182
(72) Shigeta, Yasushi
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2025200916
(21) 2025200916 (22) 11.02.2025
(54) User interface for camera effects
(51) Int. Cl.
G03B 19/22 (2021.01)
G06F 3/0484 (2022.01)
G06F 3/0488 (2022.01)
(43) 27.02.2025
(62) 2024213126
(72) MANZARI, Johnnie B.; PIVONKA, Pavel; DYE, Alan C.; LEMAY, Stephen O.; BEREZA, Marek; PRESTON, Daniel Trent; BRASKET, Jeffrey A.
(74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
(11) AU-A-2025200849
(21) 2025200849 (22) 07.02.2025
(54) Total mesorectal excision surgical simulator
(51) Int. Cl.
A61B 17/42 (2006.01)
G09B 23/28 (2006.01)
(43) 27.02.2025
(62) 2018388635
(72) FERNANDEZ, Anya; HOFSTETTER, Gregory
(74) Griffith Hack

(71) ARCACTIVE LIMITED
(11) AU-A-2025200934
(21) 2025200934 (22) 11.02.2025
(54) LEAD-ACID BATTERY AND MANUFACTURE METHOD
(51) Int. Cl.
H01M 4/14 (2006.01)
H01M 4/02 (2006.01)
H01M 10/06 (2006.01)
H01M 10/12 (2006.01)
(43) 27.02.2025
(62) 2023332650
(72) MCKENZIE, Stuart; CHRISTIE, Shane
(74) AJ PARK

(71) Ares Trading S.A.
(11) AU-A-2025200885
(21) 2025200885 (22) 10.02.2025
(54) Communication apparatus for use with electronic communication element, electronic communication element and uses thereof
(51) Int. Cl.
G06K 19/07 (2006.01)
G06K 19/077 (2006.01)

H04B 1/707 (2011.01)
G06K 7/00 (2006.01)
G06Q 10/08 (2024.01)
H01Q 1/22 (2006.01)
H04B 5/00 (2024.01)
(43) 27.02.2025
(62) 2018454225
(72) MACCOR, Alessandro; SAELEN, Wim; HENDERSON, Charles; RELPH, Peter
(74) FPA Patent Attorneys Pty Ltd

(71) Aristocrat Technologies, Inc.
(11) AU-A-2024204599
(21) 2024204599 (22) 03.07.2024
(54) GAME OPERATION HAVING PRE-DEFINED DISPLAY PATTERNS FOR TRIGGERING A BONUS GAME IN A RANDOM BASED GAMING ARCHITECTURE
(51) Int. Cl.
G07F 17/32 (2006.01)
(31) 18/239,513 (32) 29.08.23 (33) US
63/531,215 07.08.23 US
(43) 27.02.2025
(72) Marks, Daniel; Xu, Hua
(74) James & Wells Intellectual Property

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025200824
(21) 2025200824 (22) 06.02.2025
(54) ELECTRONIC GAMING MACHINE AND METHODS FOR DISPLAYING SUPPLEMENTAL INFORMATION
(51) Int. Cl.
G07F 17/34 (2006.01)
G06F 16/40 (2019.01)
G08B 21/20 (2006.01)
(43) 27.02.2025
(62) 2019200708
(72) Essex, Bruce W.
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Limited
(11) AU-A-2025200825
(21) 2025200825 (22) 06.02.2025
(54) MULTI-CABINET GAME BUILD AND GAMING MACHINES USING SAME
(51) Int. Cl.
A63F 13/60 (2014.01)
G07F 17/32 (2006.01)
(43) 27.02.2025
(62) 2019202666
(72) DUA, Dinesh; MARKS, Daniel Mordecai
(74) Griffith Hack

(71) Aristocrat Technologies Australia Pty Ltd
(11) AU-A-2023214325
(21) 2023214325 (22) 10.08.2023
(54) GAMING DEVICE WITH OVERLAY PRIZE SYMBOLS
(51) Int. Cl.
G07F 17/34 (2006.01)
A63F 13/56 (2014.01)

(43) 27.02.2025
(72) MATOS, Joshua; RICHARDSON, Geoffrey; CHOUDHARY, Rajni
(74) James & Wells Intellectual Property

(71) Axon Enterprise, Inc.
(11) AU-A-2024202358
(21) 2024202358 (22) 11.04.2024
(54) Preventing Accidental Ending Of Video Data Capture
(51) Int. Cl.
G06F 3/01 (2006.01)
G06T 5/00 (2006.01)
(31) 63/532,308 (32) 11.08.23 (33) US
(43) 27.02.2025
(72) CASTORENA, Morgan G; NARASIMHAN, Karthik; GILMOUR, Nicholas R
(74) WRAYS PTY LTD

Beth Israel Deaconess Medical Center, Inc.
see Children's Medical Center Corporation
(21) 2025200879

(71) Boston Scientific Neuromodulation Corporation
(11) AU-A-2025200870
(21) 2025200870 (22) 07.02.2025
(54) Circuitry to assist with neural sensing in an implantable stimulator device in the presence of stimulation artifacts
(51) Int. Cl.
A61N 1/02 (2006.01)
A61B 5/00 (2006.01)
A61N 1/05 (2006.01)
A61N 1/36 (2006.01)
(43) 27.02.2025
(62) 2023201484
(72) WEERAKOON, Pujitha; MARNFELDT, Goran N.
(74) Spruson & Ferguson

(71) Boston Scientific Scimed, Inc.
(11) AU-A-2025200887
(21) 2025200887 (22) 10.02.2025
(54) Device tip
(51) Int. Cl.
A61B 1/00 (2006.01)
(43) 27.02.2025
(62) 2023222832
(72) CALABRESE, Andrew; WOOD, Mark D.; HUGHES, Gregory Thomas; GAFFNEY, Brian
(74) Spruson & Ferguson

(71) BXB Digital Pty Limited
(11) AU-A-2025200800
(21) 2025200800 (22) 06.02.2025
(54) SYSTEMS AND METHODS FOR TRACKING GOODS CARRIERS
(51) Int. Cl.
G06V 10/74 (2022.01)
G06F 18/24 (2023.01)
G06N 3/02 (2006.01)
G06V 10/40 (2022.01)

Applications Open to Public Inspection - Name Index cont'd

(43) 27.02.2025
(62) 2023200597
(72) Bricarello, Dan; Castillo, Juan; Srinivasamurthy, Prasad; Souder, Michael
(74) Pizzzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Capital One Services, LLC
(11) AU-A-2025200850
(21) 2025200850 (22) 07.02.2025
(54) Tap card to securely generate card data to copy to clipboard
(51) Int. Cl.
H04W 4/80 (2018.01)
G06F 9/54 (2006.01)
G06Q 20/32 (2012.01)
G06Q 20/38 (2012.01)
G06Q 20/40 (2012.01)
G07F 7/08 (2006.01)
(43) 27.02.2025
(62) 2023202633
(72) RULE, Jeffrey; MORETON, Paul; LUTZ, Wayne; JI, Jason
(74) GLMR

(71) CATERPILLAR INC.
(11) AU-A-2024204418
(21) 2024204418 (22) 27.06.2024
(54) LINEAR ACTUATOR-BASED RIDE CONTROL
(51) Int. Cl.
E02F 9/20 (2006.01)
E02F 3/00 (2006.01)
E02F 9/00 (2006.01)
(31) 18/221715 (32) 13.07.23 (33) US
(43) 27.02.2025
(72) CLER, Eric W.
(74) FPA Patent Attorneys Pty Ltd

(71) CATERPILLAR INC.
(11) AU-A-2024204954
(21) 2024204954 (22) 18.07.2024
(54) MOBILE EQUIPMENT OPTIMIZED FOR A SWAPPABLE BATTERY SOLUTION
(51) Int. Cl.
B60L 53/80 (2019.01)
B25J 5/00 (2006.01)
B25J 19/02 (2006.01)
B25J 19/06 (2006.01)
B60L 53/53 (2019.01)
B60S 5/06 (2019.01)
H01M 50/20 (2021.01)
H01M 50/24 (2021.01)
H01M 50/244 (2021.01)
(31) 18/233051 (32) 11.08.23 (33) US
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(72) PETERSON, Grant Steven
(74) FPA Patent Attorneys Pty Ltd

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(54) Undercarriage wear prediction using machine learning model
(51) Int. Cl.

G01M 13/00 (2019.01)
G01M 17/00 (2006.01)
G05B 23/02 (2006.01)
G06N 3/08 (2023.01)
G07C 5/08 (2006.01)
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(72) ZHANG, Li; JOHANNSEN, Eric J.; ZHANG, Yanchai; HU, Xuefei; HOYT, Daniel W.
(74) FPA Patent Attorneys Pty Ltd

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(21) 2023214285 (22) 09.08.2023
(54) Interactive studying tool for students
(51) Int. Cl.
G09B 7/00 (2006.01)
G06F 40/258 (2020.01)
G06F 40/289 (2020.01)
G06F 40/35 (2020.01)
G06N 20/00 (2019.01)
G09B 5/14 (2006.01)
G09B 7/08 (2006.01)
G06Q 50/00 (2012.01)
G09B 5/08 (2006.01)
G09B 7/04 (2006.01)
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(43) 27.02.2025
(72) Chierchia, Isabel
(74) Isabel Chierchia

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(21) 2025200879 (22) 08.02.2025
(54) PRODUCTS AND METHODS TO ISOLATE MITOCHONDRIA
(51) Int. Cl.
B01L 3/00 (2006.01)
B01D 39/00 (2006.01)
C12M 1/00 (2006.01)
G01N 1/40 (2006.01)
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(21) 2025200642 (22) 30.01.2025
(54) Formulations and Kits for Radiotherapy and Diagnostic Imaging
(51) Int. Cl.
A61K 31/395 (2006.01)

A61K 33/34 (2006.01)
A61K 51/04 (2006.01)
A61P 35/00 (2006.01)
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(62) 2019251769
(72) HARRIS, Matthew John; LUMB, Sean
(74) Davies Collison Cave Pty Ltd

(71) CMBlu Energy AG
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(21) 2025200854 (22) 07.02.2025
(54) Redox flow battery electrolytes
(51) Int. Cl.
H01M 8/18 (2006.01)
C10G 1/00 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(51) Int. Cl.
H02J 7/00 (2006.01)
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(51) Int. Cl.
C12N 15/113 (2010.01)
A61K 48/00 (2006.01)
A61P 25/28 (2006.01)
C07K 14/775 (2006.01)
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(72) CRYSTAL, Ronald G.; STILES, Katie
(74) Davies Collison Cave Pty Ltd

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(51) Int. Cl.
C12N 15/67 (2006.01)
(43) 27.02.2025
(62) 2018351481
(72) SCHLAKE, Thomas; THESS, Andreas; THRAN, Moritz; CHEVESSIER-TÜNNESSEN, Frédéric; PÖNISCH, Marion
(74) Allens Patent & Trade Mark Attorneys

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(54) Dosing system and method
(51) Int. Cl.

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A01K 39/02 (2006.01)
A61D 7/00 (2006.01)
G05B 19/00 (2006.01)
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(72) PEART, Mark Rawlinson; FEEZ, Thomas Robinson
(74) Spruson & Ferguson

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(21) 2025200780

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(21) 2025200846 **(22)** 07.02.2025
(54) Safety rail system
(51) Int. Cl.
E04G 21/32 (2006.01)
E04G 5/14 (2006.01)
E04H 17/20 (2006.01)
(43) 27.02.2025
(62) 2022271511
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(74) Duncan Bucknell Company Pty Ltd

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(21) 2025200925 **(22)** 11.02.2025
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(51) Int. Cl.
G10L 19/00 (2013.01)
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(72) Carlsson, Pontus; Purnhagen, Heiko; Villemoes, Lars
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G01N 7/00 (2006.01)
A62B 7/14 (2006.01)
G01N 9/00 (2006.01)
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G01N 25/00 (2006.01)
G01N 27/00 (2006.01)
G01N 33/00 (2006.01)
(31) 102023121409.8 **(32)** 10.08.23 **(33)** DE
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G02B 6/26 (2006.01)
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(72) EGALON, Claudio Oliveira
(74) MOSAIC IP

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(21) 2025200844 **(22)** 07.02.2025
(54) Pladienolide compounds and their use
(51) Int. Cl.
C07D 313/00 (2006.01)
A61K 31/365 (2006.01)
A61K 31/4427 (2006.01)
A61K 31/497 (2006.01)
A61P 35/00 (2006.01)
C07D 407/12 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) Endocyte, Inc.
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(21) 2025200944 **(22)** 12.02.2025
(54) Methods of treating cancer
(51) Int. Cl.
A61K 51/02 (2006.01)
A61K 51/04 (2006.01)
A61K 51/06 (2006.01)
C07B 59/00 (2006.01)
C07F 5/00 (2006.01)
G01N 33/60 (2006.01)
(43) 27.02.2025
(62) 2019255692
(72) ARMOUR, Alison A.
(74) Spruson & Ferguson

(71) enosix, Inc.
(11) AU-A-2025200949
(21) 2025200949 **(22)** 12.02.2025
(54) MICROCOMPONENTS FOR DATA INTEGRATION AND METHODS THEREOF
(51) Int. Cl.
G06F 9/44 (2018.01)
G06Q 10/06 (2023.01)
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(21) 2025200902 **(22)** 10.02.2025
(54) Electronic gate machine structure
(51) Int. Cl.
E05F 15/40 (2015.01)
(43) 27.02.2025
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(72) SHAO, Wenying
(74) Spruson & Ferguson

(71) Evertron Holdings Pte Ltd.
(11) AU-A-2025200918
(21) 2025200918 **(22)** 11.02.2025
(54) Moisture control device, moisture control method, program, storage medium, generated substance, product, device and equipment
(51) Int. Cl.
B01J 19/12 (2006.01)
A23L 3/26 (2006.01)
A23L 3/30 (2006.01)
A23L 3/32 (2006.01)
A23L 5/30 (2016.01)
A47J 37/12 (2006.01)
B01J 19/08 (2006.01)
B01J 19/10 (2006.01)
(43) 27.02.2025
(62) 2018395563
(72) TANAKA, Hisao
(74) Davies Collison Cave Pty Ltd

(71) Exuma Biotech, Corp.
(11) AU-A-2025200848
(21) 2025200848 **(22)** 07.02.2025
(54) METHODS AND COMPOSITIONS FOR TRANSDUCING AND EXPANDING LYMPHOCYTES AND REGULATING THE ACTIVITY THEREOF
(51) Int. Cl.
C12N 15/10 (2006.01)
A61K 48/00 (2006.01)
C07K 14/705 (2006.01)
C07K 14/715 (2006.01)
C07K 14/725 (2006.01)
C12N 5/0783 (2010.01)
C12N 5/10 (2006.01)
C12N 15/86 (2006.01)
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(72) Frost, Gregory Ian; Onuffer Jr., James Joseph; Guibinga, Ghiabe H.; Haerizadeh, Farzad; Kundu, Anirban
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G06V 20/10 (2022.01)
A01B 79/00 (2006.01)
G06N 20/10 (2019.01)
G06V 20/13 (2022.01)

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(72) NGUYEN, Lan

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(71) FISHER & PAYKEL HEALTHCARE LIMITED

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(54) HEADGEAR FOR PATIENT INTERFACE

(51) Int. Cl.
A61M 16/06 (2006.01)
A62B 9/04 (2006.01)

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(72) MCLAREN, Mark Arvind; HAMMER, Jeroen

(74) AJ PARK

(71) Genentech, Inc.

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(54) Treatment of cancer with HER2XCD3 bispecific antibodies in combination with anti-HER2 MAB

(51) Int. Cl.
C07K 16/32 (2006.01)
A61P 35/00 (2006.01)
C07K 16/28 (2006.01)

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(62) 2020236015

(72) JUNTILLA, Teemu T.; LUTZKER, Stuart

(74) Griffith Hack

(71) Geron Corporation

(11) AU-A-2025200782
(21) 2025200782 (22) 05.02.2025

(54) Methods of identifying patients likely to benefit from treatment with a telomerase inhibitor

(51) Int. Cl.
A61K 48/00 (2006.01)
A61K 9/00 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/53 (2006.01)

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(74) FB Rice Pty Ltd

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(51) Int. Cl.
A61K 39/29 (2006.01)

A61P 31/20 (2006.01)

C12N 15/86 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) Gilead Sciences, Inc.

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(21) 2025200935 (22) 11.02.2025

(54) Capsid inhibitors for the treatment of HIV

(51) Int. Cl.
A61K 31/4427 (2006.01)
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 9/20 (2006.01)
A61K 9/48 (2006.01)
A61K 31/4439 (2006.01)
A61K 45/06 (2006.01)
A61P 31/18 (2006.01)

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(74) Davies Collison Cave Pty Ltd

(71) GLASS VICE HOLDINGS LIMITED

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(21) 2025200893 (22) 10.02.2025

(54) PANEL MOUNT

(51) Int. Cl.
E06B 1/20 (2006.01)
E06B 1/14 (2006.01)
E06B 5/00 (2006.01)
E06B 7/00 (2006.01)

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(62) 2024278177

(72) ALLEN, Warwick James

(74) AJ PARK

(71) Griddy Holdings LLC

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(21) 2025200930 (22) 11.02.2025

(54) METHODS AND SYSTEMS FOR AN AUTOMATED UTILITY MARKET-PLACE PLATFORM

(51) Int. Cl.
G06Q 50/06 (2024.01)
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G06Q 40/06 (2012.01)

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(74) Pizzeyes Patent and Trade Mark Attorneys Pty Ltd

(71) Hanshow Technology Co., Ltd.

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(54) Communication method of electronic shelf label system, system, computer device and storage medium
(51) Int. Cl.
H04W 56/00 (2009.01)
(31) 202311006499.2 (32) 10.08.23 (33) CN
(43) 27.02.2025
(72) LIANG, Min; JI, Yaping; CHEN, Geng-feng; ZHANG, Guofeng; WANG, Yujing; ZHANG, Ju; JIANG, Qi
(74) Griffith Hack

(71) Harrison, H.

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(54) Carrier
(51) Int. Cl.

B60R 9/00 (2006.01)
B60R 11/00 (2006.01)
B62D 43/00 (2006.01)
B62D 43/02 (2006.01)
B60R 9/02 (2006.01)
B60R 9/042 (2006.01)
B60R 9/06 (2006.01)
B60R 9/10 (2006.01)
(31) 2023902522 (32) 09.08.23 (33) AU
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(72) Harrison, Haydn Clark
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(71) Holland, T.

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(21) 2024205600 (22) 07.08.2024
(54) An Air Vent.
(51) Int. Cl.

E04D 13/17 (2006.01)
E04D 1/30 (2006.01)
E04D 3/40 (2006.01)
E04D 13/143 (2006.01)
E04D 13/152 (2006.01)
F24F 7/02 (2006.01)
(31) 2023902551 (32) 11.08.23 (33) AU
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(72) Holland, Timothy John
(74) Griffith Hack

(71) ICYBREEZE COOLING LLC

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(54) Systems and methods for a portable multi-function air conditioner
(51) Int. Cl.
F24F 5/00 (2006.01)
F24F 6/14 (2006.01)
F25D 3/08 (2006.01)
(31) 18/457,047 (32) 28.08.23 (33) US
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(72) BRINKMAN, John P.
(74) FB Rice Pty Ltd

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(54) Coupler and coupling method
(51) Int. Cl.
E04C 5/16 (2006.01)
F16B 7/18 (2006.01)
F16B 17/00 (2006.01)
(31) 2023902546 (32) 10.08.23 (33) AU
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(72) FERRIER, Ian Ross; KNUDTZEN, Anders
(74) Davies Collison Cave Pty Ltd

(71) InCube Labs, LLC
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(21) 2025200809 (22) 06.02.2025
(54) Devices and methods for administering a therapeutic preparation
(51) Int. Cl.
A61M 5/00 (2006.01)
A61K 9/00 (2006.01)
A61M 31/00 (2006.01)
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(72) IMRAN, Mir A.; CHANG, Arthur Hsu Chen
(74) Spruson & Ferguson

(71) Intra-Cellular Therapies, Inc.
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(21) 2025200857 (22) 07.02.2025
(54) ORGANIC COMPOUNDS
(51) Int. Cl.
A61K 31/4985 (2006.01)
(43) 27.02.2025
(62) 2019236860
(72) Li, Peng; Davis, Robert
(74) PHILLIPS ORMONDE FITZPATRICK

(71) JANOME Corporation
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(54) SEWING DATA CREATION DEVICE, PROGRAM, AND SEWING MACHINE
(51) Int. Cl.
D05B 19/10 (2006.01)
D05B 19/08 (2006.01)
D05B 19/12 (2006.01)
G06F 3/04845 (2022.01)
(31) 2023-131278 (32) 10.08.23 (33) JP
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(72) Kongo, Takeshi
(74) PHILLIPS ORMONDE FITZPATRICK

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C22C 49/06 (2006.01)
B21C 1/00 (2006.01)
C21D 8/06 (2006.01)

C22B 9/02 (2006.01)
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C22C 21/00 (2006.01)
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(74) Sandercock & Cowie

(71) Jinko Solar Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
(11) AU-A-2023258331
(21) 2023258331 (22) 30.10.2023
(54) METHOD FOR WELDING CELL STRINGS AND SERIES WELDING MACHINE
(51) Int. Cl.
H10F 19/90 (2025.01)
H10F 71/00 (2025.01)
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(72) Hao Jin; Dongdong Sun; Niannian Qin; Jingguo Yang; Luchuang Wang; Wusong Tao
(74) Madderns Pty Ltd

(71) Johnson & Johnson Consumer Inc.
(11) AU-A-2025200823
(21) 2025200823 (22) 06.02.2025
(54) Preserved compositions containing hyaluronic acid or a pharmaceutically-acceptable salt thereof and related methods
(51) Int. Cl.
A61K 47/18 (2017.01)
A61K 9/08 (2006.01)
A61K 47/36 (2006.01)
(43) 27.02.2025
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(72) DOSHI, Uday; HOLEVA, Kenneth T.
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(21) 2023214394 (22) 13.08.2023
(54) Bluetooth Earring
(51) Int. Cl.
H04R 1/08 (2006.01)
A44C 7/00 (2006.01)
H04R 1/46 (2006.01)
H04W 4/80 (2018.01)
(43) 27.02.2025
(72) Johnston, Brett
(74) Brett Johnston

(71) Journey Medical Corporation
(11) AU-A-2025200826
(21) 2025200826 (22) 06.02.2025
(54) Minocycline for treating inflammatory skin conditions
(51) Int. Cl.
A61K 31/65 (2006.01)
A61P 17/00 (2006.01)
A61P 17/02 (2006.01)
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A61P 17/06 (2006.01)

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(74) Griffith Hack

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(54) CHROMATOGRAPHIC ISOLATION OF CELLS AND OTHER COMPLEX BIOLOGICAL MATERIALS
(51) Int. Cl.
G01N 33/569 (2006.01)
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G01N 33/68 (2006.01)
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(72) STADLER, Herbert
(74) AJ PARK

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(11) AU-A-2024204296
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(54) Obstacle detection device and obstacle detection method
(51) Int. Cl.
G06T 7/70 (2017.01)
G06N 20/00 (2019.01)
(31) 2023-131433 (32) 10.08.23 (33) JP
(43) 27.02.2025
(72) OKAYAMA, Ken
(74) Griffith Hack

(71) LIFETIME PRODUCTS, INC.
(11) AU-A-2025200951
(21) 2025200951 (22) 12.02.2025
(54) Locking mechanism for a folding table
(51) Int. Cl.
A47B 3/083 (2006.01)
A47B 3/087 (2006.01)
(43) 27.02.2025
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(72) OLSEN, Brian
(74) Griffith Hack

(71) Lyons, M.
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(54) DEVICES AND METHODS FOR MOUNTING SOLAR PANELS
(51) Int. Cl.
H02S 30/10 (2014.01)
H02S 20/20 (2014.01)
(31) 2023902503 (32) 08.08.23 (33) AU
(43) 27.02.2025
(72) Mark Jack LYONS; Geoffrey Hyman Louis LYONS
(74) Halfords IP

(71) Maruho Co., Ltd.
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(54) Method and apparatus for passing suture
(51) Int. Cl.
A61B 17/04 (2006.01)
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(62) 2019245462
(72) FANTON, Gary S.; KRUMME, John F.; HENEVELD, Scott H.; NEWELL, Matthew B.; CLAUSON, Luke W.
(74) Griffith Hack

(71) Maspro Engineering Trading Pty Ltd
(11) AU-A-2024204945
(21) 2024204945 (22) 18.07.2024
(54) Drilling rig and components
(51) Int. Cl.
E21B 7/02 (2006.01)
E21B 15/00 (2006.01)
E21D 20/00 (2006.01)
(31) 2023902497 (32) 07.08.23 (33) AU
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(72) Kennard, Greg; Waterman, Tony
(74) Ascot Martin Registered Patent & Trade Mark Attorneys

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(51) Int. Cl.
F16B 45/00 (2006.01)
B25C 1/04 (2006.01)
(31) 2023-131342 (32) 10.08.23 (33) JP
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(72) WATANABE, Eiichi
(74) AJ PARK

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(21) 2025200834 (22) 07.02.2025
(54) Improved use of botulinum neurotoxin in the treatment of sialorrhea
(51) Int. Cl.
A61K 38/48 (2006.01)
A61K 9/00 (2006.01)
A61P 1/00 (2006.01)
A61P 43/00 (2006.01)
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(71) Mesoblast International Sarl
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(21) 2025200937 (22) 11.02.2025
(54) Prevention of progressive heart failure
(51) Int. Cl.
C12N 5/0775 (2010.01)

A61K 35/28 (2015.01)
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(74) FB Rice Pty Ltd

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(21) 2025200865 (22) 07.02.2025
(54) Stability of vitamin D in beta-hydroxy-beta-methylbutyrate (HMB)
(51) Int. Cl.
A23L 33/155 (2016.01)
A23L 33/00 (2016.01)
A61K 31/19 (2006.01)
A61K 31/59 (2006.01)
C07C 65/00 (2006.01)
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(62) 2019453386
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(21) 2023214265 (22) 09.08.2023
(54) TCTrust
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G06Q 10/0639 (2023.01)
G06Q 50/10 (2012.01)
G06F 16/95 (2019.01)
(43) 27.02.2025
(72) Mirza Agha Tabar, Mohammad Ali
(74) Mohammad Ali Mirza Agha Tabar

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(54) Method for an alkali-based reaction
(51) Int. Cl.
B01J 8/08 (2006.01)
B01J 8/00 (2006.01)
B01J 8/10 (2006.01)
C01B 32/184 (2017.01)
C01B 32/324 (2017.01)
C01G 31/02 (2006.01)
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(72) Akindeju, Michael Kehinde
(74) LAMINAR IP PTY LTD

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(21) 2023433478

Novartis AG see The Trustees of the University of Pennsylvania
(21) 2025200842

(71) Ocado Innovation Limited
(11) AU-A-2025200852
(21) 2025200852 (22) 07.02.2025
(54) A GRID FRAMEWORK STRUCTURE
(51) Int. Cl.

B65G 1/04 (2006.01)
B66C 7/00 (2006.01)
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(72) COGLEY, Will; NOAR, Benjamin Arthur Portnoy; MILLWARD, Stephen; RABBY, Shafayet; GILSON, Nathan; INGRAM-TEDD, Andrew
(74) James & Wells Intellectual Property

(71) Orthopediatrics Corp.
(11) AU-A-2025200946
(21) 2025200946 (22) 12.02.2025
(54) Bottom loaded pedicle screw
(51) Int. Cl.
A61B 17/70 (2006.01)
(43) 27.02.2025
(62) 2022204411
(72) DANIELS, David W.
(74) Griffith Hack

(71) PAIRTREE INTELLIGENCE PTY LTD
(11) AU-A-2024205612
(21) 2024205612 (22) 08.08.2024
(54) DATA PIPELINE TO EXECUTE CONVERGENCE BASED AGRICULTURAL ACTIONS
(51) Int. Cl.
G06Q 50/02 (2012.01)
G06F 11/30 (2006.01)
G06N 20/00 (2019.01)
(31) 63/518,418 (32) 09.08.23 (33) US
(43) 27.02.2025
(72) YOUNG, Michael Bernard; MUNRO, Hamish John Scott; BENTER, Felix Benjamin; ROBERGE, Craig Raymond
(74) RnB IP Pty Ltd

(71) Palmaya Pty Ltd
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(54) Fluid Coupling
(51) Int. Cl.
A61M 39/10 (2006.01)
A61M 39/12 (2006.01)
(43) 27.02.2025
(62) 2019277213
(72) O'NEIL, Alexander George Brian
(74) WRAYS PTY LTD

(71) Paragon 28, Inc.
(11) AU-A-2025200856
(21) 2025200856 (22) 07.02.2025
(54) TIBIAL OSTEOTOMY SYSTEM, INSTRUMENTS, AND RELATED METHODS
(51) Int. Cl.
A61B 17/15 (2006.01)
(43) 27.02.2025
(62) 2021257263
(72) Dacosta, Albert; Brinker, Laura Zagrocki; Hunt, Richard David; Bernhardt, Dirk C.; Fajardo Cortes, Kareen A.; McLean, Joshua A.; Okonya, Andrew A.; Requist, Melissa R.
(74) PHILLIPS ORMONDE FITZPATRICK

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 (21) 2025200917 (22) 11.02.2025
 (54) Machine learning computer system architecture
 (51) Int. Cl.
G06N 20/00 (2019.01)
G06N 3/08 (2023.01)
 (43) 27.02.2025
 (62) 2022323412
 (72) CHHIBBER, Abhishek; DESAI, Darshankumar Bhadrasinh; TODASCO, Michael Charles; NAWARE, Vidyut Mukund; SHARMA, Nitin S.
 (74) FPA Patent Attorneys Pty Ltd

(71) PercAssist, Inc.
 (11) AU-A-2025200907
 (21) 2025200907 (22) 10.02.2025
 (54) APPARATUS, SYSTEMS, AND METHODS FOR PERCUTANEOUS PNEUMATIC CARDIAC ASSISTANCE
 (51) Int. Cl.
A61B 17/00 (2006.01)
 (43) 27.02.2025
 (62) 2020228377
 (72) CHIN, Albert K.; NORIEGA, Gerardo; TUNG, David; MCCULLOUGH, Kevin P.; HSU, William
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) Pesense Pty Ltd
 (11) AU-A-2025200906
 (21) 2025200906 (22) 10.02.2025
 (54) A mounting and positioning device for an electronic sensor in a termite monitor
 (51) Int. Cl.
A01M 1/02 (2006.01)
A01M 25/00 (2006.01)
G01V 8/20 (2006.01)
G08B 21/00 (2006.01)
 (43) 27.02.2025
 (62) 2018282436
 (72) Staunton, Ion Leslie; Simpson, Peter Kenyon; Flint, Anthony Robert
 (74) Intellepro Patent & Trade Mark Attorneys

(71) Planet Protector Packaging Pty Ltd
 (11) AU-A-2024205570
 (21) 2024205570 (22) 07.08.2024
 (54) Insulating packaging bag.
 (51) Int. Cl.
B65D 81/38 (2006.01)
B65D 75/00 (2006.01)
B65B 43/10 (2006.01)
B65D 5/36 (2006.01)
 (31) 2023902536 (32) 10.08.23 (33) AU
 (43) 27.02.2025
 (72) LJUNG, Lars; RANA, Ragbendra
 (74) GLMR

(71) Potrero Medical, Inc.
 (11) AU-A-2025200845
 (21) 2025200845 (22) 07.02.2025
 (54) Sensing Foley catheter
 (51) Int. Cl.
A61B 5/0215 (2006.01)
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 (62) 2023200993
 (72) Burnett, Daniel Rogers; Hamilton, Marcie; Keenan, Rich; Sutaria, Saheel; Yee, Alex; Skieller, Christina; Luxon, Evan S.
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(71) PTC Therapeutics MP, Inc.
 (11) AU-A-2025200814
 (21) 2025200814 (22) 06.02.2025
 (54) Methods for increasing sepiapterin plasma exposure
 (51) Int. Cl.
A61K 31/519 (2006.01)
A61K 9/20 (2006.01)
 (43) 27.02.2025
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 (72) SMITH, Neil; REIS, Jonathan
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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 (11) AU-A-2025200892
 (21) 2025200892 (22) 10.02.2025
 (54) Macro compressed sensing data acquisition
 (51) Int. Cl.
G01V 1/38 (2006.01)
G01V 1/00 (2024.01)
 (43) 27.02.2025
 (62) 2020209347
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 (74) James & Wells Intellectual Property

(71) Regeneron Pharmaceuticals, Inc.
 (11) AU-A-2025200858
 (21) 2025200858 (22) 07.02.2025
 (54) NON-HUMAN ANIMALS COMPRISING A HUMANIZED TrkB LOCUS
 (51) Int. Cl.
A01K 67/027 (2024.01)
C12N 5/10 (2006.01)
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 (74) PHILLIPS ORMONDE FITZPATRICK

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 (11) AU-A-2025200939
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 (54) CAS-TRANSGENIC MOUSE EMBRYONIC STEM CELLS AND MICE AND USES THEREOF

(51) Int. Cl.
A01K 67/027 (2024.01)
C12N 15/90 (2006.01)
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 (62) 2018309716
 (72) Gong, Guochun; Hunt, Charleen; Kajimura, Daisuke; Hartford, Suzanne; Zambrowicz, Brian
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Renovion, Inc.
 (11) AU-A-2025200818
 (21) 2025200818 (22) 06.02.2025
 (54) Stable ascorbic acid compositions and methods of using the same
 (51) Int. Cl.
A61K 38/06 (2006.01)
 (43) 27.02.2025
 (62) 2018367674
 (72) COPELAND, Dan; DURHAM, Carolyn
 (74) Spruson & Ferguson

(71) Rovi Guides, Inc.
 (11) AU-A-2025200914
 (21) 2025200914 (22) 11.02.2025
 (54) Systems and methods for controlling access to media assets using two-factor authentication
 (51) Int. Cl.
G06F 21/62 (2013.01)
H04N 21/475 (2011.01)
H04N 21/441 (2011.01)
 (43) 27.02.2025
 (62) 2023204277
 (72) SREEKANTH, Harshith; DHARWA, Ashwini; KUMAR, Sourabh; AGARWAL, Sukanya
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(71) RR Medsciences Pty Ltd
 (11) AU-A-2025200440
 (21) 2025200440 (22) 22.01.2025
 (54) COMPOSITIONS AND THEIR USE IN THE TREATMENT OF ENDOMETRIOSIS AND PAIN
 (51) Int. Cl.
A61K 33/34 (2006.01)
A61K 9/02 (2006.01)
A61K 9/08 (2006.01)
A61K 9/107 (2006.01)
A61K 31/728 (2006.01)
A61K 47/18 (2017.01)
A61P 15/00 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
 (43) 27.02.2025
 (62) 2019217664
 (72) CASBOLT, Llewellyn Stephen Frank
 (74) James & Wells Intellectual Property

(71) S.C. Johnson & Son, Inc.
 (11) AU-A-2025200869
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 (54) Bait stations
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A01M 1/20 (2006.01)

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(72) FURNER, Paul E.; PERKOLUP, Greg;
MATTER, Jerome; DIEHL, Paul; FAR-
RIS, Adriana
(74) Spruson & Ferguson

(71) Sanexen Services Environnementaux
Inc.
(11) AU-A-2025200866
(21) 2025200866 (22) 07.02.2025
(54) SYSTEMS AND METHODS FOR RE-
HABILITATION OF WATER CONDUITS
AND OTHER CONDUITS
(51) Int. Cl.
F16L 55/163 (2006.01)
E03F 9/00 (2006.01)
F03B 7/00 (2006.01)
F16L 55/26 (2006.01)
F16L 57/00 (2006.01)
F16L 58/10 (2006.01)
(43) 27.02.2025
(62) 2018445726
(72) JADANI, Yassir; GAGNON, Gilles;
BUREAU, Martin
(74) Adams Pluck

(71) SensoAir
(11) AU-A-2023214373
(21) 2023214373 (22) 11.08.2023
(54) A METHOD FOR REMOTE, AUTO-
MATED CONTROL OF HVAC UNITS,
USING A CENTRALISED AIR QUAL-
ITY MANAGEMENT SYSTEM
(51) Int. Cl.
G05D 23/19 (2006.01)
F24F 11/30 (2018.01)
G05B 15/02 (2006.01)
(43) 27.02.2025
(72) Pinar, Paul
(74) Kiddi

(71) Sera Prognostics, Inc.
(11) AU-A-2025200905
(21) 2025200905 (22) 10.02.2025
(54) Biomarker pairs for predicting preterm
birth
(51) Int. Cl.
G01N 33/48 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/50 (2006.01)
G01N 33/53 (2006.01)
G01N 33/68 (2006.01)
G07F 17/32 (2006.01)
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(62) 2022241477
(72) John Jay, BONIFACE; Tracey, FLEIS-
CHER; Andrew, GASSMAN; Jeff,
FLICK; Chad, BRADFORD; Ashoka,
POLPITIYA; Durlin Edward, HICKOK;
Paul, KEARNEY; Gregory Charles,
CRITCHFIELD
(74) FB Rice Pty Ltd

(71) SG Gaming ANZ Pty Ltd
(11) AU-A-2025200895
(21) 2025200895 (22) 10.02.2025

(54) Gaming user interface with multi-table
view
(51) Int. Cl.
A63F 13/00 (2014.01)
G06F 3/01 (2006.01)
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(72) ATKINSON, Lyal; WADDS, Nathan
(74) Spruson & Ferguson

**SHANGHAI ZHONGTIAN ALUMINUM-
WIRE CO., LTD. see JIANGSU ZHONGTIAN
TECHNOLOGY CO., LTD.**
(21) 2024267004

(71) Shine-On Biomedical Co., Ltd.; China
Medical University; China Medical Uni-
versity Hospital
(11) AU-A-2025200828
(21) 2025200828 (22) 06.02.2025
(54) PRODUCTION OF EXOSOMES AND
USES THEREOF
(51) Int. Cl.
A61K 35/22 (2015.01)
A61K 9/14 (2006.01)
A61K 31/704 (2006.01)
A61K 31/7105 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/28 (2006.01)
C12N 5/00 (2006.01)
(43) 27.02.2025
(62) 2023201146
(72) Chen, Yi-Wen; Cho, Der-Yang; Fang,
Hsin-Yuan; Shie, Ming-You; Pan, Chih-
Ming; Kan, Kai-Wen; Chen, Cheng-Yu;
YU, MIN-HUA; Chiu, Shao-Chih
(74) ALDRICH PROJECTS PTY LTD

(71) Shoulder Innovations, Inc.
(11) AU-A-2025200941
(21) 2025200941 (22) 12.02.2025
(54) CONVERTIBLE TOTAL SHOULDER
PROSTHESIS
(51) Int. Cl.
A61F 2/40 (2006.01)
A61F 2/30 (2006.01)
A61F 2/46 (2006.01)
(43) 27.02.2025
(62) 2019234645
(72) Ball, Robert J.; Running, Donald E.
(74) PHILLIPS ORMONDE FITZPATRICK

(71) Silgan Containers LLC
(11) AU-A-2024204561
(21) 2024204561 (22) 01.07.2024
(54) METAL SHOT CUP
(51) Int. Cl.
A47G 19/22 (2006.01)
A47G 19/23 (2006.01)
B65D 1/10 (2006.01)
B65D 1/14 (2006.01)
B65D 21/04 (2006.01)
(31) 18/366,995 (32) 08.08.23 (33) US

(43) 27.02.2025
(72) Millspaw, Micah Roger; Stowers, Mark
David
(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd

**SILTRAX PTY LTD see ZHEJIANG
HAIZHUO NEW ENERGY TECHNOLOGY
CO., LTD.**
(21) 2023433484

(71) Strong Force TX Portfolio 2018, LLC
(11) AU-A-2025200776
(21) 2025200776 (22) 31.01.2025
(54) DECENTRALIZED SAFEGUARD
AGAINST FRAUD
(51) Int. Cl.
H04L 9/32 (2006.01)
G06Q 20/22 (2012.01)
G06Q 20/40 (2012.01)
(43) 27.02.2025
(62) 2019282043
(72) KUCHAR, David Charles; GARLAND,
Malcolm; BRAVICK, Eric; DAHME, Har-
rison; GROSSBLATT, David Marc
(74) ET Intellectual Property

(71) Stryker European Operations Limited
(11) AU-A-2024204795
(21) 2024204795 (22) 11.07.2024
(54) Transformation selection technique
based on tracker movement
(51) Int. Cl.
A61B 34/20 (2016.01)
G06T 7/00 (2017.01)
G06T 7/20 (2017.01)
G06T 7/70 (2017.01)
(31) 18/231,312 (32) 08.08.23 (33) US
(43) 27.02.2025
(72) HORNECKER, Patrick; KHORWAL,
Renu; FISCHER, Lars; GRANCHI,
Carinne
(74) Allens Patent & Trade Mark Attorneys

(71) Studco Australia Pty Ltd
(11) AU-A-2024205597
(21) 2024205597 (22) 07.08.2024
(54) APPARATUS FOR INSTALLATION
BETWEEN AN INTERNAL WALL TO A
BUILDING FACADE AND A METHOD
THEREFOR.
(51) Int. Cl.
E04B 1/68 (2006.01)
A62C 2/06 (2006.01)
E04B 1/38 (2006.01)
E04B 2/00 (2006.01)
E04F 13/073 (2006.01)
E04F 21/165 (2006.01)
E04B 1/74 (2006.01)
(31) 2023902502 (32) 08.08.23 (33) AU
(43) 27.02.2025
(72) McKECHNIE, Simon Mark; STEVENS,
Benjamin Gordon
(74) Patent Attorney Services

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(11) AU-A-2023433478

(21) 2023433478 (22) 27.12.2023

(54) POWER SUPPLY SYSTEM AND ELECTRIC VEHICLE

(51) Int. Cl.

A01D 34/82 (2006.01)

A01D 34/78 (2006.01)

(31) 202311012952.0 (32) 13.08.23 (33) CN

(43) 27.02.2025

(72) LIU, Kai; XIANG, Yingdian; YUAN, Guohui; WANG, Qiang; PEI, Yong

(74) Remarkable IP

SUZHOU HAIZHUO NEW ENERGY TECHNOLOGY CO., LTD see ZHEJIANG HAIZHUO NEW ENERGY TECHNOLOGY CO., LTD.

(21) 2023433484

(71) Syngenta Crop Protection AG

(11) AU-A-2025200836

(21) 2025200836 (22) 07.02.2025

(54) Stabilized chemical composition

(51) Int. Cl.

A01N 25/04 (2006.01)

A01N 25/10 (2006.01)

A01N 25/28 (2006.01)

A01P 7/04 (2006.01)

A61K 47/34 (2017.01)

(43) 27.02.2025

(62) 2019265890

(72) FOWLER, Jeffery David; KIM, Sejong; LEBEDEVA, Natalia; NARSALA, Jelena

(74) Davies Collision Cave Pty Ltd

(71) SYSTEMS IP PTY LTD

(11) AU-A-2025200871

(21) 2025200871 (22) 07.02.2025

(54) A playground apparatus with overpass

(51) Int. Cl.

A63B 17/00 (2006.01)

A63B 9/00 (2006.01)

A63G 31/00 (2006.01)

E04H 15/58 (2006.01)

E04H 15/60 (2006.01)

(43) 27.02.2025

(62) 2024264734

(72) ANDON, Joe; Yamada, Akira; Williams, Michael

(74) FOUNDRY INTELLECTUAL PROPERTY PTY LTD

(71) Technische Universität München

(11) AU-A-2025200837

(21) 2025200837 (22) 07.02.2025

(54) PSMA ligands for imaging and endoradiotherapy

(51) Int. Cl.

A61K 51/04 (2006.01)

(43) 27.02.2025

(62) 2018382479

(72) WESTER, Hans-Jürgen; SCHMIDT, Alexander; PARZINGER, Mara

(74) Davies Collision Cave Pty Ltd

(71) Tencent America LLC

(11) AU-A-2025200811

(21) 2025200811 (22) 06.02.2025

(54) MERGE LIST CONSTRUCTION IN TRIANGULAR PREDICTION

(51) Int. Cl.

H04N 19/105 (2014.01)

H04N 19/176 (2014.01)

H04N 19/70 (2014.01)

(43) 27.02.2025

(62) 2023202301

(72) Li, Xiang; Li, Guichun; Xu, Xiaozhong; Liu, Shan

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Tencent America LLC

(11) AU-A-2025200843

(21) 2025200843 (22) 07.02.2025

(54) Method and apparatus for video coding

(51) Int. Cl.

H04N 19/105 (2014.01)

H04N 7/12 (2006.01)

H04N 9/47 (2006.01)

H04N 19/11 (2014.01)

H04N 19/70 (2014.01)

(43) 27.02.2025

(62) 2023203803

(72) ZHAO, Liang; ZHAO, Xin; Li, Xiang; LIU, Shan

(74) Davies Collision Cave Pty Ltd

(71) Tencent America LLC

(11) AU-A-2025200940

(21) 2025200940 (22) 12.02.2025

(54) METHOD AND APPARATUS FOR VIDEO CODING

(51) Int. Cl.

H04N 19/543 (2014.01)

(43) 27.02.2025

(62) 2023201737

(72) Li, Guichun; Li, Xiang; Xu, Xiaozhong; Liu, Shan

(74) PHILLIPS ORMONDE FITZPATRICK

(71) Tesaro, Inc.

(11) AU-A-2025200639

(21) 2025200639 (22) 30.01.2025

(54) Methods of treating cancer with anti-PD-1 antibodies

(51) Int. Cl.

C07K 16/28 (2006.01)

A61P 35/00 (2006.01)

(43) 27.02.2025

(62) 2018206481

(72) Jenkins, David; Laken, Haley; Im, Ellie; Diaz, Allene; Lu, Sharon

(74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) Tesla, Inc.

(11) AU-A-2025200948

(21) 2025200948 (22) 12.02.2025

(54) Predicting three-dimensional features for autonomous driving

(51) Int. Cl.

G06V 10/764 (2022.01)

(43) 27.02.2025

(62) 2020216128

(72) ELLUSWAMY, Ashok Kumar; BAUCH, Matthew; PAYNE, Christopher; KARPATY, Andrej; SHROFF, Dhaval; RAMANANDAN, Arvind; HAKEWILL, James Robert Howard

(74) Spruson & Ferguson

(71) The Board of Trustees of the Leland Stanford Junior University

(11) AU-A-2025200928

(21) 2025200928 (22) 11.02.2025

(54) A non-genotoxic conditioning regimen for stem cell transplantation

(51) Int. Cl.

C07K 16/28 (2006.01)

A61K 35/12 (2015.01)

A61K 35/28 (2015.01)

A61K 38/17 (2006.01)

C07K 14/435 (2006.01)

C07K 14/705 (2006.01)

(43) 27.02.2025

(62) 2018213397

(72) WEISSMAN, Irving L.; SHIZURU, Judith A.; CHHABRA, Akanksha; GEORGE, Benson M.

(74) FB Rice Pty Ltd

(71) The Board of Trustees of the University of Illinois; The Regents of the University of California

(11) AU-A-2025200868

(21) 2025200868 (22) 07.02.2025

(54) ESTROGEN RECEPTOR BETA LIGANDS FOR THE PREVENTION AND TREATMENT OF MULTIPLE SCLEROSIS (MS) AND OTHER DEMYELINATING, INFLAMMATORY AND NEURODEGENERATIVE DISEASES

(51) Int. Cl.

A61K 31/416 (2006.01)

A61P 37/02 (2006.01)

C07D 231/56 (2006.01)

(43) 27.02.2025

(62) 2019274580

(72) KATZENELLENBOGEN, John A.; TIWARI-WOODRUFF, Seema K.; KIM, Sung Hoon; KATZENELLENBOGEN, Benita

(74) Griffith Hack

The Broad Institute, Inc. see The General Hospital Corporation

(21) 2025200780

(71) The Broad Institute, Inc.; Massachusetts Institute of Technology

(11) AU-A-2025200821

(21) 2025200821 (22) 06.02.2025

(54) Novel type VI CRISPR orthologs and systems

(51) Int. Cl.

C12N 9/22 (2006.01)

C12N 15/10 (2006.01)

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(72) Zhang, Feng; Cox, David Benjamin Turitz
(74) FPA Patent Attorneys Pty Ltd

(71) The General Hospital Corporation; The Broad Institute, Inc.; Dana-Farber Cancer Institute, Inc.
(11) AU-A-2025200780
(21) 2025200780 **(22)** 05.02.2025
(54) COMPOSITIONS AND METHODS FOR PERSONALIZED NEOPLASIA VACCINES
(51) Int. Cl.
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
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(72) Hacohen, Nir; Wu, Catherine J.; Fritsch, Edward F.
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(21) 2024205236 **(22)** 31.07.2024
(54) HYBRID COOLER ARRANGEMENT
(51) Int. Cl.
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B60H 1/00 (2006.01)
B60N 3/10 (2006.01)
F25B 21/00 (2006.01)
(31) 63/531,892 **(32)** 10.08.23 **(33)** US
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(72) Van Beek, Jacco; Jansen, Lennart
(74) HENRY HUGHES IP LTD

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(21) 2025200926 **(22)** 11.02.2025
(54) REFRIGERATOR
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F25D 23/06 (2006.01)
A47B 87/00 (2006.01)
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(54) Compositions and methods for T cell delivery of therapeutic molecules
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 39/395 (2006.01)
C12N 5/00 (2006.01)
C12N 15/00 (2006.01)
C12P 19/34 (2006.01)
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(11) AU-A-2025200842
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(54) Treatment of cancer using anti-CD19 chimeric antigen receptor
(51) Int. Cl.
C12N 5/0783 (2010.01)
A61K 31/00 (2006.01)
A61K 35/17 (2015.01)
A61P 35/02 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) The University of North Carolina at Chapel Hill
(11) AU-A-2025200932
(21) 2025200932 **(22)** 11.02.2025
(54) Methods and compositions for circular RNA molecules
(51) Int. Cl.
C12N 15/11 (2006.01)
C12N 15/113 (2010.01)
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(11) AU-A-2025200622
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(54) Apparatuses and methods with filter pouch
(51) Int. Cl.
A61F 2/01 (2006.01)
A61B 17/221 (2006.01)

A61F 2/06 (2013.01)
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(62) 2020351213
(72) ZANDI, Abdolrahim; GOSLAU J., Eric
(74) Griffith Hack

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(21) 2025200820 **(22)** 06.02.2025
(54) Solar cell and manufacturing method thereof, photovoltaic module, and photovoltaic system
(51) Int. Cl.
H10F 77/30 (2025.01)
H10F 10/00 (2025.01)
H10F 71/00 (2025.01)
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(62) 2024203444
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(74) FB Rice Pty Ltd

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(54) Solar cell and manufacturing method thereof, photovoltaic module, and photovoltaic system
(51) Int. Cl.
H10F 77/70 (2025.01)
H10F 10/00 (2025.01)
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(11) AU-A-2024204897
(21) 2024204897 **(22)** 17.07.2024
(54) Packaging machine
(51) Int. Cl.
B65B 65/02 (2006.01)
B65B 9/13 (2006.01)
(31) EP23382803.7 **(32)** 01.08.23 **(33)** EP
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(72) OTXOA-AIZPURUA CALVO, Alberto
(74) Griffith Hack

(71) Ulthera, Inc.
(11) AU-A-2025200764
(21) 2025200764 **(22)** 05.02.2025
(54) Systems and methods for simultaneous multi-focus ultrasound therapy in multiple dimensions
(51) Int. Cl.
A61B 8/00 (2006.01)
A61N 7/00 (2006.01)
(43) 27.02.2025
(62) 2019211242
(72) EMERY, Charles D.
(74) AJ PARK

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(71) UNILEVER GLOBAL IP LIMITED

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(21) 2025200817 (22) 06.02.2025

(54) Detergent compositions

(51) Int. Cl.

C11D 3/33 (2006.01)**C11D 3/00** (2006.01)**C11D 3/20** (2006.01)**C11D 11/00** (2006.01)

(43) 27.02.2025

(62) 2021394636

(72) THOMPSON, Katherine Mary

(74) Davies Collison Cave Pty Ltd

(71) W.S.C. Sports Technologies Ltd.

(11) AU-A-2025200867

(21) 2025200867 (22) 07.02.2025

(54) System and method for creating and distributing multimedia content

(51) Int. Cl.

H04N 21/234 (2011.01)**H04N 21/235** (2011.01)

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(62) 2023202043

(72) Shichman, Daniel; Yoffe, Shmulik; Gal, Haim; Arnon, Aviv

(74) Griffith Hack

(71) Welltec A/S

(11) AU-A-2025200943

(21) 2025200943 (22) 12.02.2025

(54) Downhole tubing intervention tool

(51) Int. Cl.

E21B 29/00 (2006.01)

(43) 27.02.2025

(62) 2021263099

(72) HALLUNDBÆK, Jørgen

(74) GLMR

(71) Whirlpool Corporation

(11) AU-A-2024205567

(21) 2024205567 (22) 06.08.2024

(54) Food Processing Appliance Having An Electrical Hub Connection

(51) Int. Cl.

A47J 43/044 (2006.01)**A47J 43/00** (2006.01)**A47J 43/07** (2006.01)

(31) 18/232,521 (32) 10.08.23 (33) US

(43) 27.02.2025

(72) HILL, Eric Andrew; HUGHES, Richard John; MOCK, Brandon T; RUTTER, Ryan James

(74) WRAYS PTY LTD

(71) Wisk Aero LLC

(11) AU-A-2025200929

(21) 2025200929 (22) 11.02.2025

(54) Capacitance reduction in battery systems

(51) Int. Cl.

H01M 6/50 (2006.01)

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(62) 2018436515

(72) MELACK, John; MUNIZ, Thomas P.; MURTHY, Nihal; LAU, Sampson

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(71) Xencor, Inc.

(11) AU-A-2025200835

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(54) Fc variants with altered binding to FcRn

(51) Int. Cl.

C07K 16/08 (2006.01)**A61K 39/395** (2006.01)**C07K 16/22** (2006.01)**C07K 16/28** (2006.01)**C07K 16/32** (2006.01)

(43) 27.02.2025

(62) 2021236525

(72) CHAMBERLAIN, Aaron; DAHIYAT, Bassil; KARKI, Sher Bahadur; DES-JARLAIS, John Rudolph; LAZAR, Gregory Alan

(74) MINTER ELLISON

(71) ZHEJIANG HAIZHUO NEW ENERGY TECHNOLOGY CO., LTD.; SILTRAX PTY LTD; SUZHOU HAIZHUO NEW ENERGY TECHNOLOGY CO., LTD

(11) AU-A-2023433484

(21) 2023433484 (22) 10.10.2023

(54) ELECTRODE PLATE OF ELECTROLYSIS APPARATUS AND ELECTROLYSIS APPARATUS TO WHICH ELECTRODE PLATE IS APPLIED

(51) Int. Cl.

C25B 11/02 (2021.01)**C25B 1/02** (2006.01)**C25B 9/60** (2021.01)**C25B 11/04** (2021.01)

(31) 202311012895.6 (32) 12.08.23 (33) CN

(43) 27.02.2025

(72) SHI, Zhengrong; ZHU, Jingbing; WANG, Peiyuan

(74) Collison & Co

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(21) 2023258331

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 (21) 2025100000 (22) 24.01.2025
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(72)	TERRY, Patrick									
(74)	PHILLIPS ORMONDE FITZPATRICK									
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A61K 31/496 (2006.01)
A61K 31/138 (2006.01)
A61K 31/216 (2006.01)
A61K 31/4725 (2006.01)
A61K 31/5375 (2006.01)
A61P 11/00 (2006.01)
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G01C 11/02 (2006.01)
G01B 11/25 (2006.01)
G01B 11/30 (2006.01)
G06T 1/00 (2006.01)
G06T 17/20 (2006.01)
H04N 13/00 (2018.01)
H04N 13/167 (2018.01)
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A61K 31/713 (2006.01)
A61P 3/06 (2006.01)
A61P 9/10 (2006.01)
A61K 31/712 (2006.01)
A61K 31/7125 (2006.01)
C12N 15/11 (2006.01)
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(51) Int. Cl.
A61K 35/17 (2015.01)
A61K 38/20 (2006.01)
C07K 14/54 (2006.01)
C07K 14/705 (2006.01)
C12N 15/63 (2006.01)
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C12N 5/0783 (2010.01)
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A61K 31/506 (2006.01)
A61K 31/4985 (2006.01)
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 A01K 67/00 (2006.01)
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 A61K 35/28 (2015.01)
 A61P 37/08 (2006.01)
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 (74) Adams Pluck

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 A61B 5/311 (2021.01)

 A61N 1/36 (2006.01)
 A61B 5/25 (2021.01)
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 B60H 1/24 (2006.01)
 B60H 3/06 (2006.01)
 F24F 110/40 (2018.01)
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 F04C 18/344 (2006.01)
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(71) BYD COMPANY LIMITED (11) AU-A-2023334992 (21) 2023334992 (22) 31.07.2023 (54) SEMICONDUCTOR POWER MODULE, MOTOR CONTROLLER, AND VEHICLE (51) Int. Cl. H01L 23/498 (2006.01) (87) WO2024/045990 (31) 202211058483.1 (32) 31.08.22 (33) CN (43) 07.03.2024 (72) LIU, Chunjiang; ZHANG, Chong; ZHANG, Jianli (74) Davies Collison Cave Pty Ltd	(71) CAPITAL ONE SERVICES, LLC (11) AU-A-2023326211 (21) 2023326211 (22) 14.08.2023 (54) PARALLEL SECRET SALT GENERATION AND AUTHENTICATION FOR ENCRYPTED COMMUNICATION (51) Int. Cl. G06F 21/30 (2013.01) H04L 9/08 (2006.01) (87) WO2024/039596 (31) 17/890,628 (32) 18.08.22 (33) US (43) 22.02.2024 (72) OSBORN, Kevin; ZARAKAS, James; DUPUIS, Mark C.; CHIGURUPATI, Srinvasa (74) Spruson & Ferguson	(71) CELLDLEX THERAPEUTICS, INC. (11) AU-A-2023314802 (21) 2023314802 (22) 26.07.2023 (54) ANTI-KIT ANTIBODY FORMULATIONS AND METHODS (51) Int. Cl. C07K 16/28 (2006.01) A61K 39/395 (2006.01) A61K 47/18 (2017.01) (87) WO2024/026355 (31) 63/369,644 (32) 27.07.22 (33) US (43) 01.02.2024 (72) GOLDSTEIN, Joel; GAUDEN, Magdalena (74) FB Rice Pty Ltd
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(72) MEHTA, Shyam, Bhaskerbhai
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(72) SEITTER, Kevin; HOMYK, Andrew; FERENCE, Jeff; PECK, John; LEE, Jessica; DECLEENE, Sydney; BOYLAN, Derek; CARRIER, Daniel
(74) Forte Intellectual Property Pty Ltd

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(72) ZHOU, Zhenhao; ZHANG, Jie; WANG, Xiaqing; WANG, Gong
(74) PHILLIPS ORMONDE FITZPATRICK

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(21) 2023319227 (22) 27.07.2023
(54) CHANNEL DETECTION METHOD AND APPARATUS, AND TERMINAL, NETWORK DEVICE AND STORAGE MEDIUM
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H04W 72/04 (2023.01)
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(72) QIN, Wei; YANG, Tuo; HU, Lijie
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(11) AU-A-2024275715
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(54) COAL SEAM GAS PRESSURE AND PERMEABILITY SYNCHRONOUS INVERSION METHOD
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G06F 30/20 (2020.01)
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(74) Mann IP

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(51) Int. Cl.
H01M 10/054 (2010.01)
C01D 5/00 (2006.01)
C02F 1/58 (2023.01)
C05D 1/02 (2006.01)
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(72) LIEBERG, Jakob
(74) Davies Collison Cave Pty Ltd

(71) CIPLA LIMITED
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(72) ROTE, Kiran; BHADAURIA, Pradeep
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(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRIFFITH UNIVERSITY (11) AU-A-2023307416 (21) 2023307416 (22) 14.07.2023 (54) ANTI-GIARDIAL COMPOUNDS (51) Int. Cl. C07D 495/04 (2006.01) A61K 31/407 (2006.01) A61K 31/422 (2006.01) A61K 31/427 (2006.01) A61K 31/4439 (2006.01) A61K 31/496 (2006.01) A61K 31/5377 (2006.01) A61K 31/541 (2006.01) A61K 31/553 (2006.01) A61P 33/02 (2006.01) C07D 209/42 (2006.01) C07D 471/04 (2006.01) C07D 498/04 (2006.01) C07D 513/04 (2006.01) (87) WO2024/011294 (31) 2022901974 (32) 14.07.22 (33) AU (43) 18.01.2024 (72) ADAMS, Tina Sherrie; HART, Christopher John Saville; RYAN, John Henry; RICHES, Andrew Geoffrey (74) FB Rice Pty Ltd	(71) CONSOLIDATED METCO, INC. (11) AU-A-2023324834 (21) 2023324834 (22) 18.08.2023 (54) WHEEL HUB WITH PASSAGEWAY (51) Int. Cl. B60B 27/00 (2006.01) B60C 23/00 (2006.01) B60C 29/02 (2006.01) (87) WO2024/039840 (31) 63/399,374 (32) 19.08.22 (33) US (43) 22.02.2024 (72) BURRIS, Jared Wiley Richard; CAMINARI, Richard T.; SMITH, Randy P.; ELKIN, Jonathan Roy; REDDINGTON, Timothy James II; AUGUSTINE, Noah; JOHNSON, Michael E.; BOHNA, Michael S.; LEISEK, Gavin; CREASON, Caleb Thomas (74) Murray Trento & Associates Pty Ltd	(71) CORNING RESEARCH & DEVELOPMENT CORPORATION (11) AU-A-2023323688 (21) 2023323688 (22) 02.08.2023 (54) TEARABLE LUMEN FOR USE IN HIGH FIBER DENSITY OPTICAL FIBER CABLE (51) Int. Cl. G02B 6/04 (2006.01) C08L 23/12 (2006.01) G02B 6/02 (2006.01) G02B 6/44 (2006.01) C08L 23/14 (2006.01) (87) WO2024/035577 (31) 63/397,066 (32) 11.08.22 (33) US (43) 15.02.2024 (72) LIPIEC, Anna; WOJTCZAK-MICHALSKA, Malgorzata (74) PHILLIPS ORMONDE FITZPATRICK
(71) COMSTOCK IP HOLDINGS LLC (11) AU-A-2023303031 (21) 2023303031 (22) 07.07.2023 (54) LIGNOCELLULOSIC BIOMASS DERIVED BIOINTERMEDIATES AND RENEWABLE FUELS (51) Int. Cl. C08L 97/00 (2006.01) C07G 1/00 (2011.01) C08L 97/02 (2006.01) C10L 5/44 (2006.01) C12P 7/24 (2006.01) C12P 7/40 (2006.01) C08H 7/00 (2011.01) (87) WO2024/011195 (31) 63/367,874 (32) 07.07.22 (33) US	(71) CONVATEC LIMITED (11) AU-A-2023351330 (21) 2023351330 (22) 22.09.2023 (54) INTERMITTENT CATHETER (51) Int. Cl. A61M 25/00 (2006.01) A61M 25/01 (2006.01) (87) WO2024/069137 (31) 63/409,905 (32) 26.09.22 (33) US 63/409,923 26.09.22 US 63/409,892 26.09.22 US 2215966.9 28.10.22 GB 2215965.1 28.10.22 GB 2215967.7 28.10.22 GB (43) 04.04.2024 (72) KANDRÁC, Lukáš; LACKO, Patrik; NOVÁK, Marián (74) Houlihan Intellectual Property Pty Ltd	(71) CREATZ INC. (11) AU-A-2023317401 (21) 2023317401 (22) 26.07.2023 (54) METHOD, SYSTEM, AND NON-TRANSITORY COMPUTER-READABLE RECORDING MEDIUM FOR PROVIDING INFORMATION ABOUT TARGET DIRECTION APPLIED TO GOLF SHOT OR GOLF SWING (51) Int. Cl. A63B 69/36 (2006.01) A63B 24/00 (2006.01) A63B 71/06 (2006.01) (87) WO2024/029829 (31) 10-2022-0096394 (32) 02.08.22 (33) KR (43) 08.02.2024 (72) SUK, Yong Ho; SUK, Jey Ho; CHOI, Hyeon Seok; LEE, Dong Hun; LEE, Kyong Jong (74) Halfords IP
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(74) FB Rice Pty Ltd
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(11) AU-A-2023324868
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(51) Int. Cl.
C01B 3/24 (2006.01)
B01J 19/24 (2006.01)
F23J 15/02 (2006.01)
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(72) MCFARLAND, Eric; CHEN, Ye-Mon
(74) FPA Patent Attorneys Pty Ltd
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(51) Int. Cl.
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(74) Michael Buck IP
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C08L 1/02 (2006.01)
C08L 5/00 (2006.01)
C08L 29/04 (2006.01)
C08L 67/02 (2006.01)
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C07D 209/34 (2006.01)
A61K 31/404 (2006.01)
A61P 35/00 (2006.01)
A61P 35/02 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
C07D 405/14 (2006.01)
C07D 413/12 (2006.01)
C07D 413/14 (2006.01)
C07D 417/12 (2006.01)
C07D 471/04 (2006.01)
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C07D 487/04 (2006.01)
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E05B 47/02 (2006.01)
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G07C 9/00 (2020.01)
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G06Q 10/08 (2024.01)
G01G 19/00 (2006.01)
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B66F 9/04 (2006.01)
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C04B 24/26 (2006.01)
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C04B 24/26 (2006.01)
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(54) METHODS AND COMPOSITIONS FOR LITHIUM ORE BENEFICIATION
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B03D 1/004 (2006.01)
B03D 1/008 (2006.01)
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(51) Int. Cl.
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 29/00 (2006.01)
A61P 37/06 (2006.01)
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C12N 15/85 (2006.01)
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C12N 15/11 (2006.01)
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A61P 3/06 (2006.01)
C12N 15/113 (2010.01)
C12N 5/071 (2010.01)
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A61B 5/0215 (2006.01)
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A23L 33/12 (2016.01)
A61K 31/201 (2006.01)
A61P 9/00 (2006.01)
C11B 7/00 (2006.01)
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F01K 23/10 (2006.01)
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C12N 15/63 (2006.01)
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G06Q 20/20 (2012.01)
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G06V 20/52 (2022.01)
G07G 1/00 (2006.01)
G07G 1/12 (2006.01)
G07G 3/00 (2006.01)
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H04L 9/00 (2022.01)
G06Q 10/0875 (2023.01)
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H04L 9/32 (2006.01)
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A01C 1/02 (2006.01)
B65D 25/02 (2006.01)
A01C 1/00 (2006.01)
A01G 9/02 (2018.01)
B65D 25/10 (2006.01)
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C07D 473/06 (2006.01)
A61P 3/02 (2006.01)
C07C 39/20 (2006.01)
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C07F 11/00 (2006.01)
C07C 311/09 (2006.01)
H01M 8/1025 (2016.01)
H01M 8/1027 (2016.01)
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H01M 8/1081 (2016.01)

B01J 23/89 (2006.01)
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A23B 70/30 (2025.01)
H05B 6/46 (2006.01)
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FORSCHUNG E.V.
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G10L 19/008 (2013.01)
H04S 7/00 (2006.01)
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F16B 2/06 (2006.01)
F16B 9/00 (2006.01)
F16M 11/04 (2006.01)
F16M 11/06 (2006.01)
F16M 11/18 (2006.01)
H04R 1/08 (2006.01)
H04R 9/08 (2006.01)
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(54) LEARNING PROGRAM, GENERATION
PROGRAM, LEARNING METHOD,
AND INFORMATION PROCESSING
DEVICE
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G06Q 10/101 (2023.01)
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(54) SITE-SPECIFIC MODIFICATION BY A
BBB-SHUTTLE OF ANTIBODY-BASED
ENTITIES FOR CROSSING THE
BLOOD-BRAIN BARRIER
(51) Int. Cl.
A61K 47/68 (2017.01)
A61K 47/64 (2017.01)
A61P 35/00 (2006.01)
A61K 39/44 (2006.01)
C07K 7/64 (2006.01)
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F24F 1/029 (2019.01)
B60H 1/00 (2006.01)
F24F 1/0284 (2019.01)
F24F 1/039 (2019.01)
F24F 13/22 (2006.01)
H05K 7/20 (2006.01)
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B04B 1/20 (2006.01)
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A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 35/00 (2006.01)
C07D 401/12 (2006.01)
C07D 401/14 (2006.01)
C07D 403/12 (2006.01)
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C07D 405/12 (2006.01)
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A01K 61/90 (2017.01)
A01K 63/00 (2017.01)
A01K 63/02 (2006.01)
A01K 63/06 (2006.01)
G06T 7/00 (2017.01)
G06V 20/69 (2022.01)
G06V 40/10 (2022.01)
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C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
C07K 14/54 (2006.01)
C07K 14/55 (2006.01)
C07K 14/715 (2006.01)
C12N 15/62 (2006.01)
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H04N 1/387 (2006.01)
H04N 21/8358 (2011.01)
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G06F 21/62 (2013.01)
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G06V 20/30 (2022.01)
G06V 40/16 (2022.01)
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B01D 29/05 (2006.01)
A47J 31/00 (2006.01)
B01D 29/03 (2006.01)
B01D 29/90 (2006.01)
B65D 85/804 (2006.01)
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A41D 1/06 (2006.01)
A41D 13/02 (2006.01)
A41D 1/08 (2018.01)
A41D 15/00 (2006.01)
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(54) LIQUID SEPARATION USING SOLUTE-PERMEABLE MEMBRANES AND RELATED SYSTEMS
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B01D 61/04 (2006.01)
B01J 20/28 (2006.01)
C02F 1/44 (2023.01)
B01D 63/00 (2006.01)
B01D 69/12 (2006.01)
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B65D 5/38 (2006.01)
B65D 5/72 (2006.01)
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 (51) Int. Cl.
B65D 5/50 (2006.01)
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B65D 25/04 (2006.01)
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C07D 295/13 (2006.01)
A61K 9/51 (2006.01)
A61K 31/7088 (2006.01)
A61K 47/22 (2006.01)
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F25B 41/20 (2021.01)
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H04N 19/159 (2014.01)
H04N 19/169 (2014.01)
H04N 21/21 (2011.01)
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B26D 7/32 (2006.01)
B04C 3/00 (2006.01)
B08B 3/04 (2006.01)
B08B 3/14 (2006.01)
B26D 1/02 (2006.01)
B26D 1/03 (2006.01)
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B26D 7/08 (2006.01)
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C07K 14/82 (2006.01)
A61P 35/00 (2006.01)
C07K 14/705 (2006.01)
C07K 16/32 (2006.01)
C12N 15/10 (2006.01)
C12Q 1/6886 (2018.01)
C12Q 1/6897 (2018.01)
G01N 33/574 (2006.01)
A61K 39/395 (2006.01)
C12N 5/07 (2010.01)
C12Q 1/6806 (2018.01)
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A61K 51/04 (2006.01)
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A01K 15/02 (2006.01)
A47B 9/00 (2006.01)
A47B 83/04 (2006.01)
A47C 31/00 (2006.01)
A47C 31/11 (2006.01)
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 (74) James & Wells Intellectual Property

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H01C 7/00 (2006.01)
H01C 7/12 (2006.01)
H01T 4/02 (2006.01)
H01T 4/04 (2006.01)
H02H 1/00 (2006.01)
H02H 3/20 (2006.01)
H05C 1/00 (2006.01)
 (87) WO2024/032887
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 (54) DISPENSING TAP COMPRISING A HANDLE CONTAINING A BEVERAGE ADDITIVE DISPENSER
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B67D 1/00 (2006.01)
B67D 1/10 (2006.01)
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B60L 50/60 (2019.01)
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(51) Int. Cl.
H04W 24/02 (2009.01)
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C08G 18/18 (2006.01)
C08K 5/3462 (2006.01)
C08L 75/04 (2006.01)
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B01D 29/23 (2006.01)
B01D 19/00 (2006.01)
B01D 29/58 (2006.01)
B01D 36/00 (2006.01)
B01D 39/00 (2006.01)
C25B 1/02 (2006.01)
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(51) Int. Cl.
A47J 27/08 (2006.01)
A47J 36/36 (2006.01)
A47J 27/09 (2006.01)
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A47J 31/56 (2006.01)
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H02K 33/12 (2006.01)
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D06F 93/00 (2006.01)
D06F 95/00 (2006.01)
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G07D 11/12 (2019.01)
G07D 11/26 (2019.01)
G07G 1/00 (2006.01)
(87) WO2024/057658
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(72) AKAMATSU Toru; YANAGIDA Daisuke
(74) AJ PARK

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(54) STEEL PIPE FOR LINE PIPE HAVING EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE CHARACTERISTICS, METHOD OF MANUFACTURING SAME, STEEL MATERIAL FOR LINE PIPE, AND METHOD OF MANUFACTURING SAME
(51) Int. Cl.
C22C 38/00 (2006.01)
B21B 17/00 (2006.01)
B22D 11/00 (2006.01)
C21D 8/00 (2006.01)
C21D 8/10 (2006.01)
C21D 9/08 (2006.01)
C22C 38/60 (2006.01)
(87) WO2024/071352
(31) 2022-157170 (32) 29.09.22 (33) JP
(43) 04.04.2024
(72) OKANO Hiroshi; NISHIHARA Yoshihiro; INOUE Naho
(74) Davies Collision Cave Pty Ltd

(71) JFE STEEL CORPORATION
(11) AU-A-2023352246
(21) 2023352246 (22) 28.09.2023
(54) LINE PIPE STEEL MATERIAL HAVING EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE, MANUFACTURING METHOD THEREFOR, LINE PIPE STEEL TUBE HAVING EXCELLENT HYDROGEN EMBRITTLEMENT RESISTANCE, AND MANUFACTURING METHOD THEREFOR
(51) Int. Cl.
C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C21D 8/10 (2006.01)

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(31) 2022-157169 **(32)** 29.09.22 **(33)** JP
(43) 04.04.2024
(72) OKANO Hiroshi; NISHIHARA Yoshihiro;
INOUE Naho; IZUMI Daichi
(74) Davies Collison Cave Pty Ltd
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- (71)** JFE STEEL CORPORATION
(11) AU-A-2023352248
(21) 2023352248 **(22)** 28.09.2023
(54) HIGH-STRENGTH LINE PIPE STEEL
MATERIAL HAVING EXCELLENT
FRACTURE TOUGHNESS IN HYDRO-
GEN, METHOD FOR MANUFACTUR-
ING SAME, STEEL TUBE FOR HIGH-
STRENGTH LINE PIPES, AND METH-
OD FOR MANUFACTURING SAME
(51) Int. Cl.
C22C 38/00 (2006.01)
C21D 8/02 (2006.01)
C21D 8/10 (2006.01)
C22C 38/60 (2006.01)
(87) WO2024/071358
(31) 2022-157174 **(32)** 29.09.22 **(33)** JP
(43) 04.04.2024
(72) NISHIHARA Yoshihiro; OKANO Hiroshi;
INOUE Naho; IZUMI Daichi
(74) Davies Collison Cave Pty Ltd
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- (71)** JIANGSU HENGRUI PHARMACEUT-
ICALS CO., LTD.; SHANGHAI HEN-
GRUI PHARMACEUTICAL CO., LTD.
(11) AU-A-2023314335
(21) 2023314335 **(22)** 28.07.2023
(54) PHARMACEUTICAL COMPOSITION
COMPRISING KRAS G12D INHIBITOR
(51) Int. Cl.
A61K 31/553 (2006.01)
A61K 9/127 (2006.01)
A61P 35/00 (2006.01)
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Haifeng; TONG, Xinyong; WANG, Ping-
ping; FENG, Biao; WANG, Bin
(74) FB Rice Pty Ltd
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ICALS CO., LTD.; SHANGHAI SHENG-
DI PHARMACEUTICAL CO., LTD
(11) AU-A-2023335543
(21) 2023335543 **(22)** 29.08.2023
(54) FUSION PROTEIN COMPRISING TACI
POLYPEPTIDE AND USE THEREOF
(51) Int. Cl.
C07K 19/00 (2006.01)
A61K 38/16 (2006.01)
A61P 37/06 (2006.01)
C07K 16/18 (2006.01)
C12N 15/62 (2006.01)
C12N 15/63 (2006.01)
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ICALS CO., LTD.; SHANGHAI SHENG-
DI PHARMACEUTICAL CO., LTD
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(54) METHOD FOR SCREENING AND
PREPARING IMMUNOMODULATOR
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G01N 33/53 (2006.01)
C12Q 1/02 (2006.01)
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Han; LIN, Yuan; LIN, Kan; LIAO, Cheng
(74) Davies Collison Cave Pty Ltd
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- (71)** JIANGSU LOGILET BIOTECH CO.,
LTD.
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(54) THIN FILM, DIGITAL MICROFLUIDIC
CHIP SUBSTRATE AND PREPARA-
TION METHOD THEREFOR
(51) Int. Cl.
B01L 3/00 (2006.01)
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(43) 15.02.2024
(72) SU, Yang
(74) Kings Patent & Trade Marks Attorneys
Pty Ltd
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LOGY CO., LTD.; SHANGHAI ZHONG-
TIAN ALUMINUMWIRE CO., LTD.
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(21) 2024267004 **(22)** 30.04.2024
(54) A Low-cost High-performance Alumin-
um Alloy Monofilament and A Prepara-
tion Method Thereof
(51) Int. Cl.
C22C 49/06 (2006.01)
B21C 1/00 (2006.01)
C21D 8/06 (2006.01)
C22B 9/02 (2006.01)
C22B 9/05 (2006.01)
C22C 21/00 (2006.01)
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LOGIES LIMITED
(11) AU-A-2023351323
(21) 2023351323 **(22)** 21.09.2023
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CONTROLLED DISCHARGE OF COM-
PONENTS FROM A TUBE
(51) Int. Cl.
B01J 8/00 (2006.01)
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Jay Simon
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TOSHIBA ENERGY SYSTEMS &
SOLUTIONS CORPORATION
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(21) 2023436995 **(22)** 15.03.2023
(54) INFORMATION PROCESSING
DEVICE, INFORMATION PROCESSING PRO-
CESSING METHOD, PROGRAM, AND
INFORMATION PROCESSING SYS-
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G01R 31/392 (2019.01)
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Takahiro; MARUCHI, Kohei; MIT-
SUMOTO, Kenji
(74) Griffith Hack
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(21) 2022468990 **(22)** 14.07.2022
(54) METHODS OF ADMINISTERING BE-
LUMOSUDIL IN COMBINATION WITH
CYP3A INDUCERS AND/OR PROTON
PUMP INHIBITORS
(51) Int. Cl.
A61K 31/517 (2006.01)
A61P 37/06 (2006.01)
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(43) 18.01.2024
(72) SCHUELLER, Olivier; PATEL, Jeegar
(74) Griffith Hack
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- (71)** KADMON CORPORATION, LLC
(11) AU-A-2022469157
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(54) METHODS OF ADMINISTERING BE-
LUMOSUDIL FOR TREATMENT OF
CHRONIC GRAFT VERSUS HOST
DISEASE IN PATIENT SUBPOPULA-
TIONS
(51) Int. Cl.
A61K 31/517 (2006.01)
A61P 37/06 (2006.01)
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(74) Griffith Hack
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- (71)** KADMON CORPORATION, LLC
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(51) Int. Cl.
A61K 31/517 (2006.01)
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(11) AU-A-2022469801
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(54) BELUMOSUDIL METABOLITES AND USES THEREOF IN THE TREATMENT OF CHRONIC GRAFT-VERSUS-HOST DISEASE
(51) Int. Cl.
A61K 31/517 (2006.01)
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(72) SCHUELLER, Olivier; PATEL, Jeegar
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- (71) KAL TIRE
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(54) METHODS OF AND APPARATUSES FOR INSPECTING AN OBJECT
(51) Int. Cl.
G01N 37/00 (2006.01)
G01M 17/013 (2006.01)
G01N 27/9013 (2021.01)
G01N 27/904 (2021.01)
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NILSSON, Jan Peter
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(54) NEW DRUG COMPLEX
(51) Int. Cl.
A61K 47/69 (2017.01)
A61K 9/51 (2006.01)
A61K 31/282 (2006.01)
A61K 39/395 (2006.01)
A61K 47/32 (2006.01)
A61K 47/68 (2017.01)
A61P 35/00 (2006.01)
C08F 220/10 (2006.01)
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C01B 7/04 (2006.01)
C01G 23/053 (2006.01)
C01G 49/02 (2006.01)
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C22B 34/12 (2006.01)
C25B 1/26 (2006.01)
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B61B 11/00 (2006.01)
A63B 69/18 (2006.01)
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(72) KUBINA, Stefan
(74) Dentons Patent Attorneys Australasia Limited
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(51) Int. Cl.
B62D 37/04 (2006.01)
A01B 51/02 (2006.01)
A01B 63/11 (2006.01)
B62D 49/06 (2006.01)
A01B 59/06 (2006.01)
A01C 7/20 (2006.01)
A01C 15/00 (2006.01)
A01M 7/00 (2006.01)
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- (71) KURARAY NORITAKE DENTAL INC.
(11) AU-A-2023331128
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(54) DENTAL ADHESIVE COMPOSITION
(51) Int. Cl.
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NOJIRI Yamato
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- (71) KYOWA KIRIN CO., LTD.
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(54) ANTI-FGF23 ANTIBODY, AND FRAGMENT OF SAID ANTIBODY
(51) Int. Cl.
C12N 15/13 (2006.01)
A61K 39/395 (2006.01)
C07K 16/22 (2006.01)
C12N 1/15 (2006.01)
C12N 1/19 (2006.01)
C12N 1/21 (2006.01)
C12N 5/10 (2006.01)
C12N 15/63 (2006.01)
C12P 21/08 (2006.01)
A61P 7/00 (2006.01)
A61P 19/08 (2006.01)
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(51) Int. Cl.
E21B 43/12 (2006.01)
E21B 23/01 (2006.01)
E21B 34/16 (2006.01)
F04B 47/04 (2006.01)
F04D 13/10 (2006.01)
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(74) RnB IP Pty Ltd
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- (71) LEIDOS SECURITY DETECTION & AUTOMATION, INC.
(11) AU-A-2023333470
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(54) SYSTEM AND METHOD FOR AUTOMATING A SCAN OF AN OBJECT
(51) Int. Cl.
G01S 13/86 (2006.01)
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(21) 2023318788 (22) 31.07.2023
(54) CLOTHING TREATMENT APPARATUS AND CONTROL METHOD THEREFOR
(51) Int. Cl.
D06F 34/34 (2020.01)
D06F 34/14 (2020.01)
D06F 34/18 (2020.01)
D06F 34/30 (2020.01)
D06F 34/32 (2020.01)
D06F 103/04 (2020.01)
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(74) FB Rice Pty Ltd
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(54) APPARATUS AND METHOD FOR MANAGING BATTERY
(51) Int. Cl.
G01R 31/396 (2019.01)
G01R 19/00 (2006.01)
G01R 31/382 (2019.01)
G01R 31/385 (2019.01)
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(11) AU-A-2023311096
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(54) TREATMENT SYSTEMS AND ASSOCIATED METHODS
(51) Int. Cl.
A01M 19/00 (2006.01)
A01G 7/04 (2006.01)
A01M 21/04 (2006.01)
A01M 1/00 (2006.01)
A01M 3/02 (2006.01)
H03K 17/00 (2006.01)
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(11) AU-A-2023320292
(21) 2023320292 (22) 27.07.2023
(54) EMULSION EXPLOSIVE COMPOSITIONS AND METHODS OF USE
(51) Int. Cl.
C06B 47/14 (2006.01)
C06B 31/28 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys
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(21) 2023321648 (22) 11.08.2023
(54) METHOD FOR PRODUCING DRAINAGE FILMS, TUBULAR DRAINAGE FILM AND WOUND CARE KIT
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A61F 13/00 (2024.01)
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A61M 1/00 (2006.01)
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ROHRER, Christian; STEINLECHNER,
Erik; GRILLITSCH, Peter
(74) Fraser Old & Sohn
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(11) AU-A-2023308994
(21) 2023308994 (22) 18.07.2023
(54) METHODS FOR DIFFERENTIATING AT2 CELLS
(51) Int. Cl.
C12N 5/071 (2010.01)
A61K 35/28 (2015.01)
(87) WO2024/020405
(31) 63/390,463 (32) 19.07.22 (33) US
(43) 25.01.2024
(72) COOPER, Adrian; DHARMAWAN, Andre; FEDERZONI, Elena; WONG, Kurt
(74) Pearce IP Pty Ltd
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- (71) LUNG BIOTECHNOLOGY PBC
(11) AU-A-2023309508
(21) 2023309508 (22) 18.07.2023
(54) METHODS FOR DIFFERENTIATING STROMAL CELLS OR PERICYTES
(51) Int. Cl.
C12N 5/071 (2010.01)
(87) WO2024/020402
(31) 63/390,458 (32) 19.07.22 (33) US
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(72) PARISE, Jason; WONG, Kurt
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(21) 2023311219 (22) 18.07.2023
(54) METHODS FOR DIFFERENTIATING ENDOTHELIAL CELLS
(51) Int. Cl.
C12N 5/0735 (2010.01)
C12N 5/074 (2010.01)
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(72) COOPER, Adrian; DHARMAWAN, Andre; FEDERZONI, Elena; WONG, Kurt
(74) Pearce IP Pty Ltd
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(54) METHODS FOR DIFFERENTIATING EPITHELIAL OR BASAL CELLS
(51) Int. Cl.
C12N 5/071 (2010.01)
C12N 5/02 (2006.01)
(87) WO2024/020401
(31) 63/390,454 (32) 19.07.22 (33) US
(43) 25.01.2024
(72) COOPER, Adrian; DHARMAWAN, Andre; FEDERZONI, Elena; LEE, Megan;
WERLE, Katie; WONG, Kurt
(74) Pearce IP Pty Ltd
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- (71) LUXOTTICA S.R.L.
(11) AU-A-2023343563
(21) 2023343563 (22) 14.09.2023
(54) PARABOLOID LENS AND EYEWEAR COMPRISING SUCH A LENS
(51) Int. Cl.
G02C 7/02 (2006.01)
G02B 1/11 (2015.01)
G02C 7/10 (2006.01)
G02C 7/12 (2006.01)
(87) WO2024/057246
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(43) 21.03.2024
(72) SPREMULLI, Vincenzo; FRIGENI, Pietro
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) LYRAMID PTY LTD
(11) AU-A-2023322218
(21) 2023322218 (22) 08.08.2023
(54) COMPOSITIONS AND METHODS FOR DELIVERY OF TRUNCATED MIDKINE PROTEINS
(51) Int. Cl.
A61K 38/18 (2006.01)
A61P 25/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
C07K 14/475 (2006.01)
C12N 15/113 (2010.01)
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- (71) MACCAFERRI TUNNELING S.R.L.
(11) AU-A-2023312196
(21) 2023312196 (22) 18.07.2023
(54) TUNNEL CONSTRUCTION METHOD AND MACHINE
(51) Int. Cl.
E21D 11/18 (2006.01)
E21D 9/06 (2006.01)
E21D 9/12 (2006.01)
E21D 11/08 (2006.01)
(87) WO2024/017867
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(54) COMPOSITE MATERIALS AND METHODS FOR INHIBITING RODENT INGRESS
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A01M 29/30 (2011.01)
B32B 15/06 (2006.01)
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A61K 31/4439 (2006.01)
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A61P 3/00 (2006.01)
A61P 9/00 (2006.01)
A61P 13/12 (2006.01)
A61P 17/00 (2006.01)
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A61K 31/4188 (2006.01)
A61P 35/00 (2006.01)
C07D 471/04 (2006.01)
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C12N 5/00 (2006.01)
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A61P 7/06 (2006.01)
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C10G 2/00 (2006.01)
C07C 29/151 (2006.01)
C07C 31/04 (2006.01)
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F16L 13/16 (2006.01)
F25B 41/40 (2021.01)
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A61K 31/505 (2006.01)
A61P 17/00 (2006.01)
C07C 231/02 (2006.01)
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B23K 26/32 (2014.01)
B23K 35/00 (2006.01)
B23K 35/30 (2006.01)
B23K 35/40 (2006.01)
C22C 38/02 (2006.01)
C22C 38/26 (2006.01)
C22C 38/38 (2006.01)
B23K 103/04 (2006.01)
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(43) 08.02.2024 (72) LINDNER, Stefan (74) Griffith Hack (71) OXFORD UNIVERSITY INNOVATION LIMITED (11) AU-A-2023324477 (21) 2023324477 (22) 09.08.2023 (54) LENGTH-ADAPTED CHIMERIC ANTIGEN RECEPTORS AND LENGT-ADAPTED ACCESSORY RECEPTORS FOR IMPROVED CAR T CELL ACTIVATION (51) Int. Cl. C07K 14/725 (2006.01) (87) WO2024/033642 (31) 2211637.0 (32) 09.08.22 (33) GB (43) 15.02.2024 (72) DUSHEK, Omer (74) Catalyst Intellectual Property (71) PACER PROFILES PTY LTD (11) AU-A-2023327797 (21) 2023327797 (22) 25.08.2023 (54) A CHANNEL STRIP FOR DRAINS (51) Int. Cl. E21F 16/02 (2006.01) E21D 11/10 (2006.01) E21D 11/38 (2006.01) (87) WO2024/040305 (31) 2022902461 (32) 26.08.22 (33) AU (43) 29.02.2024 (72) HOUWELING, Roy (74) Madderns Pty Ltd (71) PAPACKS SALES GMBH; WILKINSON SWORD GMBH (11) AU-A-2023326450 (21) 2023326450 (22) 15.08.2023 (54) SHAVING DEVICE (51) Int. Cl. B26B 21/52 (2006.01) (87) WO2024/038052 (31) 10 2022 120 574.6 (32) 16.08.22 (33) DE (43) 22.02.2024 (72) DAG, Tahsin; NIGGEMANN, Matthias; TÖNS, Andreas (74) Franke Hyland Pty Ltd (71) PAUL WURTH S.A. (11) AU-A-2023331879 (21) 2023331879 (22) 29.08.2023 (54) IRON ORE REDUCING AND MELTING APPARATUS AND METHOD (51) Int. Cl. C21B 5/06 (2006.01) C21B 7/16 (2006.01) F27B 1/16 (2006.01) (87) WO2024/047010 (31) 10 2022 121 807.4 (32) 29.08.22 (33) DE LU502718 29.08.22 LU LU502719 29.08.22 LU (43) 07.03.2024 (72) KINZEL, Klaus Peter; DIDELON, Fernand; BANIASADI, Mehdi; DE-LIKONSTANTIS, Evangelos; JI, Jihong (74) Spruson & Ferguson	(71) PIONEER HI-BRED INTERNATIONAL, INC. (11) AU-A-2023338108 (21) 2023338108 (22) 30.08.2023 (54) BRASSICA CYTOPLASMIC MALE STERILITY (CMS) FERTILITY RESTORER NUCLEIC ACIDS, MARKERS, METHODS, AND ZYGOSITY ASSAYS (51) Int. Cl. A01H 5/00 (2018.01) A01H 1/00 (2006.01) A01H 1/04 (2006.01) A01H 5/10 (2018.01) C12N 15/82 (2006.01) C12Q 1/68 (2018.01) (87) WO2024/054768 (31) 63/374,849 (32) 07.09.22 (33) US (43) 14.03.2024 (72) ATWOOD, Sarah; FENGLER, Kevin A.; JETTY, Siva S. Ammiraju; MYRVOLD, Jonathan (74) Oxygene IP (71) PLAE 2 TECH AB (11) AU-A-2023308158 (21) 2023308158 (22) 11.07.2023 (54) METHOD OF BREWING A BEVERAGE (51) Int. Cl. A47J 31/56 (2006.01) A47J 31/41 (2006.01) (87) WO2024/015008 (31) 2250894-9 (32) 12.07.22 (33) SE (43) 18.01.2024 (72) ERIKSSON, Anders (74) GLMR (71) PLASMALEAP TECHNOLOGIES PTY LTD (11) AU-A-2023305319 (21) 2023305319 (22) 12.07.2023 (54) AMMONIA PRODUCTION (51) Int. Cl. C01C 1/04 (2006.01) B01J 19/08 (2006.01) C25B 1/27 (2021.01) C25B 1/28 (2021.01) C25B 3/09 (2021.01) C25B 9/01 (2021.01) C25B 9/13 (2021.01) C25B 9/19 (2021.01) C25B 11/032 (2021.01) C25B 11/054 (2021.01) C25B 11/073 (2021.01) C25B 15/029 (2021.01) C25B 15/08 (2006.01) H05H 1/24 (2006.01) (87) WO2024/011285 (31) 2022901953 (32) 13.07.22 (33) AU (43) 18.01.2024 (72) CULLEN, Patrick; ZHANG, Tianqi; ZHOU, Renwu; LI, Fengwang (74) Baxter Patent Attorneys Pty Ltd	(71) POLYPLASTICS-EVONIK CORPORATION (11) AU-A-2023384584 (21) 2023384584 (22) 18.08.2023 (54) THERMOSETTING RESIN COMPOSITION AND CURED PRODUCT (51) Int. Cl. C08L 101/00 (2006.01) C08J 3/12 (2006.01) C08J 5/04 (2006.01) C08L 63/00 (2006.01) C08L 77/00 (2006.01) (87) WO2024/111181 (31) 2022-186375 (32) 22.11.22 (33) JP (43) 30.05.2024 (72) NAKAIE, Yoshiki; FUJIKI, Daisuke (74) Griffith Hack (71) PRECISION PLANTING LLC (11) AU-A-2023313116 (21) 2023313116 (22) 26.07.2023 (54) AGRICULTURAL SAMPLE PACKAGING SYSTEM (51) Int. Cl. G01N 1/00 (2006.01) G01N 1/28 (2006.01) (87) WO2024/023730 (31) 63/369,722 (32) 28.07.22 (33) US 63/369,765 29.07.22 US 63/369,988 01.08.22 US 63/489,209 09.03.23 US PCT/ 14.07.23 IB IB2023/057236 (43) 01.02.2024 (72) KAISER, Jesse; KOCH, Dale (74) Griffith Hack (71) PRECISION PLANTING LLC (11) AU-A-2023313524 (21) 2023313524 (22) 26.07.2023 (54) AGRICULTURAL SAMPLE PACKAGING SYSTEM AND RELATED METHODS (51) Int. Cl. G01N 1/00 (2006.01) G01N 1/28 (2006.01) (87) WO2024/023729 (31) 63/369,722 (32) 28.07.22 (33) US 63/369,765 29.07.22 US 63/369,988 01.08.22 US 63/489,209 09.03.23 US PCT/ 14.07.23 IB IB2023/057236 (43) 01.02.2024 (72) KAISER, Jesse; WILDERMUTH, Paul; KOCH, Dale; BUCHER, Seth; ZHANG, Matthew (74) Griffith Hack (71) PRECISION PLANTING LLC (11) AU-A-2023336980 (21) 2023336980 (22) 04.09.2023 (54) NOTCHED OPENER DISCS (51) Int. Cl. A01C 5/06 (2006.01) A01C 7/20 (2006.01) (87) WO2024/052793 (31) 63/375,139 (32) 09.09.22 (33) US 63/375,143 09.09.22 US
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63/434,659	22.12.22	US	63/504,352	25.05.23	US	Charles
63/434,667	22.12.22	US	(43) 14.03.2024			(74) Griffith Hack
63/434,671	22.12.22	US	(72) HODEL, Jeremy; NOREEN, Trenton			
63/501,172	10.05.23	US	(74) Griffith Hack			
63/504,352	25.05.23	US				
(43) 14.03.2024						
(72) HODEL, Jeremy; SOLBERG, Jordan						
Charles						
(74) Griffith Hack						
(71) PRECISION PLANTING LLC			(71) PRECISION PLANTING LLC			(71) PRECISION PLANTING LLC
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(54) SEED DELIVERY SYSTEM			(54) METHOD OF SEED DELIVERY			(22) 07.07.2023
(51) Int. Cl.			(51) Int. Cl.			(54) LIQUID DISTRIBUTION SYSTEMS,
A01C 7/20 (2006.01)			A01C 7/20 (2006.01)			CROP SPRAYERS, AND RELATED
A01C 7/04 (2006.01)			A01C 7/04 (2006.01)			METHODS
(87) WO2024/052795			(87) WO2024/052798			(51) Int. Cl.
(31) 63/375,139	(32) 09.09.22	(33) US	(31) 63/375,139	(32) 09.09.22	(33) US	A01M 7/00 (2006.01)
63/375,143	09.09.22	US	63/375,143	09.09.22	US	B05B 1/30 (2006.01)
63/385,568	30.11.22	US	63/385,568	30.11.22	US	B05B 9/04 (2006.01)
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63/434,667	22.12.22	US	63/434,667	22.12.22	US	(32) 15.09.22
63/434,671	22.12.22	US	63/434,671	22.12.22	US	(33) US
63/501,172	10.05.23	US	63/501,172	10.05.23	US	(43) 21.03.2024
63/504,352	25.05.23	US	63/504,352	25.05.23	US	(72) WIEGAND, Cole; FRANK, William;
(43) 14.03.2024			(43) 14.03.2024			GRAY, Tanner
(72) HODEL, Jeremy; STRANG, Keith T;			(72) HODEL, Jeremy			(74) Griffith Hack
BAKER, Ryan			(74) Griffith Hack			
(74) Griffith Hack						
(71) PRECISION PLANTING LLC			(71) PRECISION PLANTING LLC			(71) PROLAIO, INC.
(11) AU-A-2023336983			(11) AU-A-2023336986			(11) AU-A-2023324756
(21) 2023336983	(22) 04.09.2023		(21) 2023336986	(22) 04.09.2023		(21) 2023324756
(54) SEED DELIVERY SYSTEM			(54) SEEDING SYSTEM			(22) 17.08.2023
(51) Int. Cl.			(51) Int. Cl.			(54) SYSTEM AND METHOD FOR HUMAN
A01C 7/20 (2006.01)			A01C 7/20 (2006.01)			ACTIVITY RECOGNITION
A01C 7/04 (2006.01)			A01C 7/04 (2006.01)			(51) Int. Cl.
(87) WO2024/052796			(87) WO2024/052799			G16H 20/30 (2018.01)
(31) 63/375,139	(32) 09.09.22	(33) US	(31) 63/375,139	(32) 09.09.22	(33) US	G06N 3/045 (2023.01)
63/375,143	09.09.22	US	63/375,143	09.09.22	US	G06N 3/084 (2023.01)
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63/434,671	22.12.22	US	63/434,671	22.12.22	US	(31) 63/399,002
63/501,172	10.05.23	US	63/501,172	10.05.23	US	(32) 18.08.22
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(43) 14.03.2024			(43) 14.03.2024			(43) 22.02.2024
(72) HODEL, Jeremy; BAKER, Ryan			(72) HODEL, Jeremy; DILLE, Mitchell R			(72) RICHARDS, Dylan
(74) Griffith Hack			(74) Griffith Hack			(74) RnB IP Pty Ltd
(71) PRECISION PLANTING LLC			(71) PRECISION PLANTING LLC			(71) PROPANE HUNTER LLC
(11) AU-A-2023336987			(11) AU-A-2023336987			(11) AU-A-2023326141
(21) 2023336987	(22) 04.09.2023		(21) 2023336987	(22) 04.09.2023		(21) 2023326141
(54) SEEDING SYSTEM			(54) SEEDING SYSTEM			(22) 04.08.2023
(51) Int. Cl.			(51) Int. Cl.			(54) CYLINDER STORAGE CAGE MONIT-
A01C 7/20 (2006.01)			A01C 7/20 (2006.01)			ORING SYSTEM
A01C 5/06 (2006.01)			A01C 7/04 (2006.01)			(51) Int. Cl.
(87) WO2024/052797			(87) WO2024/052800			G06Q 10/08 (2024.01)
(31) 63/375,139	(32) 09.09.22	(33) US	(31) 63/375,139	(32) 09.09.22	(33) US	(87) WO2024/038347
63/375,143	09.09.22	US	63/375,143	09.09.22	US	(31) 63/398,431
63/385,568	30.11.22	US	63/385,568	30.11.22	US	(32) 16.08.22
63/434,649	22.12.22	US	63/434,649	22.12.22	US	(33) US
63/434,659	22.12.22	US	63/434,659	22.12.22	US	(43) 22.02.2024
63/434,667	22.12.22	US	63/434,667	22.12.22	US	(72) RALEY, William Hunter
63/434,671	22.12.22	US	63/434,671	22.12.22	US	(74) GIRL FRIDAY IP PTY LTD
63/501,172	10.05.23	US	63/501,172	10.05.23	US	
63/504,352	25.05.23	US	63/504,352	25.05.23	US	
(43) 14.03.2024			(43) 14.03.2024			
(72) HODEL, Jeremy; BAKER, Ryan			(72) HODEL, Jeremy; BAKER, Ryan			
(74) Griffith Hack			(74) Griffith Hack			
(71) PRECISION PLANTING LLC			(71) PRECISION PLANTING LLC			(71) PROQR THERAPEUTICS II B.V.; THE
(11) AU-A-2023336984			(11) AU-A-2023336984			REGENTS OF THE UNIVERSITY OF
(21) 2023336984	(22) 04.09.2023		(21) 2023336984	(22) 04.09.2023		CALIFORNIA
(54) SUB-TRENCH OPENER			(54) SUB-TRENCH OPENER			(11) AU-A-2023306595
(51) Int. Cl.			(51) Int. Cl.			(21) 2023306595
A01C 5/06 (2006.01)			A01C 5/06 (2006.01)			(22) 14.07.2023
A01C 7/20 (2006.01)			A01C 7/20 (2006.01)			(54) OLIGONUCLEOTIDES FOR ADAR-
(87) WO2024/052797			(87) WO2024/052797			MEDIATED RNA EDITING AND USE
(31) 63/375,139	(32) 09.09.22	(33) US	(31) 63/375,139	(32) 09.09.22	(33) US	THEREOF
63/375,143	09.09.22	US	63/375,143	09.09.22	US	(51) Int. Cl.
63/385,568	30.11.22	US	63/385,568	30.11.22	US	C12N 15/11 (2006.01)
63/434,649	22.12.22	US	63/434,649	22.12.22	US	C12N 15/113 (2010.01)
63/434,659	22.12.22	US	63/434,659	22.12.22	US	(87) WO2024/013361
63/434,667	22.12.22	US	63/434,667	22.12.22	US	(31) 63/389,441
63/434,671	22.12.22	US	63/434,671	22.12.22	US	(32) 15.07.22
63/501,172	10.05.23	US	63/501,172	10.05.23	US	(33) US
63/504,352	25.05.23	US	63/504,352	25.05.23	US	63/481,566
(43) 14.03.2024			(43) 14.03.2024			25.01.23

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(74) Jones Tulloch
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- (71) PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED
(11) AU-A-2023318924
(21) 2023318924 (22) 04.08.2023
(54) THERMITE COMPOSITION FOR A PROCESS OF PLUGGING AND ABANDONING A PETROLEUM WELL AND PROCESS OF PLUGGING AND ABANDONING A PETROLEUM WELL USING SAID THERMITE COMPOSITION
(51) Int. Cl.
C09K 8/42 (2006.01)
C06B 21/00 (2006.01)
C09K 8/493 (2006.01)
C09K 8/516 (2006.01)
C22F 1/04 (2006.01)
E21B 23/04 (2006.01)
E21B 29/00 (2006.01)
(87) WO2024/028820
(31) 2201004913 (32) 04.08.22 (33) TH
(43) 08.02.2024
(72) TOEMPROMARAJ, Wararit; HNURU-ANG, Kittithuch; SILAKORN, Passaworn; CHANVANICHSKUL, Chatawut; TANGPATOMWONG, Kannikar; ROONGRUANG, Nutt; PHLOI-MONTRI, Pramote; SOMPOPSART, Suwin; KONGDACHUDOMKUL, Chatchai; LUANGVARANUNT, Tachai; LEELACHAO, Sirichai; RATTANAPIEN, Patnoptanut; PONGSUGITWAT, Suvanchai; VISUTTIPITUKUL, Patama; LOTHONGKUM, Gobboon; MEESAK, Thanawat; TECHAPIESANCHAROENKIJ, Ratchatee
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) PURDUE RESEARCH FOUNDATION
(11) AU-A-2023325157
(21) 2023325157 (22) 16.08.2023
(54) UNIVERSAL NATURAL KILLER CELLS DERIVED FROM HUMAN PLURIPOTENT STEM CELLS AND METHOD OF USE
(51) Int. Cl.
A61K 39/00 (2006.01)
C07K 14/47 (2006.01)
C07K 14/725 (2006.01)
C07K 14/735 (2006.01)
C07K 16/28 (2006.01)
C07K 16/44 (2006.01)
C12N 5/0783 (2010.01)
(87) WO2024/040138
(31) 63/398,781 (32) 17.08.22 (33) US
(43) 22.02.2024
(72) BAO, Xiaoping; LOW, Philip, Stewart; CHANG, Yun; JUNG, Juhying
(74) FPA Patent Attorneys Pty Ltd
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- (71) QUALCOMM INCORPORATED
(11) AU-A-2023358738
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(54) TRANSFORMING VIDEO DATA USING NON-SEPARABLE PRIMARY TRANSFORMS
(51) Int. Cl.
H04N 19/122 (2014.01)
H04N 19/159 (2014.01)
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H04N 19/61 (2014.01)
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(43) 18.04.2024
(72) GARUS, Patrick; COBAN, Muhammed Zeyd; RAY, Bappaditya; SEREGIN, Vadim; KARCZEWICZ, Marta
(74) Madderns Pty Ltd
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- (71) RAYTHEON COMPANY
(11) AU-A-2023365623
(21) 2023365623 (22) 13.07.2023
(54) METHOD FOR REDUCING JET TAB EXPOSURE DURING THRUST VECTORING
(51) Int. Cl.
F02K 9/80 (2006.01)
F02K 9/90 (2006.01)
F42B 10/64 (2006.01)
F42B 10/66 (2006.01)
(87) WO2024/086392
(31) 17/930,741 (32) 09.09.22 (33) US
(43) 25.04.2024
(72) NAPIER, Brandon J.; WELLS, Scott R.; BETTS, Derek T.; ALBRECHT, Kevin R.
(74) RnB IP Pty Ltd
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- (71) REDWOOD MATERIALS
(11) AU-A-2023338892
(21) 2023338892 (22) 05.09.2023
(54) METHOD OF MAKING MONODISPersed SINGLE CRYSTAL CATHODE MATERIAL
(51) Int. Cl.
C01G 53/00 (2006.01)
C30B 1/02 (2006.01)
C30B 29/22 (2006.01)
H01M 4/02 (2006.01)
H01M 4/505 (2010.01)
H01M 4/525 (2010.01)
(87) WO2024/054439
(31) 63/404,579 (32) 08.09.22 (33) US
(43) 14.03.2024
(72) KAO, Yu-Hua; ZHANG, Fangfu; LUC, Wesley; MATIOS, Edward; SINGHAL, Gurudayal; NELSON, Alan
(74) FPA Patent Attorneys Pty Ltd
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(11) AU-A-2023314923
(21) 2023314923 (22) 28.07.2023
(54) VIRAL PARTICLES RETARGETED TO TRANSFERRIN RECEPTOR 1
(51) Int. Cl.
A61K 35/761 (2015.01)
C07K 14/005 (2006.01)
C12N 15/86 (2006.01)
C12N 15/87 (2006.01)
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- (87) WO2024/026494
(31) 63/393,741 (32) 29.07.22 (33) US
63/502,562 16.05.23 US
(43) 01.02.2024
(72) SABIN, Leah; KYRATSOS, Christos; PLASTERER, Kyle; DUGAN, John; GAO, Min; AIME-WILSON, Pascaline; KEATING, Nicole; BABB, Robert; PRAGGASTIS, Maria; CYGNAR, Katherine
(74) PHILLIPS ORMONDE FITZPATRICK
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- (71) REGENERON PHARMACEUTICALS, INC.
(11) AU-A-2023325400
(21) 2023325400 (22) 18.08.2023
(54) INTERFERON PROTEINS AND USES THEREOF
(51) Int. Cl.
C07K 14/52 (2006.01)
A61K 38/19 (2006.01)
A61P 35/00 (2006.01)
C07K 14/555 (2006.01)
C07K 14/715 (2006.01)
C07K 16/28 (2006.01)
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(31) 63/399,040 (32) 18.08.22 (33) US
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(43) 22.02.2024
(72) WEICK, Eva-Maria; BLOCH, Nicolin; GARG, Vidur; ULLMAN, Erica; ZHANG, Tong; LIN, Chia-Yang; WU, Jiaxi; SMITH, Eric
(74) Davies Collison Cave Pty Ltd
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- (71) REGENERON PHARMACEUTICALS, INC.
(11) AU-A-2023325402
(21) 2023325402 (22) 18.08.2023
(54) INTERFERON RECEPTOR AGONISTS AND USES THEREOF
(51) Int. Cl.
C07K 14/555 (2006.01)
C07K 14/715 (2006.01)
(87) WO2024/040249
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(72) WEICK, Eva-Maria; BLOCH, Nicolin; GARG, Vidur; ULLMAN, Erica; ZHANG, Tong; LIN, Chia-Yang; WU, Jiaxi; SMITH, Eric
(74) Davies Collison Cave Pty Ltd
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- (71) REGENERON PHARMACEUTICALS, INC.
(11) AU-A-2023334548
(21) 2023334548 (22) 31.08.2023
(54) METHODS OF TREATING NON-SMALL CELL LUNG CANCER USING MESENCHYMAL EPITHELIAL TRANSITION FACTOR (MET)-TARGETED AGENTS
(51) Int. Cl.
A61P 35/00 (2006.01)
A61K 39/395 (2006.01)
C07K 16/28 (2006.01)

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 (72) PEREZ, Javier; RIETSCHER, Petra;
 NAVAS, Mario Antonio; BOYAPATI, An-
 ita
 (74) FB Rice Pty Ltd
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- (71) RENAGADE THERAPEUTICS MAN-
 AGEMENT INC.
 (11) AU-A-2023329392
 (21) 2023329392 (22) 24.08.2023
 (54) ENGINEERED RETRONS AND METH-
 ODS OF USE
 (51) Int. Cl.
 C12N 15/11 (2006.01)
 C12N 9/12 (2006.01)
 C12N 15/90 (2006.01)
 C12N 15/10 (2006.01)
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 D04H 1/74 (2006.01)
 E04B 1/74 (2006.01)
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B29C 45/00 (2006.01)
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C08J 5/18 (2006.01)
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A61P 1/16 (2006.01)
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(51) Int. Cl.
G08B 25/04 (2006.01)
A61B 5/11 (2006.01)
A61B 5/113 (2006.01)
G01V 8/10 (2006.01)
G06Q 50/22 (2024.01)
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F16L 55/18 (2006.01)
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A61M 5/00 (2006.01)
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E01F 13/02 (2006.01)
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E04H 17/00 (2006.01)
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A23L 33/115 (2016.01)
A23L 33/15 (2016.01)
A23L 33/175 (2016.01)
A61P 3/02 (2006.01)
A61P 13/12 (2006.01)
A61P 21/00 (2006.01)
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(51) Int. Cl.
A23L 33/115 (2016.01)
A23K 20/142 (2016.01)
A23K 20/158 (2016.01)
A23K 20/174 (2016.01)
A23L 33/12 (2016.01)
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A23K 10/30 (2016.01)
A23K 20/163 (2016.01)
A23K 50/40 (2016.01)
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F24B 1/199 (2006.01)
F24B 1/19 (2006.01)
F24B 3/00 (2006.01)
F24B 13/02 (2006.01)
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(54) QUANTUM MECHANICAL LOGIC FOR CLASSICAL COMPUTATION
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G06N 10/00 (2022.01)
G06N 7/02 (2006.01)
H05K 1/14 (2006.01)
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ISS, Jürgen
(74) James & Wells Intellectual Property

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ING ORTHOPEDIC PINS AND RE-
LATED ACCESSORIES
(51) Int. Cl.
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GRAIL, Caitlyn; PAYNE, Dustin, James;
ROACH, Patrick; UELK, Theodore;
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(74) Davies Collison Cave Pty Ltd

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LTD.; NANJING SUMEC INTELLI-
GENCE TECHNOLOGY CO., LTD.
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ELECTRIC VEHICLE
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A01D 34/82 (2006.01)
A01D 34/78 (2006.01)
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Guohui; WANG, Qiang; PEI, Yong
(74) Remarkable IP

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(54) REDOX FLOW BATTERY SYSTEM
(51) Int. Cl.
H01M 8/18 (2006.01)
H01M 8/02 (2016.01)
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HANAFUSA, Kei; DONG, Yongrong
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LTD.
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CIRCUIT FOR BIDIRECTIONAL RES-

ONANT DIRECT-CURRENT CON-
VERTER
(51) Int. Cl.
H02M 3/335 (2006.01)
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G01H 11/08 (2006.01)
G01N 29/34 (2006.01)
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A01C 7/16 (2006.01)
A01C 15/00 (2006.01)
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C12N 15/113 (2010.01)
A61K 31/7105 (2006.01)
A61K 31/7115 (2006.01)
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A61K 35/19 (2015.01)
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C12N 5/078 (2010.01)
C07H 21/02 (2006.01)
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 C07C 211/19 (2006.01)
 A61K 9/00 (2006.01)
 A61K 31/13 (2006.01)
 A61P 25/00 (2006.01)
 A61P 31/16 (2006.01)
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 A61K 31/519 (2006.01)
 A61K 45/00 (2006.01)
 A61P 35/00 (2006.01)
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 A61K 45/00 (2006.01)
 A61P 35/00 (2006.01)

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 A61K 45/00 (2006.01)
 A61P 35/00 (2006.01)
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 C12N 15/13 (2006.01)
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C07C 37/86 (2006.01)
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F21V 23/00 (2015.01)
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2022473539	ELC MANAGEMENT LLC	2023309728	AURORA; UNIVERSITE DE REIMS CHAMPAGNE-AR-DENNE
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2022474005	AZUROUS, INC. dba CABEAU	2023310105	BLUE BUFFALO ENTERPRISES, INC.
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2022474930	TECHTRONIC CORDLESS GP	2023310874	BIOCRYST PHARMACEUTICALS, INC.
2022474932	TECHTRONIC CORDLESS GP	2023310959	HODGES & DRAKE DESIGN LIMITED
2022474934	TECHTRONIC CORDLESS GP	2023311096	LISI GLOBAL, INC.
2022475733	AWAK TECHNOLOGIES PTE LTD	2023311214	VIKING THERAPEUTICS, INC.
2022476549	NIPPON STEEL CORPORATION	2023311219	LUNG BIOTECHNOLOGY PBC
2022476682	GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.	2023311333	SEAL ROCK THERAPEUTICS, INC.
2022476683	GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD.	2023311344	EMENDOBIO INC.
2022477771	FUJITSU LIMITED	2023311768	ALLEGRO ENERGY PTY LTD
2022477867	MUSTANG SAMPLING, LLC	2023311975	LUNG BIOTECHNOLOGY PBC
2022480675	BIOCORP PRODUCTION S.A.S.	2023311985	THOMAS JEFFERSON UNIVERSITY
2022482243	BUSCH PRODUKTIONS GMBH	2023312057	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
2022482584	MITSUBISHI ELECTRIC CORPORATION	2023312196	MACCAFERRI TUNNELING S.R.L.
2022486101	MITSUBISHI ELECTRIC CORPORATION	2023312198	CHIESI FARMACEUTICI S.P.A.
2023301851	THE J. DAVID GLADSTONE INSTITUTES, A TESTAMENTARY TRUST ESTABLISHED UNDER THE WILL OF J. DAVID GLADSTONE; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023312385	GEOSNAPSHOT PTY LTD
2023303031	COMSTOCK IP HOLDINGS LLC	2023312876	GNARA, INC.
2023303878	ASTRAZENECA AB	2023312887	SIONIC ENERGY, INC.
2023305084	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2023312992	ECOCHEM MATERIALS LIMITED; ECOLE NORMALE SUPERIEURE PARIS-SACLAY; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; INSTITUT NATIONAL DES SCIENCES APPLIQUÉES DE TOULOUSE; UNIVERSITE TOULOUSE III – PAUL SABATIER
2023305102	ADOCIA	2023313012	ETH ZÜRICH
2023305208	SHONAN GOSEI-JUSHI SEISAKUSHO K.K.	2023313116	PRECISION PLANTING LLC
2023305319	PLASMALEAP TECHNOLOGIES PTY LTD	2023313378	UNIVERSIDAD POLITÉCNICA DE MADRID
2023305322	UNIVERSITY OF SOUTH AUSTRALIA; CENTRAL AD-ELAIDE LOCAL HEALTH NETWORK INC	2023313524	PRECISION PLANTING LLC
2023305357	FOOD TECHNOLOGY HOLDING B.V.	2023313617	HEAT AND CONTROL, INC.
2023306104	APTUM.AI PTY LTD	2023313906	HUAWEI TECHNOLOGIES CO., LTD.
2023306495	BEIERSDORF AG	2023314144	GEOSNAPSHOT PTY LTD
2023306576	FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.	2023314236	MICROPOROUS TECHNOLOGIES LTD.
2023306595	PROQR THERAPEUTICS II B.V.; THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	2023314327	ALLORION THERAPEUTICS INC
2023306788	HARVEST TECHNOLOGY PTY LTD	2023314335	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD.
2023306880	BESSER, R.	2023314344	ZHEJIANG SUPOR ELECTRICAL APPLIANCES MANUFACTURING CO., LTD.
2023307073	VAXXINITY, INC.	2023314619	VIRONEXIS BIOTHERAPEUTICS INC.; RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL
2023307226	CAAMTECH, INC.	2023314780	CEPHALON LLC
2023307413	THE UNIVERSITY OF ADELAIDE	2023314802	CELLDEX THERAPEUTICS, INC.
2023307414	THE COUNCIL OF THE QUEENSLAND INSTITUTE OF MEDICAL RESEARCH	2023314923	REGENERON PHARMACEUTICALS, INC.
2023307416	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION; GRIFFITH UNIVERSITY	2023315160	UTOPIA MUSIC AG
2023308064	GENUV INC.	2023315792	FFI IONIX IP, INC.
2023308158	PLAE 2 TECH AB	2023315864	DANIMER IPCO, LLC
2023308345	EMENDOBIO INC.	2023316256	CINIS FERTILIZER AB
2023308539	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA; THE PENN STATE RESEARCH FOUNDATION; ABBASCHIAN, R.; HERRERA, S.; BOYSEN, D.; KIM, H.	2023316647	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
2023308548	GRADIENT CORPORATION	2023316740	ECOCHEM MATERIALS LIMITED; ECOLE NORMALE SUPERIEURE PARIS-SACLAY; CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
2023308641	ALBERT EINSTEIN COLLEGE OF MEDICINE	2023316762	INWATEC APS
2023308646	TURTLE FIRE SYSTEMS, LLC	2023316958	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY
		2023317401	CREATZ INC.

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2023317659	GATE2BRAIN, S.L.; UNIVERSITAT DE BARCELONA; FUNDACIÓ INSTITUT DE RECERCA BIOMÈDICA (IRB BARCELONA)	2023324834	CONSOLIDATED METCO, INC.
2023317678	SEA6 TECHNOLOGIES EUROPE B.V.	2023324868	CZERO, INC.
2023317815	OUTOKUMPU OYJ	2023324955	CATERPILLAR INC.
2023318788	LG ELECTRONICS INC.	2023325054	ELEMENT BIOSCIENCES, INC.
2023318846	SHANGHAI KAIJIN BIOTECHNOLOGY, LTD; CHIM-AGEN BIOSCIENCES, LTD	2023325134	UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE
2023318923	RICHTER GEDEON NYRT.	2023325147	EPIC CLEANTEC INC.
2023318924	PTT EXPLORATION AND PRODUCTION PUBLIC COMPANY LIMITED	2023325154	ARTIVA BIOTHERAPEUTICS, INC.; GC CELL CORPORATION
2023319227	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2023325157	PURDUE RESEARCH FOUNDATION
2023319269	GIRARDI S.R.L.	2023325216	BOSTON SCIENTIFIC SCIMED, INC.
2023319535	NONA BIOSCIENCES (SUZHOU) CO., LTD.	2023325245	TORAGEN, INC.
2023319874	CHIMAGEN BIOSCIENCES, LTD	2023325313	ELI LILLY AND COMPANY
2023319953	MATIV LUXEMBOURG	2023325328	CERILLO INC
2023320031	ENDOTRONIX, INC.	2023325330	CERILLO INC
2023320032	BALTIMORE AIRCOIL COMPANY, INC.	2023325400	REGENERON PHARMACEUTICALS, INC.
2023320088	ALLIANCE FOR SUSTAINABLE ENERGY, LLC; MASSACHUSETTS INSTITUTE OF TECHNOLOGY	2023325402	REGENERON PHARMACEUTICALS, INC.
2023320274	SYNGENTA CROP PROTECTION AG	2023325650	ACELINK THERAPEUTICS, INC.
2023320292	LOCUS SOLUTIONS IPCO, LLC	2023325782	ELC MANAGEMENT LLC
2023320351	RHODAN MARINE SYSTEMS OF FLORIDA, LLC	2023326042	FREEDMAN ELECTRONICS PTY LTD,
2023320352	RHODAN MARINE SYSTEMS OF FLORIDA, LLC	2023326076	ORIBIOTECH LTD
2023320609	XX HMI ELECTRONICS CO., LTD	2023326141	PROPANE HUNTER LLC
2023320651	MEDINNO PHARMACEUTICAL TECHNOLOGY (ZHUHAI) CO., LTD.	2023326210	CAPITAL ONE SERVICES, LLC
2023320660	MEDINNO PHARMACEUTICAL TECHNOLOGY (ZHUHAI) CO., LTD.	2023326211	CAPITAL ONE SERVICES, LLC
2023320795	XIZANG HAISCO PHARMACEUTICAL CO., LTD.	2023326450	PAPACKS SALES GMBH; WILKINSON SWORD GMBH
2023320914	BEIGENE SWITZERLAND GMBH	2023326563	MITODICURE GMBH
2023321092	JIANGSU LOGILET BIOTECH CO., LTD.	2023326571	SWISS-TEC GLOBAL LIMITED
2023321323	CHINA MOBILE COMMUNICATION CO., LTD RESEARCH INSTITUTE; CHINA MOBILE COMMUNICATIONS GROUP CO., LTD.	2023326696	SANDVIK MINING AND CONSTRUCTION OY
2023321648	LOHMANN & RAUSCHER GMBH	2023326722	SANDVIK MINING AND CONSTRUCTION OY
2023321661	SANDVIK MINING AND CONSTRUCTION OY	2023326875	BYD COMPANY LIMITED
2023321667	UNIVERSITY OF CINCINNATI	2023327164	SUMITOMO ELECTRIC INDUSTRIES, LTD.
2023321682	THE AES CORPORATION	2023327296	BYD COMPANY LIMITED
2023321708	MATSING, INC.	2023327330	SHIN NIPPON BIOMEDICAL LABORATORIES, LTD.
2023321758	KOWA COMPANY, LTD.	2023327571	TCM-RESEARCH LTD
2023321871	A&C TECHNOLOGY, INC	2023327586	TD GREENROCK BETEILIGUNGSHOLDING GMBH; WERNER SEMPELL VERMÖGENSVERWALTUNGS UG (HAFTUNGSBESCHRÄNKT)
2023321890	BIONTECH US INC.	2023327778	BREATHESAFE PTY LTD
2023321951	OURA HEALTH OY	2023327797	PACER PROFILES PTY LTD
2023322022	SYNDEVX, INC.	2023328965	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE; COLLEGE DE FRANCE; SORBONNE UNIVERSITÉ
2023322218	LYRAMID PTY LTD	2023329041	GEA WESTFALIA SEPARATOR GROUP GMBH
2023322231	SITETECH SOLUTIONS PTY LTD	2023329078	SANDVIK MINING AND CONSTRUCTION TOOLS AB
2023322241	THE UNIVERSITY OF WESTERN AUSTRALIA	2023329316	SIGHT SCIENCES, INC.
2023322520	MAYMAAN RESEARCH, INC.	2023329349	89BIO, INC.
2023322567	ATB THERAPEUTICS	2023329392	RENAGADE THERAPEUTICS MANAGEMENT INC.
2023322589	STRYKER CORPORATION	2023329398	ROSEMOUNT INC.
2023323589	KYOWA KIRIN CO., LTD.	2023329499	VAPOR OIL TECHNOLOGY LLC
2023323630	ELC MANAGEMENT LLC	2023329501	SHAHIM, C.F.
2023323642	CIPLA LIMITED	2023329558	TORAY INDUSTRIES, INC.
2023323688	CORNING RESEARCH & DEVELOPMENT CORPORATION	2023329563	TORAY INDUSTRIES, INC.
2023323763	ATLAS LENS CO.	2023329564	TORAY INDUSTRIES, INC.
2023323861	BOEHRINGER INGELHEIM VETMEDICA GMBH	2023329693	EPAX NORWAY AS
2023323904	NUTCRACKER THERAPEUTICS, INC.	2023329816	TRAILHEAD BIOSYSTEMS INC.
2023323908	ELI LILLY AND COMPANY	2023329831	GRAPHIC PACKAGING INTERNATIONAL, LLC
2023324299	HELIGENICS INC.	2023329832	GRAPHIC PACKAGING INTERNATIONAL, LLC
2023324477	OXFORD UNIVERSITY INNOVATION LIMITED	2023329893	EDWARDS LIFESCIENCES CORPORATION
2023324657	NOVELIS INC.	2023329895	TRAILHEAD BIOSYSTEMS INC.
2023324665	UNIVERSITY OF WYOMING	2023330002	DOORDASH, INC.
2023324670	EQUINIX, INC.	2023330102	ARROWHEAD PHARMACEUTICALS, INC.
2023324713	SANDBOX ENTERPRISES, LLC	2023330123	LATERALIFT, LLC
2023324756	PROLAI, INC.	2023330168	ASTELLAS INSTITUTE FOR REGENERATIVE MEDICINE
2023324789	INSULET CORPORATION	2023330710	AB INITIO TECHNOLOGY LLC
2023324826	ACCENT THERAPEUTICS, INC.	2023330777	GRISWOLD CONTROLS, LLC
2023324832	CONSOLIDATED METCO, INC.	2023330965	UNIVERSITY OF MARYLAND, COLLEGE PARK; INVENTWOOD INC.
		2023331128	KURARAY NORITAKE DENTAL INC.
		2023331229	ZODIAC POOL CARE EUROPE

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2023331251	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2023345582	EVONIK OPERATIONS GMBH; BASF SE; COM-MERZBANK AG
2023331263	ABBVIE INC.	2023345654	TECHNISCHE UNIVERSITÄT MÜNCHEN; UNIVERSITÄT AUGSBURG
2023331621	FERTIS INDIA PVT LTD	2023346091	SOCIETE DES PRODUITS NESTLE SA
2023331829	SCHOTT AG; SCHOTT PRIMOCCELER OY	2023346095	SOCIETE DES PRODUITS NESTLE SA
2023331879	PAUL WURTH S.A.	2023346205	MÖLNLYCKE HEALTH CARE AB
2023332039	KUBINA, S.	2023346641	NECTIN THERAPEUTICS LTD.
2023332227	SUN-ICE ENERGY PTE. LTD	2023347428	APPLE INC.
2023332321	SAINT-GOBAIN ISOVER	2023347505	AMGEN INC.
2023332483	EVERSEEN LIMITED	2023348157	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023332734	ALCON INC.	2023348158	SOCIÉTÉ DES PRODUITS NESTLÉ S.A.
2023333233	AMGEN INC.	2023348185	FERROSAN MEDICAL DEVICES A/S
2023333470	LEIDOS SECURITY DETECTION & AUTOMATION, INC.	2023348211	NMD PHARMA A/S
2023333763	SOLO BRANDS, LLC	2023348241	ASSA ABLOY ENTRANCE SYSTEMS AB
2023333795	BOSTON SCIENTIFIC NEUROMODULATION CORPORATION	2023348344	BOEHRINGER INGELHEIM INTERNATIONAL GMBH
2023333891	THE JOHNS HOPKINS UNIVERSITY; INSTITUT PASTEUR DE MONTEVIDEO; UNIVERSIDAD DE LA REPÚBLICA	2023349457	ZTE CORPORATION
2023333913	DECIPHERA PHARMACEUTICALS, LLC	2023350706	CYBER SECURITY RESEARCH CENTRE LIMITED
2023333918	ENERVENUE HOLDINGS, LTD.	2023351023	TODDY TECH, LLC
2023334156	MIRALOGX LLC	2023351323	JOHNSON MATTHEY DAVY TECHNOLOGIES LIMITED
2023334548	REGENERON PHARMACEUTICALS, INC.	2023351330	CONVATEC LIMITED
2023334695	TORAY INDUSTRIES, INC.	2023351331	CONVATEC LIMITED
2023334696	TORAY INDUSTRIES, INC.	2023351959	NOVARTIS AG
2023334940	NIPPON STEEL CORPORATION	2023352016	JFE STEEL CORPORATION
2023334992	BYD COMPANY LIMITED	2023352246	JFE STEEL CORPORATION
2023335010	NGK INSULATORS, LTD.	2023352248	JFE STEEL CORPORATION
2023335011	NGK INSULATORS, LTD.	2023352691	HOWE & HOWE INC.
2023335543	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD	2023352705	THIRDWAYV, INC.
2023335547	JIANGSU HENGRUI PHARMACEUTICALS CO., LTD.; SHANGHAI SHENGDI PHARMACEUTICAL CO., LTD	2023352924	HUSQVARNA AB
2023335894	EDWARDS LIFESCIENCES CORPORATION	2023353989	CARIBOU BIOSCIENCES, INC.
2023335927	APNIMED, INC. (DELAWARE)	2023355798	ALZCHEM TROSTBERG GMBH
2023336870	SUNGROW POWER SUPPLY CO., LTD.	2023355978	TECTRAUM, INC.
2023336907	WELFARE CONCEPTS LIMITED	2023356017	DURO INDUSTRIES, LLC
2023336908	WELFARE CONCEPTS LIMITED	2023356678	MCCUE CORPRATION
2023336980	PRECISION PLANTING LLC	2023357079	RINNAI CORPORATION
2023336982	PRECISION PLANTING LLC	2023357793	SRIVASTAVA, A.
2023336983	PRECISION PLANTING LLC	2023358010	ALCON INC.
2023336984	PRECISION PLANTING LLC	2023358738	QUALCOMM INCORPORATED
2023336985	PRECISION PLANTING LLC	2023361052	DAEWOONG PHARMACEUTICAL CO., LTD.
2023336986	PRECISION PLANTING LLC	2023364720	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES
2023336987	PRECISION PLANTING LLC	2023364721	MEMORIAL SLOAN-KETTERING CANCER CENTER; SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH; MEMORIAL HOSPITAL FOR CANCER AND ALLIED DISEASES
2023337455	ESSILOR INTERNATIONAL	2023365623	RAYTHEON COMPANY
2023337588	HUNTSMAN PETROCHEMICAL LLC	2023379046	TRUMA GERAETETECHNIK GMBH & CO. KG
2023337861	NIPPON STEEL CORPORATION	2023379054	HYDAC FILTERTECHNIK GMBH
2023337897	BAYER HEALTHCARE LLC	2023382748	RINNAI CORPORATION
2023338043	THE CLOROX COMPANY	2023384584	POLYPLASTICS-EVONIK CORPORATION
2023338108	PIONEER HI-BRED INTERNATIONAL, INC.	2023396599	CJ CHEILJEDANG CORPORATION
2023338115	TAKEDA PHARMACEUTICAL COMPANY LIMITED	2023408406	LG ENERGY SOLUTION, LTD.
2023338484	CARGILL, INCORPORATED	2023413250	GREEN CROSS CORPORATION
2023338892	REDWOOD MATERIALS	2023423446	IB APPLIANCES US HOLDINGS, LLC
2023340115	KUHN SAS	2023424193	ONBOARD DATA, INC.
2023340647	PRECISION PLANTING LLC	2023424739	NINGBO PUREY FLOW TECHNOLOGY CO., LTD.
2023340656	ZODIAC POOL CARE EUROPE	2023433478	SUMEC HARDWARE & TOOLS CO., LTD.; NANJING SUMEC INTELLIGENCE TECHNOLOGY CO., LTD.
2023340663	HIGUCHI, T.	2023433484	ZHEJIANG HAIZHUO NEW ENERGY TECHNOLOGY CO., LTD.; SILTRAX PTY LTD; SUZHOU HAIZHUO NEW ENERGY TECHNOLOGY CO., LTD
2023340956	JAPAN CASH MACHINE CO., LTD.	2023435722	TRANSITIONS OPTICAL, LTD.
2023341648	ABBOTT DIABETES CARE INC.	2023436995	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION
2023342024	IB APPLIANCES US HOLDINGS, LLC	2024267004	JIANGSU ZHONGTIAN TECHNOLOGY CO., LTD.; SHANGHAI ZHONGTIAN ALUMINUMWIRE CO., LTD.
2023342568	AMRA MEDICAL AB	2024275715	CHINA UNIVERSITY OF MINING AND TECHNOLOGY
2023342697	ECOLAB USA INC.		
2023342704	ECOLAB USA INC.		
2023342774	GENESIS THERAPEUTICS, INC.		
2023342940	AMGEN INC.		
2023343024	UPL MAURITIUS LIMITED; UPL EUROPE LTD.		
2023343155	ATLAS COPCO AIRPOWER, NAAMLOZE VEN-NOOTSCHAP		
2023343482	HILDE & PHIL LLC		

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2024287290	SHENZHEN ENVICOOL INTELLIGENT CONNECTION TECHNOLOGY CO., LTD.
2024293707	X DEVELOPMENT LLC
2024297495	SEKISUI HOUSE, LTD.
2024306278	DOAZON PTY LTD

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<u>A01K 15 /-</u>	2023346091	2023319269	2023307226	2023325154	2023336908
2023338108	2023346095	2023423446	2023307416	2023364721	2023346641
<u>A01K 61 /-</u>	2023310105	<u>A47J 31 /-</u>	2023309575	<u>A61K 38 /-</u>	2023413250
2023343482	2023348158	2023314327	2023309768	2023307073	<u>A61K 48 /-</u>
<u>A01K 61 /-</u>	2023308727		2023311333	2023307414	2023311985
			2023311985	2023310874	2023331251
			2023312198	2023311214	2023413250
			2023314327	2023312057	<u>A61K 51 /-</u>
				2023316958	2023340663
				2023322218	2023345654
				2023325154	<u>A61K 6 /-</u>
				2023325400	2023331128
				2023329349	<u>A61K 8 /-</u>
				2023335543	2022473539
				<u>A61K 39 /-</u>	2023306495
				2023305322	2023323630
				2023307073	2023325782
				2023308064	<u>A61K 9 /-</u>
				2023314619	2023311214
				2023314802	2023312057
				2023317659	2023314335
				2023318846	
				2023321758	
				2023322567	
				2023323589	
				2023323908	

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2023318923	2023323589	2023329564	A63B 24 /-	B01J 23 /-	B23K 10 /-
2023321758		2023331249			
2023323642	A61P 21 /-	2023331263	2023317401	2023315792	2023317815
2023325245		2023333913		2023320088	
2023329499	2023326563	2023334548	A63B 69 /-		B23K 103 /-
2023336907	2023348157	2023334695		B01J 27 /-	
2023336908	2023348158	2023334696	2023308661		2023317815
2023413250	2023348211	2023342774	2023317401	2023320088	
		2023346641	2023332039		B23K 26 /-
A61L 2 /-	A61P 25 /-	2023364721		B01J 37 /-	
			A63B 71 /-		2023317815
2023309728	2023307073	A61P 37 /-		2023320088	
	2023309575		2023317401		B23K 35 /-
A61L 26 /-	2023322218	2022468990		B01J 8 /-	
	2023325245	2022469157	A63F 13 /-		2023317815
2023348185	2023331251	2022469413		2023351323	
		2022469801	2023315160		B23K 9 /-
A61L 27 /-	A61P 29 /-	2023309575	B01D 11 /-	B01L 3 /-	2023317815
		2023322218			
2023305102	2023309575	2023323861	2023324665	2023321092	
	2023322218	2023325313		2023323904	B25B 27 /-
A61M 1 /-	2023325313	2023335543	B01D 19 /-	2023325330	
	2023361052	2023338115			2023348241
2022475733		2023348211	2023379054	B03D 1 /-	B26B 21 /-
2023321648	A61P 3 /-	2023364720		2023342697	
2023329501		2023364721	B01D 29 /-	2023342704	2023326450
2023346205	2023311214				
	2023311344	A61P 43 /-	2023319269	B04B 1 /-	B26D 1 /-
A61M 11 /-	2023316958		2023379054		
	2023320651	2023329558		2023329041	2023313617
2023327330	2023325650	2023329563	B01D 36 /-		
	2023329349	2023329564		B04B 13 /-	B26D 3 /-
A61M 13 /-	2023330102	2023334695	2023379054		
	2023331251	2023334696	B01D 39 /-	2023329041	2023313617
2023327330	2023331621				
	2023348157	A61P 7 /-	2023379054	B04B 3 /-	B26D 7 /-
A61M 25 /-	2023348158				
		2023323589	B01D 53 /-	2023310660	2023313617
2022474546	A61P 31 /-	2023334156		B04B 7 /-	B27D 1 /-
2023351330					
2023351331	2023320651	A61P 9 /-	2023343155	2023310660	2023330965
	2023325245				
A61M 5 /-	2023326563	2023320651	B01D 61 /-	B04C 3 /-	B27L 7 /-
		2023325134			
2022480675	A61P 33 /-	2023329693	2023308548	2023313617	2023356017
2023329316		2023330102	B01D 63 /-		
	2023307416			B05B 1 /-	B27N 1 /-
A61N 1 /-		A61Q 1 /-	2023308548		
	A61P 35 /-			2023340647	2023327586
2023333795		2023306495	B01D 69 /-		
		2023323630		B05B 9 /-	B29C 45 /-
A61P 1 /-	2023303878	2023325782	2023308548		
	2023305322			2023340647	2023317678
2023311214	2023307414	A61Q 17 /-	B01F 27 /-		
2023311333	2023308064			B08B 3 /-	B29C 48 /-
	2023309575	2022473539	2023324665		
A61P 11 /-	2023314327			2023313617	2023317678
	2023314335	A62C 19 /-	B01J 13 /-		
2023335927	2023317659			B08B 7 /-	B29C 63 /-
	2023318846	2023308646	2023314236		
A61P 13 /-	2023319535			2023309728	2023305208
	2023320651	A62C 3 /-	B01J 19 /-		
2023311333	2023320660			B21B 17 /-	B29D 11 /-
2023320651	2023320914	2023308646	2023305319		
2023348157	2023321758		2023308539	2023352016	2023331829
2023361052	2023322022	A62C 31 /-	2023324665		
	2023322218		2023324868	B21C 1 /-	B32B 15 /-
A61P 17 /-	2023324299	2023308646			
	2023324826	A62C 99 /-	B01J 20 /-	2024267004	2023319953
2023320651	2023325245				
2023351959	2023325400	2023308646	2023308548	B22D 11 /-	B32B 21 /-
	2023325650				
A61P 19 /-	2023329558			2023352016	2023330965
	2023329563				
2023320651					

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<u>B32B 29 /-</u>	<u>B65D 47 /-</u>	2023327571	<u>C07C 309 /-</u>	2023312198 2023333913 2023342774	2023320795 2023320914
2023315864	2023351023	<u>C01G 53 /-</u>	2023325245		<u>C07F 11 /-</u>
<u>B32B 3 /-</u>	<u>B65D 5 /-</u>	2023328965 2023338892	<u>C07C 31 /-</u>	<u>C07D 405 /-</u>	2023315792
2023319953	2023329831 2023329832 2023338484	<u>C02F 1 /-</u>	2023335010 2023335011	2023309575 2023314327 2023333913 2023342774	<u>C07F 7 /-</u>
<u>B32B 7 /-</u>		2023308548 2023316256	<u>C07C 311 /-</u>		2023324826
2023330965	<u>B65D 51 /-</u>		2023315792	<u>C07D 409 /-</u>	<u>C07G 1 /-</u>
<u>B60B 17 /-</u>	2023338484 2023351023	<u>C04B 103 /-</u>	<u>C07C 37 /-</u>	2023342774	2023303031
2023337861		2023316740			
<u>B60B 27 /-</u>	<u>B65D 65 /-</u>	<u>C04B 24 /-</u>	2023329499	<u>C07D 413 /-</u>	<u>C07H 21 /-</u>
2023324832 2023324834	2023315864		<u>C07C 39 /-</u>	2023309575 2023309768 2023312198 2023333913 2023342774	2023311985
<u>B60C 23 /-</u>	<u>B65D 77 /-</u>	2023312992 2023316740	2023331621		<u>C07K 14 /-</u>
2023338484		<u>C04B 28 /-</u>	<u>C07C 51 /-</u>		2023308064 2023308641 2023310874 2023312057 2023314923 2023322218 2023324299 2023324477 2023325154 2023325157 2023325400 2023325402 2023329349 2023353989 2023364720
2023324832 2023324834	2023338484	<u>C04B 28 /-</u>	2023329499	<u>C07D 417 /-</u>	
<u>B60C 29 /-</u>	<u>B65D 85 /-</u>	2023312992 2023316740			
	2023309578 2023319269	<u>C05D 1 /-</u>	2023325245	2023309575 2023333913 2023342774	
2023324832 2023324834	<u>B66F 9 /-</u>	2023316256	<u>C07C 59 /-</u>	<u>C07D 471 /-</u>	
	2023356017	<u>C05F 3 /-</u>	2023325245	2023307416 2023309575 2023320660 2023333913 2023342774	
<u>B60H 1 /-</u>	<u>B67D 1 /-</u>	2023355798	<u>C07C 63 /-</u>		
2022476682 2022476683 2023327778	2023310959	<u>C05F 5 /-</u>	2023325245		
	<u>B67D 7 /-</u>	2023355798	<u>C07C 65 /-</u>	<u>C07D 473 /-</u>	<u>C07K 16 /-</u>
<u>B60H 3 /-</u>	2023324955	<u>C05G 3 /-</u>	2023325245		
2023327778	<u>B82Y 5 /-</u>	2023355798	<u>C07D 207 /-</u>	2023331621	2023305322 2023308064 2023314619 2023314780 2023314802 2023318846 2023319535 2023319874 2023321890 2023322567 2023323589 2023324299 2023325134 2023325154 2023325157 2023325313 2023325400 2023329558 2023329563 2023329564 2023331263 2023334548 2023334695 2023334696 2023335543 2023346641 2023353989 2023364721
<u>B60L 50 /-</u>	2023312057	<u>C06B 21 /-</u>		<u>C07D 487 /-</u>	
2023352691	<u>C01B 3 /-</u>	2023318924	2023309768 2023312198	2023309575 2023309768 2023312198 2023320651 2023320660 2023333913 2023342774	
<u>B60L 53 /-</u>	2023313378 2023324868	<u>C06B 31 /-</u>	<u>C07D 209 /-</u>		
2023322520		2023320292	2023307416 2023333913		
<u>B61B 11 /-</u>	<u>C01B 32 /-</u>	<u>C06B 47 /-</u>	<u>C07D 239 /-</u>	<u>C07D 491 /-</u>	
2023332039	2023308539	2023320292	2023342774 2023351959	2023333913	
<u>B62D 37 /-</u>	<u>C01B 7 /-</u>	<u>C07B 63 /-</u>		<u>C07D 495 /-</u>	
2023340115	2022471422		<u>C07D 295 /-</u>		
<u>B62D 49 /-</u>	<u>C01C 1 /-</u>	<u>C07C 211 /-</u>	2023325650 2023413250	2023307416 2023320795	
2023340115	2023305319	2023325245			
<u>B63H 20 /-</u>	<u>C01D 5 /-</u>	<u>C07C 231 /-</u>	<u>C07D 401 /-</u>	<u>C07D 498 /-</u>	
2023320351 2023320352	2023316256	2023351959	2023309575 2023309768 2023312198 2023314327 2023324826 2023333913 2023342774	2023307416 2023309575 2023320914	
<u>B65D 1 /-</u>	<u>C01G 23 /-</u>	<u>C07C 233 /-</u>		<u>C07D 513 /-</u>	
2023338484	2022471422	2023325245 2023351959		2023307416 2023342774	
<u>B65D 25 /-</u>	<u>C01G 31 /-</u>	<u>C07C 29 /-</u>	<u>C07D 403 /-</u>	<u>C07D 519 /-</u>	2023307073 2023311214 2023335543
2023309578 2023329832	2023327571	2023335010 2023335011	2023309575 2023309768		
	<u>C01G 49 /-</u>			2023320651 2023320660	
	2022471422				

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<u>C07K 5 /-</u>	<u>C08L 67 /-</u>	2023306595	<u>C21B 5 /-</u>	<u>C25B 11 /-</u>	<u>E04F 19 /-</u>
2023345654	2023315864	2023308064	2023331879	2023305319	2023356678
<u>C07K 7 /-</u>	<u>C08L 71 /-</u>	2023308345	<u>C21B 7 /-</u>	2023433484	<u>E04G 1 /-</u>
2023307073	2023315864	2023310874	2023331879	<u>C25B 15 /-</u>	2023322231
2023316958	<u>C08L 75 /-</u>	2023311344	<u>C21D 8 /-</u>	2023305319	<u>E04H 17 /-</u>
2023317659	2023337588	2023311985	2023352016	<u>C25B 3 /-</u>	2023309341
<u>C08B 37 /-</u>	<u>C08L 77 /-</u>	2023312057	2023352246	2023305319	2023322231
2023305102	2023384584	2023313012	2024267004	<u>C25B 9 /-</u>	<u>E04H 4 /-</u>
2023317678	<u>C08L 97 /-</u>	2023314619	<u>C21D 9 /-</u>	2023305319	2023331229
<u>C08F 220 /-</u>	2023303031	2023314923	2023352016	2023433484	2023340656
2023321758	<u>C08L 99 /-</u>	2023320274	<u>C22B 1 /-</u>	<u>C30B 1 /-</u>	<u>E05B 47 /-</u>
<u>C08G 18 /-</u>	2023317678	2023322218	2023327571	2023338892	2024306278
2023337588	<u>C09D 167 /-</u>	2023323589	<u>C22B 34 /-</u>	<u>C30B 29 /-</u>	<u>E05D 7 /-</u>
<u>C08G 63 /-</u>	2023315864	2023324299	2022471422	2023338892	2023310810
2023315864	<u>C09D 5 /-</u>	2023325154	2023327571	<u>D04H 1 /-</u>	<u>E21B 17 /-</u>
<u>C08H 7 /-</u>	2023315864	2023329392	<u>C22B 5 /-</u>	2023332321	2023329078
2023303031	<u>C09K 8 /-</u>	2023330102	2023327571	<u>D06F 103 /-</u>	<u>E21B 21 /-</u>
<u>C08J 3 /-</u>	2023318924	2023331251	<u>C22B 9 /-</u>	2023318788	2023324713
2023305102	<u>C10G 2 /-</u>	2023333891	2024267004	<u>D06F 105 /-</u>	<u>E21B 23 /-</u>
2023384584	2023335010	2023334695	<u>C22C 18 /-</u>	2023318788	2023318924
<u>C08J 5 /-</u>	2023335011	2023334696	2022476549	<u>D06F 34 /-</u>	2023330123
2023317678	<u>C10G 3 /-</u>	2023335543	2023334940	<u>D06F 34 /-</u>	<u>E21B 29 /-</u>
2023384584	2023320088	2023338108	<u>C22C 21 /-</u>	2023318788	2023318924
<u>C08K 3 /-</u>	<u>C10L 1 /-</u>	2023348344	2024267004	<u>D06F 93 /-</u>	<u>E21B 34 /-</u>
2023315864	2023335010	2023364721	<u>C22C 38 /-</u>	2023316762	2023330123
<u>C08K 5 /-</u>	2023335011	2023308994	2023317815	<u>D06F 95 /-</u>	<u>E21B 43 /-</u>
2023315864	<u>C10L 5 /-</u>	2023309508	2023352016	2023316762	2023324713
2023337588	2023303031	2023311219	2023352246	<u>D21H 19 /-</u>	2023330123
<u>C08L 1 /-</u>	<u>C11B 7 /-</u>	2023311344	2023352248	2023315864	<u>E21D 11 /-</u>
2023315864	2023329693	2023311975	<u>C22C 49 /-</u>	<u>D21J 3 /-</u>	2023312196
<u>C08L 101 /-</u>	<u>C12M 1 /-</u>	2023311985	2024267004	2023327586	2023327797
2023384584	2023325328	2023312057	<u>C22F 1 /-</u>	<u>E01F 13 /-</u>	<u>E21D 9 /-</u>
<u>C08L 23 /-</u>	2023325330	2023313012	2023318924	2023309341	2023312196
2023323688	2023326076	2023314619	<u>C23C 2 /-</u>	2023322231	<u>E21F 16 /-</u>
<u>C08L 29 /-</u>	<u>C12M 3 /-</u>	2023314923	2022476549	<u>E01F 15 /-</u>	2023327797
2023315864	2023326076	2023320274	2023334940	2023309341	<u>F01K 23 /-</u>
<u>C08L 5 /-</u>	<u>C12N 1 /-</u>	2023322218	<u>C23C 22 /-</u>	2023356678	2023325147
2023305102	2023323589	2023323589	2023324657	<u>E04B 1 /-</u>	<u>F02K 9 /-</u>
2023315864	2023396599	2023324299	<u>C25B 1 /-</u>	2023332321	2023365623
2023317678	<u>C12N 15 /-</u>	2023325054	2022471422	<u>E04C 3 /-</u>	
<u>C08L 63 /-</u>	2023301851	2023325157	2023305319		
2023384584	2023301851	2023325157	2023379054		
		2023338108	2023433484		
		2023396599			

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2023346205	2023308933	2023320032	2023307413	2023320609	2023308727
<u>F04B 43 /-</u>	<u>F23D 14 /-</u>	<u>F42B 10 /-</u>	<u>G01R 29 /-</u>	2023347428	<u>G06V 20 /-</u>
2023346205	2023357079	2023365623	2023307413	<u>G06F 30 /-</u>	2023308727
<u>F04B 47 /-</u>	<u>F23J 15 /-</u>	<u>G01B 11 /-</u>	<u>G01R 31 /-</u>	2023424193	2023314144
2023330123	2023324868	2023306104	2023408406	2024275715	2023321661
<u>F04B 53 /-</u>	<u>F23L 17 /-</u>	<u>G01C 11 /-</u>	2023436995	<u>G06N 10 /-</u>	2023332483
2023346205	2023382748	2023306104	<u>G01S 13 /-</u>	2023357793	2023424193
<u>F04C 18 /-</u>	<u>F23N 5 /-</u>	<u>G01G 19 /-</u>	2023333470	<u>G06N 20 /-</u>	<u>G06V 40 /-</u>
2022482243	2023357079	2023330002	<u>G01V 8 /-</u>	2023424193	2023308727
<u>F04C 25 /-</u>	<u>F24B 1 /-</u>	<u>G01H 11 /-</u>	2024297495	2024293707	2023314144
2022482243	2023333763	2023307413	<u>G02B 1 /-</u>	<u>G06N 3 /-</u>	<u>G07C 9 /-</u>
<u>F04C 29 /-</u>	<u>F24B 13 /-</u>	<u>G01J 3 /-</u>	2023343563	2023321890	2024306278
2022482243	2023333763	<u>G01J 3 /-</u>	<u>G02B 13 /-</u>	2023324756	<u>G07D 11 /-</u>
<u>F04D 13 /-</u>	<u>F24B 3 /-</u>	<u>G01M 17 /-</u>	2023323763	2023342940	2023340956
2023330123	2023333763	2022473864	2023331829	2023424193	<u>G07G 1 /-</u>
<u>F16B 2 /-</u>	<u>F24D 17 /-</u>	<u>G01N 1 /-</u>	<u>G02B 15 /-</u>	<u>G06N 5 /-</u>	2023332483
2023326042	2023325147	2022477867	2023323763	2023350706	<u>G07G 3 /-</u>
<u>F16B 9 /-</u>	<u>F24F 1 /-</u>	2023313116	<u>G02B 21 /-</u>	2023424193	2023332483
2023326042	2022476682	2023313524	<u>G02B 27 /-</u>	<u>G06N 7 /-</u>	<u>G08B 21 /-</u>
<u>F16K 17 /-</u>	<u>F24F 110 /-</u>	<u>G01N 21 /-</u>	2023358010	2023357793	2023329398
2023379046	2023327778	2023342940	<u>G02B 27 /-</u>	<u>G06Q 10 /-</u>	2024297495
<u>F16K 31 /-</u>	<u>F24F 13 /-</u>	<u>G01N 27 /-</u>	<u>G02B 3 /-</u>	2022477771	<u>G08B 25 /-</u>
2023330777	2022476682	2022473864	2023331829	2023326141	2024297495
<u>F16K 37 /-</u>	<u>F24S 20 /-</u>	<u>G01N 29 /-</u>	<u>G02B 6 /-</u>	2023330002	<u>G08B 5 /-</u>
2023330777	2023313378	2023307413	2023323688	2023345582	2024297495
<u>F16L 13 /-</u>	<u>F25B 1 /-</u>	<u>G01N 30 /-</u>	<u>G02B 9 /-</u>	2024293707	<u>G08G 5 /-</u>
2023424739	2022482584	2023333233	2023331829	<u>G06Q 20 /-</u>	2023321871
<u>F16L 25 /-</u>	<u>F25B 41 /-</u>	<u>G01N 33 /-</u>	<u>G02C 7 /-</u>	2023326210	<u>G10L 19 /-</u>
2024287290	2023330777	2023305322	2023323763	2023332483	2023305084
<u>F16L 37 /-</u>	<u>F25B 49 /-</u>	2023324299	<u>G05D 1 /-</u>	2023352705	2023306576
2024287290	2022482584	2023325134	2023323763	<u>G06Q 30 /-</u>	<u>G16B 15 /-</u>
<u>F16L 55 /-</u>	<u>F25D 25 /-</u>	2023335547	<u>G02C 7 /-</u>	2023345582	2023321890
2023305208	2022486101	<u>G01N 35 /-</u>	2023343563	<u>G06Q 50 /-</u>	<u>G16B 20 /-</u>
<u>F16M 11 /-</u>	<u>F27B 1 /-</u>	<u>G01N 37 /-</u>	2023435722	2024297495	2023321890
2023326042	2023331879	2022473864	<u>G05D 1 /-</u>	<u>G06T 1 /-</u>	<u>G16B 30 /-</u>
<u>F21V 23 /-</u>	<u>F28C 1 /-</u>	<u>G01R 19 /-</u>	2023326696	2023306104	2023321890
2023308933	2023320032	2023307413	2023326722	2023312385	<u>G16B 40 /-</u>
		2023408406	2023352924	<u>G06T 17 /-</u>	2023321890
			<u>G06F 16 /-</u>	2023306104	<u>G16B 5 /-</u>
			2023314144	<u>G06T 3 /-</u>	2023321890
			2023330710	2023321682	2023347505
			2023350706	<u>G06T 5 /-</u>	<u>G16H 20 /-</u>
			<u>G06F 21 /-</u>	2023321682	2023324756
			2023314144		
			2023326211		
			2023350706		

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		2023312385
<u>G16H 40 /-</u>	<u>H02J 50 /-</u>	<u>H04Q 11 /-</u>
2023337897	2023306880	2023324670
<u>G16H 50 /-</u>	<u>H02J 7 /-</u>	<u>H04R 1 /-</u>
2023316647	2023327296	2023326042
2023324756	<u>H02K 33 /-</u>	<u>H04R 9 /-</u>
<u>H01C 7 /-</u>	2023324789	2023326042
2022473447	<u>H02M 1 /-</u>	<u>H04S 7 /-</u>
<u>H01G 11 /-</u>	2023336870	2023305084
2023311768	<u>H02M 3 /-</u>	<u>H04W 24 /-</u>
<u>H01G 9 /-</u>	2023336870	2023313906
2023311768	<u>H02M 7 /-</u>	<u>H04W 36 /-</u>
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2023320609	<u>H02S 50 /-</u>	<u>H04W 4 /-</u>
<u>H01L 23 /-</u>	2023321682	2023349457
2023334992	<u>H03K 17 /-</u>	<u>H04W 72 /-</u>
<u>H01M 10 /-</u>	2023311096	2023319227
2022474932	<u>H03M 7 /-</u>	<u>H05B 45 /-</u>
2023312887	2023306576	2023308933
2023316256	<u>H04B 1 /-</u>	<u>H05B 47 /-</u>
2023333918	2023329398	2023308933
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2022474934	2022473465	<u>H05C 1 /-</u>
2023311768	2023321708	2022473447
2023333918	<u>H04L 5 /-</u>	<u>H05H 1 /-</u>
2023338892	2022473465	2023305319
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2022474930	<u>H04L 9 /-</u>	<u>H05K 1 /-</u>
2023326875	2023326210	2023357793
2023327296	2023326211	<u>H05K 7 /-</u>
2023333918	2023345582	2022476682
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2023315792	2023312385	2024287290
2023327164	<u>H04N 13 /-</u>	
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2022473447	<u>H04N 19 /-</u>	
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A61M 5/142 (2006.01)
F04B 53/16 (2006.01)
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F16J 15/16 (2006.01)
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E04H 12/22 (2006.01)
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E21B 7/02 (2006.01)
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F42D 1/08 (2006.01)
F42D 3/04 (2006.01)
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F25B 39/02 (2006.01)
F24F 13/20 (2006.01)
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F25J 1/00 (2006.01)
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A61M 5/168 (2006.01)
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G02B 21/24 (2006.01)
G06F 18/00 (2023.01)
G06T 7/00 (2017.01)
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B60R 11/04 (2006.01)
B60D 1/01 (2006.01)
B60D 1/36 (2006.01)
B60R 1/00 (2022.01)
B62D 53/08 (2006.01)
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C07D 487/04 (2006.01)
A61K 31/437 (2006.01)
A61K 31/5365 (2006.01)
A61P 35/00 (2006.01)
C07D 207/04 (2006.01)
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C25B 11/053 (2021.01)
C25B 9/19 (2021.01)
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A61K 47/24 (2006.01)
C07K 16/42 (2006.01)
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C07C 41/30 (2006.01)
A61P 17/00 (2006.01)
A61P 17/06 (2006.01)
A61P 35/00 (2006.01)
C07C 43/23 (2006.01)
C07C 51/367 (2006.01)
C07C 65/19 (2006.01)
C07C 201/12 (2006.01)
C07C 205/37 (2006.01)
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FOR MANUFACTURING SAME, AND
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A61L 27/30 (2006.01)
A61K 6/816 (2020.01)
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C02F 1/52 (2006.01)
B03D 1/14 (2006.01)
C01F 7/02 (2006.01)
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C01B 5/00 (2006.01)
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A61P 31/00 (2006.01)
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A61Q 5/00 (2006.01)
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A61L 27/04 (2006.01)
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A61K 31/196 (2006.01)
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G01M 9/06 (2006.01)
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B28B 1/00 (2006.01)
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F25D 11/00 (2006.01)
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A61P 25/18 (2006.01)
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C12N 5/10 (2006.01)
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E03B 3/02 (2006.01)
E04B 1/343 (2006.01)
E04B 2/72 (2006.01)
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A61L 27/54 (2006.01)
A61P 5/48 (2006.01)
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C07D 333/78 (2006.01)
A61P 35/00 (2006.01)
C07D 409/12 (2006.01)
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C07K 16/28 (2006.01)
A61K 39/395 (2006.01)
A61P 11/06 (2006.01)
A61P 19/02 (2006.01)
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C12N 15/13 (2006.01)
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B01D 29/54 (2006.01)
B01D 39/20 (2006.01)
B01J 8/04 (2006.01)
C10G 1/00 (2006.01)
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C10G 25/05 (2006.01)
C10G 65/12 (2006.01)
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A61K 9/19 (2006.01)
A61K 31/675 (2006.01)
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G01F 1/60 (2006.01)
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C25B 1/04 (2021.01)
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C25B 15/023 (2021.01)
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C25B 1/04 (2021.01)
C25B 9/23 (2021.01)
C25B 11/02 (2021.01)
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C25B 11/063 (2021.01)
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F03D 9/25 (2016.01)
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C04B 28/06 (2006.01)
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A61K 31/513 (2006.01)
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C10M 175/00 (2006.01)
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A61B 5/02 (2006.01)
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A61B 5/021 (2006.01)
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A61D 7/00 (2006.01)
F42B 5/145 (2006.01)

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F42B 8/14 (2006.01)
F42B 12/40 (2006.01)
F42B 12/46 (2006.01)
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H04M 3/42 (2006.01)
G06F 3/0481 (2013.01)
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H04L 51/06 (2022.01)
H04W 4/18 (2009.01)
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B31B 50/59 (2017.01)
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B31F 1/08 (2006.01)
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D21H 11/20 (2006.01)
D21H 17/00 (2006.01)
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G10L 21/04 (2013.01)
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H03M 7/30 (2006.01)
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A61K 39/235 (2006.01)
A61K 48/00 (2006.01)
C12N 7/00 (2006.01)
C12N 15/86 (2006.01)
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A61F 13/15 (2006.01)
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A61F 13/514 (2006.01)
A61F 13/84 (2006.01)
D02G 3/44 (2006.01)
D04B 1/00 (2006.01)
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F21L 4/02 (2006.01)
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F21V 23/04 (2006.01)
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H04N 23/56 (2023.01)
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H04B 1/66 (2006.01)
H04N 7/12 (2006.01)
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A01K 15/04 (2006.01)
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G06N 3/02 (2006.01)
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C12Q 1/6886 (2018.01)
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B29C 70/16 (2006.01)

B29C 70/50 (2006.01)
B32B 5/26 (2006.01)
B32B 27/12 (2006.01)
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A61K 31/454 (2006.01)
A61K 31/496 (2006.01)
A61K 31/5377 (2006.01)
A61P 3/00 (2006.01)
A61P 25/02 (2006.01)
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G01M 1/22 (2006.01)
G01M 13/028 (2019.01)
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F02D 41/22 (2006.01)

G01K 1/26 (2006.01)

G01M 15/09 (2006.01)

G05B 23/00 (2006.01)

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H10F 71/00 (2025.01)

H01L 21/22 (2006.01)

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A01D 41/12 (2006.01)

A01D 75/00 (2006.01)

A01F 12/42 (2006.01)

A01F 12/44 (2006.01)

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A61K 47/34 (2017.01)

A61L 27/18 (2006.01)

A61L 27/52 (2006.01)

A61L 31/14 (2006.01)

A61M 25/01 (2006.01)

A61N 7/02 (2006.01)

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A61P 3/00 (2006.01)
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G16H 50/50 (2018.01)
A61B 5/00 (2006.01)
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A61B 5/026 (2006.01)
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A61K 39/245 (2006.01)
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A61P 31/10 (2006.01)
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A23L 5/30 (2016.01)
A23L 33/105 (2016.01)
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F24C 15/20 (2006.01)
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E06C 1/12 (2006.01)
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(54) IMPROVED HIGH-DENSITY POLYETHYLENE MARINE BOOM
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B63B 35/62 (2006.01)
B63B 21/04 (2006.01)
B63B 22/00 (2006.01)
B63B 35/44 (2006.01)
E02B 15/04 (2006.01)
(87) WO2023/146557
(31) 63/303,217 (32) 26.01.22 (33) US
63/303,220 26.01.22 US
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63/303,232 26.01.22 US
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(74) Pizzys Patent and Trade Mark Attorneys Pty Ltd

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B63B 35/62 (2006.01)
B63B 21/04 (2006.01)
B63B 22/00 (2006.01)
B63B 35/44 (2006.01)

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neys Pty Ltd
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LLC
(11) AU-B-2023203478
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(54) System for removing per- and polyflu-
orinated alkyl substances from contam-
inated aqueous streams, via chemi-
cal aided filtration, and methods of use
thereof
(51) Int. Cl.
B01D 21/00 (2006.01)
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- (71)** Wuhan University of Science and Tech-
nology
(11) AU-B-2023226695
(21) 2023226695 **(22)** 06.09.2023
(54) METHOD FOR PREPARING HIGH
PURITY VANADIUM PENTOXIDE
FROM VANADIUM-BEARING SHALE
BY ALL-WET PROCESS
(51) Int. Cl.
C22B 3/44 (2006.01)
C22B 3/04 (2006.01)
C22B 3/20 (2006.01)
C22B 34/22 (2006.01)
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(43) 02.05.2024
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Tao; Xue, Nannan; Huang, Jing; Hu,
Pengcheng; Liu, Hong
(74) Madderns Pty Ltd
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- (71)** X4 Pharmaceuticals, Inc.
(11) AU-B-2019328530
(21) 2019328530 **(22)** 30.08.2019
(54) Compositions of CXCR4 inhibitors and
methods of preparation and use
(51) Int. Cl.
A61K 31/395 (2006.01)
A61K 45/06 (2006.01)
A61P 25/28 (2006.01)
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16/215,963 11.12.18 US
(43) 05.03.2020
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(72) BRANDS, Karel Marie Joseph
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- (71)** Xeris Pharmaceuticals, Inc.
(11) AU-B-2020284104
(21) 2020284104 **(22)** 29.05.2020
(54) Stable therapeutic compositions in
aprotic polar solvents and methods of
manufacturing the same
(51) Int. Cl.
A61K 9/00 (2006.01)
A61K 9/08 (2006.01)
A61K 38/26 (2006.01)
A61K 47/02 (2006.01)
A61K 47/20 (2006.01)
A61P 3/10 (2006.01)
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(43) 03.12.2020
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(74) Pizzeys Patent and Trade Mark Attor-
neys Pty Ltd
-
- (71)** XIAMEN HITHIUM ENERGY STOR-
AGE TECHNOLOGY CO., LTD.
(11) AU-B-2022463049
(21) 2022463049 **(22)** 30.12.2022
(54) CELL, BATTERY PACK, AND ELEC-
TRICITY-CONSUMPTION DEVICE
(51) Int. Cl.
H01M 10/0564 (2010.01)
H01M 10/05 (2010.01)
H01M 10/056 (2010.01)
H01M 10/0566 (2010.01)
H01M 10/0569 (2010.01)
(87) WO2024/073960
(31) 202211237137.X **(32)** 08.10.22 **(33)** CN
(43) 02.05.2024
(44) 27.02.2025
(72) ZHOU, Wenyang
(74) Madderns Pty Ltd
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- (71)** XUZHOU XCMG MINING MACHINERY
CO., LTD.
(11) AU-B-2021454863
(21) 2021454863 **(22)** 19.11.2021
(54) SAFETY LOCK PIN DEVICE FOR
WORKPIECE OVERTURNING, AND
WORKPIECE OVERTURNING SYS-
TEM
(51) Int. Cl.
F16B 19/02 (2006.01)
F16B 21/12 (2006.01)
(87) WO2023/279626
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Zhou; YAO, Xijiang; QIAO, Kuipu;
CHEN, Zhuo; TANG, Zhiming; DU,
Ning; ZHAO, Ming
(74) Madderns Pty Ltd
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- (71)** Yohana LLC
(11) AU-B-2024201427
(21) 2024201427 **(22)** 04.03.2024
(54) Automated tagging and management of
chat stream messages
-
- (51)** Int. Cl.
G06F 3/0481 (2022.01)
G06F 16/26 (2019.01)
G06N 3/08 (2023.01)
G06Q 10/06 (2023.01)
G06Q 10/10 (2023.01)
G06F 9/46 (2006.01)
G06F 16/31 (2019.01)
H04L 51/18 (2022.01)
(43) 21.03.2024
(44) 27.02.2025
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(72) MATSUOKA, Yoky; VISWANATHAN,
Nitin; LIU, Lingyun; DEMING, Ben-
jamin; PATERSON, Sean; VAN DER
LINDEN, Gwendolyn W.; BEAULIEU,
Malia; CIVELEKOGLU, Defne
(74) Spruson & Ferguson
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- (71)** Zensun (Shanghai) Science & Techno-
logy, Co., Ltd.
(11) AU-B-2021258063
(21) 2021258063 **(22)** 29.10.2021
(54) Methods and compositions of neureg-
ulins for preventing, treating or delaying
preserved ejection fraction cardiac fail-
ure
(51) Int. Cl.
A61K 38/18 (2006.01)
A61K 45/00 (2006.01)
A61P 9/04 (2006.01)
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(44) 27.02.2025
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(72) ZHOU, Mingdong
(74) FB Rice Pty Ltd
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- Zhejiang Jinko Solar Co., Ltd. see Jinko
Solar (Haining) Co., Ltd.**
(21) 2023203632
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- Zhejiang Jinko Solar Co., Ltd. see Jinko
Green Energy (Shanghai) Management
Co., LTD.**
(21) 2023203634
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- (71)** Zhejiang Jinko Solar Co., Ltd.; Jinko
Solar Co., Ltd.
(11) AU-B-2023206210
(21) 2023206210 **(22)** 20.07.2023
(54) SOLAR CELL, METHOD FOR MAN-
UFACTURING SOLAR CELL, AND
PHOTOVOLTAIC MODULE
(51) Int. Cl.
H10F 19/10 (2025.01)
(43) 10.08.2023
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Xinyu
(74) Madderns Pty Ltd
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- (71)** Zhejiang Risingsun Sunshading Tech-
nology Co., Ltd.
(11) AU-B-2023200023
(21) 2023200023 **(22)** 03.01.2023

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(54) ADJUSTABLE HEAD RAIL DEVICE OF CORDLESS ROLLER BLIND
 (51) Int. Cl.
E06B 9/40 (2006.01)
E06B 9/44 (2006.01)
E06B 9/60 (2006.01)
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E06B 9/80 (2006.01)
 (31) 202210712607.7 (32) 22.06.22 (33) CN
 (43) 18.01.2024
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 (72) WANG, Haiyan
 (74) MOHAN MURALI KODIVEL

(71) Zimmer, Inc.
 (11) AU-B-2024200118
 (21) 2024200118 (22) 09.01.2024
 (54) FEMORAL TRIAL HEAD
 (51) Int. Cl.
A61F 2/46 (2006.01)
A61F 2/36 (2006.01)
 (31) 63/439,233 (32) 16.01.23 (33) US
 (43) 01.08.2024
 (44) 27.02.2025
 (72) Leonard, Tory
 (74) PHILLIPS ORMONDE FITZPATRICK

(71) Zodiac Pool Care Europe
 (11) AU-B-2021232871
 (21) 2021232871 (22) 25.02.2021
 (54) Method of effecting lateral movement of an automatic pool cleaner along a surface of a swimming pool
 (51) Int. Cl.
E04H 4/16 (2006.01)
 (87) WO2021/183297
 (31) 62/987,146 (32) 09.03.20 (33) US
 (43) 16.09.2021
 (44) 27.02.2025
 (72) DUFFAUT, Simon; FLORIMOND, Benoit; MCQUEEN, E. Keith
 (74) FB Rice Pty Ltd

(71) Zodiac Pool Systems LLC
 (11) AU-B-2020257838
 (21) 2020257838 (22) 12.03.2020
 (54) Method of creating a desired temperature in swimming pools or spas
 (51) Int. Cl.
E04H 4/12 (2006.01)
 (87) WO2020/214289
 (31) 62/835,938 (32) 18.04.19 (33) US
 (43) 22.10.2020
 (44) 27.02.2025
 (72) GOLDMAN, David; HANSON, Tracy; HOLMQUIST, Jeff
 (74) FB Rice Pty Ltd

(71) Zodiac Pool Systems LLC
 (11) AU-B-2021233788
 (21) 2021233788 (22) 02.03.2021
 (54) Skimming devices and related methods
 (51) Int. Cl.
E04H 4/12 (2006.01)
E02B 15/10 (2006.01)
 (87) WO2021/183320
 (31) 62/987,158 (32) 09.03.20 (33) US

(43) 16.09.2021
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 (72) VAN DER MEIJDEN, Hendrikus Johannes; HURRE, David; BORG, Dustin; SCHUTTE, Andre
 (74) FB Rice Pty Ltd

(71) Zoetis Services LLC
 (11) AU-B-2020260415
 (21) 2020260415 (22) 27.10.2020
 (54) Vaccine against Bovine Viral Diarrhea Virus
 (51) Int. Cl.
C07K 14/08 (2006.01)
A61K 39/12 (2006.01)
A61K 39/39 (2006.01)
 (43) 26.11.2020
 (44) 27.02.2025
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 (74) Spruson & Ferguson

(71) ZTE Corporation
 (11) AU-B-2020246742
 (21) 2020246742 (22) 24.03.2020
 (54) Information transmission method and device, information determination method and device, signaling information transmission method and device, parameter acquisition method and device, and storage medium
 (51) Int. Cl.
H04L 1/18 (2006.01)
H04L 5/00 (2006.01)
H04W 72/04 (2009.01)
 (87) WO2020/192655
 (31) 201910245823.3 (32) 28.03.19 (33) CN
 (43) 01.10.2020
 (44) 27.02.2025
 (72) ZHANG, Shujuan; LU, Zhaohua; WANG, Xiyu; JIANG, Chuangxin; XIAO, Huahua; HE, Zhen
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) ZTE CORPORATION
 (11) AU-B-2022448783
 (21) 2022448783 (22) 23.03.2022
 (54) POLARIZATION SYNTHESIS FOR WIRELESS COMMUNICATION SYSTEMS
 (51) Int. Cl.
H04B 7/10 (2017.01)
 (87) WO2023/178549
 (43) 28.09.2023
 (44) 27.02.2025
 (72) CAO, Wei; ZHANG, Nan; HU, Linxi; CUI, Fangyu
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(71) ZTE CORPORATION
 (11) AU-B-2022463051
 (21) 2022463051 (22) 29.09.2022

(54) SOUNDING REFERENCE SIGNAL ENHANCEMENT
 (51) Int. Cl.
H04W 52/24 (2009.01)
H04W 52/18 (2009.01)
 (87) WO2024/065518
 (43) 11.04.2024
 (44) 27.02.2025
 (72) YAO, Ke; ZHANG, Shujuan; GAO, Bo; MEI, Meng
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

Numerical Index

2017384942	Joint Stock Company "BIOCAD"	2019202156	Manitou Italia S.r.l.
2018206356	Worg Pharmaceuticals (Zhejiang) Co., Ltd.	2019203791	PACCAR Inc
2018206481	Tesaro, Inc.	2019204072	Aristocrat Technologies Australia Pty Limited
2018207408	The Trustees of the University of Pennsylvania	2019204143	Howmedica Osteonics Corp.
2018209151	Ablynx NV	2019204294	Covidien LP
2018209333	Secretary of State for Health and Social Care	2019206009	RocketR Pty Ltd; Canstruct Pty Ltd
2018213397	The Board of Trustees of the Leland Stanford Junior University	2019208212	Welch Allyn, Inc.
2018213893	Glycotope GmbH	2019215797	The University of Melbourne
2018219320	Ortho-Clinical Diagnostics, Inc.	2019217217	Agmar Tools 2000 Limited
2018219864	Mayo Foundation for Medical Education and Research	2019218122	Seraxis, Inc.
2018219909	Regeneron Pharmaceuticals, Inc.	2019218558	Metalogenia Research & Technologies S.L.
2018221613	Cytiva BioProcess R&D AB	2019219801	Thomas Moloney Pty Limited
2018223211	The University of Adelaide	2019226392	Fundación Para La Investigación Biomédica Del Hospital Gregorio Marañón
2018224095	Amgen Inc.	2019228339	ECS-Progastrin SA
2018238540	Sanofi	2019228529	Seraxis, Inc.
2018240556	Lentigen Technology, Inc.; The U.S.A., as represented by the secretary Department of Health and Human Services	2019230453	Vonhof, A.
2018247208	Technofast Industries Pty Ltd	2019230454	SYSTEMS Pty Ltd
2018247501	Regeneron Pharmaceuticals, Inc.	2019234828	Hibercell, Inc.; The Trustees of the University of Pennsylvania
2018256412	Seattle Children's Hospital (dba Seattle Children's Research Institute)	2019236300	Tulavi Therapeutics, Inc.
2018269304	Hamlet Pharma AB	2019237198	Hymeth ApS
2018269377	BPGbio, Inc.	2019238331	DSG Technology Holdings Ltd.
2018275891	Juno Therapeutics, Inc.	2019239671	Komipharm International Australia Pty Ltd; Panaphix Inc.
2018276409	Boehringer Ingelheim International GmbH	2019239675	Caroma Industries Limited
2018288803	TeneoOne, Inc.	2019239737	HMJ Medical LLC
2018288852	Amgen Inc.	2019241458	Laminaria Group AB
2018300069	Synthorx, Inc.; The Scripps Research Institute	2019242465	Fujitsu General Limited
2018301393	Compass Therapeutics LLC	2019244423	Vertice Oil Tools, Inc.
2018303249	Fundació Hospital Universitari Vall d'hebron - Institut de Recerca	2019244942	Milanese, P.
2018304194	Spark Therapeutics, Inc.	2019249244	Solenis Technologies, L.P.
2018307610	Regeneron Pharmaceuticals, Inc.	2019254483	Merck Patent GmbH
2018313794	Fremonta Corporation	2019255539	The Regents of the University of California
2018318695	Avalon Polytom (HK) Limited	2019255622	The University of Vermont and State Agriculture College
2018329882	Otsuka Pharmaceutical Factory, Inc.	2019256695	The Texas A & M University System
2018337672	Deutsches Krebsforschungszentrum	2019258591	Sealasash Window Renewal System Pty Ltd
2018340557	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2019258820	Boehringer Ingelheim International GmbH
2018344761	Geneseq Pty Ltd	2019259912	Geza Ad Ltd.
2018345493	Toko Yakuhin Kogyo Co., Ltd.; Tokyo Metropolitan Institute of Medical Science; Japan as represented by Director General of National Institute of Infectious Diseases; Kagoshima University; National University Corporation Ehime University	2019261640	Millennium Pharmaceuticals, Inc.
2018348929	Novo Nordisk A/S	2019261722	The Boeing Company
2018351528	Research Institute at Nationwide Children's Hospital	2019261934	Kreg Enterprises, Inc.
2018367674	Renovion, Inc.	2019262216	Dexcom, Inc.
2018368639	TOLREMO therapeutics AG	2019262972	Incept, LLC
2018371271	Purdue Pharma L.P.	2019263111	Johnson & Johnson Consumer Inc.
2018378200	The United States of America, as represented by the Secretary, Department of Health and Human Services	2019263176	The Trustees of Indiana University
2018379236	Intravacc B.V.	2019263295	DexCom, Inc.
2018380806	SweTree Technologies AB	2019264543	Steiner AG Weggis
2018383015	Innovacell Biotechnologie AG	2019265004	Brickell Biotech, Inc.
2018388850	Livestock Improvement Corporation Limited	2019265307	RAM Lifting Technologies Pte. Ltd.
2018389100	Cornell University	2019265907	Rhodes Technologies
2018394426	Aposense Ltd.	2019266357	Mineral Carbonation International Pty Ltd
2018410849	Leidos, Inc.	2019269118	Autolus Limited
2018414993	DASH Engineering Pty Ltd	2019269210	MIMedx Group, Inc.
2018422401	TT Tooth Transformer S.R.L.	2019270193	Bard Peripheral Vascular, Inc.
2018428606	NUSEED NUTRITIONAL US INC.	2019270429	COATES, K.
2018428608	NUSEED NUTRITIONAL US INC.	2019270635	Ruth Consolidated Industries Pty Limited
2018453912	Halliburton Energy Services, Inc.	2019271073	Haldor Topsøe A/S
2019201541	Temperzone Limited	2019271999	Kastning, S.R.; McDougall-Kastning, C.D.
2019201648	DePuy Ireland Unlimited Company	2019272780	Stryker Corporation
		2019272871	ADS Therapeutics LLC
		2019275647	Deere & Company
		2019275957	Lewis, I.; Gregson, D.; Groves, R.
		2019279873	Jetoptera, Inc.
		2019279905	A. Finkl & Sons Co.
		2019280067	The Boeing Company
		2019280980	Ovid Therapeutics Inc.

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2019282381	L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude	2019377056	Corteva Agriscience LLC
2019282832	LITTLE GIANT LADDER SYSTEMS, LLC	2019377410	Corteva Agriscience LLC
2019283457	Fisher & Paykel Healthcare Limited	2019379706	Jiangsu Hengrui Medicine Co., Ltd.
2019283844	BRITAX RÖMER Kindersicherheit GmbH	2019379759	Louwer-Lite Limited
2019284131	Dometic Sweden AB	2019381793	The Research Foundation for the State University of New York
2019284229	Clearwater Seafoods Limited Partnership	2019383344	Anduril Industries, Inc.
2019284621	Dermata Therapeutics, LLC	2019383363	NCH Corporation
2019285372	The University of Queensland; Dugalunji Aboriginal Corporation	2019387431	CardioMech AS
2019285850	Bridgestone Corporation	2019387434	CardioMech AS
2019290401	Shockwave Medical, Inc.	2019387716	Subsea 7 do Brasil Servicos Ltda
2019291582	Inner Cosmos Inc.	2019388733	Lindsay Corporation
2019291760	Kimberly-Clark Worldwide, Inc.	2019391229	Diadora S.P.A.
2019291784	Solenis Technologies, L.P.	2019392389	Landis+Gyr Technology, Inc.
2019294154	PepsiCo, Inc.	2019392611	Société des Produits Nestlé S.A.
2019294200	Depuy Ireland Unlimited Company	2019393742	Microsoft Technology Licensing, LLC
2019296099	Baoshan Iron & Steel Co., Ltd.	2019394086	Tillotts Pharma AG
2019297128	DePuy Synthes Products, Inc.	2019394176	Byotrol Limited
2019297153	Translational Research Institute Pty Ltd	2019394740	Tillotts Pharma AG
2019298399	Sumitomo Chemical Company, Limited	2019394855	Tien, D.
2019299352	Les Laboratoires Servier	2019395255	Dana-Farber Cancer Institute, Inc.
2019304522	Association Institut De Myologie; INSERM (Institut National de la Santé et de la Recherche Médicale); Sorbonne Université	2019395802	Aquaporin A/S
2019305055	University of Louisville Research Foundation, Inc.	2019395841	MorphoSys AG
2019308882	DEME Offshore BE N.V.	2019396393	Electrolux Appliances Aktiebolag
2019309438	ETH Zürich	2019397122	Koninklijke Douwe Egberts B.V.
2019309673	Ojjo, Inc.	2019397593	Fisher & Paykel Healthcare Limited
2019309913	Trevi Therapeutics, Inc.	2019398104	Climate LLC
2019310648	L2U Group Pty Ltd	2019398306	Technische Universität Bergakademie Freiberg; HAVER ENGINEERING GmbH
2019310742	Sanofi	2019400903	CTFI
2019311225	DEME Offshore BE N.V.	2019400988	Subsea 7 do Brasil Servicos Ltda
2019313159	Lactamo Holdings Pty Ltd	2019406176	Sionic Energy, Inc.
2019313271	Revvity Health Sciences, Inc.	2019407111	Essilor International
2019315406	Geron Corporation	2019409518	Société des Produits Nestlé S.A.
2019316497	Martin, C.	2019414251	Toray Industries, Inc.
2019316998	Toray Industries, Inc.	2019414994	Subsea 7 Limited
2019317625	Aclaris Therapeutics, Inc.	2019416045	Avent, Inc.
2019319953	Bellerophon Therapeutics	2019416046	Avent, Inc.
2019322863	Neurocrine Biosciences, Inc.	2019416218	Eaton Intelligent Power Limited
2019324949	Newcrest Mining Limited	2019417418	Nexys Therapeutics, Inc.
2019326525	Minerva Neurosciences, Inc.	2019418434	Becton, Dickinson and Company
2019328513	Metso Outotec Finland Oy	2019419948	Turun yliopisto
2019328530	X4 Pharmaceuticals, Inc.	2019427781	Halliburton Energy Services, Inc.
2019330008	Iota Biosciences, Inc.	2019429303	Takagi Kogyosho Co., Ltd.
2019336799	R.P. Scherer Technologies, LLC	2019443517	Halliburton Energy Services, Inc.
2019337097	Alerje, Inc.	2019445348	KONE Corporation
2019337456	The Secretary of State for Defence; The University of Strathclyde	2019445424	Thulin, C.
2019337989	Solenis Technologies Cayman, L.P.	2019445979	Board of Regents, The University of Texas System
2019338169	Huntsman International LLC	2019446285	MegaPro Biomedical Co. Ltd.
2019338669	H2VR HoldCo, Inc.	2019450666	Material Technology Innovations Co., Ltd.
2019344086	Oxford University Innovation Limited	2019452220	Johnson & Johnson GmbH
2019344903	Organovo, Inc.	2019452936	Excelmab Inc.
2019346585	Astrocyte Pharmaceuticals, Inc.	2019458295	Medlogical Innovations Pty Ltd
2019349858	Splash About International Limited	2019469991	Halliburton Energy Services, Inc.
2019350480	Coloplast A/S	2020201116	Hako GmbH
2019350714	Kimberly-Clark Worldwide, Inc.	2020201296	Hitachi Energy Ltd
2019360097	CareFusion 303, Inc.	2020201534	Graeme, D.
2019360941	Takeda Pharmaceutical Company Limited	2020202309	The Raymond Corporation
2019361176	Pittsburgh Corning Europe NV	2020202698	Commonwealth Scientific and Industrial Research Organisation
2019362848	Duke University	2020202862	Britax Römer Kindersicherheit GmbH
2019364367	Regeneron Pharmaceuticals, Inc.	2020203571	The Boeing Company
2019367508	Osaka University; Teijin Nakashima Medical Co., Ltd.	2020205674	2291447 Ontario Inc.
2019368247	Board of Regents of the University of Nebraska	2020206018	Social Media Emotions S.r.l.; Dal Bosco, N.
2019368654	iOmx Therapeutics AG	2020210906	Bedgear, LLC
2019369224	Arxada AG	2020211303	Akribes Biomedical GmbH
2019370154	Hologic, Inc.	2020211958	Encore Medical, L.P. (d/b/a DJO Surgical)
2019371072	Oxford University Innovation Limited	2020214283	Liebherr-Mining Equipment Colmar SAS
2019374051	Luca, V.	2020215176	Aragon Pharmaceuticals, Inc.
2019375944	Corteva Agriscience LLC	2020216089	Caterpillar Inc.
		2020216298	Smart Tools Plus, LLC
		2020217543	SKF Recondoil AB

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2020218186	The Blossman Companies, Inc.	2020359327	Halliburton Energy Services, Inc.
2020218488	Google LLC	2020365520	BP Exploration Operating Company Limited
2020218777	Butler, W.	2020365569	Metallux SA
2020219945	SubSea Craft Limited	2020370160	Illumina, Inc.
2020220259	Werkhaus GmbH & Co. KG	2020377978	Halliburton Energy Services, Inc.
2020220398	SOM Innovation Biotech, S.A.	2020378581	Moovement Holding B.V.
2020220554	Reckitt Benckiser Health Limited	2020392157	Novmetapharma Co., Ltd.
2020220880	Guala Pack S.p.A.	2020407872	Halliburton Energy Services, Inc.
2020221491	Ascendis Pharma Bone Diseases A/S	2020415711	Kynan Duke IP, LLC
2020222407	Pultrusion Technique Inc.	2020425255	Asahi Group Holdings, Ltd.; Asahi Breweries, Ltd.
2020223047	Edwards Lifesciences Corporation	2020426066	Halliburton Energy Services, Inc.
2020223508	Coloplast A/S	2020426342	Halliburton Energy Services, Inc.
2020223891	Novatiq Technologies Limited	2020430091	Raytheon Company
2020225039	Exel Industries	2020451875	Babu, K.R.
2020226528	Chevron U.S.A. Inc.	2020458418	Sumitomo SHI FW Energia Oy
2020226725	Hymeth ApS	2020480182	SICHUAN CREDIT PHARMACEUTICAL CO., LTD
2020226893	Marengo Therapeutics, Inc.	2021209070	Thunderzee Industry Co., Ltd.
2020227203	Doka GmbH	2021211371	Streamlight, Inc.
2020227258	MyEnergi Ltd	2021212059	Biogen MA Inc.
2020227613	Retein AB	2021212177	Burndy, LLC
2020228514	Taiho Pharmaceutical Co., Ltd.	2021213192	American Sterilizer Company
2020229386	Smartvet Pty Ltd	2021221591	Austworld Commodities Pty Ltd
2020229714	Taiho Pharmaceutical Co., Ltd.	2021223658	Kwik-Zip Pty Ltd
2020230900	Deere & Company	2021224899	Gilgamesh Pharmaceuticals, Inc.
2020233370	Novus International Inc.	2021225770	Medivators Inc.
2020238616	The University of Melbourne	2021226330	Ab Initio Technology LLC
2020242884	Sandvik Mining and Construction Tools AB	2021232212	Noetic Technologies Inc.
2020244281	Acergy France SAS	2021232660	HOOKIPA Biotech GmbH
2020245353	Landis+Gyr Technology, Inc.	2021232871	Zodiac Pool Care Europe
2020246726	Sharp Kabushiki Kaisha; FG Innovation Company Limited	2021233788	Zodiac Pool Systems LLC
2020246742	ZTE Corporation	2021236009	Sirio Healthcare (Anhui) Co., Ltd
2020249436	Putzmeister Engineering GmbH	2021238919	Coral Tools Limited
2020249807	SiSaf Limited	2021240303	Regeneron Pharmaceuticals, Inc.
2020250061	Maintech Co., Ltd.	2021245177	Genzyme Corporation
2020252381	Vertex Pharmaceuticals Incorporated	2021245316	Syngenta Crop Protection AG; Institut National de Recherche pour l'Agriculture, l'Alimentation et l'Environnement; Université Cote d'Azur; Centre National de la Recherche Scientifique
2020253049	ASSA ABLOY Entrance Systems AB	2021250843	Novartis AG
2020255706	Taipei Medical University	2021255445	SHANGHAIMABGEEKBIOTECH.CO., LTD.
2020256911	3DM Biomedical Pty Ltd	2021256894	Regeneron Pharmaceuticals, Inc.; Vyriad, Inc.
2020257146	Te Pari Products Limited	2021257149	Amyloid Solution Inc.
2020257568	Cellicon B.V.	2021257963	CytomX Therapeutics, Inc.
2020257838	Zodiac Pool Systems LLC	2021257983	MedImmune Limited
2020258375	Circinus Medical Technology LLC	2021258007	Children's Hospital Medical Center
2020258508	Pulse NeedleFree Systems, Inc.; Otsuka Pharmaceutical Co., Ltd.	2021258063	Zensun (Shanghai) Science & Technology, Co., Ltd.
2020260415	Zoetis Services LLC	2021269453	Rani Therapeutics, LLC
2020260969	Brady Worldwide, Inc.	2021270755	Bis Science, LLC
2020267202	Lockheed Martin Corporation	2021282182	Schlage Lock Company LLC
2020268107	InsituGen Limited	2021282244	Ray, S.; Chang, K.
2020271767	University of Miami; Stem Synergy Therapeutics, Inc	2021284682	Hung, M.
2020273479	SynAct Pharma ApS	2021286255	University of Sydney; Western Sydney Local Health District; The Westmead Institute for Medical Research; New South Wales Health Pathology Institute of Clinical Pathology and Medical Research (ICPMR)
2020276036	Shipshave AS	2021297503	LG ELECTRONICS INC.
2020276338	QOL Holdings Pty Ltd	2021305164	Simpson Strong-Tie Company Inc.
2020276380	Pierre Fabre Dermo-Cosmetique	2021311894	3H Bio. Co., Ltd.
2020277304	Pavmed Inc.	2021312637	Noniashvili, A.
2020282371	BHE Turbomachinery, LLC	2021313607	Prok Conveyor Components Pty Ltd
2020283771	MedStar Health, Inc.	2021315366	LG Chem, Ltd.
2020284017	Vanderbilt University	2021320738	Kenyon International, Inc.
2020284104	Xeris Pharmaceuticals, Inc.	2021329442	Third Equation Ltd
2020289563	Regeneron Pharmaceuticals, Inc.	2021334268	SUMITOMO METAL MINING CO., LTD.
2020290577	Hollister Incorporated	2021339606	CHANGCHUN GENESCENCE PHARMACEUTICAL CO., LTD.
2020292295	MSG Entertainment Group, LLC.; HOLOPLOT GmbH	2021339838	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE
2020295992	Boston Scientific Scimed, Inc.	2021341745	STRYKER EUROPEAN OPERATIONS LIMITED
2020296851	Savant Systems, Inc.	2021345164	Furukawa Electric Co.,Ltd.
2020300960	Raytheon Company		
2020306024	PassPort Technologies, Inc.		
2020307364	Halliburton Energy Services, Inc.		
2020319634	Georgia Tech Research Corporation		
2020321128	Peloton Interactive, Inc.		
2020324859	Microsoft Technology Licensing, LLC		
2020337093	Kashiv BioSciences, LLC		
2020350161	Sonitor Technologies AS		

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2021346619	SHANGHAI QUICKTRON INTELLIGENT TECHNOLOGY CO., LTD	2022221288	AMERICAN STERILIZER COMPANY
2021350111	The Procter & Gamble Company	2022221388	Forescout Technologies, Inc.
2021356404	CCTEG BEIJING TIANMA INTELLIGENT CONTROL TECHNOLOGY CO., LTD.; BEIJING CCRI-TIANMA AUTOMATION TECHNOLOGY CO., LTD.	2022222333	OCADO INNOVATION LIMITED
2021358865	CORNING RESEARCH & DEVELOPMENT CORPORATION	2022224835	Chuang-Kang Machinery Technology Co., Ltd.
2021366423	PFIZER INC.	2022227066	SHANGHAI JEMINCARE PHARMACEUTICALS CO., LTD; JIANGXI JEMINCARE GROUP CO., LTD
2021367870	ILLINOIS TOOL WORKS INC.	2022229782	CORNING RESEARCH & DEVELOPMENT CORPORATION
2021368230	WEIR MINERALS AUSTRALIA LTD	2022230685	SYNGENTA CROP PROTECTION AG
2021368618	RESVERLOGIX CORP.	2022231709	i-SENS, Inc.
2021369204	Bonafide Health, LLC d/b/a Uqora	2022232927	RIGEL PHARMACEUTICALS, INC.
2021380127	DUSTOSS LTD.	2022235543	Ocado Innovation Limited
2021385552	INSULET CORPORATION	2022238292	NELSON IRRIGATION CORPORATION
2021391313	EZ-FLO INJECTION SYSTEMS, INC.	2022241526	Transportation IP Holdings, LLC
2021392316	INOVOBIOLOGIC, INC.	2022242514	NTT COMMUNICATIONS CORPORATION
2021394197	GOLDWIND SCIENCE & TECHNOLOGY CO., LTD.	2022242772	BOREALIS AG
2021396239	ALPHATEC SPINE, INC.	2022242994	BOSTON SCIENTIFIC SCIMED, INC.
2021399257	RUSSO, G.E.M.F.	2022245283	BOREALIS AG
2021401184	KYOCERA CORPORATION	2022246434	Probiotech LLC
2021404408	DX TECH PTY LTD	2022248100	FUJITSU GENERAL LIMITED
2021407922	FOSHAN ACXEL BOXIN TECH CO., LTD	2022253353	BAMBINO PREZIOSO SWITZERLAND AG
2021411776	HINGE HEALTH, INC.	2022255899	SIEMENS GAMESA RENEWABLE ENERGY A/S
2021413748	LIVEPERSON, INC.	2022256174	Ferring Microbiome Inc.
2021413867	ACADEMIA SINICA	2022256199	F. Hoffmann-La Roche AG
2021415218	Sierra Valve LLC	2022258004	W. L. GORE & ASSOCIATES, INC.
2021417645	HUAWEI TECHNOLOGIES CO., LTD.	2022258350	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2021417861	CARL FREUDENBERG KG	2022258537	BERKER GMBH & CO. KG
2021419641	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	2022258933	FIZE MEDICAL LTD.
2021426006	SUNGROW POWER SUPPLY CO., LTD.	2022260387	INVENTIO AG
2021438015	HUAWEI TECHNOLOGIES CO., LTD.	2022262205	MENEGHINI, T.
2021440154	Oklahoma Medical Research Foundation	2022263579	Climate LLC
2021447276	FUJITSU LIMITED	2022264961	BERNARD MCCARTNEY LIMITED
2021449575	CJ CHEILJEDANG CORPORATION	2022267431	QINGDAO HAIER REFRIGERATOR CO., LTD; HAIER SMART HOME CO., LTD.
2021453427	SEKISUI HOUSE, LTD.	2022270849	ALFA LAVAL CORPORATE AB
2021454863	XUZHOU XCMG MINING MACHINERY CO., LTD.	2022271540	JUMBO DRUG BANK CO., LTD.
2021460876	DEEPCURE INC.	2022271829	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
2021478659	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2022272979	COLGATE-PALMOLIVE COMPANY
2021479092	KABUSHIKI KAISHA TOSHIBA; TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	2022275159	Hanwha Corporation
2022200326	Papivax Biotech Inc.	2022275443	LactaLogics, Inc.
2022201447	The Brigham and Women's Hospital, Inc.	2022275468	Lone Gull Holdings, Ltd.
2022201907	Cornell University	2022275835	BARD ACCESS SYSTEMS, INC.
2022202393	Sarepta Therapeutics, Inc.	2022279501	Stryker Corporation
2022203184	Garvan Institute of Medical Research	2022279657	KOOLLOGIX PTE. LTD.
2022203266	The Johns Hopkins University	2022281584	BYD COMPANY LIMITED
2022203302	Suntory Holdings Limited	2022283734	Abbott Diabetes Care Inc.
2022203731	Université Catholique De Louvain; Wageningen Universiteit	2022283760	Amgen Inc.
2022203759	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2022285112	OCADO INNOVATION LIMITED
2022203762	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College	2022286984	HUAWEI TECHNOLOGIES CO., LTD.
2022203763	The Broad Institute, Inc.; Massachusetts Institute of Technology; President and Fellows of Harvard College; The Rockefeller University	2022287540	The Regents of The University of Colorado, a body corporate
2022203878	Bharat Biotech International Limited	2022287608	Applied Medical Resources Corporation
2022204199	Genzyme Corporation	2022287786	JFE STEEL CORPORATION
2022204576	North Carolina State University	2022289535	MITSUBISHI HEAVY INDUSTRIES, LTD.
2022204618	Forty Seven, LLC	2022290368	MSAID GMBH
2022205170	Autolus Limited	2022291455	Insulet Corporation
2022206514	HUAWEI TECHNOLOGIES CO., LTD.	2022291459	Designworks Defence Systems Pty Ltd
2022207683	EJ EMEA	2022291466	Fisher & Paykel Healthcare Limited
2022208124	ALLITE (JIANGSU) MAGNESIUM TECHNOLOGY CO., LTD.	2022291590	Fisher & Paykel Healthcare Limited
2022218413	HUAWEI TECHNOLOGIES CO., LTD.	2022291618	Nanjing Anji Biological Technology Co., Ltd.
2022218478	CSL Behring Gene Therapy, Inc.	2022291637	Crown Equipment Corporation
2022218524	Incube Labs, LLC	2022303160	SHELL INTERNATIONALE RESEARCH MAATSCHAP-PIJ B.V.
2022218591	Cardioguidance Biomedical, LLC	2022303881	BYD COMPANY LIMITED
2022219947	SCHLAGE LOCK COMPANY LLC	2022310612	FUJIKURA LTD.
		2022311032	CRANE PAYMENT INNOVATIONS, INC.
		2022314871	SIEMENS ENERGY GLOBAL GMBH & CO. KG
		2022317127	NANTCELL, INC.
		2022317931	HEFEI HAIER REFRIGERATOR CO.,LTD; QINGDAO HAIER REFRIGERATOR CO., LTD.; HAIER SMART HOME CO., LTD.

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2022321803	SIEMENS ENERGY GLOBAL GMBH & CO. KG	2023203632	Jinko Solar (Haining) Co., Ltd.; Zhejiang Jinko Solar Co., Ltd.
2022321857	SIEMENS AKTIENGESSELLSCHAFT	2023203634	Jinko Green Energy (Shanghai) Management Co., LTD.; Zhejiang Jinko Solar Co., Ltd.
2022338576	LONGI GREEN ENERGY TECHNOLOGY CO., LTD.	2023203638	Tencent America LLC
2022339492	PUREWICK CORPORATION	2023203746	ResMed Pty Ltd
2022339721	TAIRX, INC.	2023203753	Tencent America LLC
2022340841	SYNGENTA CROP PROTECTION AG	2023203915	Tencent America LLC
2022346759	COLGATE-PALMOLIVE COMPANY	2023204212	Safariland, LLC
2022350044	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.	2023204628	SaNOTize Research and Development Corp.
2022350417	BYD COMPANY LIMITED	2023204687	Ishida Co., Ltd.
2022357768	GC CORPORATION	2023206085	Tritana Intellectual Property Ltd.
2022379495	HOWMEDICA OSTEONICS CORP.	2023206103	CPI Card Group - Colorado, INC.
2022379528	BOSTON SCIENTIFIC SCIMED, INC.	2023206210	Zhejiang Jinko Solar Co., Ltd.; Jinko Solar Co., Ltd.
2022382441	MITSUBISHI KAKOKI KAISHA, LTD.	2023206234	GeoRoc International, Inc.
2022393513	BOSTON SCIENTIFIC SCIMED INC.	2023207182	BEIJING SANKUAI ONLINE TECHNOLOGY CO., LTD.
2022400779	SCHLAPIK, K.D.	2023208109	SelectImmune Pharma AB
2022406778	REXNORD INDUSTRIES, LLC	2023210036	CONEX IPR LIMITED
2022409575	DANFOSS A/S	2023210634	Sika Technology AG; De Cavis AG
2022419322	OJMAR, S.A.	2023216750	California Institute of Technology
2022436869	WORTHINGTON PRODUCTS INCORPORATED	2023216771	Nextracker LLC
2022438259	WORTHINGTON PRODUCTS INCORPORATED	2023216881	Alerje, Inc.
2022439903	NGK INSULATORS, LTD.	2023219968	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2022448783	ZTE CORPORATION	2023221721	INTENZE PRODUCTS INC.
2022463049	XIAMEN HITHIUM ENERGY STORAGE TECHNOLOGY CO., LTD.	2023222822	Nokia Technologies Oy
2022463051	ZTE CORPORATION	2023222827	Benitec IP Holdings Inc.
2022491538	GUANGZHOU JOYSON CLEANING PRODUCTS CO., LTD.	2023222867	EI Charkaoui, F.
2023200023	Zhejiang Risingsun Sunshading Technology Co., Ltd.	2023222884	JOST-Werke Deutschland GmbH
2023200330	Sustain Holdings, LLC	2023223007	Equifax Inc.
2023200393	China National Rice Research Institute	2023226663	Kabushiki Kaisha Toshiba; Toshiba Energy Systems & Solutions Corporation
2023200449	K2M, Inc.	2023226674	Asian Prime Sources Limited
2023200537	Orbus Therapeutics, Inc.	2023226695	Wuhan University of Science and Technology
2023200633	Sharp Kabushiki Kaisha	2023226696	Synova Life Sciences, Inc.
2023200651	Fisher & Paykel Healthcare Limited	2023229602	Terra Quantum AG
2023200686	FISHER & PAYKEL HEALTHCARE LIMITED	2023233175	APPLE INC.
2023200714	Fisher & Paykel Healthcare Limited	2023237098	Resnent, LLC
2023200735	Dejero Labs Inc.	2023248131	West Pharma. Services IL, Ltd.
2023200905	Polaris Industries Inc.	2023248174	Becton, Dickinson and Company
2023200943	Fisher & Paykel Healthcare Limited	2023248316	AIM INTELLIGENT MACHINES, INC.
2023201120	Universität Heidelberg	2023248329	EAGLE TECHNOLOGIES, LLC
2023201264	BASF Agro B.V.	2023251479	Petroleum Technology Company AS
2023201297	RAI Strategic Holdings, Inc.	2023254345	DORMAKABA SCHWEIZ AG
2023201324	IHI Corporation	2023254951	Google LLC
2023201455	Eagle View Technologies, Inc.	2023255053	Alcon Inc.
2023201514	Dexcom, Inc.	2023255334	HARRIS, C.
2023201572	Esculon, LLC	2023258340	Derrick Corporation
2023201577	Snap-on Incorporated	2023258404	Synergie Medicale Brg Inc.
2023201617	Invuity, Inc.	2023263494	Getac Technology Corporation
2023201639	The Trustees of Dartmouth College	2023263523	JINKO SOLAR (HAINING) CO., LTD.; JIANGSU SANJO INTELLIGENT TECHNOLOGY CO., LTD.
2023201651	Translate Bio, Inc.	2023265966	Syedain, Z.; Tranquillo, R.
2023201944	Verily Life Sciences LLC	2023266221	Kabushiki Kaisha Toshiba
2023201974	BlueScope Steel Limited	2023266230	Toshiba Energy Systems & Solutions Corporation
2023202188	HERCULES PROJECT COMPANY LLC	2023270294	Ab Initio Technology LLC
2023202373	Komatsu Ltd.; Toyota Jidosha Kabushiki Kaisha	2023274205	Vetanda Korea Limited
2023202620	Olema Pharmaceuticals, Inc.	2023278020	Chengdu Drifting Island Outdoor Co., Ltd
2023202695	Boston Scientific Scimed, Inc.	2023278119	Vawdrey Australia Pty. Ltd.
2023202706	Nokia Technologies Oy	2023296433	BEIJING ZITIAO NETWORK TECHNOLOGY CO., LTD.
2023202802	Schneider Electric USA, Inc.	2023317427	ELC MANAGEMENT LLC
2023202810	Werner Co.	2023322391	SARTORIUS STEDIM NORTH AMERICA INC.,
2023202866	Select Water Tanks Pty Ltd	2023414163	KAO CORPORATION
2023202885	Amgen Inc.	2024200032	The Regents of the University of Colorado, a body corporate; Alcon, Inc.
2023202895	Porex Corporation	2024200051	Apple Inc.
2023202958	NOWDiagnostics, Inc.	2024200087	Fiserv, Inc.
2023202976	Dexcom, Inc.	2024200118	Zimmer, Inc.
2023203028	Sage Therapeutics, Inc.	2024200230	Sensile Medical AG
2023203234	Intuit Inc.	2024200231	Sensile Medical AG
2023203246	Auspex Pharmaceuticals, Inc.	2024200233	Avadain, LLC
2023203351	Fuzhou University; Fujian Provincial Transportation Planning and Design Institute Co., Ltd.	2024200409	Fujikura Ltd.
2023203449	Tencent America LLC		
2023203478	WP&E Technologies and Solutions, LLC		

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2024200425	ModernaTX, Inc.
2024200658	The Cleveland Clinic Foundation
2024200692	Tritana Intellectual Property Ltd.
2024200903	Sony Corporation
2024201137	Primewan Limited
2024201217	Advanced Accelerator Applications SA
2024201427	Yohana LLC
2024201454	Salts Healthcare Limited
2024201618	GOOGLE LLC
2024202255	Nomad Tackle Pty Ltd
2024202335	Covenant Eyes, Inc.
2024202447	POVIVA CORP .
2024202560	Ethicon, Inc.
2024203101	JIANG DONG FITTINGS EQUIPMENT CO., LTD.; Ji- angsu Zhongtian Technology Co., Ltd.
2024204864	Trina Solar Co., Ltd.
2024205379	Itron, Inc.
2024205605	GUANGZHOU JOYSON CLEANING PRODUCTS CO., LTD.
2024216432	Trina Solar Co., Ltd.; Trina Solar (Suqian) Photoelectric Co., Ltd.
2024219405	TRINA SOLAR CO., LTD.
2024227259	Aqua Mould Systems NZ Limited
2024229885	STROKEDX, INC.
2024241580	IING CO., LTD.
2024270638	LINEAGE LOGISTICS, LLC
2024278096	Matterport, Inc.
2024278097	Matterport, Inc.
2024278231	Duemmer, M.

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<u>A01B 59 I/-</u>	2021245316	<u>A01N 37 I/-</u>	<u>A23D 9 I/-</u>	2023317427	<u>A61B 1 I/-</u>
2020230900	<u>A01K 1 I/-</u>	2019298399	2018428606	<u>A45D 40 I/-</u>	2020295992
<u>A01B 63 I/-</u>	2020257146	2019375944	2018428608	2019265004	2021282244
2019275647	<u>A01K 11 I/-</u>	2019377410	<u>A23F 3 I/-</u>	2023317427	2022279501
<u>A01B 79 I/-</u>	2020257146	2022262205	2024241580	<u>A45D 44 I/-</u>	2023237098
2019398104	2020378581	2023201264	<u>A23G 3 I/-</u>	2020283771	<u>A61B 10 I/-</u>
<u>A01C 7 I/-</u>	<u>A01K 15 I/-</u>	<u>A01N 39 I/-</u>	2021236009	<u>A47C 27 I/-</u>	2022379528
2022263579	2020257146	2019375944	<u>A23J 1 I/-</u>	2020210906	2023202895
<u>A01D 34 I/-</u>	<u>A01K 29 I/-</u>	2019377056	2018221613	<u>A47C 31 I/-</u>	2023202958
2024200692	2020378581	2023201264	<u>A23L 2 I/-</u>	2020210906	<u>A61B 17 I/-</u>
<u>A01D 41 I/-</u>	<u>A01K 5 I/-</u>	<u>A01N 41 I/-</u>	2019241458	<u>A47G 19 I/-</u>	2019204294
2023206085	2019270635	2022275443	<u>A23L 27 I/-</u>	2019270429	2019262972
<u>A01D 75 I/-</u>	<u>A01K 61 I/-</u>	2019298399	2019294154	<u>A47G 9 I/-</u>	2019290401
2023206085	2024227259	2019375944	<u>A23L 29 I/-</u>	2020210906	2019294200
<u>A01D 80 I/-</u>	<u>A01K 63 I/-</u>	2019377056	2019241458	<u>A47J 17 I/-</u>	2019297128
2019271999	2019230453	2019377410	<u>A23L 31 I/-</u>	2021320738	2019387431
<u>A01D 89 I/-</u>	<u>A01K 67 I/-</u>	2023201264	2023274205	<u>A47J 27 I/-</u>	2019387434
2019271999	2018388850	<u>A01N 47 I/-</u>	<u>A23L 33 I/-</u>	2021320738	2020258375
<u>A01F 12 I/-</u>	2024227259	<u>A01N 51 I/-</u>	2023274205	<u>A47J 31 I/-</u>	2020277304
2023206085	2024202255	2022230685	<u>A23L 5 I/-</u>	2019264543	2021282244
<u>A01F 29 I/-</u>	<u>A01K 87 I/-</u>	<u>A01N 57 I/-</u>	2023274205	2019397122	2021396239
2024200692	2019400903	<u>A01P 1 I/-</u>	<u>A24F 47 I/-</u>	2021320738	2022275835
<u>A01G 25 I/-</u>	<u>A01K 97 I/-</u>	2022262205	2023201297	<u>A47J 37 I/-</u>	2022287608
2019388733	2019230453	<u>A01P 13 I/-</u>	<u>A41D 13 I/-</u>	2021320738	2022379528
2021339838	<u>A01M 23 I/-</u>	2019298399	2019272780	<u>A47J 42 I/-</u>	2023200449
2022238292	2019217217	2019375944	<u>A41F 9 I/-</u>	2022224835	2023201617
<u>A01G 31 I/-</u>	<u>A01M 7 I/-</u>	2019377056	2019272780	<u>A47K 10 I/-</u>	2023229602
2022285112	2020225039	2023201264	<u>A42B 3 I/-</u>	2019350714	2024202560
<u>A01G 7 I/-</u>	<u>A01N 1 I/-</u>	<u>A01P 5 I/-</u>	2022291459	<u>A47L 11 I/-</u>	<u>A61B 18 I/-</u>
2021339838	2020220554	2022230685	<u>A43B 13 I/-</u>	2020201116	2019458295
<u>A01G 9 I/-</u>	<u>A01N 25 I/-</u>	<u>A01P 7 I/-</u>	2019391229	<u>A47L 13 I/-</u>	2021341745
2022285112	2019298399	2022230685	<u>A43B 7 I/-</u>	2019244942	2021460876
<u>A01H 1 I/-</u>	2022230685	<u>A01P 9 I/-</u>	2019391229	2021417861	2022379528
2018380806	<u>A01N 33 I/-</u>	2022230685	<u>A45C 11 I/-</u>	<u>A47L 15 I/-</u>	2023201617
<u>A01H 5 I/-</u>	2019375944	<u>A23B 11 I/-</u>	2021225770	2021367870	2023229602
2023200393	<u>A01N 35 I/-</u>	2022275443	<u>A45D 34 I/-</u>	<u>A47L 9 I/-</u>	2023229602
<u>A01H 6 I/-</u>	2019377410	<u>A23C 9 I/-</u>	2019265004	2021297503	2024202560
		2022275443			<u>A61B 3 I/-</u>
					2019208212
					<u>A61B 34 I/-</u>
					2020258375
					2022379495
					<u>A61B 46 I/-</u>
					2020283771
					<u>A61B 5 I/-</u>
					2019255622
					2019262216
					2019263295
					2019291582
					2019294200
					2019297153
					2019305055
					2019319953
					2019419948
					2020216298
					2020276338
					2022231709

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2022258933	2022242994	2019368654	2018206356	2019255539	2022346759
2022283734	2022258004	2019379706	2018213397	2019258820	
2023201514	2022258933	2019394740	2018219864	2019328530	<u>A61K 9 /-</u>
2023201639	2022379528	2019395255	2018269304	2020220398	2018247501
2023202976	2023202695	2019414251	2018269377	2020228514	2018269377
2024229885	2023265966	2019417418	2018288852	2020229714	2018345493
	2024200032	2019445424	2018318695	2021258063	2018348929
<u>A61B 50 /-</u>	2024200118	2020211303	2018348929	2021284682	2019228529
		2020215176	2018367674		2019236300
2021225770	<u>A61F 5 /-</u>	2020220398	2018378200	<u>A61K 47 /-</u>	2019239671
2023216881		2020228514	2018410849	2018224095	2019254483
	2019350480	2020229714	2019254483	2018247501	2019265907
<u>A61B 6 /-</u>	2020284017	2020233370	2019263176	2018345493	2019272871
	2020290577	2020249807	2019284621	2018371271	2019315406
2019344086	2022258933	2020273479	2019299352	2018394426	2019336799
2019371072	2022339492	2020306024	2019304522	2019236300	2019337456
2020218777	2024201454	2020392157	2020284104	2019254483	2019379706
2020276338		2020480182	2021250843	2019284621	2019394086
	<u>A61F 7 /-</u>	2021224899	2021257149	2019336799	2019394740
<u>A61B 8 /-</u>		2021339606	2021258063	2019394855	2019395841
	2019313159	2021366423	2021311894	2019395841	2019446285
2019305055	2021213192	2021368618	2022287540	2019446285	2020221491
		2021392316	2023200330	2020218777	2020249807
<u>A61B 90 /-</u>	<u>A61F 9 /-</u>	2022201447	2023208109	2020221491	2020284104
		2022202393		2020284104	2020306024
2021341745	2023255053	2022232927	<u>A61K 39 /-</u>	2020337093	2020337093
2022221288		2022271540	2017384942	2020480182	2020480182
2022379495	<u>A61G 13 /-</u>	2022287540	2018206356	2021284682	2021224899
		2022339721	2018207408	2021366423	2021269453
<u>A61C 1 /-</u>	2020276338	2023200537	2018209333	2021369204	2021366423
	<u>A61G 5 /-</u>	2023201120	2018213893	2021392316	2021369204
2023201639		2023202620	2018219864	2024202447	2022203731
<u>A61C 17 /-</u>	2023226674	2023203028	2018219909		2022218524
		2023203246	2018224095	<u>A61K 48 /-</u>	2022246434
2019316497	<u>A61G 7 /-</u>	2023208109	2018238540		2023201651
		2024200658	2018240556	2018223211	2023204628
<u>A61C 19 /-</u>	2020276338	2024202447	2018247501	2018256412	2024200425
			2018269377	2018304194	2024200658
2019316497	<u>A61H 1 /-</u>	<u>A61K 33 /-</u>	2018276409	2018351528	
			2018304194	2018410849	<u>A61L 17 /-</u>
<u>A61C 3 /-</u>	2024278231	2019239671	2018340557	2019315406	
		2021284682	2018345493	2021257149	2023200330
2023201639	<u>A61H 15 /-</u>	<u>A61K 35 /-</u>	2018378200	2023222827	
			2018379236	2024200425	<u>A61L 27 /-</u>
<u>A61D 3 /-</u>	2019313159	2018213397	2019234828		
	2024278231	2018223211	2019254483	<u>A61K 49 /-</u>	2019228529
2020257146		2018256412	2019269118		2019236300
	<u>A61J 1 /-</u>	2018269377	2019337456	2019255539	2019367508
<u>A61D 7 /-</u>		2018304194	2019452936	2019381793	2021401184
	2021225770	2018383015	2020228514	2020218777	2022203266
2019313271	2023248131	2018389100	2020229714	2020255706	2022218524
2020229386		2019218122	2020260415		2023200330
	<u>A61J 7 /-</u>	2019228529	2020337093	<u>A61K 51 /-</u>	
<u>A61F 13 /-</u>		2019228529	2021212059		<u>A61L 31 /-</u>
	2023258404	2019269118	2021232660	2018219909	
2019238331		2019269210	2021250843	2018389100	2019236300
2019349858	<u>A61K 31 /-</u>	2020255706	2021255445	2020218777	
2019350480		2021286255	2021256894	2024201217	<u>A61M 1 /-</u>
2019452220	2018269377	2021369204	2021257963		
	2019234828	2022203266	2021257983	<u>A61K 6 /-</u>	2019262972
<u>A61F 2 /-</u>	2019265907	2022203731	2021269453		2022258933
	2019280980	2022218478	2021286255	2021401184	2023201572
2018422401	2019299352	2022218524	2021315366	2022357768	
2019201648	2019309913	2022246434	2021440154		<u>A61M 15 /-</u>
2019262972	2019317625	2022256174	2022200326	<u>A61K 8 /-</u>	
2019367508	2019322863		2022203878		2019319953
2019387431	2019326525	<u>A61K 36 /-</u>	2022317127	2019263111	
2019387434	2019328530		2024200425	2019369224	<u>A61M 16 /-</u>
2020223047	2019337456	2019265907		2020220554	
2020252381	2019344903	2019394176		2020276380	2019283457
2020258375	2019360941		<u>A61K 45 /-</u>	2021350111	2019319953
2020277304	2019362848			2022272979	2019350480
2021415218	2019368247	<u>A61K 38 /-</u>			
2022203266					

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2019397593	<u>A61N 1 /-</u>	2022204199	<u>A61P 43 /-</u>	<u>A63B 71 /-</u>	2022439903
2020223508					
2022291466	2019291582	<u>A61P 29 /-</u>	2019258820	2020321128	<u>B01J 20 /-</u>
2022291590	2019330008		2019414251		
2023200651	2019445979	2022203731	2020228514	<u>A63F 9 /-</u>	2023266221
2023200686	2020306024		2020229714		
2023200714	2021460876	<u>A61P 3 /-</u>		2022400779	<u>B01J 31 /-</u>
2023200943	2023201617		<u>A61P 5 /-</u>		
2023203746		2018348929		<u>A63H 33 /-</u>	2019338169
	<u>A61N 5 /-</u>	2019414251	2019228529		
<u>A61M 25 /-</u>	2019458295	2020220398	2020215176	2022400779	<u>B01J 8 /-</u>
		2020284104	2020221491		
2019236300		2021311894	2022232927	<u>A63H 7 /-</u>	2022271829
2019239737	<u>A61N 7 /-</u>	2022203731			
2019262972		2022204199	<u>A61P 9 /-</u>	2022400779	<u>B01L 3 /-</u>
2020277304	2019236300				
2022218591		<u>A61P 31 /-</u>	2019255622	<u>B01B 1 /-</u>	2021407922
2022275835	<u>A61P 1 /-</u>		2021258063		
2023248174		2018209333	2022203731	2021380127	<u>B02C 17 /-</u>
	2022203731	2018219864			
<u>A61M 27 /-</u>	2022256174	2018345493	<u>A61Q 11 /-</u>	<u>B01D 17 /-</u>	2022287786
		2018410849			
2023201572	<u>A61P 11 /-</u>	2019394176	2021350111	2020217543	<u>B02C 19 /-</u>
		2021286255			
<u>A61M 29 /-</u>	2021255445	2022201447	<u>A61Q 15 /-</u>	<u>B01D 21 /-</u>	2019398306
	2021284682	2022256174			
2019262972	2022232927		2019265004	2021270755	<u>B02C 2 /-</u>
		<u>A61P 35 /-</u>		2023203478	
<u>A61M 31 /-</u>	<u>A61P 13 /-</u>		<u>A61Q 17 /-</u>	<u>B01D 24 /-</u>	2018247208
		2018206481			2019328513
2021269453	2021339606	2018223211	2020220554	2022271829	<u>B02C 23 /-</u>
	2021368618	2018269304	2020276380		
<u>A61M 35 /-</u>	2023208109	2018276409		<u>B01D 29 /-</u>	2019328513
		2018318695	<u>A61Q 19 /-</u>		
2019265004	<u>A61P 17 /-</u>	2018371271		2022271829	<u>B03C 5 /-</u>
2019316497		2018410849	2018410849		
2023204628	2018410849	2019239671	2019263111	<u>B01D 33 /-</u>	2022382441
	2020211303	2019269118	2022272979		
<u>A61M 37 /-</u>	2020249807	2019299352	2022346759	2023258340	<u>B03D 1 /-</u>
	2020415711	2019368654			
2020306024	2022232927	2019379706	<u>A61Q 5 /-</u>	<u>B01D 35 /-</u>	2019282381
		2019417418			2019324949
<u>A61M 39 /-</u>	<u>A61P 19 /-</u>	2019446285	2018410849	2022382441	
		2019452936	2019263111		<u>B04B 15 /-</u>
2019239737	2020273479	2020215176	2019369224	<u>B01D 39 /-</u>	
2019270193	2021255445	2020226893	2022272979		2023322391
2022258933	2022203731	2020228514		2022271829	
2022275835	2022232927	2020229714	<u>A62B 18 /-</u>	<u>B01D 53 /-</u>	<u>B04B 5 /-</u>
2023203746	2022287540	2020392157			
		2020415711	2023200686		2023322391
<u>A61M 5 /-</u>	<u>A61P 21 /-</u>	2021250843	2023203746	2019249244	
		2021286255		2019266357	<u>B05B 3 /-</u>
2019239737	2019304522	2021315366	<u>A62B 35 /-</u>	2022439903	
2019262972	2022202393	2022200326		2023266221	2022238292
2019310742	2022204199	2022203731	2022222333		
2019337097		2022227066		<u>B01D 61 /-</u>	<u>B05C 17 /-</u>
2019360097	<u>A61P 25 /-</u>	2022232927	<u>A62B 7 /-</u>		
2019416045		2022271540		2019395802	2021238919
2019416046	2018206356	2022317127	2023200686		
2020258508	2019280980	2023200537		<u>B01D 63 /-</u>	<u>B07B 1 /-</u>
2020289563	2019326525	2023201120	<u>A62B 9 /-</u>		
2022283760	2019328530	2024200425		2019395802	2023258340
2022291455	2019414251		2023200686	2022439903	
2023202885	2020306024	<u>A61P 37 /-</u>	2023203746		<u>B07C 5 /-</u>
2023216881	2020480182			<u>B01D 67 /-</u>	
2023248131	2021224899	2017384942	<u>A63B 21 /-</u>		2023201944
2023248174	2021257149	2018256412		2020227613	
2024200230	2021257983	2018345493	2020284017	<u>B01D 69 /-</u>	<u>B08B 1 /-</u>
2024200231	2022204199	2019360941	2024278231		2021380127
	2023203028	2021255445		2020227613	
<u>A61M 60 /-</u>	2024202447	2021311894	<u>A63B 24 /-</u>		<u>B08B 11 /-</u>
		2022232927		<u>B01D 71 /-</u>	
2022393513	<u>A61P 27 /-</u>				2021380127
				2020227613	

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<u>B21C 23 /-</u>		<u>B32B 7 /-</u>	<u>B60S 3 /-</u>	<u>B63G 8 /-</u>	2019270429
2022208124	<u>B29C 51 /-</u>	2019285372	2020216089	2019383344	<u>B65D 63 /-</u>
	2019350480			2020219945	
<u>B22C 9 /-</u>	<u>B29C 53 /-</u>	<u>B33Y 30 /-</u>	<u>B60W 60 /-</u>		2019429303
2023414163	2023265966	2019204143	2023248316	<u>B64C 11 /-</u>	<u>B65D 65 /-</u>
				2023248329	
<u>B22D 11 /-</u>	<u>B29C 64 /-</u>	<u>B42D 25 /-</u>	<u>B62D 23 /-</u>		2019392611
2023210036	2019204143	2023206103	2023200905	<u>B64C 27 /-</u>	<u>B65D 75 /-</u>
				2023248329	
<u>B22F 1 /-</u>	<u>B29C 65 /-</u>	<u>B60B 15 /-</u>	<u>B62D 25 /-</u>	<u>B64C 29 /-</u>	2020220880
2021334268	2019270429	2022264961	2023200905	2019279873	<u>B65D 81 /-</u>
<u>B22F 9 /-</u>	<u>B29C 70 /-</u>	<u>B60D 1 /-</u>	<u>B62D 3 /-</u>	<u>B64C 39 /-</u>	2019284229
2021334268	2019316998	2023222884	2022281584	2019279873	<u>B65D 85 /-</u>
<u>B23B 47 /-</u>	<u>B29D 35 /-</u>	<u>B60J 5 /-</u>	<u>B62D 33 /-</u>	<u>B64D 1 /-</u>	2019284229
2019261934	2019391229	2023278119	2019203791		2019392611
			2023200905	2019374051	<u>B65D 88 /-</u>
<u>B23B 49 /-</u>	<u>B29L 23 /-</u>	<u>B60J 7 /-</u>	<u>B62D 35 /-</u>	<u>B64D 27 /-</u>	2023202866
2019261934	2023265966	2023263523	2019203791	2022350044	<u>B65D 90 /-</u>
<u>B23B 51 /-</u>	<u>B31B 100 /-</u>	<u>B60K 17 /-</u>	<u>B62D 37 /-</u>	<u>B64D 31 /-</u>	2023202866
2019261934	2019409518	2022281584	2019203791	2022350044	<u>B65G 1 /-</u>
<u>B24C 1 /-</u>	<u>B31B 120 /-</u>	<u>B60L 3 /-</u>	<u>B62D 53 /-</u>	<u>B64D 33 /-</u>	2021346619
2019261722	2019409518	2020227258	2023222884	2019279873	2022222333
					2022291637
<u>B24C 7 /-</u>	<u>B31B 50 /-</u>	<u>B60L 53 /-</u>	<u>B62D 57 /-</u>	<u>B64D 47 /-</u>	<u>B65G 15 /-</u>
2019261722	2019409518	2022235543	2020267202	2019280067	2019285850
<u>B25B 13 /-</u>	<u>B31F 1 /-</u>	<u>B60N 2 /-</u>	<u>B63B 13 /-</u>	<u>B64D 5 /-</u>	<u>B65G 39 /-</u>
2023201577	2019350714	2019283844	2023278020	2019374051	2021313607
	2019409518	2020202862			
<u>B25B 7 /-</u>		2022253353	<u>B63B 21 /-</u>	<u>B64F 1 /-</u>	<u>B65G 43 /-</u>
2023201577	<u>B32B 1 /-</u>	<u>B60P 1 /-</u>	2022436869	2019280067	2020407872
			2022438259	2023207182	
<u>B25J 9 /-</u>	2021313607	2020216089			<u>B65G 53 /-</u>
2020284017	<u>B32B 15 /-</u>	<u>B60P 3 /-</u>	<u>B63B 22 /-</u>	<u>B65B 3 /-</u>	2019270635
<u>B28B 1 /-</u>	2023206103	2023200905	2022436869	2019261640	<u>B65H 19 /-</u>
2020249436	<u>B32B 27 /-</u>	<u>B60P 7 /-</u>	2022438259	<u>B65B 35 /-</u>	2023204687
<u>B28B 3 /-</u>	2019270429	2023278119	<u>B63B 3 /-</u>	2023258404	<u>B66B 1 /-</u>
	2019316998		2019383344		
2020249436	2019409518	<u>B60R 1 /-</u>		<u>B65B 41 /-</u>	2020451875
	2023206103	2023222884	<u>B63B 34 /-</u>	2023204687	<u>B66B 9 /-</u>
<u>B28B 7 /-</u>	<u>B32B 3 /-</u>	<u>B60R 11 /-</u>	2019230453	<u>B65B 5 /-</u>	2020451875
2019215797					
	2019291760	2023222884	<u>B63B 35 /-</u>	2023258404	<u>B66C 1 /-</u>
<u>B29B 17 /-</u>	2019361176		2022436869		2019265307
2022245283	<u>B32B 38 /-</u>	<u>B60R 19 /-</u>	2022438259	<u>B65D 41 /-</u>	2019308882
		2020202309		2020220880	2019311225
<u>B29C 33 /-</u>	2019291760		<u>B63B 59 /-</u>		
2019215797	<u>B32B 5 /-</u>	<u>B60R 22 /-</u>	2020276036	<u>B65D 5 /-</u>	<u>B66C 23 /-</u>
<u>B29C 48 /-</u>	2019291760	2020202862	<u>B63C 11 /-</u>	2021312637	
2020249436	2019316998	2022253353		<u>B65D 51 /-</u>	2019311225
2021313607			2020219945		

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<u>B66D 3 /-</u>	<u>C05D 9 /-</u>	<u>C07C 41 /-</u>	2019322863	2018288803	2019394855
2019311225	2023216750	2020415711	2019346585	2018288852	<u>C09D 11 /-</u>
<u>B66F 11 /-</u>	<u>C07B 63 /-</u>	<u>C07C 43 /-</u>	2019368247	2018301393	2023221721
2019258591	2023266221	2020415711	2022271540	2018307610	<u>C09D 129 /-</u>
<u>B66F 9 /-</u>	<u>C07C 1 /-</u>	<u>C07C 51 /-</u>	2023202620	2018340557	2021413867
2019202156	2019271073	2020415711	<u>C07D 487 /-</u>	2018371271	<u>C09D 139 /-</u>
2019308882	<u>C07C 201 /-</u>	<u>C07C 65 /-</u>	2019346585	2019228339	2019337989
2020202309	2020415711	2020415711	2019360941	2019269118	<u>C09D 171 /-</u>
2022291637	<u>C07C 205 /-</u>	<u>C07D 207 /-</u>	2022271540	2019452936	2021413867
<u>B67C 3 /-</u>	<u>C07C 209 /-</u>	<u>C07D 213 /-</u>	2022339721	2020226893	<u>C09D 177 /-</u>
2019261640	2019406176	2019417418	<u>C07D 491 /-</u>	2020337093	2021413867
<u>B67D 1 /-</u>	2020415711	2019368247	2021240303	2021250843	<u>C09J 101 /-</u>
2020425255	<u>C07C 211 /-</u>	<u>C07D 255 /-</u>	2021245177	2021255445	2019285372
<u>B82Y 30 /-</u>	2020415711	2019381793	2021257963	2021257983	<u>C09J 105 /-</u>
2019285372	<u>C07C 217 /-</u>	<u>C07D 261 /-</u>	2021269453	2021269453	2019285372
<u>C01B 17 /-</u>	2020415711	2022340841	2021311894	2021315366	2019285372
2023216750	<u>C07C 227 /-</u>	<u>C07D 277 /-</u>	<u>C07D 519 /-</u>	2021440154	<u>C09K 8 /-</u>
<u>C01B 21 /-</u>	2020415711	2020271767	<u>C07J 31 /-</u>	2022200326	2019427781
2019249244	<u>C07C 231 /-</u>	<u>C07D 311 /-</u>	2023203028	2022204618	<u>C10G 1 /-</u>
2023204628	2020415711	2021392316	<u>C07J 41 /-</u>	2022205170	2019256695
<u>C01B 32 /-</u>	<u>C07C 233 /-</u>	<u>C07D 333 /-</u>	<u>C07J 9 /-</u>	2022256199	2022271829
2023266221	2020415711	2022227066	2022291618	2022291618	2022303160
<u>C01B 5 /-</u>	<u>C07C 259 /-</u>	<u>C07D 401 /-</u>	<u>C07K 7 /-</u>	<u>C07K 7 /-</u>	<u>C10G 25 /-</u>
2021339838	2018219909	2019362848	2018389100	2018389100	2022303160
<u>C01F 5 /-</u>	<u>C07C 279 /-</u>	2019417418	2021311894	2021311894	<u>C10G 3 /-</u>
2019266357	2020415711	2022232927	<u>C08B 15 /-</u>	<u>C08B 15 /-</u>	2019271073
<u>C01F 7 /-</u>	<u>C07C 29 /-</u>	2023201120	<u>C08B 226 /-</u>	<u>C08B 226 /-</u>	2022271829
2019282381	2022439903	2019317625	<u>C08F 8 /-</u>	<u>C08F 8 /-</u>	<u>C10G 45 /-</u>
<u>C02F 1 /-</u>	<u>C07C 303 /-</u>	2019395255	2019337989	2019337989	2022271829
2019282381	2020415711	<u>C07D 403 /-</u>	<u>C08G 18 /-</u>	<u>C08G 18 /-</u>	<u>C10G 47 /-</u>
<u>C02F 101 /-</u>	<u>C07C 31 /-</u>	2021232660	2019338169	2019338169	<u>C10G 53 /-</u>
2019282381	2021392316	2021245316	<u>C08G 63 /-</u>	<u>C08G 63 /-</u>	2019256695
<u>C02F 103 /-</u>	2022439903	2021311894	2019394855	2019394855	<u>C10G 65 /-</u>
2019282381	<u>C07C 311 /-</u>	2021449575	<u>C08J 3 /-</u>	<u>C08J 3 /-</u>	2022303160
<u>C04B 2 /-</u>	2020415711	2022200326	<u>C08J 7 /-</u>	<u>C08J 7 /-</u>	<u>C10G 67 /-</u>
2023216750	<u>C07C 317 /-</u>	2022203302	2019285372	2019285372	2022303160
<u>C04B 28 /-</u>	2021392316	2022205170	<u>C08L 1 /-</u>	<u>C08L 1 /-</u>	<u>C10G 69 /-</u>
2023210634	<u>C07C 319 /-</u>	2022317127	2019285372	2019285372	2022303160
<u>C04B 38 /-</u>	2020415711	2023200330	<u>C08L 23 /-</u>	<u>C08L 23 /-</u>	<u>C10M 115 /-</u>
2023210634	<u>C07D 471 /-</u>	2018206481	<u>C08L 5 /-</u>	<u>C08L 5 /-</u>	2019383363
		2018209151	<u>C08L 67 /-</u>	<u>C08L 67 /-</u>	
		2018213397			
		2018213893			
		2018219909			
		2018224095			
		2018238540			
		2018240556			
		2018247501			
		2018276409			

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<u>C10M 175 /-</u>	2018383015	<u>C22B 1 /-</u>	2023216750	<u>E01D 4 /-</u>	<u>E04B 9 /-</u>
2020217543	2019218122	2021334268	<u>C25B 9 /-</u>	2019206009	2019230454
<u>C11B 3 /-</u>	2019226392	2022287786	2019237198	<u>E02B 15 /-</u>	2019310648
2018428606	2020255706	<u>C22B 11 /-</u>	2020226725	2021233788	<u>E04C 2 /-</u>
2018428608	2021258007	2019324949	2022314871	2022436869	2019310648
<u>C11D 1 /-</u>	2021413867	<u>C22B 15 /-</u>	2022321803	2022438259	<u>E04D 13 /-</u>
2019369224	2022203266	2019324949	2022409575	<u>E02D 27 /-</u>	2023201974
2022491538	2022205170	<u>C22B 23 /-</u>	2023219968	<u>E02D 29 /-</u>	2019310648
2024205605	2022204576	2021334268	2023226663	2022207683	2023201974
<u>C11D 17 /-</u>	<u>C12N 7 /-</u>	<u>C22B 3 /-</u>	<u>C25C 1 /-</u>	<u>E02D 5 /-</u>	<u>E04F 13 /-</u>
2022491538	2018209333	2023226695	2020222407	2019309673	2021453427
<u>C11D 3 /-</u>	2018304194	<u>C22B 34 /-</u>	<u>C25F 3 /-</u>	<u>E02D 7 /-</u>	<u>E04F 15 /-</u>
2022491538	2019259912	2023226695	2020256911	2019309673	2019310648
2024205605	2022200326	<u>C22B 7 /-</u>	<u>C25F 7 /-</u>	<u>E02D 9 /-</u>	<u>E04F 19 /-</u>
<u>C12M 1 /-</u>	2022204576	2021334268	2020256911	2020201534	2019230454
2021413867	<u>C12P 1 /-</u>	<u>C22C 1 /-</u>	<u>D02G 3 /-</u>	<u>E02F 3 /-</u>	<u>E04G 11 /-</u>
2023226696	2018379236	2022208124	2019349858	2019275647	2020227203
<u>C12N 1 /-</u>	<u>C12P 13 /-</u>	<u>C22C 23 /-</u>	<u>D04B 1 /-</u>	<u>E02F 9 /-</u>	2020238616
2018219864	2021449575	2022208124	2019349858	2019218558	<u>E04G 13 /-</u>
2018379236	<u>C12P 19 /-</u>	<u>C22C 30 /-</u>	<u>D07B 1 /-</u>	2019275647	2023222867
2022204576	2022204576	2021334268	2019285850	2020216089	<u>E04G 17 /-</u>
<u>C12N 15 /-</u>	<u>C12P 21 /-</u>	<u>C22C 38 /-</u>	<u>D21H 11 /-</u>	2023248316	2023222867
2018219864	2018300069	2019279905	2019285372	<u>E03B 3 /-</u>	<u>E04G 21 /-</u>
2018223211	2018379236	2019296099	2019337989	2023202866	2019258591
2018256412	<u>C12Q 1 /-</u>	2019450666	<u>D21H 17 /-</u>	<u>E03C 1 /-</u>	2020249436
2018300069	2018313794	<u>C22C 9 /-</u>	2019291784	<u>E03D 1 /-</u>	2023255334
2018304194	2018344761	2021334268	2019337989	2019239675	<u>E04H 12 /-</u>
2018337672	2018368639	2023210036	<u>D21H 21 /-</u>	<u>E03D 11 /-</u>	2019308882
2018340557	2018388850	<u>C22F 1 /-</u>	2019291784	2019239675	2020201534
2018351528	2019315406	2022208124	<u>D21H 27 /-</u>	<u>E03F 5 /-</u>	<u>E04H 17 /-</u>
2018380806	2020268107	2023210036	2019350714	2021345164	<u>E04H 4 /-</u>
2018410849	2022201907	<u>C25B 1 /-</u>	<u>E01D 101 /-</u>	<u>E04B 1 /-</u>	2020257838
2019259912	2022203184	2019237198	2019206009	2019206009	2021232871
2019452936	2022203184	2022314871	<u>E01D 15 /-</u>	2019310648	2021233788
2021240303	2022203759	2022409575	2019206009	2021305164	2023202866
2021245316	2022203762	2023216750	<u>E01D 19 /-</u>	2023202866	<u>E04H 7 /-</u>
2021255445	2022203763	2024200233	2019206009	<u>E04B 2 /-</u>	2023202866
2021256894	2022204199	<u>C25B 11 /-</u>	2023203351	2019230454	<u>E05B 1 /-</u>
2021449575	2022204576	2022321803	<u>E01D 21 /-</u>	2023202866	2022219947
2022200326	2022218478	2023219968	<u>E04B 5 /-</u>	<u>E05B 13 /-</u>	
2022202393	2023200393	<u>C25B 15 /-</u>			
2022203184	2023222827	2022314871			
2022203302	<u>C12N 5 /-</u>	2022409575			
2022203759	2018219864				
2022203762	2018256412				
2022203763	2018329882				
2022204199	2018380806				
2022204576					
2022218478					
2023200393					
2023222827					

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2019219801	<u>E06C 7 /-</u>	<u>E21B 7 /-</u>	<u>F04D 17 /-</u>	<u>F16L 5 /-</u>	<u>F24F 3 /-</u>
<u>E05B 15 /-</u>	2023202810	2022275159	2021368230 2022248100	2021221591	2019201541
2019219801	<u>E21B 17 /-</u>	<u>E21C 35 /-</u>		<u>F16L 53 /-</u>	<u>F24H 3 /-</u>
<u>E05B 17 /-</u>	2019400988 2019414994 2020242884	2020202698	<u>F04D 29 /-</u>	2020244281	2020218186
2019219801	2020426066 2021223658	<u>E21D 9 /-</u>	2021368230 2022275468	<u>F16L 59 /-</u>	<u>F25B 39 /-</u>
<u>E05B 19 /-</u>		2020202698	<u>F04D 7 /-</u>	2019361176	2022317931
2023254345	<u>E21B 19 /-</u>	<u>F01K 25 /-</u>	2021368230	<u>F16L 9 /-</u>	<u>F25D 11 /-</u>
<u>E05B 27 /-</u>	2021232212	2021399257	<u>F16B 19 /-</u>	2019414994	2022267431
2023254345	<u>E21B 21 /-</u>	<u>F01N 13 /-</u>	2021454863	<u>F17D 1 /-</u>	<u>F25D 23 /-</u>
<u>E05B 3 /-</u>	2019443517	2019279873	<u>F16B 21 /-</u>	2021391313	2022267431
2022219947	<u>E21B 23 /-</u>	<u>F01P 11 /-</u>	2021212177 2021454863	<u>F17D 3 /-</u>	<u>F25D 3 /-</u>
<u>E05B 47 /-</u>	2018453912 2020377978	2022241526	<u>F16C 13 /-</u>	2021391313	2019284131
2022419322	<u>E21B 31 /-</u>	<u>F02C 6 /-</u>		<u>F21L 4 /-</u>	<u>F25J 1 /-</u>
<u>E05B 65 /-</u>		2019279873	2018414993	2021211371	2023202188
2019219801	2018453912	<u>F02D 31 /-</u>	<u>F16C 33 /-</u>	<u>F21S 8 /-</u>	<u>F25J 5 /-</u>
<u>E05B 67 /-</u>	<u>E21B 33 /-</u>	2020214283	2018414993	2022221288	2023202188
2020260969	2019244423 2019400988 2020377978	<u>F02D 41 /-</u>	<u>F16D 3 /-</u>	<u>F21V 23 /-</u>	<u>F28D 20 /-</u>
<u>E05B 7 /-</u>	2020426066 2020426342	2020214283 2022241526	2020211958	2021211371	2019309438
2019219801	<u>E21B 34 /-</u>	<u>F02K 1 /-</u>	2022207683	<u>F21W 131 /-</u>	<u>F28D 7 /-</u>
<u>E05D 3 /-</u>		2019279873	<u>F16G 13 /-</u>	2022221288	2023202188
2019284131	2019469991 2020377978	<u>F03D 13 /-</u>	2022406778	<u>F23C 10 /-</u>	<u>F28D 9 /-</u>
<u>E05F 1 /-</u>	2020426066 2023251479	2022255899	<u>F16G 15 /-</u>	2020458418	2022270849
2022207683	<u>E21B 41 /-</u>	<u>F03D 7 /-</u>	2022406778	<u>F23N 1 /-</u>	<u>F28F 3 /-</u>
<u>E05F 15 /-</u>	2020226528 2020244281 2020307364	2022255899	<u>F16J 15 /-</u>	2020458418	2022270849
2020253049 2021282182 2022260387	<u>E21B 43 /-</u>	<u>F03D 9 /-</u>	2018414993	<u>F23N 5 /-</u>	<u>F28F 9 /-</u>
<u>E05F 3 /-</u>	2020205674 2020226528 2020244281	2022255899	<u>F16K 11 /-</u>	2020458418	2022317931
2021282182	<u>E21B 44 /-</u>	<u>F04B 43 /-</u>	2021221591	<u>F24C 15 /-</u>	<u>F41C 33 /-</u>
<u>E05F 5 /-</u>		2019416045 2019416046	<u>F16K 15 /-</u>	2019396393 2020220259	<u>F41H 1 /-</u>
2021282182	2020202698 2022275159	<u>F04B 49 /-</u>	2023203746	<u>F24C 7 /-</u>	2022291459
<u>E06B 5 /-</u>		2020205674	<u>F16K 27 /-</u>	2019396393	<u>F42B 12 /-</u>
2022207683	<u>E21B 47 /-</u>	<u>F04B 53 /-</u>	2021221591	<u>F24D 15 /-</u>	2020229386
<u>E06B 9 /-</u>	2019443517 2020205674 2020307364	2019416045 2019416046 2021356404	<u>F16L 1 /-</u>	2020218186	<u>F42B 5 /-</u>
2019258591 2019379759 2023200023	2020359327 2020426066 2020426342	<u>F04C 14 /-</u>	2019387716 2019414994	<u>F24F 1 /-</u>	2020229386
<u>E06C 1 /-</u>	2022275159	2020205674	<u>F16L 25 /-</u>	2019242465 2022248100	<u>F42B 6 /-</u>
2019282832 2023202810	<u>E21B 49 /-</u>	<u>F04D 15 /-</u>	<u>F16L 27 /-</u>	2019242465 2022248100 2022317931	<u>F42B 8 /-</u>
	2020226528	2020205674	2019239675		2020229386

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<u>F42D 1 /-</u>		2020202698	<u>G06F 16 /-</u>		<u>G10L 19 /-</u>
2022275159	<u>G01N 33 /-</u>	2020300960		<u>G06Q 10 /-</u>	2024200903
	2018219320	2021404408	2020321128	2020203571	
<u>F42D 3 /-</u>	2018275891	<u>G01S 7 /-</u>	2021226330	2022291637	<u>G10L 21 /-</u>
2022275159	2018303249	2024202255	2021447276	2024201427	2024200903
	2018313794	2024270638	2023270294		
<u>G01B 11 /-</u>	2018344761		2024200051	<u>G06Q 30 /-</u>	
	2019218122	<u>G01V 1 /-</u>	2024201427	2020223891	<u>G16C 20 /-</u>
2020370160	2019228339	2020226528	<u>G06F 17 /-</u>		2022290368
2020407872	2019255622	2020365520	2024202335	<u>G06Q 50 /-</u>	
	2019262216			2019388733	<u>G16H 20 /-</u>
<u>G01C 15 /-</u>	2019275957	<u>G01V 13 /-</u>	<u>G06F 18 /-</u>	2020201296	2021385552
2024270638	2019304522	2020365520	2019370154	2022275159	
	2019315406		2020202698	2023201455	<u>G16H 30 /-</u>
<u>G01C 21 /-</u>	2020211303	<u>G01V 99 /-</u>	<u>G06F 21 /-</u>	<u>G06Q 90 /-</u>	2019344086
2020300960	2020268107	2021212059		2020203571	2019371072
	2020271767	2021256894	2022242514		<u>G16H 50 /-</u>
<u>G01F 1 /-</u>	2021212059	2022201447	2023223007	<u>G06T 1 /-</u>	
2022321857	2022203302	<u>G02B 21 /-</u>	2024200087	2024202335	2019305055
	2022263579	2019370154	2024202335		2019407111
<u>G01G 17 /-</u>	2023208109				
	<u>G01R 15 /-</u>	<u>G02B 23 /-</u>	<u>G06F 3 /-</u>	<u>G06T 5 /-</u>	<u>G16Y 20 /-</u>
2020257146	2020319634	2022291459	2020206018	2019393742	2021404408
<u>G01K 1 /-</u>			2022258350	2020370160	
	<u>G01R 19 /-</u>	<u>G02B 5 /-</u>	2023233175	2024270638	<u>G21F 9 /-</u>
2022241526	2020319634	2024278096	2024200087		2023206234
<u>G01L 19 /-</u>	2021404408	2024278097	2024201427	<u>G06T 7 /-</u>	
				2019344086	<u>H01F 5 /-</u>
2020365569	<u>G01R 21 /-</u>	<u>G02B 6 /-</u>	<u>G06F 40 /-</u>	2019370154	2020319634
	2020245353	2021358865	2023203234	2019371072	
<u>G01L 9 /-</u>		2022229782	<u>G06F 8 /-</u>	2019398104	<u>H01H 83 /-</u>
2020365569	<u>G01R 22 /-</u>	2022310612	2023270294	2020407872	2023202802
	2020245353	2024200409		2021411776	
<u>G01M 1 /-</u>		<u>G03B 15 /-</u>	<u>G06F 9 /-</u>	2023203753	<u>H01H 9 /-</u>
2023266230	<u>G01R 31 /-</u>	2020250061	2022221388	<u>G06V 20 /-</u>	2019416218
<u>G01M 13 /-</u>	2021404408	<u>G03B 17 /-</u>	2024201427	2019398104	<u>H01J 49 /-</u>
2023266230	<u>G01R 33 /-</u>	2020250061		2024270638	2022290368
<u>G01M 15 /-</u>	2019297153	<u>G03B 37 /-</u>	<u>G06G 7 /-</u>	<u>G07C 9 /-</u>	
		2024278096	2020226528	2019445348	<u>H01L 21 /-</u>
2022241526	<u>G01S 1 /-</u>	2024278097	<u>G06K 7 /-</u>		2023203632
<u>G01M 9 /-</u>	2020202698		2020202698	<u>G07D 11 /-</u>	2024216432
2019203791	2020300960	<u>G05B 15 /-</u>	<u>G06N 10 /-</u>	2022311032	
		2022238292	2020324859	<u>G07D 7 /-</u>	<u>H01M 10 /-</u>
<u>G01N 1 /-</u>	<u>G01S 13 /-</u>		2024201618	2022311032	2022463049
2018313794	2020202698	<u>G05B 19 /-</u>	<u>G06N 20 /-</u>	<u>G07F 17 /-</u>	<u>H01M 12 /-</u>
		2019215797	2023203234	2019204072	2021209070
<u>G01N 15 /-</u>	<u>G01S 15 /-</u>	<u>G05B 23 /-</u>	2024201618		<u>H01M 4 /-</u>
2019370154	2024202255	2022241526	<u>G06N 3 /-</u>	<u>G08B 19 /-</u>	
	<u>G01S 17 /-</u>		2019280067	2019418434	2021209070
<u>G01N 19 /-</u>	2019203791	<u>G05D 1 /-</u>	2021411776		2022303881
2022263579	2020202698	2023202373	2023203234	<u>G08G 5 /-</u>	2022350417
		<u>G05F 5 /-</u>	2023248316	2020203571	2024200233
<u>G01N 21 /-</u>	<u>G01S 19 /-</u>	2021329442	2024201427	<u>G09F 3 /-</u>	<u>H01M 6 /-</u>
2022203302	2019280067		<u>G06N 5 /-</u>	2021212177	2021209070
<u>G01N 30 /-</u>	2021404408				<u>H01M 8 /-</u>
2019275957	<u>G01S 5 /-</u>		2023203234		

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2021209070	<u>H02M 5 /-</u>		<u>H04W 12 /-</u>	2022279657
2022289535		<u>H04L 43 /-</u>		
2023216750	2021329442	2019392389	2021417645	<u>H10D 64 /-</u>
2023226663		2022221388	2022206514	
	<u>H02M 7 /-</u>		2023202706	2023203632
<u>H01P 5 /-</u>		<u>H04L 47 /-</u>	<u>H04W 28 /-</u>	<u>H10F 10 /-</u>
	2021478659			
2020430091	2021479092	2023200735	2020246726	2024216432
	2023263494		2022286984	2024219405
<u>H01Q 1 /-</u>		<u>H04L 5 /-</u>		
	<u>H02P 1 /-</u>		<u>H04W 36 /-</u>	<u>H10F 19 /-</u>
2020230900	2020253049	2020246742		
<u>H01R 103 /-</u>		<u>H04L 51 /-</u>	2023200633	2021380127
	<u>H02P 13 /-</u>			2022338576
2020359327		2020206018	<u>H04W 4 /-</u>	2023203632
	2021329442	2021413748	2020206018	2023203634
<u>H01R 13 /-</u>		2024201427	2021419641	2023206210
	<u>H02P 3 /-</u>		2023200633	2024204864
2020260969	2020253049	<u>H04L 65 /-</u>		<u>H10F 71 /-</u>
2020359327			<u>H04W 48 /-</u>	
2021212177	<u>H02S 20 /-</u>	2021419641		2024216432
2022258537		<u>H04L 67 /-</u>	2021438015	
<u>H01R 33 /-</u>	2023216771		2023200633	<u>H10F 77 /-</u>
	<u>H02S 40 /-</u>	2020223891	2023222822	
2021212177		2020321128		2023203632
<u>H02G 1 /-</u>	2021380127	2021419641	<u>H04W 52 /-</u>	
	<u>H03F 3 /-</u>	2022221388		
2021345164		<u>H04L 69 /-</u>	2022463051	
<u>H02G 3 /-</u>	2023254951		2024205379	
	<u>H03H 17 /-</u>	2020223891	<u>H04W 60 /-</u>	
2022258537		<u>H04L 9 /-</u>		
<u>H02G 7 /-</u>	2020350161		2023200633	
	<u>H03K 17 /-</u>	2023202706	<u>H04W 72 /-</u>	
2024203101		<u>H04M 1 /-</u>		
<u>H02G 9 /-</u>	2023254951		2020246726	
	<u>H03K 19 /-</u>	2019418434	2020246742	
2021345164		<u>H04M 3 /-</u>	2021438015	
<u>H02H 1 /-</u>	2020324859		2022286984	
	<u>H03M 3 /-</u>	2020206018	<u>H04W 74 /-</u>	
2021404408		<u>H04N 11 /-</u>	2020218488	
<u>H02H 5 /-</u>	2020350161		<u>H04W 76 /-</u>	
	<u>H03M 7 /-</u>	2023203449		
2020227258		<u>H04N 19 /-</u>	2023200633	
<u>H02J 3 /-</u>	2024200903		<u>H04W 8 /-</u>	
	<u>H04B 1 /-</u>	2023203638		
2021394197		<u>H04N 21 /-</u>	2023200633	
2021426006	2023203449		<u>H04W 84 /-</u>	
2023201324	2023203915	2019338669		
	<u>H04B 7 /-</u>	2023296433	2023200633	
<u>H02J 7 /-</u>		2024202335	2023222822	
	2022448783	<u>H04N 23 /-</u>	<u>H04W 88 /-</u>	
2022419322				
2023263494	<u>H04L 1 /-</u>	2019338669	2023200633	
<u>H02K 1 /-</u>		2022279501	<u>H04W 92 /-</u>	
	2020246742	<u>H04N 7 /-</u>		
2020282371	2024201137		2020246726	
<u>H02M 1 /-</u>	<u>H04L 12 /-</u>	2019280067	<u>H05B 47 /-</u>	
		2023203449		
2021329442	2020296851	<u>H04R 5 /-</u>	2022221288	
<u>H02M 3 /-</u>	2022218413		<u>H05K 7 /-</u>	
	<u>H04L 41 /-</u>	2020292295		
2020253049			2020250061	
2020324859	2019392389			

Certified Innovation Patents**Name Index**

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

(71) Phoenix Industries Pty Ltd
(11) AU-B-2024100043
(21) 2024100043 (22) 25.11.2024
(54) A plumbing assembly
(51) Int. Cl.
E03C 1/02 (2006.01)
F16K 11/00 (2006.01)
(45) 27.02.2025
(62) 2019370620
(72) JACKSON, Steven Grant; PHELAN, Michael Thomas; HOOGENDOORN, John Henri
(74) FPA Patent Attorneys Pty Ltd

Numerical Index

2024100043 Phoenix Industries Pty Ltd

IPC Index

E03C 1 /-

2024100043

F16K 11 /-

2024100043

Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

2019250244 **Cobalt Extreme Pty Ltd** (Oilfield Piping Systems Pty Ltd)

2022335931 **GLOBAL MET TECH PTY LTD** (Metso USA Inc.)

Opposition under Section 104(4) - Lodged

2017342702 **Effusiontech IP Pty Ltd** (Commonwealth Scientific and Industrial Research Organisation)

Patents Granted**Standard Patents**

2016326449	2017261706	2017321894	2017341936
2017345454	2017356943	2017357865	2018234709
2018236836	2018239320	2018243568	2018256532
2018262107	2018264022	2018266964	2018271342
2018272054	2018285539	2018301295	2018309648
2018320550	2018323281	2018344896	2018346309
2018347785	2018355417	2018357880	2018361864
2018363873	2018371157	2018373137	2018375222
2018376263	2018376565	2018378210	2018378808
2018378935	2018379448	2018380408	2018388302
2018388426	2018389853	2018390169	2018390856
2018390990	2018391634	2018392461	2018397332
2018434899	2018435825	2018441604	2018447795
2019201362	2019205244	2019207430	2019209326
2019209481	2019209813	2019210169	2019210313
2019212000	2019212107	2019212513	2019214404
2019216876	2019217907	2019220614	2019221378
2019223652	2019225166	2019226006	2019231257
2019232505	2019232570	2019232841	2019244867
2019245521	2019253134	2019257212	2019257648
2019260497	2019261937	2019262090	2019262555
2019264551	2019264872	2019270573	2019272685
2019273200	2019273861	2019276637	2019278014
2019278797	2019279452	2019280691	2019282765
2019287595	2019289119	2019291825	2019292003
2019292164	2019295364	2019297100	2019297312
2019301628	2019304074	2019310348	2019315444
2019324521	2019331693	2019334264	2019336492
2019338972	2019343128	2019346576	2019346856
2019352788	2019352968	2019355489	2019355852
2019357898	2019360443	2019369033	2019369913
2019370918	2019377686	2019380047	2019380628
2019381493	2019382061	2019396735	2019398023
2019398069	2019403245	2019403821	2019423999
2019426889	2019439618	2019464118	2020204539
2020205629	2020205913	2020208566	2020209932
2020215122	2020220226	2020221367	2020225991
2020237446	2020243456	2020248651	2020271851
2020273695	2020280897	2020315419	2020349372
2020350760	2020351213	2020357627	2020379658
2020391338	2020395176	2020401155	2020413943
2020414363	2020450114	2020483138	2021202840
2021207557	2021224133	2021245178	2021246518
2021247253	2021250932	2021251313	2021259440
2021268652	2021276502	2021280271	2021282533
2021283972	2021286274	2021291711	2021294336
2021299156	2021299360	2021300622	2021310874
2021314416	2021317282	2021333953	2021360916
2021365249	2021369864	2021371313	2021378478
2021380017	2021394867	2021399196	2021406790
2021411402	2021415837	2021428171	2021430672

Patents Granted**Standard Patents**

2021436244	2021446919	2022200663	2022201038
2022201540	2022202766	2022203289	2022203458
2022203748	2022204010	2022204058	2022204190
2022204559	2022204918	2022206753	2022207712
2022209205	2022209206	2022211858	2022223975
2022225102	2022229580	2022231654	2022231746
2022234219	2022238513	2022246462	2022249552
2022252441	2022253413	2022255513	2022259874
2022264526	2022266774	2022268384	2022275449
2022275488	2022279499	2022283926	2022291575
2022293576	2022317557	2022325703	2022351167
2022370463	2022404956	2023200410	2023200616
2023201039	2023201129	2023201390	2023201416
2023201621	2023201815	2023202157	2023202525
2023202601	2023203064	2023203620	2023203627
2023203687	2023203696	2023203925	2023204199
2023204209	2023204564	2023208742	2023210578
2023210665	2023214295	2023214375	2023220084
2023226671	2023241307	2023247268	2023254957
2023266236	2024201809	2024202145	2024202301
2024205176	2024205260	2024205275	

Innovation Patents

2021107700 2025100000 2025100001

Assignments Registered

2005201697 E.I. Du Pont De Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2005261455 FLSmidth A/S The patent has been assigned to **FLS-midth Cement A/S**

2005293702 FLSmidth A/S The patent has been assigned to **FLS-midth Cement A/S**

2005295204 E.I. Dupont De Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2006232129 Theravance Biopharma R&D IP, LLC The patent has been assigned to **ALFASIGMA S.p.A.**

2006284620 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2006303518 FLSmidth A/S The patent has been assigned to **FLS-midth Cement A/S**

2006306182 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2006308877 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2006321716 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2006341137 FLSmidth A/S The patent has been assigned to **FLS-midth Cement A/S**

2007238829 Cook Medical Technologies LLC The patent has been assigned to **New US Opco Inc.**

2007293940 FLSmidth A/S The patent has been assigned to **FLS-midth Cement A/S**

2007322340 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2008209428 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

Assignments Registered

2008283803 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2008312639 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2009213106 Humphreys, Anthony; Kane, Jeff The patent has been assigned to **Kane, Jeff; Humphreys, Louise**

2009259081 Trinity Bay Equipment Holdings, LLC The patent has been assigned to **FlexSteel USA, LLC**

2009278751 Evotec (Modena) Srl The patent has been assigned to **EIR Biotherapies Srl**

2010245985 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2010289435 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2010289502 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2010289504 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2010319666 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2010346502 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2010361149 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2011200682 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2011204934 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012200914 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012205844 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012205850 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012213242 Cloud Trade Technologies Limited The patent has been assigned to **Advanced Business Software and Solutions Limited**

2012220648 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012220662 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012220664 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012249889 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012249899 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012249957 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

Assignments Registered

2012275783 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012275785 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012275786 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012275788 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012329204 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012329206 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2012329208 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2013210055 E. I. du Pont De Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2013210060 E. I. du Pont De Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2013219650 National University Corporation Mie University The patent has been assigned to **Tohoku University**

2013258014 Elanco Tiergesundheits AG The patent has been assigned to **Intervet International B.V.**

2013337638 Bioverativ USA Inc. The patent has been assigned to **Recordati UK Ltd**

2013345216 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2013345217 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2013345220 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2013373000 E. I. du Pont de Nemours and Company The patent has been assigned to **The Chemours Company FC,LLC**

2014273043 CURADIGM SAS The patent has been assigned to **Nanobiotix**

2014273193 Elanco Tiergesundheits AG The patent has been assigned to **Intervet International B.V.**

2015223083 DeAngelo Contracting Services, LLC The patent has been assigned to **The Truesdell Corporation**

2015324083 Trinity Bay Equipment Holdings, LLC The patent has been assigned to **FlexSteel USA, LLC**

2015352685 CURADIGM SAS The patent has been assigned to **Nanobiotix**

2017247235 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017263316 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017264109 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

Assignments Registered

2017296991 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017297575 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017298225 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017300354 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017301071 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017302541 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017302774 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017303719 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017308812 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017316222 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017334682 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017340216 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017354721 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017361539 Eiger BioPharmaceuticals, Inc.; The Board of Trustees of the Leland Stanford Junior University The patent has been assigned to **The Board of Trustees of the Leland Stanford Junior University; Amylyx Pharmaceuticals, Inc.**

2017383771 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2017387731 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018215316 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018216827 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018257199 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018257334 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018263907 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018284829 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018284843 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018286127 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

Assignments Registered

2018289655 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018289916 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018289918 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018291354 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018308491 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018328285 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018349996 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2018369297 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2019200448 Bioverativ USA Inc. The patent has been assigned to **Recordati UK Ltd**

2019202648 Trinity Bay Equipment Holdings, LLC The patent has been assigned to **FlexSteel USA, LLC**

2019207624 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2019215108 Trinity Bay Equipment Holdings, LLC The patent has been assigned to **FlexSteel USA, LLC**

2019246989 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2019248164 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2019248657 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2019265902 FG Innovation Company Limited; Sharp Kabushiki Kaisha The patent has been assigned to **Sharp Kabushiki Kaisha**

2019381908 Institute of Acoustics, Chinese Academy of Sciences; Beijing Hili Technology Co. Ltd The patent has been assigned to **Institute of Acoustics, Chinese Academy of Sciences; Institute of Acoustics, Chinese Academy of Sciences**

2020102505 Shenyang University of Chemical Technology The patent has been assigned to **Jiangsu Ruiba New Material Technology Co., Ltd.**

2020204105 Ampsource Biopharma Shanghai Inc. The patent has been assigned to **Dartsbio Pharmaceuticals Ltd.; Zhejiang Tianyu Pharmaceutical Co., Ltd.**

2020210202 Trinity Bay Equipment Holdings, LLC The patent has been assigned to **FlexSteel USA, LLC**

2020328064 Biocompatibles UK Limited; Ramadhyani, Satish; Kveen, Craig; Natesan, Harishankar The patent has been assigned to **Biocompatibles UK Limited**

2021103998 Lewis Woolcott Pty Ltd The patent has been assigned to **LWARE Pty Ltd**

2021105258 LEWIS WOOLCOTT PTY LTD The patent has been assigned to **LWARE Pty Ltd**

Assignments Registered

- 2021105636 545490 Pty. Ltd. The patent has been assigned to **Karta USA Inc**
- 2021106996 LG Utilities Pty Ltd The patent has been assigned to **PilonTEK Pty Ltd**
- 2021107225 LEWIS WOOLCOTT PTY LTD The patent has been assigned to **LWARE Pty Ltd**
- 2021204177 Trinity Bay Equipment Holdings, LLC The patent has been assigned to **FlexSteel USA, LLC**
- 2021253926 Akston Biosciences Corporation The patent has been assigned to **Vakston, Inc.**
- 2021266574 FLSmith A/S The patent has been assigned to **FLS-midith Cement A/S**
- 2021329457 SHANGHAI RUIHUKANG PHARMACEUTICAL PARTNERSHIP (LIMITED PARTNERSHIP) The patent has been assigned to **Kevici (Shanghai) Pharmaceutical Co., Ltd.**
- 2022231665 Akston Biosciences Corporation The patent has been assigned to **Vakston, Inc.**
- 2022291620 Pall Corporation The patent has been assigned to **Cytiva US LLC**
- 2022291622 Pall Corporation The patent has been assigned to **Cytiva US LLC**
- 2022291623 Pall Corporation The patent has been assigned to **Cytiva US LLC**
- 2022291631 Pall Corporation The patent has been assigned to **Cytiva US LLC**
- 2022291655 Pall Corporation The patent has been assigned to **Cytiva US LLC**
- 2022291661 Pall Corporation The patent has been assigned to **Cytiva US LLC**
- 2022291662 Pall Corporation The patent has been assigned to **Cytiva US LLC**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2017299673 **Janssen Biotech, Inc.**

The earliest first regulatory approval date provided by the patentee 26 Sep 2024

For the goods TALVEY talquetamab

Applications Accepted

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

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

2017299673 **Janssen Biotech, Inc.**

The earliest first regulatory approval date provided by the patentee 26 Sep 2024

For the goods TALVEY talquetamab

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Accepted

Address for service : Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2021206895 **Pfizer Inc.**

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

For the goods Prevenar pneumococcal polysaccharide

Address for service : Davies Collison Cave Pty Ltd Level 15 1 Nicholson Street Melbourne VIC 3000 AU

Extensions granted

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

2013205270 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods AWIQLI insulin icodec

Extension of Term of patent pursuant to Section 77 expires on 13 Mar 2034

2013205275 **Novo Nordisk A/S**

The earliest first regulatory approval date provided by the patentee 28 Jun 2024

For the goods AWIQLI insulin icodec

Extension of Term of patent pursuant to Section 77 expires on 13 Mar 2034

Corrigenda

In Vol 58 , No 40 , Page(s) 5870 under the heading **Applications Accepted - Name Index** Under the name Mitsubishi Tanabe Pharma Corporation, Application No. 2020252710, under INID (54) correct the title to COMPOUND, METHOD AND PHARMACEUTICAL COMPOSITION FOR MODULATING EXPRESSION OF DUX4

In Vol 59 , No 5 , Page(s) 582 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2018** Delete all reference to 2018100924.

In Vol 59 , No 8 , Page(s) 993 under the heading **Amendments - Application for Amendments** Under the name Intellia Therapeutics, Inc., Patent Application No. 2018338915 correct the date of the statements filed to read 09 Jan 2025 and 17 Jan 2025

In Vol 59 , No 8 , Page(s) 993 under the heading **Amendments - Application for Amendments** Under the name TargImmune Therapeutics AG, Patent Application No. 2021203336 correct the date of the statements filed to read 23 Jan 2025 and 07 Feb 2025

Specifications Republished

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

2017379382 **Daiichi Sankyo Company, Limited**
 2019336344 **Raz Design Inc.**
 2020200850 **CATERPILLAR INC.**
 2021251557 **Yoshino Gypsum Co., Ltd.**
 2021405739 **RED BULL GMBH**