



Australian Government

IP Australia

AUSTRALIAN OFFICIAL JOURNAL

OF

PATENTS

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General Information

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

Editorial enquiries

Contact information

Freedom of Information ACT

Professional Standards Board

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Requests for Information under Section 194 (c)

Country Codes

Trade Mark and Designs Hearing Sessions

INID (Internationally agreed Numbers for the Identification of Data)

GUIDE TO THE USE OF THIS JOURNAL

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

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

(i) FILING -

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

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

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

(iii) ACCEPTANCE –

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

(iv) OPPOSITION –

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

(v) GRANTING –

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

(vi) CERTIFICATION

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

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

How To Identify Information Using "INID" Numbers

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

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

(22) 12.10.91

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

How Australian Patent Documents are Numbered

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

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

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

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

See Examples:

2011236254 and 2000023658 (Standard Complete)

2011158589 (Innovation Complete)

2011902365 (Provisional)

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

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

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

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

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

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

Arrangement of Information in the Journal

For each of the categories

- (i) Provisional Applications Filed,
- (ii) Complete Applications Filed,
- iii) Applications Open to Public Inspection
- (iv) Applications Accepted, and
- (v) Innovation Patent Certified.

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

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

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

Using the Indices

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

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

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

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

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

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

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

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

The following Numerical Indices are available:

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

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

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

The indices to use are

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

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

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

'INID' NUMBERS in use on Australian Patent Documents

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

(10) Document identification

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

(20) Document filing data

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

(30) Priority data

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

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

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

(50) Technical Information

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

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

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

(70) Identification of parties concerned with the document

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

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

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

NOTE

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

AU-A = Pre-examination

AU-B = Post-examination

- (2) The classification used is the International Patent Classification and is identified by the INID code (51). Further editions of the classification are identified as (51)₂, (51)₃, (51)₄ and (51)₅.
- (3) INID code 74 provides for the name of the patent attorney, or firm of attorneys, prosecuting an application.

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 19 Oct 2021 .

(71) Abra Aluminium (21) 2021903389 (22) 22.10.2021 (54) Energy conversion apparatus	(71) CardPay Group Pty Ltd (21) 2021903371 (22) 21.10.2021 (54) TRANSACTION VERIFICATION SYSTEM AND METHOD THEREFOR	(71) Commonwealth Scientific and Industrial Research Organisation (21) 2021903403 (22) 25.10.2021 (54) Multi-Sensor Navigation
(71) Atmo Biosciences Pty Ltd (21) 2021903378 (22) 21.10.2021 (54) Method, program, and apparatus for determining location of ingestible capsule	CHEUNG, D.C.L. see LU, M.S. (21) 2021903382	(71) CQMS PTY LTD (21) 2021903375 (22) 21.10.2021 (54) AN EXCAVATOR WEAR ASSEMBLY
(71) Audeh, N. (21) 2021903348 (22) 19.10.2021 (54) Herbal mixtures	(71) Children's Medical Research Institute (21) 2021903328 (22) 18.10.2021 (54) Methods and nucleic acid molecules for AAV vector selection	(71) CSL Innovation Pty Ltd (21) 2021903362 (22) 20.10.2021 (54) Methods for treating or preventing acute respiratory distress syndrome
(71) Audeh, N. (21) 2021903349 (22) 19.10.2021 (54) Herbal mixtures, methods of making them and methods using them	CHIU, H.K. see LU, M.S. (21) 2021903382	(71) DIMER TECHNOLOGIES PTY. LTD. (21) 2021903346 (22) 18.10.2021 (54) A process and plant of vacuum pressure swing adsorption for producing pure carbon dioxide from industrial off-gas containing CO2
(71) Australian National University (21) 2021903393 (22) 22.10.2021 (54) Method of fabricating a catalysts on a substrate	(71) Clift, N. (21) 2021903356 (22) 19.10.2021 (54) Equilibrium	(71) Dot Design Group Pty Ltd (21) 2021903334 (22) 18.10.2021 (54) UN rail 30
BARNES, T.H. see LU, M.S. (21) 2021903382	(71) Clinical Governance Australia Pty Ltd (21) 2021903331 (22) 18.10.2021 (54) Inflatable sports net	(71) Dot Design Group Pty Ltd (21) 2021903335 (22) 18.10.2021 (54) UF rail 30
(71) Blue Economy CRC-Co Ltd (21) 2021903329 (22) 18.10.2021 (54) Coupling for a flexible element	(71) Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd (21) 2021903366 (22) 20.10.2021 (54) Production of phospholipids in microbes and uses thereof	(71) Dot Design Group Pty Ltd (21) 2021903336 (22) 18.10.2021 (54) PBS rail 30
(71) Brodzeli, Z. (21) 2021903402 (22) 25.10.2021 (54) Fully autonomous undersea surveillance and communications system	(71) Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd (21) 2021903367 (22) 20.10.2021 (54) Compositions and methods for producing aromas	(71) Dot Design Group Pty Ltd (21) 2021903338 (22) 18.10.2021 (54) PE rail 30
(71) Calix Ltd (21) 2021903330 (22) 18.10.2021 (54) PROCESSES AND METHODS FOR PRODUCTION OF IRON AND STEEL		(71) DOT DESIGN GROUP PTY LTD (21) 2021903333 (22) 18.10.2021 (54) MS rail 30

Provisional Applications Filed - Name Index cont'd

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903337 (22) 18.10.2021
(54) FTB rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903339 (22) 18.10.2021
(54) AO rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903340 (22) 18.10.2021
(54) AFR rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903341 (22) 18.10.2021
(54) VFR rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903342 (22) 18.10.2021
(54) HBB rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903343 (22) 18.10.2021
(54) RLS rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903344 (22) 18.10.2021
(54) FLP rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903345 (22) 18.10.2021
(54) FZ rail 30

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903359 (22) 20.10.2021
(54) snap on 40

(71) DOT DESIGN GROUP PTY LTD
(21) 2021903360 (22) 20.10.2021
(54) G2 wobbler

(71) DSI Underground Australia Pty Limited
(21) 2021903327 (22) 18.10.2021
(54) A nut assembly

Dybing, S. see Fonterra Co-operative Group Limited
(21) 2021903372

(71) Falzon, J.
(21) 2021903400 (22) 25.10.2021
(54) Improvements in or in relation to ladder stabilisation

(71) Fonterra Co-operative Group Limited; Hill, J.; Dybing, S.; Williams, L.
(21) 2021903372 (22) 21.10.2021
(54) APPARATUS AND METHOD FOR DE-COMPOSING GAS

(71) Gaylard, C.
(21) 2021903347 (22) 18.10.2021
(54) A PILE INSTALLATION APPARATUS AND METHOD OF USE THEREOF

(71) Gaylard, C.
(21) 2021903395 (22) 22.10.2021
(54) A PILE INSTALLATION APPARATUS AND METHOD OF USE THEREOF

(71) Glen, G.
(21) 2021903354 (22) 19.10.2021
(54) Compactor

(71) Habla Zig-Zag Kilns International Pty. Ltd.
(21) 2021903363 (22) 20.10.2021
(54) A Continuous Kiln

(71) Hanton, R.
(21) 2021903401 (22) 25.10.2021
(54) Foldable landing net

(71) Harris, M.
(21) 2021903391 (22) 22.10.2021
(54) Animal feed bin or feeder

Hill, J. see Fonterra Co-operative Group Limited
(21) 2021903372

(71) Innovation Fishing Pty Ltd
(21) 2021903332 (22) 18.10.2021
(54) APPARATUS AND METHOD FOR DISPENSING ATTRACTANT INTO A BODY OF WATER

(71) Intangible Assets Development Pty Ltd
(21) 2021903379 (22) 21.10.2021
(54) Gear Arrangement

(71) James, J.
(21) 2021903406 (22) 25.10.2021
(54) Unit storage system

(71) KINALTEK PTY. LTD.
(21) 2021903404 (22) 25.10.2021
(54) Direct production of carbon-silicon composites

(71) Lions Eye Institute Limited
(21) 2021903392 (22) 22.10.2021
(54) System and method for non-invasive determination of intracranial pressure

(71) LU, M.S.; CHEUNG, D.C.L.; CHIU, H.K.; BARNES, T.H.
(21) 2021903382 (22) 22.10.2021
(54) Apparatus for supplying fluid to a tissue area

(71) Lynx Systems Pty Ltd
(21) 2021903376 (22) 21.10.2021
(54) Building Frame System

(71) Maalouf, R.
(21) 2021903407 (22) 25.10.2021
(54) A SYSTEM FOR SIGNING DOCUMENTS ELECTRONICALLY

(71) Manozho, T.
(21) 2021903322 (22) 18.10.2021
(54) Early Years Children's Self Assessment Resources

(71) Meat & Livestock Australia Limited
(21) 2021903369 (22) 21.10.2021
(54) COMPUTER IMPLEMENTED SYSTEM, METHOD AND DEVICE FOR COUNTING ANIMALS

(71) Mesoblast International Sarl
(21) 2021903365 (22) 20.10.2021
(54) Method of treating progressive heart failure in subjects with Class II heart failure

(71) Nepean Conveyors Pty Ltd
(21) 2021903368 (22) 21.10.2021
(54) CONVEYOR SYSTEM & METHOD

(71) Neuren Pharmaceuticals Limited
(21) 2021903383 (22) 22.10.2021
(54) PROCESS FOR PREPARING BICYCLIC GLYCINE-PROLINE COMPOUNDS AND MONOCYCLIC GLYCINE-PROLINE INTERMEDIATES THEREOF

(71) Neuren Pharmaceuticals Limited
(21) 2021903384 (22) 22.10.2021
(54) PROCESS FOR PREPARING BICYCLIC GLYCINE-PROLINE COMPOUNDS AND MONOCYCLIC GLYCINE-PROLINE INTERMEDIATES THEREOF

(71) NewSouth Innovations Pty Limited
(21) 2021903326 (22) 18.10.2021
(54) Sodium bismuth titanate catalyst

(71) NewSouth Innovations Pty Limited
(21) 2021903353 (22) 19.10.2021
(54) Sample holding apparatus and testing methods for underwater impact testing

Provisional Applications Filed - Name Index cont'd

(71) NewSouth Innovations Pty Limited
 (21) 2021903408 (22) 25.10.2021
 (54) Plasmonic nanoparticle dimers and use of same in biosensing

Nourish Ingredients Pty Ltd see Commonwealth Scientific and Industrial Research Organisation
 (21) 2021903366

Nourish Ingredients Pty Ltd see Commonwealth Scientific and Industrial Research Organisation
 (21) 2021903367

(71) Octavian & Desmond PTY LTD
 (21) 2021903370 (22) 21.10.2021
 (54) Cyclodextrin complexes and methods of producing thereof, and preparations for oral and enteral use

(71) OncoRes Medical Pty Ltd
 (21) 2021903355 (22) 19.10.2021
 (54) An Attachment For An Elastography Device

(71) QSIC Pty Ltd
 (21) 2021903396 (22) 22.10.2021
 (54) Multidimensional testing for advertisement impact evaluation

(71) Ruakura Technologies Limited
 (21) 2021903394 (22) 22.10.2021
 (54) COMPOSITIONS AND METHODS FOR INDUCING AN IMMUNE RESPONSE

(71) Runcie, J.
 (21) 2021903380 (22) 21.10.2021
 (54) Integrated Phytoplankton Analyser

(71) S & Z Australia Pty Ltd
 (21) 2021903361 (22) 20.10.2021
 (54) Drill head and method for the removal of underground piping

(71) Scolaro, A.
 (21) 2021903351 (22) 19.10.2021
 (54) A Concept for a Power Drive

(71) Scolaro, A.
 (21) 2021903388 (22) 22.10.2021
 (54) A Concept for a Power Drive Type B

(71) Scolaro, A.
 (21) 2021903397 (22) 23.10.2021
 (54) A Concept for a Power Drive XD

(71) Sen Technology
 (21) 2021903386 (22) 22.10.2021
 (54) An intracranial aneurysm risk diagnostic tool

(71) SILICON QUANTUM COMPUTING PTY LTD
 (21) 2021903398 (22) 24.10.2021
 (54) SYSTEM AND METHOD FOR ANALOGUE QUANTUM SIMULATION IN SEMICONDUCTORS

(71) St Vincent's Institute of Medical Research
 (21) 2021903373 (22) 21.10.2021
 (54) Methods for treating disorders

(71) Szymanski, M.
 (21) 2021903381 (22) 21.10.2021
 (54) COOKING APPLIANCE

(71) Tessara Therapeutics Pty Ltd
 (21) 2021903385 (22) 22.10.2021
 (54) Improved cellularised hydrogel compositions and related methods

(71) The Macfarlane Burnet Institute for Medical Research and Public Health Ltd
 (21) 2021903323 (22) 18.10.2021
 (54) ANTIVIRAL AGENT

(71) The Macfarlane Burnet Institute for Medical Research and Public Health Ltd
 (21) 2021903324 (22) 18.10.2021
 (54) MODIFIED IMMUNOGLOBULIN AND METHOD OF USE THEREOF (3)

(71) The University of Melbourne
 (21) 2021903377 (22) 21.10.2021
 (54) CHIMERIC BETACORONAVIRUS SPIKE POLYPEPTIDES

(71) The University of Queensland
 (21) 2021903325 (22) 18.10.2021
 (54) A composition for additive manufacturing

(71) Turner, I.
 (21) 2021903350 (22) 19.10.2021
 (54) TEKTITE MODEL OF MEDIA

Williams, L. see Fonterra Co-operative Group Limited
 (21) 2021903372

(71) Wilson, N.
 (21) 2021903352 (22) 19.10.2021
 (54) Childbirth support apparatus

(71) Windsun Pte Ltd
 (21) 2021903387 (22) 22.10.2021
 (54) DAMPING ASSEMBLY FOR WIND TURBINES

(71) Wolstenholme, J.
 (21) 2021903319 (22) 15.10.2021
 (54) Multiple use loading systems trailers and other

(71) Yassine, L.
 (21) 2021903364 (22) 20.10.2021
 (54) A loofah

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2021903323	The Macfarlane Burnet Institute for Medical Research and Public Health Ltd	2021903389	Abra Aluminium
2021903324	The Macfarlane Burnet Institute for Medical Research and Public Health Ltd	2021903391	Harris, M.
2021903325	The University of Queensland	2021903392	Lions Eye Institute Limited
2021903326	NewSouth Innovations Pty Limited	2021903393	Australian National University
2021903327	DSI Underground Australia Pty Limited	2021903394	Ruakura Technologies Limited
2021903328	Children's Medical Research Institute	2021903395	Gaylard, C.
2021903329	Blue Economy CRC-Co Ltd	2021903396	QSIC Pty Ltd
2021903330	Calix Ltd	2021903397	Scolaro, A.
2021903331	Clinical Governance Australia Pty Ltd	2021903398	SILICON QUANTUM COMPUTING PTY LTD
2021903332	Innovation Fishing Pty Ltd	2021903400	Falzon, J.
2021903333	DOT DESIGN GROUP PTY LTD	2021903401	Hanton, R.
2021903334	Dot Design Group Pty Ltd	2021903402	Brodzeli, Z.
2021903335	Dot Design Group Pty Ltd	2021903403	Commonwealth Scientific and Industrial Research Organisation
2021903336	Dot Design Group Pty Ltd	2021903404	KINALTEK PTY. LTD.
2021903337	DOT DESIGN GROUP PTY LTD	2021903406	James, J.
2021903338	Dot Design Group Pty Ltd	2021903407	Maalouf, R.
2021903339	DOT DESIGN GROUP PTY LTD	2021903408	NewSouth Innovations Pty Limited
2021903340	DOT DESIGN GROUP PTY LTD		
2021903341	DOT DESIGN GROUP PTY LTD		
2021903342	DOT DESIGN GROUP PTY LTD		
2021903343	DOT DESIGN GROUP PTY LTD		
2021903344	DOT DESIGN GROUP PTY LTD		
2021903345	DOT DESIGN GROUP PTY LTD		
2021903346	DIMER TECHNOLOGIES PTY. LTD.		
2021903347	Gaylard, C.		
2021903348	Audeh, N.		
2021903349	Audeh, N.		
2021903350	Turner, I.		
2021903351	Scolaro, A.		
2021903352	Wilson, N.		
2021903353	NewSouth Innovations Pty Limited		
2021903354	Glen, G.		
2021903355	OncoRes Medical Pty Ltd		
2021903356	Clift, N.		
2021903359	DOT DESIGN GROUP PTY LTD		
2021903360	DOT DESIGN GROUP PTY LTD		
2021903361	S & Z Australia Pty Ltd		
2021903362	CSL Innovation Pty Ltd		
2021903363	Habla Zig-Zag Kilns International Pty. Ltd.		
2021903364	Yassine, L.		
2021903365	Mesoblast International Sarl		
2021903366	Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd		
2021903367	Commonwealth Scientific and Industrial Research Organisation; Nourish Ingredients Pty Ltd		
2021903368	Nepean Conveyors Pty Ltd		
2021903369	Meat & Livestock Australia Limited		
2021903370	Octavian & Desmond PTY LTD		
2021903371	CardPay Group Pty Ltd		
2021903372	Fonterra Co-operative Group Limited; Hill, J.; Dybing, S.; Williams, L.		
2021903373	St Vincent's Institute of Medical Research		
2021903375	CQMS PTY LTD		
2021903376	Lynx Systems Pty Ltd		
2021903377	The University of Melbourne		
2021903378	Atmo Biosciences Pty Ltd		
2021903379	Intangible Assets Development Pty Ltd		
2021903380	Runcie, J.		
2021903381	Szymanski, M.		
2021903382	LU, M.S.; CHEUNG, D.C.L.; CHIU, H.K.; BARNES, T.H.		
2021903383	Neuren Pharmaceuticals Limited		
2021903384	Neuren Pharmaceuticals Limited		
2021903385	Tessara Therapeutics Pty Ltd		
2021903386	Sen Technology		

Complete Applications Filed

Name Index

Applications listed below were processed through the Patent Office Canberra during the period ending 19 Oct 2021 .

. (*) Title not in Roman characters

. (**) Title not given

<hr/> <p>(71) 6 Over 6 Vision Ltd. (21) 2021250915 (22) 14.10.2021 (54) APPARATUS, SYSTEM AND METHOD OF DETERMINING ONE OR MORE OPTICAL PARAMETERS OF A LENS (62) 2016261277</p> <hr/> <p>(71) Abbott Diabetes Care Inc. (21) 2021245245 (22) 08.10.2021 (54) System, device and method of dynamic glucose profile response to physiological parameters (62) 2016291569</p> <hr/> <p>(71) Adimab, LLC (21) 2021250973 (22) 15.10.2021 (54) Antibody libraries (62) 2019200298</p> <hr/> <p>(71) Advanced Animal Diagnostics, Inc. (21) 2021250867 (22) 12.10.2021 (54) Methods and compositions for reducing antibiotic administration to farm animals (62) 2017238217</p> <hr/> <p>(71) Advanced Inhalation Therapies (AIT) Ltd. (21) 2021250976 (22) 15.10.2021 (54) Nitric oxide inhalation therapy for infants with bronchiolitis (62) 2019283967</p> <hr/> <p>(71) AeroVironment, Inc. (21) 2021250957 (22) 15.10.2021 (54) Rotating lidar (62) 2016307705</p> <hr/> <p>(71) Afferent Pharmaceuticals, Inc. (21) 2021250851 (22) 12.10.2021 (54) Crystalline salts and polymorphs of a P2X3 antagonist (62) 2017378785</p> <hr/> <p>(71) Agenus Inc. (21) 2021250866 (22) 12.10.2021 (54) Class I MHC Phosphopeptides For Cancer Immunotherapy And Diagnosis (62) 2019204422</p> <hr/> <p>(71) AgriMetis, LLC (21) 2021245263 (22) 11.10.2021</p>	<p>(54) AZIRIDINE SPINOSYN DERIVATIVES AND METHODS OF MAKING (62) 2018207051</p> <hr/> <p>(71) AICHI Co., Ltd. (21) 2021250870 (22) 12.10.2021 (54) CASTER DEVICE (31) 2020-185891 (32) 06.11.20 (33) JP</p> <hr/> <p>(71) Alarm.Com Incorporated (21) 2021250874 (22) 12.10.2021 (54) PROVIDING INTERNET ACCESS THROUGH A PROPERTY MONITORING SYSTEM (62) 2016228537</p> <hr/> <p>(71) ALLEGIANCE CORPORATION (21) 2021250910 (22) 13.10.2021 (54) Water-based hydrogel blend coating and method of application to elastomeric articles (62) 2020227010</p> <hr/> <p>(71) alpha-En Corporation (21) 2021250865 (22) 12.10.2021 (54) High purity lithium and associated products and processes (62) 2016270313</p> <hr/> <p>(71) American Greetings Corporation (21) 2021245241 (22) 08.10.2021 (54) Pop-up with lock mechanism (31) 17/074,828 (32) 20.10.20 (33) US</p> <hr/> <p>(71) AMVAC Hong Kong Limited (21) 2021250880 (22) 13.10.2021 (54) Electronically pulsing agricultural product with seed utilizing seed transport mechanism (62) 2017296383</p> <hr/> <p>(71) Angel Group Co., Ltd. (21) 2021245247 (22) 08.10.2021 (54) CARD READING DEVICE AND TABLETOP GAME SYSTEM (62) 2019204752</p> <hr/> <p>(71) Apple Inc. (21) 2021245251 (22) 08.10.2021 (54) Systems, methods, and user interfaces for headphone fit adjustment and audio output control (62) 2020239693</p>	<hr/> <p>(71) Apple Inc. (21) 2021250863 (22) 12.10.2021 (54) Restricted operation of an electronic device (62) 2020239670</p> <hr/> <p>(71) Apple Inc. (21) 2021250882 (22) 13.10.2021 (54) Device, method, and graphical user interface for managing authentication credentials for user accounts (62) 2019281406</p> <hr/> <p>(71) Apple Inc. (21) 2021250944 (22) 15.10.2021 (54) Image data for enhanced user interactions (62) 2020201721</p> <hr/> <p>ARCHERDX, LLC see THE GENERAL HOSPITAL CORPORATION (21) 2021245236</p> <hr/> <p>(71) Arena Pharmaceuticals, Inc. (21) 2021249972 (22) 11.10.2021 (54) Crystalline L-arginine salt of (R)-2-(7-(4-cyclopentyl-3-(trifluoromethyl)benzyloxy)-1,2,3,4-tetrahydrocyclo-penta[b]indol-3-yl)acetic acid(Compound1) for use in S1P1 receptor-associated disorders (62) 2020204164</p> <hr/> <p>(71) Ares Trading S.A. (21) 2021250949 (22) 15.10.2021 (54) Liquid Pharmaceutical Composition (62) 2015371381</p> <hr/> <p>(71) ASPECT FURNITURE SYSTEMS LIMITED (21) 2021250954 (22) 15.10.2021 (54) ROOM POD</p> <hr/> <p>(71) Australian Ramp Systems Pty Ltd (21) 2021245260 (22) 09.10.2021 (54) Hand Rail and Kick Plate Assembly (62) 2019264636</p> <hr/> <p>(71) B&L Biotech, Inc.; Lee, I.W. (21) 2021245261 (22) 11.10.2021</p>
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Complete Applications Filed - Name Index cont'd

(54) Tooth model for tooth treatment practice and method for manufacturing the same
 (31) 10-2021-0086444 (32) 01.07.21 (33) KR

(71) B&L Biotech, Inc.; Lee, I.W.
 (21) 2021245262 (22) 11.10.2021
 (54) Endodontic file holder
 (31) 10-2021-0072497 (32) 04.06.21 (33) KR

(71) Becton, Dickinson and Company
 (21) 2021250945 (22) 15.10.2021
 (54) Universal disinfecting cap
 (62) 2019337628

(71) Becton, Dickinson and Company
 (21) 2021250966 (22) 15.10.2021
 (54) Antimicrobial caps for medical connectors
 (62) 2020203539

(71) Biotheryx, Inc
 (21) 2021250904 (22) 13.10.2021
 (54) Pyridinethiones, pharmaceutical compositions thereof, and their therapeutic use for treating a proliferative, inflammatory, neurodegenerative, or immune-mediated disease
 (62) 2017266878

(71) Boston Scientific Scimed, Inc.
 (21) 2021250888 (22) 13.10.2021
 (54) Inflatable penile prosthesis having a cylinder with a porous portion
 (62) 2019251002

(71) Brown, D.
 (21) 2021250847 (22) 12.10.2021
 (54) Compositions and methods to improve the therapeutic benefit of suboptimally administered chemical compounds including substituted hexitols such as dibromodulcitol
 (62) 2019213388

(71) Cabbacis LLC
 (21) 2021245244 (22) 08.10.2021
 (54) METHODS AND PRODUCTS TO FACILITATE SMOKERS SWITCHING TO A TOBACCO HEATING PRODUCT OR E-CIGARETTES
 (62) 2019312297

(71) Cancer Research Technology Limited
 (21) 2021250911 (22) 13.10.2021
 (54) MODULATORS OF THE SRC-KINASE ACTIVITY FOR PREVENTING OR TREATING METASTATIC CANCER
 (62) 2019229363

(71) Canon Kabushiki Kaisha
 (21) 2021250892 (22) 13.10.2021

(54) Method, apparatus and system for encoding and decoding a tree of blocks of video samples
 (62) 2019201649

(71) Cantor Index LLC
 (21) 2021250900 (22) 13.10.2021
 (54) SYSTEM AND METHOD FOR GENERATING CUSTOMIZED ODDS BETS FOR AN EVENT
 (62) 2019271920

(71) Cap Trac Ltd
 (21) 2021247931 (22) 11.10.2021
 (54) FLOORING ELEMENT
 (31) GB2016178.2 (32) 12.10.20 (33) GB

(71) Cardinal Health 529, LLC
 (21) 2021250872 (22) 12.10.2021
 (54) System for re-entering a vessel lumen
 (62) 2020200739

(71) Celularity Inc.
 (21) 2021250864 (22) 12.10.2021
 (54) METHODS FOR ISOLATION OF PLATELETS
 (62) 2015374049

(71) CHINA UNIVERSITY OF PETROLEUM—BEIJING
 (21) 2021250869 (22) 12.10.2021
 (54) CONSTRUCTION METHOD OF HYDROCARBON SOURCE ROCK EFFECTIVENESS EVALUATION MODEL AND EVALUATION METHOD OF HYDROCARBON SOURCE ROCK EFFECTIVENESS
 (31) 2021100076941 (32) 05.01.21 (33) CN

(71) ClearStream Technologies Limited
 (21) 2021245242 (22) 08.10.2021
 (54) Embolization devices and methods of manufacturing the same
 (62) 2019441553

(71) CNH Industrial Belgium N.V.
 (21) 2021254671 (22) 22.10.2021
 (54) AN AGRICULTURAL SYSTEM
 (62) 2018264957

(71) ConMed Corporation
 (21) 2021245234 (22) 08.10.2021
 (54) Orthopedic drill bit with swiveling head
 (62) 2018282748

(71) ConMed Corporation
 (21) 2021250955 (22) 15.10.2021
 (54) Multi-density all suture anchor
 (62) 2018384805

(71) ConMed Corporation
 (21) 2021254557 (22) 19.10.2021
 (54) Suture anchor construct and deployment device
 (62) 2018279892

(71) ConMed Corporation
 (21) 2021254595 (22) 20.10.2021
 (54) Self-drilling all-suture anchor inserter
 (62) 2018307917

(71) CREO MEDICAL LIMITED
 (21) 2021250961 (22) 15.10.2021
 (54) ELECTROSURGICAL INSTRUMENT
 (62) 2016342141

(71) CYCLINGDEAL USA, INC.
 (21) 2021250937 (22) 14.10.2021
 (54) BICYCLE PARKING RACK

(71) Cynosure, Inc.
 (21) 2021245265 (22) 11.10.2021
 (54) METHODS AND APPARATUS FOR CONTROLLED RF TREATMENTS AND RF GENERATOR SYSTEM
 (62) 2019217623

(71) Danstar Ferment AG
 (21) 2021245246 (22) 08.10.2021
 (54) Methods for the improvement of organoleptic properties of must, non-fermented and fermented beverages
 (62) 2020202032

(71) Daon Holdings Limited
 (21) 2021245249 (22) 08.10.2021
 (54) ENHANCED LIVENESS DETECTION OF FACIAL IMAGE DATA
 (31) 17/075,865 (32) 21.10.20 (33) US

(71) Deere & Company
 (21) 2021250931 (22) 14.10.2021
 (54) Closure arrangement for tank opening of agricultural machine
 (62) 2016225814

(71) Dexcom, Inc.
 (21) 2021245266 (22) 11.10.2021
 (54) Transcutaneous analyte sensors, applicators therefor, and associated methods
 (62) 2018295116

(71) Doknip Biopharm Co.
 (21) 2021245231 (22) 08.10.2021
 (54) Pharmaceutical composition comprising attenuated streptococcus pneumoniae strains and use thereof
 (62) 2018257122

Complete Applications Filed - Name Index cont'd

(71) Ducati Motor Holding S.p.A.
(21) 2021250943 (22) 15.10.2021
(54) Dashboard unit with adjustable inclination for a motorcycle
(31) 102020000025837 (32) 30.10.20 (33) IT

(71) Ducati Motor Holding S.p.A.
(21) 2021254511 (22) 18.10.2021
(54) Improved windscreen with an adjustable height for a motorcycle
(31) 102020000025822 (32) 30.10.20 (33) IT

(71) Eagle View Technologies, Inc.
(21) 2021250975 (22) 15.10.2021
(54) STATISTICAL POINT PATTERN MATCHING TECHNIQUE
(62) 2019272032

(71) Eden Research PLC
(21) 2021250908 (22) 13.10.2021
(54) Encapsulation of High Potency Active Agents
(62) 2020202377

(71) Eiden Co., Ltd.
(21) 2021250922 (22) 14.10.2021
(54) Training belt and rubber ball member

(71) ESCO Group LLC
(21) 2021250890 (22) 13.10.2021
(54) Wear assembly
(62) 2020200180

(71) Evogene Ltd.
(21) 2021250877 (22) 12.10.2021
(54) Isolated polynucleotides and polypeptides, and methods of using same for increasing abiotic stress tolerance, yield, growth rate, vigor, biomass, oil content, and/or nitrogen use efficiency of plants
(62) 2019204578

(71) Exuma Biotech, Corp.
(21) 2021250935 (22) 14.10.2021
(54) Methods and compositions for transducing lymphocytes and regulated expansion thereof
(62) 2017236796

(71) Factor Bioscience Inc.
(21) 2021250972 (22) 15.10.2021
(54) Methods and products for expressing proteins in cells
(62) 2018264115

(71) Fasteners for Retail, Inc.
(21) 2021250905 (22) 13.10.2021
(54) RETAIL MERCHANDISE TRAY
(31) 17/080,353 (32) 26.10.20 (33) US

Fee, C. see **Fragranzi Limited**
(21) 2021250939

(71) FEENEY, L.
(21) 2021245235 (22) 08.10.2021
(54) A VISUAL TRACKING SYSTEM AND METHOD
(62) 2016277461

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021250893 (22) 13.10.2021
(54) AUTOMATICALLY ADJUSTING HEADGEAR FOR PATIENT INTERFACE
(62) 2019208165

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(21) 2021250960 (22) 15.10.2021
(54) Medical tubes for respiratory systems
(62) 2020202690

(71) Focused Technology Solutions, Inc.
(21) 2021245248 (22) 08.10.2021
(54) Railroad spike remover
(62) 2020200080

(71) Fragranzi Limited; Fee, C.
(21) 2021250939 (22) 15.10.2021
(54) Fragrance Manufacture and Screening Techniques

(71) Fresenius Medical Care Holdings, Inc.
(21) 2021250873 (22) 12.10.2021
(54) Systems and methods for treating and estimating progression of chronic kidney disease
(62) 2018313853

(71) FST INNOVATION PTY LTD
(21) 2021250875 (22) 12.10.2021
(54) FIRE SPRINKLER SHUT OFF TOOL

Fundacio Hospital Universitari Vall D'Hebron-Institut De Recerca see The Trustees of Columbia University In The City Of New York
(21) 2021250841

(71) Genentech, Inc.
(21) 2021250887 (22) 13.10.2021
(54) Immunogenic mutant peptide screening platform
(62) 2015315005

(71) Genentech, Inc.
(21) 2021250946 (22) 15.10.2021
(54) Anti-TIGIT antibodies and methods of use
(62) 2019246814

(71) Gen-Probe Incorporated
(21) 2021250940 (22) 15.10.2021
(54) Compositions and method for detecting human parvovirus nucleic acid and for detecting hepatitis A virus nucleic acids in single-plex or multiplex assays
(62) 2019204018

(71) Gilead Sciences, Inc.
(21) 2021250891 (22) 13.10.2021
(54) Solid Forms of an HIV Capsid Inhibitor
(62) 2021206907

(71) Gilead Sciences, Inc.
(21) 2021250894 (22) 13.10.2021
(54) Solid Forms of an HIV Capsid Inhibitor
(62) 2021206907

(71) Green Cross Corporation; Mogam Institute for Biomedical Research
(21) 2021250834 (22) 11.10.2021
(54) Factor VIII or factor IX gene knockout rabbit, method for preparing same and use thereof
(62) 2018341437

(71) Halkey-Roberts Corporation
(21) 2021250861 (22) 12.10.2021
(54) Medical luer connector
(62) 2019232907

(71) HAMERYK-JANICKY, H.
(21) 2021250883 (22) 13.10.2021
(54) SYSTEMS AND METHODS FOR PROTECTING A VEHICLE AND/OR AN OCCUPANT OF THE VEHICLE
(31) 2020903717 (32) 13.10.20 (33) AU

(71) Handan Shiwei New Materials Co. Ltd.
(21) 2021254517 (22) 18.10.2021
(54) Use of ceramic blocks within liners of cone crushers
(62) 2017279587

(71) HOWMEDICA OSTEONICS CORP.
(21) 2021250842 (22) 11.10.2021
(54) SELF-BROACHING NECK PRE-SERVING HIP STEM
(31) 63/092,547 (32) 16.10.20 (33) US

(71) ICENTIA INC.
(21) 2021250923 (22) 14.10.2021
(54) Computer-implemented method of handling electrocardiogram data
(62) 2017354968

(71) Iconic Equestrian Pty Ltd
(21) 2021240328 (22) 04.10.2021
(54) Multi layer Saddle Pad and Liner Pad

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(71) Idaho Milk Products; South Dakota State University
 (21) 2021250921 (22) 14.10.2021
 (54) Process for manufacture of milk permeate powders
 (62) 2020202762

(71) Ilias Biologics Inc.
 (21) 2021250906 (22) 13.10.2021
 (54) Exosomes for target specific delivery and methods for preparing and delivering the same
 (62) 2018316803

(71) Illumina, Inc.
 (21) 2021245253 (22) 08.10.2021
 (54) Flow Cell With Flexible Connection
 (62) 2019270818

(71) Illumina, Inc.; Illumina Cambridge Limited
 (21) 2021250878 (22) 12.10.2021
 (54) Kinetic Exclusion Amplification Of Nucleic Acid Libraries
 (62) 2017390190

Illumina Cambridge Limited see Illumina, Inc.
 (21) 2021250878

(71) ImmunoGen, Inc.
 (21) 2021250837 (22) 11.10.2021
 (54) Anti-FOLR1 immunoconjugate dosing regimens
 (62) 2019250121

(71) Implantica Patent Ltd
 (21) 2021245239 (22) 08.10.2021
 (54) Abdominal Instrument And Method
 (62) 2018319204

(71) INCYTE CORPORATION
 (21) 2021250978 (22) 15.10.2021
 (54) HETEROCYCLIC COMPOUNDS AS IMMUNOMODULATORS
 (62) 2017281285

(71) Inhalió, Inc.
 (21) 2021250934 (22) 14.10.2021
 (54) Digital aroma cassette cartridge and matrix dispersion system for remote controls
 (62) 2016297926

(71) InPhoTech Spolka Z Ograniczona Odpowiedzialnoscia
 (21) 2021250898 (22) 13.10.2021
 (54) Waveguide Interferometer
 (62) 2017373550

(71) Intervet International B.V.
 (21) 2021250907 (22) 13.10.2021
 (54) Manufacturing of semi-plastic pharmaceutical dosage units
 (62) 2020201442

(71) Inuity, Inc.
 (21) 2021245257 (22) 08.10.2021
 (54) PROJECTION SCANNING SYSTEM
 (62) 2018306730

(71) Itron, Inc.
 (21) 2021250852 (22) 12.10.2021
 (54) Disaggregation of gas load to determine gas appliance performance
 (31) 17/127,678 (32) 18.12.20 (33) US

(71) Itron, Inc.
 (21) 2021250853 (22) 12.10.2021
 (54) Disaggregation of gas load to determine meter or service under-sizing
 (31) 17/127,713 (32) 18.12.20 (33) US

(71) Itron, Inc.
 (21) 2021250855 (22) 12.10.2021
 (54) Detection of low gas pressure without pressure sensors
 (31) 17/127,809 (32) 18.12.20 (33) US

(71) Itron, Inc.
 (21) 2021250859 (22) 12.10.2021
 (54) Gas regulator pressure-relief monitor
 (31) 17/127,880 (32) 18.12.20 (33) US

(71) Janssen Biotech, Inc.
 (21) 2021245259 (22) 09.10.2021
 (54) Culturing of human embryonic stem cells at the air-liquid interface for differentiation into pancreatic endocrine cells
 (62) 2018279009

(71) Janssen Pharmaceutica NV
 (21) 2021250925 (22) 14.10.2021
 (54) Compositions containing lbrutinib
 (62) 2016246669

(71) Jay At Play International Hong Kong Limited d/b/a Jay At Play
 (21) 2021250868 (22) 12.10.2021
 (54) Combination pillow and sleeping bag or blanket or comforter
 (62) 2020363970

(71) Kite Pharma, Inc.
 (21) 2021250858 (22) 12.10.2021
 (54) Treatment using chimeric receptor T cells incorporating optimized polyfunctional T cells
 (62) 2018250148

(71) Lanzhou Keshi Xixili Healthcare Technologies Co., Ltd
 (21) 2021245250 (22) 08.10.2021
 (54) A COMPOSITE POLYURETHANE CONDOM AND A PREPARATION METHOD THEREOF

Lee, I.W. see B&L Biotech, Inc.
 (21) 2021245261

Lee, I.W. see B&L Biotech, Inc.
 (21) 2021245262

(71) LG ELECTRONICS INC.
 (21) 2021245233 (22) 08.10.2021
 (54) LAUNDRY TREATING APPARATUS
 (31) 10-2020-0130147 (32) 08.10.20 (33) KR

(71) LG ELECTRONICS INC.
 (21) 2021250920 (22) 14.10.2021
 (54) LAUNDRY TREATMENT APPARATUS
 (31) 10-2020-0133270 (32) 15.10.20 (33) KR

(71) LG ELECTRONICS INC.
 (21) 2021250928 (22) 14.10.2021
 (54) LAUNDRY TREATING APPARATUS
 (31) 10-2020-0133272 (32) 15.10.20 (33) KR

(71) LG ELECTRONICS INC.
 (21) 2021250958 (22) 15.10.2021
 (54) LAUNDRY TREATING APPARATUS
 (31) 10-2020-0133269 (32) 15.10.20 (33) KR

(71) LG ELECTRONICS INC.
 (21) 2021250968 (22) 15.10.2021
 (54) LAUNDRY TREATING APPARATUS
 (31) 10-2020-0133271 (32) 15.10.20 (33) KR

(71) Lin, K.
 (21) 2021250964 (22) 15.10.2021
 (54) ZERO-CROSSING DETECTOR CAPABLE OF SAVING POWER

(71) Logan Cove Pty Ltd
 (21) 2021250936 (22) 14.10.2021
 (54) Trolley with Movable Shelves and a Self-Locking Mechanism
 (31) 2020903770 (32) 16.10.20 (33) AU

(71) Luong, Q.; Phi, Q.
 (21) 2021250980 (22) 15.10.2021
 (54) A MULTICOPTER

(71) Lzlabs GmbH
 (21) 2021250948 (22) 15.10.2021
 (54) LOAD MODULE COMPILER
 (62) 2016396782

Complete Applications Filed - Name Index cont'd

(71) Magic Leap, Inc.
 (21) 2021250895 (22) 13.10.2021
 (54) Virtual and augmented reality systems and methods having improved diffractive grating structures
 (62) 2020204550

(71) Magic Leap, Inc.
 (21) 2021250896 (22) 13.10.2021
 (54) Mixed reality system with spatialized audio
 (62) 2017305249

(71) McCormick & Company, Incorporated
 (21) 2021250959 (22) 15.10.2021
 (54) RF process for treating seasoning components
 (62) 2017260335

(71) Medical Microinstruments S.p.A.
 (21) 2021250974 (22) 15.10.2021
 (54) SURGICAL TOOL FOR ROBOTIC SURGERY AND ROBOTIC SURGICAL ASSEMBLY
 (62) 2016337029

(71) Merck Millipore Ltd.
 (21) 2021250856 (22) 12.10.2021
 (54) Chromatography membranes formed by thiol-ene or thiol-yne click polymerization reactions
 (62) 2016221431

(71) Mesoblast, Inc.
 (21) 2021250848 (22) 12.10.2021
 (54) Treatment of diseases of endothelial dysfunction and inflammation
 (62) 2019202960

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 (21) 2021250933

(71) Minton Treharne & Davies Australia Pty Ltd and Dr P Cook; Minton, J.
 (21) 2021250933 (22) 14.10.2021
 (54) Flow Moisture Point (FMP) and Transportable Moisture Limit (TML) Referral Test Material

Mogam Institute for Biomedical Research see Green Cross Corporation
 (21) 2021250834

(71) Monsanto Technology LLC
 (21) 2021250965 (22) 15.10.2021
 (54) Novel insect inhibitory proteins
 (62) 2017378816

(71) Monsanto Technology LLC
 (21) 2021250971 (22) 15.10.2021
 (54) Novel insect inhibitory proteins
 (62) 2017378816

(71) Moodagent A/S
 (21) 2021250903 (22) 13.10.2021
 (54) METHODS AND SYSTEMS FOR AUTOMATICALLY MATCHING AUDIO CONTENT WITH VISUAL INPUT
 (31) 20202313.1 (32) 16.10.20 (33) EM

(71) Mundt, M.
 (21) 2021245252 (22) 08.10.2021
 (54) Body Compression Sleepwear With A Leg Opening
 (31) 17/142,396 (32) 06.01.21 (33) US

(71) NeuroDerm Ltd
 (21) 2021250860 (22) 12.10.2021
 (54) Device for subcutaneous delivery of fluid medicament
 (62) 2018295533

(71) Neurovigil, Inc.
 (21) 2021250913 (22) 13.10.2021
 (54) Localized collection of biological signals, cursor control in speech-assistance interface based on biological electrical signals and arousal detection based on biological electrical signals
 (62) 2019204112

(71) NILO GLOBAL LIMITED
 (21) 2021245237 (22) 08.10.2021
 (54) Plastic processing apparatus and related methods
 (62) 2019394260

(71) Northrop Grumman Systems Corporation
 (21) 2021250919 (22) 14.10.2021
 (54) Magnetic flux source system
 (62) 2019295482

(71) Norton, M.
 (21) 2021250876 (22) 12.10.2021
 (54) The Portable Ventilation Fan – Blower Wet Back Stop Invention

(71) Novartis AG
 (21) 2021250843 (22) 11.10.2021
 (54) ANTIBODY-CYTOKINE ENGRAFTED PROTEINS AND METHODS OF USE IN THE TREATMENT OF CANCER
 (62) 2018274216

(71) Novozymes, Inc.
 (21) 2021250953 (22) 15.10.2021

(54) Methods for producing polypeptides in protease-deficient mutants of *Trichoderma*
 (62) 2019222857

(71) Ocado Innovation Limited
 (21) 2021250930 (22) 14.10.2021
 (54) Robotic parking device and handling method
 (62) 2018385444

(71) OILQUICK DEUTSCHLAND KG
 (21) 2021250899 (22) 13.10.2021
 (54) QUICK-CHANGE SYSTEM FOR CHANGING ATTACHMENTS ON A CONSTRUCTION MACHINE
 (31) 10 2020 127 313.4 (32) 16.10.20 (33) DE

(71) OnPoint Vision, Inc.
 (21) 2021245264 (22) 11.10.2021
 (54) Intraocular pseudophakic contact lenses and related systems and methods
 (62) 2020239672

(71) Opus Medical Therapies, LLC
 (21) 2021250836 (22) 11.10.2021
 (54) Transcatheter atrial sealing skirt, anchor, and tether and methods of implantation
 (62) 2018248292

(71) Opus Medical Therapies, LLC
 (21) 2021250884 (22) 13.10.2021
 (54) Transcatheter atrial sealing skirt, anchor and tether, and methods of implantation
 (62) 2018248292

(71) Oren Technologies, LLC
 (21) 2021245243 (22) 08.10.2021
 (54) System and method for delivering propant to a blender
 (62) 2016318965

(71) Osha Technologies Pty Ltd
 (21) 2021245258 (22) 08.10.2021
 (54) Communication system for communicating between mobile devices
 (31) 2020903670 (32) 09.10.20 (33) AU

(71) Oticon Medical A/S
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 (54) Distortion Compensation for Bone Anchored Hearing Device
 (31) 20203503.6 (32) 23.10.20 (33) EP

(71) Ovid Therapeutics Inc.
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(62) 2018389235

(71) PayPal, Inc.
(21) 2021250970 (22) 15.10.2021
(54) NFC mobile wallet processing systems and methods
(62) 2019283828

(71) Pearson, J.
(21) 2021250879 (22) 13.10.2021
(54) AN EXTENDIBLE ENCLOSURE
(62) 2016313250

(71) PedalCell LLC
(21) 2021250917 (22) 14.10.2021
(54) Power Management System
(62) 2018341693

(71) Pfizer Inc.
(21) 2021250850 (22) 12.10.2021
(54) DOSAGE REGIMEN FOR MADCAM ANTAGONISTS
(62) 2016205852

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(21) 2021250980

(71) PIRAINO, M.
(21) 2021250849 (22) 12.10.2021
(54) METHOD AND SYSTEM FOR FORMING A SUPPORT STRUCTURE SUCH AS A BED OR CHAIR FOR A USER ACCORDING TO THE USER'S REQUIREMENTS
(62) 2019204944

(71) Plaid Inc.
(21) 2021250924 (22) 14.10.2021
(54) Secure permissioning of access to user accounts, including secure deauthorization of access to user accounts
(62) 2016321166

(71) Pliteq Inc.
(21) 2021250969 (22) 15.10.2021
(54) IMPACT DAMPING MAT, EQUIPMENT ACCESSORY AND FLOORING SYSTEM
(62) 2015264791

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(21) 2021250840 (22) 11.10.2021
(54) Compositions and methods for detecting and treating ovarian cancer
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(71) Rakic, J.
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(54) A passive fire protection thermal shield for air gap insulating heat conductive services during the event of a fire
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(21) 2021250912 (22) 13.10.2021
(54) A Beverage Chilling Apparatus
(31) 2020903730 (32) 14.10.20 (33) AU

(71) RAYDIANT OXIMETRY, INC.
(21) 2021250962 (22) 15.10.2021
(54) SYSTEMS, DEVICES, AND METHODS FOR PERFORMING TRANS-ABDOMINAL FETAL OXIMETRY AND/OR TRANS-ABDOMINAL FETAL PULSE OXIMETRY
(62) 2016382973

(71) Rees Operations Pty Limited
(21) 2021250932 (22) 14.10.2021
(54) Noise Dampener For A Vehicle Hitch
(31) 63/105,350 (32) 25.10.20 (33) US

(71) Retaining Wall Supplies Limited
(21) 2021250881 (22) 13.10.2021
(54) A Retaining Wall
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(21) 2021245232 (22) 08.10.2021
(54) Systems and methods for determining context switching in conversation
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(71) Rupasinghe, H.
(21) 2021250845 (22) 11.10.2021
(54) Use of Diminazene Aceturate, Xanthone, ACE 2 activators or analogs for the Treatment and therapeutic use of COVID-19 on human patients.

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(54) Vehicle detection
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(71) Sentek Pty Ltd
(21) 2021250963 (22) 15.10.2021
(54) SOIL AUGER AND METHOD OF MANUFACTURE
(62) 2019246780

(71) SeralP AG
(21) 2021250871 (22) 12.10.2021

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(62) 2016368642

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(21) 2021250916 (22) 14.10.2021
(54) SOLAR CELL, METHOD FOR PREPARING SAME AND SOLAR CELL MODULE
(31) 202111064317.8 (32) 10.09.21 (33) CN

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(21) 2021250909 (22) 13.10.2021
(54) ROBOTIC CLEANER
(62) 2018329459

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(54) STEAM PRODUCTION SYSTEM FOR PROFESSIONAL COFFEE MACHINES
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(54) A mandibular advancement device
(62) 2016374640

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(21) 2021250921

(71) SPR Therapeutics, Inc.
(21) 2021250902 (22) 13.10.2021
(54) APPARATUS AND METHOD FOR POSITIONING, IMPLANTING AND USING A STIMULATION LEAD
(62) 2016340161

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(21) 2021245238 (22) 08.10.2021
(54) Patient support apparatuses with wireless headwall communication
(62) 2019257516

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(54) METHOD OF CLEANING BONE STOCK
(62) 2019203130

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(62) 2019283904

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 (54) PATIENT SUPPORT APPARATUS
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 (62) 2020297515

(71) TAO MINING CO., LTD.
 (21) 2021250952 (22) 15.10.2021
 (54) Method for Operating Health-Care
 Device
 (31) 110111869 (32) 31.03.21 (33) TW

(71) Techtronic Cordless GP
 (21) 2021250844 (22) 11.10.2021
 (54) Cutting apparatus
 (31) 202011104572.6 (32) 15.10.20 (33) CN

(71) Techtronic Cordless GP
 (21) 2021250977 (22) 15.10.2021
 (54) Power tool with an adjustable protective
 device
 (31) 202022347005.5 (32) 20.10.20 (33) CN

(71) Terra Quantum AG
 (21) 2021236527 (22) 23.09.2021
 (54) TECHNIQUES FOR DETERMINING
 A NUCLEAR MAGNETIC RESON-
 ANCE RELAXATION TIME AND/OR A
 NUCLEAR MAGNETIC RESONANCE
 SPECTRUM OF A PROBE
 (31) 20199026.4 (32) 29.09.20 (33) EP

(71) The Boeing Company
 (21) 2021250926 (22) 14.10.2021
 (54) Static dissipating coatings, electronic
 circuits comprising such coatings, and
 methods of forming such coatings and
 circuits
 (31) 63/107,108 (32) 29.10.20 (33) US
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 (54) Stabilization of whole blood samples
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 gnosis of Alzheimer's disease
 (62) 2019203874

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 ATION; ARCHERDX, LLC
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 (54) Methods of preparing nucleic acids for
 sequencing
 (62) 2015209079

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 Recerca
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 (54) Deoxynucleoside Therapy For Dis-
 eases Caused By Unbalanced Nuc-
 leotide Pools Including Mitochondrial
 DNA Depletion Syndromes
 (62) 2020204042

(71) TRACTO-TECHNIK GmbH & Co. KG
 (21) 2021254510 (22) 14.09.2021
 (54) Boomshot of an earth drill rod, drive
 element, boomshot system and earth
 drilling device
 (31) 102020005982.1 (32) 30.09.20 (33) DE

(71) Transitions Optical, Inc.
 (21) 2021250846 (22) 11.10.2021
 (54) Optical article with gradient light influ-
 encing properties and method of making
 the same
 (62) 2015413366

(71) Twilio Inc.
 (21) 2021250885 (22) 13.10.2021
 (54) Customizable cloud-based software
 platform
 (62) 2019234671

(71) UNIVERSAL RESEARCH SOLUTIONS
 LLC
 (21) 2021250942 (22) 15.10.2021
 (54) RESTRICTING RATINGS OF MED-
 ICAL SERVICE PROVIDERS TO AU-
 THENTICATED USERS
 (62) 2020201992

(71) Université Laval
 (21) 2021250947 (22) 15.10.2021
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 the treatment of neurodegenerative dis-
 eases
 (62) 2015358266

(71) University of Virginia Patent Foundation
 (21) 2021250897 (22) 13.10.2021
 (54) Compositions and methods for treating
 eye infections and disease
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(71) Vetco Gray Scandinavia AS
 (21) 2021250889 (22) 13.10.2021
 (54) Real-time cathodic protection integrity
 monitoring sensor, system and method
 (62) 2020239799

(71) View, Inc.
 (21) 2021250838 (22) 11.10.2021
 (54) Window antennas
 (62) 2017260101

(71) Watson, R.B.
 (21) 2021250854 (22) 12.10.2021
 (54) Improved Bracket
 (31) 2020903784 (32) 19.10.20 (33) AU
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(71) XCMG, Construction Machinery Co.,
 LTD. Building Machinery Co.
 (21) 2021250918 (22) 14.10.2021
 (54) FRAME STRUCTURE WITH UM-
 BRELLA-SHAPED CARRYING
 DEVICE
 (31) 2021109522613 (32) 19.08.21 (33) CN

(71) yazid, N.
 (21) 2021250979 (22) 15.10.2021
 (54) An application for Patient collated data

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2021105878	Sharma, S.	2021106056	Natarajan, R.; Rajaram, K.; Priya, R.K.; Ganesh, S.S.; Mariappan, S.M.; Sivaraj, K.; Raja, M.; Sasi, A.; Bhalachandra, J.V.; Kaliappan, S.; Manjunath, T.; H.A, S.
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2021105968	Janrao, S.R.; Shah, D.	2021106066	Abidin, S.; Vadi, V.R.; Rana, A.; Izhar, M.; Bokhari, M.U.; Mustajab, S.
2021105986	UTTARWAR, M.D.	2021106067	Mony, M.P.; Anilkumar, T.V.; Nair, R.S.; Raj, R.; Vijayakumari, P.K.; Sobhan, P.K.
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2021106009	K., S.; PADMAVATHI, S.; B., K.; P., A.; M, B.R.; SULTANA, K.; M, K.; P., B.K.; S., R.; K., V.	2021106071	GUPTA, S.M.
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2021106018	Roy, S.; Das, A.; Majumdar, S.; Sanyal, I.	2021106074	Indian Institute of Information Technology
2021106022	Tabrez, M.	2021106075	Kumar, M.; Reddy, V.V.K.; Sekhar, K.R.
2021106024	Ahmad, T.; Raza, A.; Kausar, S.; Ahmad, K.; Alam, M.	2021106076	RAMASWAMY, S.; PON SELVAN, C.; CHINNASAMY, V.; YADAV, A.
2021106027	Chakkarwar, V.A.; Tamane, S.C.	2021106077	Goyal, R.K.; Varma, V.; Gupta, R.; Vardhan, Y.; Mirza, A.; Iqbal, M.N.; Bhale, P.S.; Swadia, B.U.; Negi, S.; Patil, A.R.; Aarti, .; Nagajothi, V.; Vyas, L.; Mittal, A.
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2021106044	Chaudhari, A.; Pund, M.; Bamnote, G.; Shandilya, V.; Gawande, A.; Deshmukh, C.; Gupta, S.; Bhura, S.; Mune, A.; Karwa, R.; Khan, Z.; Ingale, S.	2021106131	Vishwakarma Institute of Technology
2021106045	Hindustan Institute of Technology and Science	2021106139	Gadade, H.D.; Kirange, D.K.
2021106046	Hindustan Institute of Technology and Science	2021106143	Vishwakarma Institute of Technology
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2021106048	Karwa, R.; Gupta, S.; Bamnote, G.; Shandilya, V.; Pund, M.; Bhura, S.; Chaudhari, A.; Mune, A.; Khan, Z.; Ingale, S.	2021106145	Vishwakarma Institute of Technology
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		2021106158	Agrawal, A.; Mathur, G.; Awasthi, S.
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2021106234	Lovely Professional University	2021106341	Gangurde, R.A.
2021106235	Lovely Professional University	2021106344	Ponnan, S.
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2021106237	Lovely Professional University	2021106348	Hindustan Institute of Technology and Science
2021106238	Lovely Professional University	2021106350	Hindustan Institute of Technology and Science; KCG College of Technology
2021106239	Lovely Professional University	2021106351	Hindustan Institute of Technology and Science
2021106240	Lovely Professional University	2021106352	Hindustan Institute of Technology and Science
2021106241	Cuenca, U.C.	2021106353	Hindustan Institute of Technology and Science
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2021106243	Vadi, V.R.; Gnana Jeevan, A.; Jain, R.; Mehbodniya, A.; Webber, J.; Hati, A.S.; Anitha, E.B.; Nandan, M.; Chauhan, A.; K G M, P.; Ghosh, A.; Chakrabarti, P.	2021106355	Hindustan Institute of Technology and Science
2021106245	Vargis, B.K.; Srivastava, S.; Paul, B.; Singh, A.; Kumar, V.; Kumar, D.; Kumar, P.; Chatterjee, A.; Sharma, N.; Manisekaran, P.; Awasthi, H.	2021106356	Hindustan Institute of Technology and Science
2021106248	Vishwanath Karad MIT World Peace University; Sonawane, M.; Mhaske, S.	2021106357	Hindustan Institute of Technology and Science
2021106249	Manipal University Jaipur	2021106358	Sharma, A.; Sharma, S.; Guglani, P.; Alam, M.; Ra-hate, K.; Kaushik, N.; Vashi, N.; Sudha, A.; Bhosale, H.; Gupta, A.
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2021106251	Srivastava, S.P.; Ved, A.; Singh, M.P.; Tiwari, N.; Patani, P.; Yadav, A.K.	2021106364	Information Sharing and Analysis Centre
2021106253	Garige, A.K.; Chandupatla, V.; Bayya, C.P.; Sampoorna, C.	2021106365	Kumar, A.; Tripathi, S.; Mishra, N.; Kumar, D.; Kumar, S.; Sahu, M.
2021106254	Singhaniya, N.G.; Vyawahare, V.A.; Patil, M.D.	2021106366	National Institute of Technology Warangal
2021106257	Dr. Vishwanath Karad MIT World Peace University; Khandekar, P.; Subbaraman, S.; Nahar, P.	2021106367	National Institute of Technology Warangal
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2021106259	Dr. Vishwanath Karad MIT World Peace University; Tiple, B.; Atkar, A.; Baraskar, S.; Ambollikar, C.; Aswani, N.; Phatak, M.	2021106369	National Institute of Technology Warangal
2021106261	Dr. Vishwanath Karad MIT World Peace University; Kulkarni, L.; Jagdale, B.; Sirsikar, S.; Karyakarte, M.	2021106371	Shah, B.M.
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2021106263	Gupta, R.; Mishra, A.	2021106374	Khan, W.; Jain, D.N.; Jain, H.
2021106264	Universidad Católica de Cuenca	2021106375	Dalal, P.; Jaglan, N.; Satyender, .; Dahiya, S.; Dhayal, S.S.
2021106265	Roorkee College of Engineering	2021106376	National Institute of Technology Warangal
		2021106377	Tripathi, D.; Dwivedi, J.; Mishra, M.; Thenuan, Y.S.
		2021106378	Chettpalli, A.K.; Unnisa, A.; Kumar, A.; Maratha, S.; Shiven, A.; Kaushik, S.; Singh, S.P.; Gupta, R.; Bhandari, N.; Vallakeerthi, N.
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2021106388	S, K.; Dhruve, K.D.; Kumar, A.	2021106409	Urkude, A.; Urkude, S.; Urkude, A.; Urkude, A.; Urkude, M.; Urkude, P.
2021106390	Itkarkar, R.R.; Nandi, A.V.; Raghavendra, G.; Kana-karaddi, S.G.; Chikaraddi, A.K.; Patil, P.; Patil, P.G.; Bali, J.; Mane, A.M.; Bormane, D.S.; Darekar, O.H.; Vora, S.U.; Ketkar, N.V.; Gorate, P.K.; Pareek, P.K.	2021106410	Waghole, D.; Deshpande, V.; Midhunchakkaravarthy, D.; Jadhav, M.
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2021106392	Shahi, S.; Singh, S.K.	2021106413	Vishwakarma Institute of Information Technology
2021106393	Thalange, A.V.; Patil, A.R.; Shelke, R.J.; Shrigandhi, M.N.	2021106414	Vishwakarma Institute of Information Technology
2021106394	Thalange, A.V.; Patil, A.R.; Mergu, R.R.; Shetgar, P.S.	2021106415	Vishwakarma Institute of Information Technology
2021106395	Al-Absi, A.A.; Al-Absi, M.A.; Fu, R.; Dhruve, K.D.; Kumar, A.	2021106418	Dabla, P.K.; Stankovic, S.D.; Mishra, D.; Mehta, V.; Upreti, K.; Gruson, D.
2021106396	Shirsath, S.	2021106420	E.S, M.; A, A.; P, S.R.; T, R.; Gupta, M.; Savita, ..
2021106397	SAXENA, A.B.; AGGARWAL, D.; SHARMA, D.; LEHRI, S.	2021106421	Upreti, K.; Nandan, M.; Singhai, R.; Chakraborty, B.; Mukherjee, R.; Bag, B.; Parai, A.; Dutta, G.
2021106398	Renu, K.; Gowri, T.; Babu Rao, G.; Yasudha, K.; Goud, S.; D.R.V.A, S.K.; Kakollu, V.; Tumula, D.P.; Sumanjali, K.; Kumar, M.S.; Anitha, G.; Ranga Narayana, K.	2021106422	V, C.; M, E.; S, V.; P, G.; D, S.; V, S.; V, K.K.; G.S, M.; DEV, M.; DIANA, V.M.
2021106399	Kapoor, U.; Saini, A.; Venkatachari, K.; Kaur, M.; Mokshagundam, S.S.; Pathak, R.; Agnihothri, V.A.; Tripathy, P.; Bahadur, S.; Beriwal, P.; Kumar, S.P.; Bhadoriya, M.C.; Correa, F.S.; M. L., A.; Patjoshi, P.K.; Pundir, D.S.	2021106423	Manipur International University
2021106400	T, S.K.; G, M.; S, V.K.; G, H.; B, S.S.	2021106424	SRIVASTAVA, S.; Dey, S.; KIRAN, S.R.; N, D.; SAPINENI, H.N.; A., A.; M, M.; DEVI, S.; P., S.; V, S.
2021106401	R, M.K.; V, S.S.; R, R.K.	2021107584	Emerald Planet Environmental Pty Ltd
2021106402	Kaswan, S.; Thapar, N.; Angrish, J.; Monika, M.; Pahuja, J.; Kaur, G.; Yugal, L.; Kaur, R.; Rajak, D.K.	2021107585	Handan Shiwei New Materials Co. Ltd.
2021106403	Khan, O.; Khan, M.Z.	2021107586	Rezicast Solutions Pty Ltd
		2021107587	Apple Inc.
		2021107588	Ningbo Casualway Leisure Products Co., Ltd.
		2021107589	Altech Chemicals Australia Pty Ltd
		2021107590	Schneider Electric (Australia) Pty Limited
		2021107592	FISHER & PAYKEL HEALTHCARE LIMITED

Applications with amended filing dates Reg 3.5(A).

2021105183 Institute of Agricultural Resources and Regional Planning, Chinese Academy of Agricultural Sciences; Ningxia University; Shandong Jianzhu University The filing date has been amended to 11.08.2021

Applications Lapsed, Refused Or Withdrawn, Patents Ceased or Expired

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

The codes next to each number have the following meanings:

Code Meaning

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

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

- N Applications not Open to Public Inspection

2001

2001079376 (14)	2001079420 (14)	2001079434 (14)
2001079444 (14)	2001079458 (14)	2001079477 (14)
2001081435 (14)	2001081442 (14)	2001081503 (14)
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2010233166 (14)	2010233188 (14)	2010233710 (14)	2015		
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2021

2021101833 (16NN) 2021105357 (18AN) 2021107215 (16NN)
 2021107559 (12AN) 2021200565 (4B) 2021204427 (1B)
 2021209156 (1B) 2021209158 (1B) 2021209244 (1B)
 2021209252 (1B) 2021209323 (1B) 2021211988 (1B)
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 2021902474 (17AN)

Assignments before Grant, Section 113

2014

2014247081 Bayer CropScience NV The application has been assigned to **BASF Agricultural Solutions Seed US LLC**

2015

2015367795 Bayer CropScience NV The application has been assigned to **BASF SE**

2015409440 Metso Minerals, Inc. The application has been assigned to **METSO OUTOTEC FINLAND OY**

Assignments before Grant, Section 113

2016

2016256239 Bayer CropScience NV The application has been assigned to **BASF Agricultural Solutions Seed US LLC**

2016305181 Bayer CropScience NV The application has been assigned to **BASF Agricultural Solutions Seed US LLC**

2016328252 Bayer CropScience Aktiengesellschaft; Bayer CropScience Inc. The application has been assigned to **BASF Agricultural Solutions Seed US LLC**

2016397306 Patel, Ravindrakumar The application has been assigned to **Omnibrx Biotechnologies Private Limited**

2017

2017212146 Infratech Industries Pty Ltd The application has been assigned to **The University of Newcastle**

2017249365 Bayer CropScience NV The application has been assigned to **BASF Agricultural Solutions Seed US LLC**

2017249663 Bayer CropScience NV The application has been assigned to **BASF Agricultural Solutions Seed US LLC**

2017277524 Takemoto, Seiji; Vyas, Ambrish; Dermavant Sciences GmbH; Akimoto, Yoshihiro; Eisai R&D Management Co., Ltd. The application has been assigned to **Dermavant Sciences GmbH; Eisai R&D Management Co., Ltd.**

2018

2018201712 Garvan Institute of Medical Research The application has been assigned to **Pryzm Health IQ Pty Ltd**

2018201783 Garvan Institute of Medical Research The application has been assigned to **Pryzm Health IQ Pty Ltd**

2018203816 Fry, Richard The application has been assigned to **Fry Industries NZ Limited**

2018220030 Paynet Payments Network, LLC The application has been assigned to **NYCE Payments Network, LLC**

2018332491 BioconTAC Co., Ltd The application has been assigned to **Zymedi Co., Ltd.**

2018347783 Imperial College of Science, Technology and Medicine The application has been assigned to **Imperial College Innovations Limited**

2018380429 Board of Regents of the Nevada System of Higher Education, on behalf of the University of Nevada Reno The application has been assigned to **Nevada Research & Innovation Corporation**

2018437107 Moonshine Solutions AS The application has been assigned to **Smarthose AS**

Assignments before Grant, Section 113

2019

2019231332 Garvan Institute of Medical Research The application has been assigned to **Pryzm Health IQ Pty Ltd**

2019235609 Garvan Institute of Medical Research The application has been assigned to **Pryzm Health IQ Pty Ltd**

2019287353 HERMIDA PRIETO, Manuel; MARIÑAS PARDO, Luis The application has been assigned to **NextPhase Therapeutics, Inc.**

2019331084 Vexim S.A. The application has been assigned to **STRYKER EUROPEAN OPERATIONS LIMITED**

2019333410 Sharp Kabushiki Kaisha The application has been assigned to **FG Innovation Company Limited; Sharp Kabushiki Kaisha**

2019341266 BIOCONTAC CO., LTD. The application has been assigned to **Zymedi Co., Ltd.**

2019351481 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2019373784 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2019381454 Sharp Kabushiki Kaisha The application has been assigned to **Sharp Kabushiki Kaisha; FG Innovation Company Limited**

2020

2020203736 Ohr Pharmaceutical, Inc. The application has been assigned to **DepYmed Inc.**

2020239756 Paynet Payments Network, LLC The application has been assigned to **NYCE Payments Network, LLC**

2020267193 Paynet Payments Network, LLC The application has been assigned to **NYCE Payments Network, LLC**

2021

2021106881 Jenncem Australia Pty Ltd The application has been assigned to **FCI Holdings Delaware, Inc.**

2021200093 AFFIRIS AG The application has been assigned to **ADvantage Therapeutics, Inc.**

2021200395 Mayerle, Dean The application has been assigned to **Tritana Intellectual Property Ltd.**

2021901652 Williams, Grant; Schuyt, Joseph The application has been assigned to **Victoria Link Limited**

2021902667 CONNOR, Lisa; COMOLETTI, Davide The application has been assigned to **Victoria Link Limited**

Extensions of Time, Section 223

Applications Received

Extensions of Time, Section 223

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

2005

2005201317 **Sea Ski Australasia Limited** An application to extend the time from 25 Mar 2021 to 25 Oct 2021 in which to pay a renewal fee has been filed . Address for service - Trevor William Payne PO Box 1614 Kingscliff NSW 2487 AU

2006

2006284096 **Creabilis Therapeutics S.P.A.** An application to extend the time from 25 Aug 2020 to 25 Aug 2021 in which to pay a renewal fee has been filed . Address for service - Spruson & Ferguson Level 24 Tower 2 Darling Park 201 Sussex Street Sydney NSW 2000 AU

2008

2008288346 **Novus Spain, S.A.** An application to extend the time from 15 Apr 2020 to 15 Aug 2021 in which to pay a renewal fee has been filed . Address for service - Wrays L7 863 Hay St Perth WA 6000 AU

2013

2013246526 **Navatek, Ltd.** An application to extend the time from 29 Jan 2020 to 29 Apr 2021 in which to pay a renewal fee has been filed . Address for service - WRAYS PTY LTD Level 7 863 Hay Street Perth WA 6000 AU

2015

2015201680 **Neat Feat Products Limited** An application to extend the time from 01 Apr 2021 to 01 Nov 2021 in which to pay a renewal fee has been filed . Address for service - AJ Pietras IP Limited AJ Pietras & Co Care of Collison & Co 117 King William Street (GPO Box 2556) Adelaide SA 5000 AU

2016

2016210060 **Atos SE; Degremont** An application to extend the time from 20 Jan 2020 to 20 Jan 2021 in which to pay the continuation fee has been filed . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2016226191 **Helen of Troy Limited** An application to extend the time from 03 Mar 2021 to 03 Nov 2021 in which to pay a renewal fee has been filed . Address for service - Caska Intellectual Property Pty Ltd PO BOX 6061 PYMBLE NSW 2073 AU

2017

2017221510 **Happier Camper, Inc.** An application to extend the time from 21 Feb 2021 to 21 Sep 2021 in which to pay a continuation fee has been filed . Address for service - K&L Gates Level 25 South Tower 525 Collins Street Melbourne VIC 3000 AU

2020

2020257111 **BioMarin Technologies B.V.** An application to extend the time from 28 Jan 2021 to 28 Aug 2021 in which to pay a continuation fee has been filed . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

Extensions of Time, Section 223**Applications Allowed - Section 223(2)****2005**

2005318292 **Galderma Research & Development** The time in which to request an Extension of Term - Pharmaceutical has been extended to 18 Sep 2021 . Address for service - Griffith Hack Level 10 161 Collins St MELBOURNE VIC 3000 AU

2009

2009329032 **Agarwal, A.** The time in which to pay a renewal fee has been extended to 25 Dec 2020 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2017

2017293648 **Dean, J.** The time in which to request examination has been extended to 07 Jul 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2017303530 **Solubag SpA** The time in which to request examination has been extended to 28 Jul 2021 . Address for service - FB Rice Pty Ltd Level 23 44 Market Street Sydney NSW 2000 AU

2017352070 **Combocap, Inc.** The time in which to request examination has been extended to 03 Nov 2021 . Address for service - Clark Intellectual Property Pty Ltd 14 Eaton Street Willoughby NSW 2068 AU

2018

2018293337 **Gullick, C.** The time in which to pay the acceptance fee has been extended to 27 Sep 2021 . Address for service - ARC NZ LIMITED 12 Avimore Street Timaru 7910 NZ

2018304994 **Sawant, A.** The time in which to pay the acceptance fee has been extended to 14 May 2021 . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

2019

2019203597 **Gilbert, M.** The time in which to pay the acceptance fee has been extended to 15 Nov 2021 . Address for service - Cotters Patent & Trade Mark Attorneys GPO Box 469 Sydney NSW 2001 AU

2019261825 **Taiwan Plants Fiber Tech Alliance CO., LTD.** The time in which to pay the acceptance fee has been extended to 20 Sep 2021 . Address for service - Chih Chin Lai Unit 8, 40 Blackall Street Barton ACT 2600 AU

2019264856 **Adaptas Solutions Pty Ltd** The time in which to request examination has been extended to 10 Nov 2021 . Address for service - Churchill Attorneys PO BOX 3238 BURNLEY NORTH VIC 3121 AU

2019386395 **JOHNSON & JOHNSON MEDICAL PTY LTD** The time in which to enter the National Phase has been extended to 30 Aug 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2019423227 **RESEARCH AND DEVELOPMENT CENTER "BIOLUMEN" LIMITED LIABILITY COMPANY** The time in which to enter the National Phase has been extended to 18 Oct 2021 . Address for service - RESEARCH AND DEVELOPMENT CENTER "BIOLUMEN" LIMITED LIABILITY COMPANY 16 Gulliver St Paddington QLD 4064 AU

Extensions of Time, Section 223**2020**

2020100769 **Smart Infrastructure Asset Management Australia Research and Development Pty Ltd** The time in which to pay a renewal fee has been extended to 19 Jul 2021 . Address for service - Spruson & Ferguson GPO Box 3898 Sydney NSW 2001 AU

2020200681 **Brillux GmbH & Co. KG** The time in which to gain acceptance has been extended to 16 Nov 2021 . Address for service - Griffith Hack L 22 Allendale Square 77 St Georges Terrace Perth WA 6000 AU

2020231251 **CLIX, INC.** The time in which to enter the National Phase has been extended to 07 Nov 2021 . Address for service - Pizzzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2020234003 **EVAXION BIOTECH APS** The time in which to enter the National Phase has been extended to 11 Nov 2021 . Address for service - Pizzzeys Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

Amendments**Applications for Amendment**

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

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

2005

2005228827 Breathing assistance apparatus **Fisher & Paykel Healthcare Limited** The nature of the amendment is as shown in the statement(s) filed 15 Oct 2021 . Address for service - AJ PARK Level 24, Tower 2, Darling Park 201 Sussex St Sydney NSW 2000 AU

2009

2009264565 Stable and soluble antibodies inhibiting VEGF **Novartis AG** The nature of the amendment is as shown in the statement(s) filed 21 Jul 2021 . Address for service - Phillips Ormonde Fitzpatrick L 16 333 Collins St Melbourne VIC 3000 AU

2012

2012262645 Improved barrier construction **Industrial Galvanizers Corporation Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 27 Sep 2021 . Address for service - James & Wells Intellectual Property GPO Box 1301 CANBERRA ACT 2601 AU

2015

2015247817 Imide-based modulators of proteolysis and associated methods of use **Arvinas Operations, Inc.** The nature of the amendment is as shown in the statement(s) filed 14 Oct 2021 . Address for service - Shelston IP Pty Ltd. L 9 60 Margaret St Sydney NSW 2000 AU

2015302416 System and method for position and orientation detection of a downhole device **Huygens AS** The nature of the amend-

Amendments

ment is as shown in the statement(s) filed 18 Aug 2021 . Address for service - AJ PARK GPO Box 2513 Sydney NSW 2001 AU

2015353416 Heterodimeric antibodies that bind CD3 and CD38 **Xencor, Inc.** The nature of the amendment is as shown in the statement(s) filed 18 Oct 2021 . Address for service - WRAYS PTY LTD L7 863 Hay St Perth WA 6000 AU

2016

2016268975 Compound for the prophylaxis or treatment of organ damage **Sulfateq B.V. ; Rijksuniversiteit Groningen** The nature of the amendment is: Amend the applicant to read Sulfateq B.V. . Address for service - Pizzey's Patent and Trade Mark Attorneys Pty Ltd GPO Box 1374 Brisbane QLD 4001 AU

2017

2017207420 Hot melt adhesive composition based on a blend of propylene copolymers prepared using single-site catalysts and methods **Bostik, Inc.** The nature of the amendment is as shown in the statement(s) filed 22 Sep 2021 . Address for service - Dark IP PO BOX 2416 Fortitude Valley BC QLD 4006 AU

2017348344 Method for producing allulose crystals **Tate & Lyle Ingredients Americas LLC** The nature of the amendment is as shown in the statement(s) filed 19 Oct 2021 . Address for service - Phillips Ormonde Fitzpatrick PO Box 323 COLLINS STREET WEST VIC 8007 AU

2019

2019101108 An apparatus for removing water from a fluid **Intex Holdings Pty Ltd** The nature of the amendment is as shown in the statement(s) filed 01 Oct 2021 . Address for service - LESICAR MAYNARD ANDREWS PTY LTD PO BOX 2545 KENT TOWN SA 5071 AU

Amendments Made

2007

2007311511 **Sanofi-Aventis** The nature of the amendment is as shown in the statements filed 01 Apr 2021, 24 May 2021 and 02 Jun 2021

2016

2016235020 **Schneider Electric (Australia) Pty Limited** The nature of the amendment is: Application is to proceed under the number 2016102482

2016257995 **Endace Technology Limited** The nature of the amendment is: Amend the name of the inventor to read Coddington, Anthony; Donnelly, Stephen; Earl, David; Allen, Maxwell; Wilson, Stuart and Brier, William

2016311269 **The Regents of The University of California; The Flinders University of South Australia** The nature of the amendment is as shown in the statement filed 20 Jul 2021

2016394860 **Advanced Bio Machines Pte. Ltd.** The nature of the amendment is: To amend the applicant name to Advanced Bio Machines Pte. Ltd.

Amendments

2017

2017382987 **Lennard Electronics Limited** The nature of the amendment is: Amend the name of the inventor to read Lennard, Benjamin Troy

2018

2018236692 **Boehringer Ingelheim International GmbH** The nature of the amendment is as shown in the statement filed 24 May 2021

2018264957 **CNH Industrial Belgium NV** The nature of the amendment is: Application is to proceed under the number 2018102227

2018267289 **Korea Research Institute of Standards and Science** The nature of the amendment is: Amend the name of the inventor to read YU, Kwon Kyu; LEE, Yong-Ho; KWON, Hyuk Chan; KIM, Jin Mok and LEE, Sang Kil

2018310881 **Novartis AG** The nature of the amendment is as shown in the statement filed 28 Jul 2021

2019

2019203226 **Cytec Industries Inc.** The nature of the amendment is: Amend the name of the inventor to read Zhang, Lei; Carr, John and Chen, Haunn-Lin Tony

2019228798 **Komatsu Ltd.** The nature of the amendment is as shown in the statement filed 14 Oct 2021

2019289085 **Howmedica Osteonics Corp.** The nature of the amendment is: Add the name of co-inventor Chaoui, Jean

2019438622 **Bunka Shutter Co., Ltd.** The nature of the amendment is: Amend the invention title to read Connecting Device for Construction Materials, Connecting Structure Therefor, and Connecting Method Therefor

2020

2020202068 **BEIJING DIDI INFINITY TECHNOLOGY AND DEVELOPMENT CO., LTD.** The nature of the amendment is: Application is to proceed under the number 2020104470

2020233458 **Meiji Co., Ltd.** The nature of the amendment is: Amend the invention title to read Method for producing compressed body of powder

2020237517 **Rani Therapeutics, LLC** The nature of the amendment is as shown in the statement filed 16 Sep 2021

2020239260 **Biofouling Technologies, Inc.** The nature of the amendment is as shown in the statement filed 12 Oct 2021

2020245943 **Tokuyama Dental Corporation** The nature of the amendment is as shown in the statement filed 20 Sep 2021

2020248195 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read POSITIONING METHOD AND APPARATUS

Amendments

2020251616 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND APPARATUS

2020251618 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATIONS METHOD AND APPARATUS

2020251898 **Clip. Bike Inc.** The nature of the amendment is as shown in the statement filed 23 Sep 2021

2020253486 **The Scripps Research Institute** The nature of the amendment is: Amend the invention title to read METHOD OF INHIBITING TREM-1

2020255012 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read COMMUNICATION METHOD AND COMMUNICATIONS APPARATUS

2020257519 **Exentis Knowledge GmbH** The nature of the amendment is: Amend the invention title to read Apparatus and method for the production of three-dimensional screen-printed workpieces

2020257980 **Exentis Knowledge GmbH** The nature of the amendment is: Amend the invention title to read Apparatus and method for the production of three-dimensional screen-printed workpieces

2020259078 **Exentis Knowledge GmbH** The nature of the amendment is: Amend the invention title to read Apparatus and method for the production of three-dimensional screen-printed workpieces

2020259816 **Exentis Knowledge GmbH** The nature of the amendment is: Amend the invention title to read Method for the production of three-dimensional screen-printed workpieces

2020259973 **Exentis Knowledge GmbH** The nature of the amendment is: Amend the invention title to read Apparatus and method for the production of three-dimensional screen-printed workpieces

2020267213 **Coupang Corp.** The nature of the amendment is: Amend the name of the inventor to read KIM, Da Young; JUN, Sang Min; JEONG, Jin Won; JIN, Kyeong Suk and PARK, Woo Jung

2020270961 **Huawei Technologies Co., Ltd.** The nature of the amendment is: Amend the invention title to read AN ENCODER, A DECODER AND CORRESPONDING METHODS

2020327779 **Nippon Steel Corporation; Vallourec Oil and Gas France** The nature of the amendment is: Amend the invention title to read Threaded connection for steel pipe

2021

2021102599 **Kshatri, D.S.; Mishra, S.; Dubey, V.; Dubey, N.; Singh Dhundhel, R.; Patra, J.P.; Bhattacharya, R.; Singh, A.** The nature of the amendment is: Amend the name of the inventor to read Dubey, Vikas; Dubey, Neha; Michalska-Domańska, Marta; Bhattacharya, Rijju; Saluja, Jagjeet Kaur and Saji, Janita

2021107554 **BISSELL Inc.** The nature of the amendment is: Amend the priority details to read 2016101847 and 2018278858

Amendments

2021240239 **TECHNOLOGIES ENDURIDE INC** The nature of the amendment is: Amend the invention title to read BELT CONVEYOR ROLLER WEAR LINER, BELT CONVEYOR ROLLER AND of CONVEYOR INCLUDING SAME AND CORRESPONDING METHOD

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

2001

2001051103 **Metavante Corporation** The name of the patentee has been altered to **FIS PAYMENTS LLC**

2004

2004227740 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2006

2006240230 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2006

2006257782 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2008

2008309013 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2010

2010200995 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2010

2010253220 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2010

2010323476 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2011

2011250794 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2011

2011320948 **eduPresent, LLC** The name of the patentee has been altered to **Bongo Learn, Inc.**

2011

2011370639 **Bechtel Hydrocarbon Technology Solutions, Inc.** The name of the patentee has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2011

2011384439 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2011

2011384440 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

2011

2011384474 **Rakuten, Inc.** The name of the patentee has been altered to **Rakuten Group, Inc.**

Amendments**2012**

2012247084 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012274725 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012274726 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012277130 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012277131 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012277133 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012291474 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012291475 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012291476 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012359698 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2012376507 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2013

2013211504 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2013254915 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

2013274565 Edupresent LLC The name of the patentee has been altered to **Bongo Learn, Inc.**

2015

2015214261 Edupresent LLC The name of the patentee has been altered to **Bongo Learn, Inc.**

2015227041 Bechtel Hydrocarbon Technology Solutions, Inc. The name of the patentee has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2015227045 Bechtel Hydrocarbon Technology Solutions, Inc. The name of the patentee has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2015243080 Rakuten, Inc. The name of the patentee has been altered to **Rakuten Group, Inc.**

Amendments**2016**

2016257995 Endace Technology Limited; Anthony Coddington; Stephen Donnelly; David Earl; Maxwell Allen; Stuart Wilson The name of the patentee has been altered to **Endace Technology Limited**

2016274861 Bechtel Hydrocarbon Technology Solutions, Inc. The name of the patentee has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2016354095 Bechtel Hydrocarbon Technology Solutions, Inc. The name of the patentee has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2017

2017356900 Bechtel Hydrocarbon Technology Solutions, Inc. The name of the patentee has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2018

2018419659 Edupresent LLC The name of the applicant has been altered to **Bongo Learn, Inc.**

2019

2019200258 eduPresent, LLC The name of the patentee has been altered to **Bongo Learn, Inc.**

2019239098 Cloud Pricing Services, Inc. The name of the applicant has been altered to **InfraSight Software Corporation**

2019283947 Edupresent LLC The name of the applicant has been altered to **Bongo Learn, Inc.**

2019351790 Edupresent LLC The name of the applicant has been altered to **Bongo Learn, Inc.**

2020

2020214836 Hanwa Azdel, Inc. The name of the applicant has been altered to **Hanwha Azdel, Inc.**

2020233893 ExploraMed NC7, Inc. The name of the applicant has been altered to **Willow Innovations, Inc.**

2020254677 Bechtel Hydrocarbon Technology Solutions, Inc. The name of the applicant has been altered to **Bechtel Energy Technologies & Solutions, Inc.**

2020260457 Gang WANG ; Sudhi HERLE ; Giles HOGBEN ; Alex Daniel JACOBSON ; Michael WRIGHT ; Nicholas N. KRALEVICH IV; Bram BONNÉ The name of the applicant has been altered to **Google, LLC**

2021

2021105724 Sharma, Ankit; Babbar, Atul The name of the applicant has been altered to **Babbar, A.; Sharma, A.; Bhargave, H.; Uppal, A.S.; Dhawan, V.; Dhiman, V.; Pathri, B.P.; Kumar C, S.; Gajghate, S.S.; Bhaumik, S.; Dhiman, M.; Kumar, V.; Mago, J.; Agarwal, R.**

Amendments

2021106591 Shenzhen University The name of the applicant has been altered to **Chinese Research Academy of Environmental Sciences**

2021245255 Oxford Nanopore Technologies Limited The name of the applicant has been altered to **Oxford Nanopore Technologies Limited; Sharp Life Science (EU) Ltd**

2021902926 Integria Healthcare (Australia) Pty Limited; Ahmed, Iftekhar; Leach, David; Wohlmuth, Hans; Li, Chun; Zhou, Phoebe; Low, Mitchell; Venigalla, Madhuri; Muench, Gerald; Al-Khazaleh, Ahmad; Jayasena, Vijay The name of the applicant has been altered to **Integria Healthcare (Australia) Pty Limited; Ahmed, I.; Leach, D.; Wohlmuth, H.; Li, C.; Zhou, X.; Low, M.; Venigalla, M.; Muench, G.; Al-Khazaleh, A.; Jayasena, V.**

Notice of Intention to Amend under Section 105 pursuant to the Federal Court Rules

Australian Patent/Patent Application 2012220990 in the name(s) of Nalco Company

Amendments Made Under Section 105

Court Order by the Federal Court of Western Australia, WAD10/2021 Australian Patent/Patent Application 2018208625 in the name of Mayerle, D.
The amendments advertised in the Official Journal of Patents dated 02 Sep 2021 have been made in accordance with a Court Order 15 Oct 2021 .

Applications Open to Public Inspection

Name Index

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

(71) Abbott Diabetes Care Inc.
 (11) AU-A-2021245245
 (21) 2021245245 (22) 08.10.2021
 (54) System, device and method of dynamic glucose profile response to physiological parameters
 (51) Int. Cl.
A61B 5/145 (2006.01)
A61B 5/00 (2006.01)
A61B 5/024 (2006.01)
H04M 1/725 (2021.01)
 (43) 04.11.2021
 (62) 2016291569
 (72) Hayter, Gary Alan; Crouther, Nathan Christopher; Love, Michael; Budiman, Erwin Satrya; Bernstein, Daniel Milfred
 (74) FPA Patent Attorneys Pty Ltd

(71) Abclon Inc.
 (11) AU-A-2021218069
 (21) 2021218069 (22) 16.04.2021
 (54) Anti-HER2 affibody and switchable chimeric antigen receptor using same as switch molecule
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 38/16 (2006.01)
 (31) 10-2020-0047025 (32) 17.04.20 (33) KR
 (43) 04.11.2021
 (72) KIM, Ki Hyun; LEE, Hyun-Jong; LEE, Jong-Seo
 (74) FB Rice Pty Ltd

(71) Acres Technology
 (11) AU-A-2021245181
 (21) 2021245181 (22) 07.10.2021
 (54) Method for Configuring Casino Operations
 (51) Int. Cl.
G06Q 50/00 (2012.01)
A63F 13/00 (2014.01)
G07F 17/32 (2006.01)
 (43) 04.11.2021
 (62) 2019271899
 (72) Acres, John F.
 (74) Golja Haines & Friend

(71) Adobe Inc.
 (11) AU-A-2021200962
 (21) 2021200962 (22) 14.02.2021
 (54) MODEL-BASED SEMANTIC TEXT SEARCHING
 (51) Int. Cl.
G06F 16/332 (2019.01)
G06N 3/02 (2006.01)
 (31) 16/849,885 (32) 15.04.20 (33) US
 (43) 04.11.2021
 (72) Soni, Sachin; Dernoncourt, Franck; Trung, Bui; Dockhorn, Carl; Gong, Yu;

Dublish, Tushar; Spala, Sasha; Miller, Nicholas; Kale, Ajinkya; Kim, Joon
 (74) RnB IP Pty Ltd

(71) Adobe Inc.
 (11) AU-A-2021201044
 (21) 2021201044 (22) 17.02.2021
 (54) A UNIFIED FRAMEWORK FOR MULTI-MODAL SIMILARITY SEARCH
 (51) Int. Cl.
G06F 16/532 (2019.01)
G06F 16/2453 (2019.01)
G06K 9/66 (2006.01)
G06N 3/08 (2006.01)
G06N 5/00 (2006.01)
G06N 20/00 (2019.01)
 (31) 16/854,697 (32) 21.04.20 (33) US
 (43) 04.11.2021
 (72) Aggarwal, Pranav; Kale, Ajinkya; Aminian, Ali; Misraa, Aashish
 (74) RnB IP Pty Ltd

(71) Advanced Animal Diagnostics, Inc.
 (11) AU-A-2021250867
 (21) 2021250867 (22) 12.10.2021
 (54) Methods and compositions for reducing antibiotic administration to farm animals
 (51) Int. Cl.
A23K 20/195 (2016.01)
A23K 50/00 (2016.01)
A61K 31/43 (2006.01)
A61K 31/65 (2006.01)
A61K 31/7036 (2006.01)
A61K 45/00 (2006.01)
 (43) 04.11.2021
 (62) 2017238217
 (72) Drach, Joy Parr; Hockett, Mitchell; Bresolin, Stefano; Jensen, Eirik J.; Heineck, Tobias M.; Pollard, Jasper N.; Asion, Deborah; Rodriguez, Rodolfo R.; Calderwood, David A.; Bate, Norah Gerow; Sink, John Richard; Correa, Jorge Carlos
 (74) Spruson & Ferguson

(71) Afferent Pharmaceuticals, Inc.
 (11) AU-A-2021250851
 (21) 2021250851 (22) 12.10.2021
 (54) Crystalline salts and polymorphs of a P2X3 antagonist
 (51) Int. Cl.
C07D 239/28 (2006.01)
A61K 31/505 (2006.01)
 (43) 04.11.2021
 (62) 2017378785
 (72) Ibrahim, Prabha; Hawley, Ronald Charles; Ford, Anthony P.; Smith, Steven A.
 (74) Spruson & Ferguson

(71) Agenus Inc.
 (11) AU-A-2021250866
 (21) 2021250866 (22) 12.10.2021
 (54) Class I MHC Phosphopeptides For Cancer Immunotherapy And Diagnosis
 (51) Int. Cl.
C07K 14/74 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61P 35/00 (2006.01)
C07K 7/00 (2006.01)
C07K 16/20 (2006.01)
G01N 33/68 (2006.01)
 (43) 04.11.2021
 (62) 2019204422
 (72) Hunt, Donald F; Shabanowitz, Jeffrey; Cottine, Jennifer; English, Ann M; Norris, Andrew; Engelhard, Victor; Cobbold, Mark; Cummings, Kara L; Zarlino, Angela; Obeng, Rebecca C; Qian, Jie
 (74) WRAYS PTY LTD

(71) AgriMetis, LLC
 (11) AU-A-2021245263
 (21) 2021245263 (22) 11.10.2021
 (54) AZIRIDINE SPINOSYN DERIVATIVES AND METHODS OF MAKING
 (51) Int. Cl.
C07D 491/04 (2006.01)
A01N 43/44 (2006.01)
 (43) 04.11.2021
 (62) 2018207051
 (72) Calabrese, Andrew
 (74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

(71) AJ PARK
 (11) AU-A-2021245180
 (21) 2021245180 (22) 07.10.2021
 (54) RESPIRATORY GAS HUMIDIFICATION SYSTEM
 (51) Int. Cl.
A61M 16/16 (2006.01)
A61M 39/08 (2006.01)
 (43) 04.11.2021
 (62) 2020200412
 (72) STOKS, Elmo Benson; NORTH, Charles Christopher; OSBORNE, Hamish; VADNERKAR, Abhishek; KEHOE, Jim; LIU, Po-Yen (David); JACKSON, John James; SHVARCHUCK, Igor Yevgeniiovich; SUJAU, Mahran Maumoon; PATEL, Sanjay Parag
 (74) AJ PARK

(71) Alarm.Com Incorporated
 (11) AU-A-2021250874
 (21) 2021250874 (22) 12.10.2021
 (54) PROVIDING INTERNET ACCESS THROUGH A PROPERTY MONITORING SYSTEM

Applications Open to Public Inspection - Name Index cont'd

(51) Int. Cl.
G08B 29/00 (2006.01)
G05B 23/02 (2006.01)
G08B 1/00 (2006.01)
G08B 1/08 (2006.01)
G08B 23/00 (2006.01)
G08B 25/08 (2006.01)
(43) 04.11.2021
(62) 2016228537
(72) Martin, Jean-Paul
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Allergan Pharmaceuticals International Limited
(11) AU-A-2021245202
(21) 2021245202 (22) 08.10.2021
(54) Regeneration of damaged tissue
(51) Int. Cl.
A61K 38/39 (2006.01)
A61B 17/03 (2006.01)
A61P 17/02 (2006.01)
(43) 04.11.2021
(62) 2019204972
(72) Weiss, Anthony Steven
(74) FPA Patent Attorneys Pty Ltd

(71) alpha-En Corporation
(11) AU-A-2021250865
(21) 2021250865 (22) 12.10.2021
(54) High purity lithium and associated products and processes
(51) Int. Cl.
C25C 3/02 (2006.01)
C25C 5/00 (2006.01)
H01M 4/02 (2006.01)
(43) 04.11.2021
(62) 2016270313
(72) SWONGER, Lawrence Ralph; BODOIN, Emilie
(74) Griffith Hack

(71) Amgen Inc.
(11) AU-A-2021245150
(21) 2021245150 (22) 06.10.2021
(54) KRAS G12C inhibitors and methods of using the same
(51) Int. Cl.
C07D 471/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
C07D 475/00 (2006.01)
(43) 04.11.2021
(62) 2018273356
(72) LANMAN, Brian Alan; CHEN, Jian; REED, Anthony B.; CEE, Victor J.; LIU, Longbin; KOPECKY, David John; LOPEZ, Patricia; WURZ, Ryan Paul; NGUYEN, Thomas T.; BOOKER, Shon; NISHIMURA, Nobuko; SHIN, Youngsook; TAMAYO, Nuria A.; ALLEN, John Gordon; ALLEN, Jennifer Rebecca
(74) Spruson & Ferguson

(71) AMVAC Hong Kong Limited
(11) AU-A-2021250880
(21) 2021250880 (22) 13.10.2021

(54) Electronically pulsing agricultural product with seed utilizing seed transport mechanism
(51) Int. Cl.
A01B 79/00 (2006.01)
A01B 79/02 (2006.01)
A01C 7/06 (2006.01)
A01C 7/08 (2006.01)
A01C 7/10 (2006.01)
A01C 21/00 (2006.01)
A01C 23/00 (2006.01)
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(74) FPA Patent Attorneys Pty Ltd

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(54) Gaming chip and method for manufacturing the same
(51) Int. Cl.
G06K 19/00 (2006.01)
(31) 2020-074504 (32) 20.04.20 (33) JP
(43) 04.11.2021
(72) Shigeta, Yasushi
(74) Davies Collison Cave Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2021245222
(21) 2021245222 (22) 08.10.2021
(54) Gaming chip and management system
(51) Int. Cl.
G07F 17/32 (2006.01)
A44C 21/00 (2006.01)
B41M 3/14 (2006.01)
B42D 25/20 (2014.01)
B42D 25/30 (2014.01)
B42D 25/382 (2014.01)
B42D 25/455 (2014.01)
B42D 25/46 (2014.01)
G03B 29/00 (2021.01)
G03B 41/00 (2021.01)
(43) 04.11.2021
(62) 2020201016
(72) SHIGETA, Yasushi
(74) FB Rice Pty Ltd

(71) Angel Group Co., Ltd.
(11) AU-A-2021245247
(21) 2021245247 (22) 08.10.2021
(54) CARD READING DEVICE AND TABLETOP GAME SYSTEM
(51) Int. Cl.
A63F 1/14 (2006.01)
A63F 1/06 (2006.01)
A63F 13/00 (2014.01)
(43) 04.11.2021
(62) 2019204752
(72) Shigeta, Yasushi
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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(71) Apple Inc.
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(21) 2021245142 (22) 06.10.2021
(54) User interface for loyalty accounts and private label accounts for a wearable device
(51) Int. Cl.
G06Q 20/34 (2012.01)
G06Q 20/36 (2012.01)
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(43) 04.11.2021
(62) 2019271921
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(74) FPA Patent Attorneys Pty Ltd

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(21) 2021245192 (22) 07.10.2021
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(51) Int. Cl.
G06F 3/0487 (2013.01)
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(62) 2020200864
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(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021245204
(21) 2021245204 (22) 08.10.2021
(54) Chroma quantization in video coding
(51) Int. Cl.
H04N 19/124 (2014.01)
(43) 04.11.2021
(62) 2021203738
(72) TOURAPIS, Alexandros; COTE, Guy
(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
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(21) 2021245228 (22) 08.10.2021
(54) Techniques for managing display usage
(51) Int. Cl.
G09G 5/10 (2006.01)
(43) 04.11.2021
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(74) FPA Patent Attorneys Pty Ltd

(71) Apple Inc.
(11) AU-A-2021245251

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 (51) Int. Cl.
H04R 1/08 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

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 (21) 2021250863 (22) 12.10.2021
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 (51) Int. Cl.
G06F 3/01 (2006.01)
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 (74) FPA Patent Attorneys Pty Ltd

(71) Applied Medical Resources Corporation
 (11) AU-A-2021245156
 (21) 2021245156 (22) 06.10.2021
 (54) Simulated tissue structures and methods
 (51) Int. Cl.
B29C 41/20 (2006.01)
G09B 23/28 (2006.01)
G09B 23/34 (2006.01)
B29L 31/00 (2006.01)
 (43) 04.11.2021
 (62) 2016219865
 (72) HOFSTETTER, Gregory K
 (74) Griffith Hack

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 (11) AU-A-2021245200
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 (54) Electrosurgical instrument for fusing and cutting tissue and an electrosurgical generator
 (51) Int. Cl.
A61B 18/12 (2006.01)
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 (11) AU-A-2021249972
 (21) 2021249972 (22) 11.10.2021
 (54) Crystalline L-arginine salt of (R)-2-(7-(4-cyclopentyl-3-(trifluoromethyl)benzyloxy)-1,2,3,4-tetrahydrocyclo-penta[b]indol-3-yl)acetic acid(Compound1) for use in S1P1 receptor-associated disorders
 (51) Int. Cl.
C07D 209/94 (2006.01)
A61K 31/403 (2006.01)
A61P 1/00 (2006.01)
A61P 3/00 (2006.01)
A61P 5/00 (2006.01)
A61P 7/00 (2006.01)
A61P 9/00 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
A61P 37/00 (2006.01)
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 (62) 2020204164
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 (74) FB Rice Pty Ltd

(71) Arlec Australia Pty Ltd
 (11) AU-A-2021245227
 (21) 2021245227 (22) 08.10.2021
 (54) Heated electric towel rail
 (51) Int. Cl.
A47K 10/04 (2006.01)
 (43) 04.11.2021
 (62) 2015385746
 (72) Lim, Filipe Neto
 (74) Davies Collison Cave Pty Ltd

(71) Ascendis Pharma A/S
 (11) AU-A-2021245118
 (21) 2021245118 (22) 06.10.2021
 (54) Auto injector with temperature control
 (51) Int. Cl.
A61M 5/20 (2006.01)
A61M 5/315 (2006.01)
A61M 5/32 (2006.01)
 (43) 04.11.2021
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 (74) Shelston IP Pty Ltd.

(71) Australian Ramp Systems Pty Ltd
 (11) AU-A-2021245260
 (21) 2021245260 (22) 09.10.2021
 (54) Hand Rail and Kick Plate Assembly
 (51) Int. Cl.
E04F 11/18 (2006.01)

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E04G 21/32 (2006.01)
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 (62) 2019264636
 (72) Suggate, Trevor Ross
 (74) ACROGON GROUP PTY LTD

(71) BAYER HEALTHCARE LLC
 (11) AU-A-2021245214
 (21) 2021245214 (22) 08.10.2021
 (54) Treatment of age related macular degeneration with a small active choroidal neovascularization lesion
 (51) Int. Cl.
C07K 16/22 (2006.01)
A61K 31/00 (2006.01)
A61K 31/409 (2006.01)
A61K 38/17 (2006.01)
A61K 39/395 (2006.01)
A61K 41/00 (2020.01)
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 (51) Int. Cl.
G06N 10/00 (2019.01)
H01L 27/18 (2006.01)
H01L 29/66 (2006.01)
 (31) 202010318557.5 (32) 21.04.20 (33) CN
 (43) 04.11.2021
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 (74) Shelston IP Pty Ltd.

(71) Berkeley Lights, Inc.
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 (21) 2021245187 (22) 07.10.2021
 (54) Microfluidic cell culture
 (51) Int. Cl.
C12M 1/00 (2006.01)
C12M 3/00 (2006.01)
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 (74) FB Rice Pty Ltd

(71) Biorithm PTE LTD
 (11) AU-A-2021232707
 (21) 2021232707 (22) 14.09.2021
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 (51) Int. Cl.
A61B 5/344 (2021.01)

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(21) 2021202400 **(22)** 20.04.2021
(54) Mounting assembly for a tent
(51) Int. Cl.
E04H 15/06 (2006.01)
B60R 9/042 (2006.01)
E04H 15/46 (2006.01)
(31) 2020901233 **(32)** 20.04.20 **(33)** AU
(43) 04.11.2021
(72) Blakey, Michael
(74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) Brown, D.
(11) AU-A-2021250847
(21) 2021250847 **(22)** 12.10.2021
(54) Compositions and methods to improve the therapeutic benefit of suboptimally administered chemical compounds including substituted hexitols such as dibromodulcitol
(51) Int. Cl.
C07C 31/34 (2006.01)
A61K 31/047 (2006.01)
A61K 31/70 (2006.01)
A61P 35/00 (2006.01)
(43) 04.11.2021
(62) 2019213388
(72) BROWN, Dennis
(74) Spruson & Ferguson

(71) C.R. Bard, Inc.
(11) AU-A-2021245158
(21) 2021245158 **(22)** 06.10.2021
(54) PERFUSION BALLOON WITH A SELECTIVELY ACTUATABLE VALVE
(51) Int. Cl.
A61M 25/10 (2013.01)
(43) 04.11.2021
(62) 2015413914
(72) Edgar, Sanchez Garcia
(74) Griffith Hack

(71) Cabbacis LLC
(11) AU-A-2021245244
(21) 2021245244 **(22)** 08.10.2021
(54) METHODS AND PRODUCTS TO FACILITATE SMOKERS SWITCHING TO A TOBACCO HEATING PRODUCT OR E-CIGARETTES
(51) Int. Cl.
A24F 47/00 (2020.01)
H01J 49/00 (2006.01)
(43) 04.11.2021
(62) 2019312297
(72) Pandolfino, Joseph
(74) Pini IP

(71) California Institute of Technology
(11) AU-A-2021245196
(21) 2021245196 **(22)** 07.10.2021
(54) FRACTIONAL INITIATOR HYBRIDIZATION CHAIN REACTION
(51) Int. Cl.
C07H 21/00 (2006.01)
C07H 21/02 (2006.01)
C12Q 1/68 (2018.01)
(43) 04.11.2021
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(74) Davies Collison Cave Pty Ltd

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(54) Systems and methods for automatically grouping design elements
(51) Int. Cl.
G06T 11/60 (2006.01)
G06F 3/0481 (2013.01)
G06F 3/0485 (2013.01)
G06F 16/35 (2019.01)
(31) 2020901186 **(32)** 15.04.20 **(33)** AU
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(72) Geldard, Mars
(74) FPA Patent Attorneys Pty Ltd

(71) Canva Pty Ltd
(11) AU-A-2021202282
(21) 2021202282 **(22)** 15.04.2021
(54) Systems and methods for applying effects to design elements
(51) Int. Cl.
G06T 11/60 (2006.01)
G06T 11/40 (2006.01)
G06T 15/60 (2006.01)
G06T 15/80 (2011.01)
(31) 2020901256 **(32)** 21.04.20 **(33)** AU
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(72) Vong, Declan Robin; Anderson, Matthew David; Santos, Lynneal Jia; Walker, Jesse James
(74) FPA Patent Attorneys Pty Ltd

(71) Cardinal Health 529, LLC
(11) AU-A-2021250872
(21) 2021250872 **(22)** 12.10.2021
(54) System for re-entering a vessel lumen
(51) Int. Cl.
A61M 25/04 (2006.01)
A61M 25/00 (2006.01)
(43) 04.11.2021
(62) 2020200739
(72) Wilkinson, Matthew
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(71) Caroma Industries Limited
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(21) 2021245125 **(22)** 06.10.2021
(54) Maintenance management system and method
(51) Int. Cl.
G06Q 10/06 (2012.01)

G06F 17/00 (2019.01)
G06Q 10/00 (2012.01)
G06Q 50/12 (2012.01)
(43) 04.11.2021
(62) 2018221877
(72) CUMMINGS, Stephen John
(74) Spruson & Ferguson

(71) Case Western Reserve University
(11) AU-A-2021245176
(21) 2021245176 **(22)** 07.10.2021
(54) Encapsulation of ultra-stable insulin analogues with polymer melts
(51) Int. Cl.
C07K 14/62 (2006.01)
A61K 38/28 (2006.01)
A61K 47/30 (2006.01)
A61P 3/10 (2006.01)
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(74) MINTER ELLISON

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(54) METHODS FOR ISOLATION OF PLATELETS
(51) Int. Cl.
A61K 35/16 (2015.01)
(43) 04.11.2021
(62) 2015374049
(72) Khorshidi, Manoochehr
(74) Phillips Ormonde Fitzpatrick

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(21) 2021245178 **(22)** 07.10.2021
(54) Stabilized antibody-containing liquid formulations
(51) Int. Cl.
A61K 39/00 (2006.01)
A61K 9/08 (2006.01)
A61K 9/19 (2006.01)
A61K 47/18 (2017.01)
A61K 47/26 (2006.01)
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(62) 2020200395
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(74) Spruson & Ferguson

(71) Cingulate Therapeutic LLC
(11) AU-A-2021245179
(21) 2021245179 **(22)** 07.10.2021
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(51) Int. Cl.
A61K 9/22 (2006.01)
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(62) 2016225052
(72) BRAMS, Matthew; SILVA, Raul; STRAUGHN, Arthur
(74) Spruson & Ferguson

(71) ClearStream Technologies Limited
(11) AU-A-2021245242

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 (54) Embolization devices and methods of manufacturing the same
 (51) Int. Cl.
A61B 17/12 (2006.01)
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 (62) 2019441553
 (72) Wall, Seán; Ronan, Allan
 (74) Griffith Hack
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- (71) ConforMIS, Inc.
 (11) AU-A-2021245173
 (21) 2021245173 (22) 07.10.2021
 (54) Advanced methods, techniques, devices, and systems for cruciate retaining knee implants
 (51) Int. Cl.
A61F 2/38 (2006.01)
A61F 2/28 (2006.01)
A61F 2/30 (2006.01)
 (43) 04.11.2021
 (62) 2019253806
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 (74) FB Rice Pty Ltd
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 (11) AU-A-2021245155
 (21) 2021245155 (22) 06.10.2021
 (54) Uterine manipulator
 (51) Int. Cl.
A61B 17/42 (2006.01)
A61B 17/00 (2006.01)
A61B 17/12 (2006.01)
A61B 18/00 (2006.01)
 (43) 04.11.2021
 (62) 2019225649
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 (11) AU-A-2021245234
 (21) 2021245234 (22) 08.10.2021
 (54) Orthopedic drill bit with swiveling head
 (51) Int. Cl.
A61B 17/16 (2006.01)
 (43) 04.11.2021
 (62) 2018282748
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 (74) Griffith Hack
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 (11) AU-A-2021245170
 (21) 2021245170 (22) 07.10.2021
 (54) Flexible, adjustable lens power liquid crystal cells and lenses
 (51) Int. Cl.
G02C 7/08 (2006.01)
G02C 7/04 (2006.01)
G02C 11/00 (2006.01)
G02F 1/1339 (2006.01)
G02F 1/29 (2006.01)
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- (71) CryoLife, Inc.
 (11) AU-A-2021245207
 (21) 2021245207 (22) 08.10.2021
 (54) Human placental tissue graft products, methods, and apparatuses
 (51) Int. Cl.
A61L 27/44 (2006.01)
A61L 27/20 (2006.01)
A61L 27/22 (2006.01)
A61L 27/54 (2006.01)
A61L 27/60 (2006.01)
A61P 17/02 (2006.01)
F26B 5/06 (2006.01)
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 (74) FB Rice Pty Ltd
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 (11) AU-A-2021245265
 (21) 2021245265 (22) 11.10.2021
 (54) METHODS AND APPARATUS FOR CONTROLLED RF TREATMENTS AND RF GENERATOR SYSTEM
 (51) Int. Cl.
A61B 18/14 (2006.01)
A61B 18/16 (2006.01)
A61B 18/18 (2006.01)
A61B 18/20 (2006.01)
 (43) 04.11.2021
 (62) 2019217623
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 (74) Northern Lights IP
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- (71) Danstar Ferment AG
 (11) AU-A-2021245246
 (21) 2021245246 (22) 08.10.2021
 (54) Methods for the improvement of organoleptic properties of must, non-fermented and fermented beverages
 (51) Int. Cl.
C12G 1/00 (2019.01)
A01G 7/06 (2006.01)
A01N 63/04 (2006.01)
C05F 11/08 (2006.01)
 (43) 04.11.2021
 (62) 2020202032
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 (74) Spruson & Ferguson
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- (71) Deere & Company
 (11) AU-A-2021201548
 (21) 2021201548 (22) 11.03.2021
 (54) Pipe-laying system and method
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- (51) Int. Cl.
E02F 9/26 (2006.01)
E02F 3/00 (2006.01)
E02F 5/30 (2006.01)
 (31) 16/850,798 (32) 16.04.20 (33) US
 (43) 04.11.2021
 (72) Graham, Brett S.
 (74) Davies Collison Cave Pty Ltd
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- (71) Dexcom, Inc.
 (11) AU-A-2021245266
 (21) 2021245266 (22) 11.10.2021
 (54) Transcutaneous analyte sensors, applicators therefor, and associated methods
 (51) Int. Cl.
A61B 5/00 (2006.01)
A61B 5/145 (2006.01)
A61B 5/1486 (2006.01)
A61B 17/34 (2006.01)
 (43) 04.11.2021
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 (74) FB Rice Pty Ltd
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- (71) Doknip Biopharm Co.
 (11) AU-A-2021245231
 (21) 2021245231 (22) 08.10.2021
 (54) Pharmaceutical composition comprising attenuated streptococcus pneumoniae strains and use thereof
 (51) Int. Cl.
A61K 39/09 (2006.01)
A61K 9/00 (2006.01)
A61K 39/00 (2006.01)
A61K 39/39 (2006.01)
A61K 45/06 (2006.01)
A61P 11/06 (2006.01)
A61P 37/08 (2006.01)
 (43) 04.11.2021
 (62) 2018257122
 (72) Rhee, Dong-Kwon; Seon, Seung-Han; Kim, Bo-Gyung
 (74) Shelston IP Pty Ltd.
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- (71) Dow AgroSciences LLC
 (11) AU-A-2021245186
 (21) 2021245186 (22) 07.10.2021
 (54) Fine mapping and validation of QTL underlying fiber content and seed coat color traits and identification of SNP markers for marker assisted selection

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of these traits derived from yellow seed coat (YSC) canola line YN01-429 and its lineage
(51) Int. Cl.
C12Q 1/68 (2018.01)
A01H 5/10 (2018.01)
A23L 19/00 (2016.01)
C12N 15/29 (2006.01)
(43) 04.11.2021
(62) 2019200923
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(74) FPA Patent Attorneys Pty Ltd

(71) Drive Products Inc.
(11) AU-A-2021202247
(21) 2021202247 **(22)** 14.04.2021
(54) Adaptable container assembly for truck-mounted containers to increase dumping effectiveness
(51) Int. Cl.
B60P 1/64 (2006.01)
B65F 3/24 (2006.01)
(31) 3077969 **(32)** 15.04.20 **(33)** CA
(43) 04.11.2021
(72) Khalasi, Bhargav
(74) IP SOLVED (ANZ) PTY. LTD.

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2021202148
(21) 2021202148 **(22)** 08.04.2021
(54) A LAUNDRY TREATING APPLIANCE HAVING A HEAT PUMP SYSTEM
(51) Int. Cl.
D06F 58/26 (2006.01)
D06F 25/00 (2006.01)
D06F 39/04 (2006.01)
D06F 58/24 (2006.01)
(31) 20169725.7 **(32)** 15.04.20 **(33)** EP
(43) 04.11.2021
(72) CAVARRETTA, Francesco; GAM-BARRO, Fabio; GOBBO, Gianni
(74) Halfords IP

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2021202150
(21) 2021202150 **(22)** 08.04.2021
(54) A LAUNDRY TREATING APPLIANCE HAVING A HEAT PUMP SYSTEM
(51) Int. Cl.
D06F 58/26 (2006.01)
D06F 25/00 (2006.01)
D06F 39/04 (2006.01)
D06F 58/24 (2006.01)
(31) 20169726.5 **(32)** 15.04.20 **(33)** EP
(43) 04.11.2021
(72) CAVARRETTA, Francesco; GAM-BARRO, Fabio; GOBBO, Gianni
(74) Halfords IP

(71) Electrolux Appliances Aktiebolag
(11) AU-A-2021202156

(21) 2021202156 **(22)** 08.04.2021
(54) A LAUNDRY TREATING APPLIANCE HAVING A HEAT PUMP SYSTEM
(51) Int. Cl.
D06F 39/04 (2006.01)
D06F 58/26 (2006.01)
F28D 1/047 (2006.01)
(31) 20169727.3 **(32)** 15.04.20 **(33)** EP
(43) 04.11.2021
(72) CAVARRETTA, Francesco; GAM-BARRO, Fabio; GOBBO, Gianni
(74) Halfords IP

(71) Ensign Drilling Inc.
(11) AU-A-2021202239
(21) 2021202239 **(22)** 14.04.2021
(54) Inertial Compensation for a Quill Oscillator
(51) Int. Cl.
E21B 7/24 (2006.01)
E21B 7/04 (2006.01)
(31) 63/010,239 **(32)** 15.04.20 **(33)** US
(43) 04.11.2021
(72) Chapman, Jarrod David; Saha, Chiranjit; Halloran, Sean Timothy
(74) James & Wells Intellectual Property

(71) Epizyme, Inc.
(11) AU-A-2021245168
(21) 2021245168 **(22)** 07.10.2021
(54) AMINE-SUBSTITUTED ARYL OR HETEROARYL COMPOUNDS AS EHMT1 AND EHMT2 INHIBITORS
(51) Int. Cl.
C07D 231/38 (2006.01)
A61K 31/44 (2006.01)
A61K 31/505 (2006.01)
A61K 31/506 (2006.01)
A61P 7/06 (2006.01)
A61P 35/02 (2006.01)
C07D 239/48 (2006.01)
C07D 401/12 (2006.01)
(43) 04.11.2021
(62) 2017250369
(72) Kuntz, Kevin Wayne; Duncan, Kenneth William; Campbell, John Emmerson; Munchhof, Michael John; Mills, James Edward John; Harvey, Darren Martin; Foley, Megan Alene
(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) FEENEY, L.
(11) AU-A-2021245235
(21) 2021245235 **(22)** 08.10.2021
(54) A VISUAL TRACKING SYSTEM AND METHOD
(51) Int. Cl.
H05B 47/155 (2020.01)
(43) 04.11.2021
(62) 2016277461
(72) FEENEY, Liam
(74) Maddersn Pty Ltd

(71) Fiamma S.p.A.
(11) AU-A-2021245225
(21) 2021245225 **(22)** 08.10.2021

(54) Fan-shaped vehicle awning
(51) Int. Cl.
E04F 10/04 (2006.01)
B60P 3/32 (2006.01)
B60P 3/34 (2006.01)
E04H 15/08 (2006.01)
(43) 04.11.2021
(62) 2016311288
(72) POZZI, John-David; POZZI, Charles Philip
(74) Spruson & Ferguson

(71) Fiber Mountain, Inc
(11) AU-A-2021245161
(21) 2021245161 **(22)** 06.10.2021
(54) Connectivity Appliance
(51) Int. Cl.
G02B 6/04 (2006.01)
G02B 6/24 (2006.01)
G02B 6/28 (2006.01)
G02B 6/36 (2006.01)
G02B 6/38 (2006.01)
G02B 6/42 (2006.01)
H04Q 1/00 (2006.01)
H04Q 1/02 (2006.01)
H04Q 1/04 (2006.01)
H04Q 1/06 (2006.01)
H04Q 1/08 (2006.01)
H04Q 1/12 (2006.01)
H04Q 1/14 (2006.01)
(43) 04.11.2021
(62) 2018231233
(72) Raza, Mohammed H.; Joseph, Boby; Stone, David G.; Lorenzo, Aristito; Plante, Ronald M.; Ly, Phuc Minh; O'Neil, Robert; Lagana, John R.
(74) Eagar & Associates Pty Ltd

(71) Field Orthopaedics Pty Ltd
(11) AU-A-2021202245
(21) 2021202245 **(22)** 14.04.2021
(54) ORTHOPAEDIC BONE STABILISATION DEVICE
(51) Int. Cl.
A61B 17/86 (2006.01)
(31) 2020901202 **(32)** 16.04.20 **(33)** AU
(43) 04.11.2021
(72) Pather, Shanthan; Bairstow, Jarred
(74) Michael Buck IP

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2021245210
(21) 2021245210 **(22)** 08.10.2021
(54) HEADGEAR FOR RESPIRATORY INTERFACES
(51) Int. Cl.
A61M 16/06 (2006.01)
(43) 04.11.2021
(62) 2020201523
(72) HAMMER, Jeroen; NICOLSON, Charles
(74) AJ PARK

(71) FISHER & PAYKEL HEALTHCARE LIMITED
(11) AU-A-2021245217

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 (54) PATIENT INTERFACE AND ASPECTS THEREOF
 (51) Int. Cl.
A61M 16/06 (2006.01)
A62B 9/00 (2006.01)
 (43) 04.11.2021
 (62) 2019208240
 (72) ALLAN, Olivia Marie; GARDIOLA, Arvin San Jose; GRADON, Lewis George; HUANG, Wen Dong; MCAULEY, Alastair Edwin; MCLAREN, Mark; PRENTICE, Craig Robert; SALMON, Andrew Paul Maxwell; SIEW, Silas Sao Jin
 (74) AJ PARK

(71) Five Prime Therapeutics, Inc.
 (11) AU-A-2021245169
 (21) 2021245169 (22) 07.10.2021
 (54) Afucosylated anti-FGFR2IIIb antibodies
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
A61P 35/00 (2006.01)
 (43) 04.11.2021
 (62) 2019206039
 (72) HARDING, Thomas; PIERCE, Kristen; PATIL, Namrata; BRENNAN, Thomas; HAMBLETON, Julie
 (74) Griffith Hack

(71) Focused Technology Solutions, Inc.
 (11) AU-A-2021245248
 (21) 2021245248 (22) 08.10.2021
 (54) Railroad spike remover
 (51) Int. Cl.
E01B 29/32 (2006.01)
E01B 29/24 (2006.01)
 (43) 04.11.2021
 (62) 2020200080
 (72) BENJAMIN, Timothy J.; BARTEK, Peter M.; DASH, Corey; ALONZO, Kristopher Andre; BARNBY, Trevor Lee-Michael; GANTT, Samuel Horace; RUHALA, Laura Ann; SCOTT, Daniel Richard
 (74) Griffith Hack

(71) Formway Furniture Limited
 (11) AU-A-2021245215
 (21) 2021245215 (22) 08.10.2021
 (54) A CHAIR AND COMPONENTS
 (51) Int. Cl.
A47C 3/12 (2006.01)
A47C 1/024 (2006.01)
A47C 3/027 (2006.01)
A47C 7/02 (2006.01)
 (43) 04.11.2021
 (62) 2017216131
 (72) Parker, Kent Wallace; Collings, Martyn Walter Goodwin; O'Hara, Wayne Douglas; Young, Aaron Michael; Stevenson, Paul James; Bateman, Gavin James; Lin, Kai Xi
 (74) AJ PARK

(71) Foshan Ideal Co., Ltd.
 (11) AU-A-2020389479
 (21) 2020389479 (22) 17.04.2020
 (54) Shower door sliding mechanism for soft positioning
 (51) Int. Cl.
A47K 3/34 (2006.01)
E05D 15/06 (2006.01)
E05F 5/00 (2017.01)
 (43) 04.11.2021
 (72) WEI, Wuxiang
 (74) Shelston IP Pty Ltd.

(71) Fresenius Medical Care Holdings, Inc.
 (11) AU-A-2021250873
 (21) 2021250873 (22) 12.10.2021
 (54) Systems and methods for treating and estimating progression of chronic kidney disease
 (51) Int. Cl.
G16H 50/20 (2018.01)
G16H 20/10 (2018.01)
 (43) 04.11.2021
 (62) 2018313853
 (72) Blanchard, Thomas C.; Usvyat, Len; Wang, Yuedong; Kotanko, Peter; Maddux, Dugan W.; Maddux, Franklin W.
 (74) Davies Collison Cave Pty Ltd

(71) Frito-Lay Trading Company GmbH
 (11) AU-A-2021245216
 (21) 2021245216 (22) 08.10.2021
 (54) Snack food chips
 (51) Int. Cl.
A23L 5/10 (2016.01)
A23L 7/13 (2016.01)
A23L 29/10 (2016.01)
A23L 29/212 (2016.01)
 (43) 04.11.2021
 (62) 2017339557
 (72) Bhaskar, Ajay Rajeshwar; Booden, Helen Charlotte; Smith, Katherine Margaret; Vera Nunez, Daniel
 (74) Allens Patent & Trade Mark Attorneys

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 (21) 2021250841

(71) Genzyme Corporation
 (11) AU-A-2021245177
 (21) 2021245177 (22) 07.10.2021
 (54) Glycoengineered antibody drug conjugates
 (51) Int. Cl.
C07K 16/28 (2006.01)
C07K 16/32 (2006.01)
C07K 16/40 (2006.01)
 (43) 04.11.2021
 (62) 2015330869
 (72) Avila, Luis Z.; Zhou, Qun
 (74) Griffith Hack

(71) Globe International Nominees Pty Ltd
 (11) AU-A-2021245199
 (21) 2021245199 (22) 07.10.2021
 (54) Motorized wheel assembly with quick release
 (51) Int. Cl.
B60K 7/00 (2006.01)
A63C 17/01 (2006.01)
A63C 17/12 (2006.01)
B60B 27/06 (2006.01)
B60B 35/08 (2006.01)
B60K 1/00 (2006.01)
 (43) 04.11.2021
 (62) 2016339070
 (72) Quick, Duncan; Hill, Peter
 (74) FB Rice Pty Ltd

(71) Goldman Sachs & Co. LLC
 (11) AU-A-2021245127
 (21) 2021245127 (22) 06.10.2021
 (54) SYSTEM AND METHOD FOR COUPLED DETECTION OF SYNTAX AND SEMANTICS FOR NATURAL LANGUAGE UNDERSTANDING AND GENERATION
 (51) Int. Cl.
G10L 15/00 (2013.01)
 (43) 04.11.2021
 (62) 2017362314
 (72) Burchard, Paul
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) Goodrich, D.
 (11) AU-A-2021245124
 (21) 2021245124 (22) 06.10.2021
 (54) Extensible paper and its use in the production of expanded slit packaging wrap and void fill products
 (51) Int. Cl.
B65D 65/02 (2006.01)
 (43) 04.11.2021
 (62) 2018290739
 (72) Goodrich, David
 (74) Allens Patent & Trade Mark Attorneys

(71) Green Cross Corporation; Mogam Institute for Biomedical Research
 (11) AU-A-2021250834
 (21) 2021250834 (22) 11.10.2021
 (54) Factor VIII or factor IX gene knockout rabbit, method for preparing same and use thereof
 (51) Int. Cl.
C12N 15/85 (2006.01)
A01K 67/027 (2006.01)
C12N 9/10 (2006.01)
C12N 9/22 (2006.01)
C12N 9/64 (2006.01)
C12N 15/10 (2006.01)
C12N 15/113 (2010.01)
 (43) 04.11.2021
 (62) 2018341437
 (72) KIM, So Ra; JUNG, Myung Eun; KIM, Min Jung; JO, Seung Hyun; HWANG, Sung Ho; KWAK, Hee Chun; LEE, Su Min; NAM, Hyun Ja
 (74) FB Rice Pty Ltd

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- (71) Guangdong Bright Dream Robotics Co., Ltd.
 (11) AU-A-2020426865
 (21) 2020426865 (22) 30.10.2020
 (54) Method and device for planning wall surface polishing path, apparatus and medium
 (51) Int. Cl.
B24B 1/00 (2006.01)
G06Q 50/08 (2012.01)
 (31) 202010309247.7 (32) 20.04.20 (33) CN
 (43) 04.11.2021
 (72) YUAN, Haonan; CHEN, Hangying; CAO, Guo; SHU, Yuan; LIU, Moulin; HE, Suyun; ZHANG, Tongxin; TAO, Zhicheng
 (74) Griffith Hack
-
- (71) Halkey-Roberts Corporation
 (11) AU-A-2021250861
 (21) 2021250861 (22) 12.10.2021
 (54) Medical luer connector
 (51) Int. Cl.
A61M 5/168 (2006.01)
A61M 25/16 (2006.01)
A61M 25/18 (2006.01)
 (43) 04.11.2021
 (62) 2019232907
 (72) Bonaldo, Jean
 (74) Spruson & Ferguson
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- (71) Hanmi Pharm. Co., Ltd.
 (11) AU-A-2021203645
 (21) 2021203645 (22) 20.04.2021
 (54) Composition for prevention or treatment of hyperlipidemia comprising trigonal glucagon/GLP-1/GIP receptor agonist or conjugate thereof and method using the same
 (51) Int. Cl.
A61K 38/22 (2006.01)
A61K 38/26 (2006.01)
A61P 3/06 (2006.01)
 (31) 10-2020-0047733 (32) 20.04.20 (33) KR
 (43) 04.11.2021
 (72) JO, Hyo Sang; KIM, Jung Kuk; LEE, A. Ram; KIM, Sang Yun
 (74) Shelston IP Pty Ltd.
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- (71) Hemideina Pty Ltd
 (11) AU-A-2021245167
 (21) 2021245167 (22) 07.10.2021
 (54) Acoustic devices
 (51) Int. Cl.
H04R 17/10 (2006.01)
H04R 1/22 (2006.01)
H04R 25/00 (2006.01)
 (43) 04.11.2021
 (62) 2020206801
 (72) LOMAS, Kathryn; REID, Andrew; MC-SWEENEY, Toby; TROTT, Daniel; WINDMILL, James; JACKSON, Joseph
 (74) FB Rice Pty Ltd
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- (71) HKN International, LLC d/b/a Aeromsmith Fastening Systems
 (11) AU-A-2021202679
 (21) 2021202679 (22) 13.04.2021
 (54) Fastening system
 (51) Int. Cl.
F16B 5/00 (2006.01)
F16B 15/08 (2006.01)
 (31) 63/010,301 (32) 15.04.20 (33) US
 (43) 04.11.2021
 (72) KUDLAK, Don; JESSEE Jr., Ronald Spencer
 (74) Phillips Ormonde Fitzpatrick
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- (71) Honor Device Co., Ltd
 (11) AU-A-2021245174
 (21) 2021245174 (22) 07.10.2021
 (54) METHOD AND APPARATUS FOR DISPLAYING CANDIDATE WORD, AND GRAPHICAL USER INTERFACE
 (51) Int. Cl.
G06F 3/048 (2013.01)
 (43) 04.11.2021
 (62) 2020204635
 (72) Zheng, Weibin; Zhang, Yue
 (74) Phillips Ormonde Fitzpatrick
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- (71) IDS Georadar S.r.l.
 (11) AU-A-2021201855
 (21) 2021201855 (22) 24.03.2021
 (54) Method for monitoring the stability of an excavation front using radar interferometry
 (51) Int. Cl.
G01S 13/90 (2006.01)
G01S 7/02 (2006.01)
G06T 7/00 (2017.01)
 (31) 10202000008110 (32) 16.04.20 (33) IT
 (43) 04.11.2021
 (72) CECCHETTI, Matteo; COPPI, Francesco; TWARDZIK, Matthias
 (74) Spruson & Ferguson
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- (71) IE-CHENG TECHNOLOGY (TIANJIN) CO., LTD.
 (11) AU-A-2021245149
 (21) 2021245149 (22) 06.10.2021
 (54) ROAD PROJECTING METHOD AND SYSTEM FOR A TRAFFIC LIGHT
 (51) Int. Cl.
G08G 1/095 (2006.01)
G08G 1/09 (2006.01)
 (43) 04.11.2021
 (62) 2017432557
 (72) LI, Xiangying; JIAO, Xuelian
 (74) Burns IP & Commercial Pty Ltd
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- (71) Illumina, Inc.; Illumina Cambridge Limited
 (11) AU-A-2021245157
 (21) 2021245157 (22) 06.10.2021
 (54) Reduced Dimensionality Structured Illumination Microscopy With Patterned Arrays Of Nanowells
 (51) Int. Cl.
G06K 9/78 (2006.01)
B82Y 15/00 (2011.01)
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- G01N 1/28** (2006.01)
 (43) 04.11.2021
 (62) 2019211231
 (72) SKINNER, Gary Mark; EVANS, Geraint Wyn; HONG, Stanley S
 (74) WRAYS PTY LTD
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- (71) Illumina, Inc.
 (11) AU-A-2021245253
 (21) 2021245253 (22) 08.10.2021
 (54) Flow Cell With Flexible Connection
 (51) Int. Cl.
G01N 35/02 (2006.01)
B81B 3/00 (2006.01)
 (43) 04.11.2021
 (62) 2019270818
 (72) DELATTRE, Cyril; RHEE, Minsoung; LIU, Jeffrey; COX-MURANAMI, Wesley; CRIVELLI, Paul; FOLEY, Jennifer; SEGAL, Darren; TAYLOR, Jay; HAGE, Matthew Hans; Paik, Philip; ALLEGOREN, Erik; HERTZOG, David; MOROZ-SMIETANA, Alex; MA, Xiaoxiao; TAKAHASHI, Tsukasa; WESTERBERG, Brandon
 (74) WRAYS PTY LTD
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 (21) 2021245157
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- (71) ImmunoGen, Inc.
 (11) AU-A-2021250837
 (21) 2021250837 (22) 11.10.2021
 (54) Anti-FOLR1 immunoconjugate dosing regimens
 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 31/573 (2006.01)
A61K 39/395 (2006.01)
C07K 16/32 (2006.01)
 (43) 04.11.2021
 (62) 2019250121
 (72) RUNNING, Kelli; MASTICO, Robert A.; O'LEARY, James J.; AB, Olga; WOLF, Beni B.
 (74) Spruson & Ferguson
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- (71) Implantica Patent Ltd
 (11) AU-A-2021245239
 (21) 2021245239 (22) 08.10.2021
 (54) Abdominal Instrument And Method
 (51) Int. Cl.
A61F 5/00 (2006.01)
A61B 17/34 (2006.01)
A61B 17/00 (2006.01)
 (43) 04.11.2021
 (62) 2018319204
 (72) Forsell, Peter
 (74) WRAYS PTY LTD
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- (71) Inari Medical, Inc.
 (11) AU-A-2021245137
 (21) 2021245137 (22) 06.10.2021

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(54) Intravascular treatment of vascular occlusion and associated devices, systems, and methods
 (51) Int. Cl.
A61B 17/221 (2006.01)
 (43) 04.11.2021
 (62) 2016341439
 (72) Marchand, Phil; Thress, John C.; Louw, Jacob F.; Cox, Brian J.; Quick, Richard
 (74) Spruson & Ferguson

(71) INCYTE CORPORATION
 (11) AU-A-2021245220
 (21) 2021245220 (22) 08.10.2021
 (54) PYRROLOTRIAZINE COMPOUNDS AS TAM INHIBITORS
 (51) Int. Cl.
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
 (43) 04.11.2021
 (62) 2017241524
 (72) Li, Yun-Long; Wang, Xiaozhao; Barbosa, Joseph; Burns, David M.; Feng, Hao; Glenn, Joseph; He, Chunhong; Huang, Taisheng; Mei, Song; Zhuo, Jincong
 (74) Houlihan² Pty Ltd

(71) Institute of Zoology, Guangdong Academy of Sciences
 (11) AU-A-2021201392
 (21) 2021201392 (22) 03.03.2021
 (54) THREE-DIMENSIONAL DYNAMIC CULTURE METHOD FOR IN-VITRO EXPANSION OF SPERMATOGONIAL STEM CELLS USING MICROCARRIERS
 (51) Int. Cl.
C12N 5/076 (2010.01)
C12M 1/10 (2006.01)
C12M 1/26 (2006.01)
C12M 3/00 (2006.01)
C12N 11/02 (2006.01)
 (31) 202010314524.3 (32) 21.04.20 (33) CN
 (43) 04.11.2021
 (72) Zhang, Xiujuan; Chen, Jinping; Bai, Yinshan; Zhang, Shouquan; Wang, Chengmin
 (74) Madderns Pty Ltd

(71) Intuit Inc.
 (11) AU-A-2020372605
 (21) 2020372605 (22) 15.05.2020
 (54) Mapping natural language utterances to operations over a knowledge graph
 (51) Int. Cl.
G06F 16/90 (2019.01)
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 (31) 16/849,797 (32) 15.04.20 (33) US
 (43) 04.11.2021
 (72) KUMAR, Srisharan Kallur Palli; OS-MON, Cynthia Joann; DE PEUTER, Conrad; MEIKE, Roger C.; COU-LOMBE, Gregory Kenneth; MALYNIN, Pavlo
 (74) Davies Collison Cave Pty Ltd

(71) Invuity, Inc.
 (11) AU-A-2021245257
 (21) 2021245257 (22) 08.10.2021
 (54) PROJECTION SCANNING SYSTEM
 (51) Int. Cl.
G02B 27/01 (2006.01)
 (43) 04.11.2021
 (62) 2018306730
 (72) VAYSER, Alex; DALMA-WEISZHAUSZ, Dennise
 (74) Davies Collison Cave Pty Ltd

(71) IPSEN BIOPHARM LIMITED
 (11) AU-A-2021245226
 (21) 2021245226 (22) 08.10.2021
 (54) Non-neuronal snare-cleaving botulinum neurotoxins
 (51) Int. Cl.
C07K 14/33 (2006.01)
A61K 39/08 (2006.01)
 (43) 04.11.2021
 (62) 2019211190
 (72) BINZ, Thomas; SIKORRA, Stefan
 (74) Griffith Hack

(71) IRIS ID PTY LIMITED
 (11) AU-A-2021245140
 (21) 2021245140 (22) 06.10.2021
 (54) Dispensing System
 (51) Int. Cl.
A61M 35/00 (2006.01)
A47K 5/12 (2006.01)
G07F 13/08 (2006.01)
 (43) 04.11.2021
 (62) 2018220070
 (72) MCGHEE, Kristofor
 (74) Wallington-Dummer

(71) Janssen Biotech, Inc.
 (11) AU-A-2021245259
 (21) 2021245259 (22) 09.10.2021
 (54) Culturing of human embryonic stem cells at the air-liquid interface for differentiation into pancreatic endocrine cells
 (51) Int. Cl.
C12N 5/071 (2010.01)
C12N 5/0735 (2010.01)
 (43) 04.11.2021
 (62) 2018279009
 (72) Rezania, Alireza
 (74) RnB IP Pty Ltd

(71) Jay At Play International Hong Kong Limited d/b/a Jay At Play
 (11) AU-A-2021250868
 (21) 2021250868 (22) 12.10.2021
 (54) Combination pillow and sleeping bag or blanket or comforter
 (51) Int. Cl.
A47G 9/00 (2006.01)
A47G 9/08 (2006.01)
A47G 9/10 (2006.01)
A63H 3/00 (2006.01)
A63H 3/02 (2006.01)

(43) 04.11.2021
 (62) 2020363970
 (72) SUTTON, Joseph A.; WARD, William
 (74) Griffith Hack

(71) JC Medical, Inc.
 (11) AU-A-2021245136
 (21) 2021245136 (22) 06.10.2021
 (54) Prosthetic heart valve delivery system
 (51) Int. Cl.
A61F 2/24 (2006.01)
 (43) 04.11.2021
 (62) 2019205321
 (72) ZHANG, Ji; YANG, Cheng Yong; WALSH, Brandon G.
 (74) Davies Collison Cave Pty Ltd

(71) Kim, H.
 (11) AU-A-2021202411
 (21) 2021202411 (22) 20.04.2021
 (54) BIODEGRADABLE, CURABLE COMPOSITION AND STRUCTURE USING THE SAME
 (51) Int. Cl.
B65D 65/46 (2006.01)
A23J 1/02 (2006.01)
A23J 3/04 (2006.01)
A23J 3/06 (2006.01)
C08B 37/00 (2006.01)
C08B 37/12 (2006.01)
C08J 3/24 (2006.01)
C08L 89/00 (2006.01)
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 (43) 04.11.2021
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 (74) Acacia Law

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 (51) Int. Cl.
F03B 13/24 (2006.01)
E02B 9/08 (2006.01)
E21B 7/04 (2006.01)
 (31) GB2005596.8 (32) 17.04.20 (33) GB
 (43) 04.11.2021
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 (21) 2021250858 (22) 12.10.2021
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 (51) Int. Cl.
C07K 16/28 (2006.01)
A61K 39/00 (2006.01)
G01N 33/50 (2006.01)
 (43) 04.11.2021
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(54) Stable intranasal formulations of carb-
etocin

(51) Int. Cl.

A61K 9/08 (2006.01)

A61K 31/455 (2006.01)

A61K 38/095 (2019.01)

A61K 47/38 (2006.01)

A61P 25/28 (2006.01)

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(21) 2021245189 (22) 07.10.2021

(54) Vacuum adiabatic body and refrigerator

(51) Int. Cl.

F25D 23/06 (2006.01)

F16L 59/065 (2006.01)

F25D 19/00 (2006.01)

F25D 23/02 (2006.01)

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Kim, Daewoong

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(71) LG Electronics Inc.

(11) AU-A-2021245198

(21) 2021245198 (22) 07.10.2021

(54) Vacuum adiabatic body and refrigerator

(51) Int. Cl.

F25D 23/06 (2006.01)

F16L 59/065 (2006.01)

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(54) REFRIGERATOR

(51) Int. Cl.

F25D 23/02 (2006.01)

H05K 5/02 (2006.01)

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(74) Dentons Patent Attorneys Australasia
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(51) Int. Cl.

F25D 23/02 (2006.01)

H05K 5/02 (2006.01)

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(51) Int. Cl.

D06F 37/06 (2006.01)

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B01D 29/11 (2006.01)

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(51) Int. Cl.

G06Q 20/40 (2012.01)

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B65D 43/02 (2006.01)

A61J 1/03 (2006.01)

A61J 7/02 (2006.01)

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(54) Minimal saponin analogues, synthesis
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(51) Int. Cl.

C07H 13/08 (2006.01)

A61K 31/7024 (2006.01)

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neys Pty Ltd

(71) Merck Millipore Ltd.

(11) AU-A-2021250856

(21) 2021250856 (22) 12.10.2021

(54) Chromatography membranes formed
by thiol-ene or thiol-yne click polymeriz-
ation reactions

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B01D 69/12 (2006.01)

B01D 67/00 (2006.01)

B01D 71/06 (2006.01)

B01J 20/26 (2006.01)

B01J 20/30 (2006.01)

C08J 3/24 (2006.01)

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C08L 81/02 (2006.01)

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compounds

(51) Int. Cl.

C07D 221/02 (2006.01)

A61K 9/26 (2006.01)

A61K 31/437 (2006.01)

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dysfunction and inflammation

(51) Int. Cl.

C12N 5/077 (2010.01)

A61K 35/28 (2015.01)

A61P 9/00 (2006.01)

A61P 13/12 (2006.01)

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G06Q 30/02 (2012.01)
A47J 31/00 (2006.01)
G06Q 50/10 (2012.01)
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G06Q 99/00 (2006.01)

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(74) Mariana Montali Da Assumpcao

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G01N 33/48 (2006.01)
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(11) AU-A-2021245201
(21) 2021245201 **(22)** 07.10.2021
(54) Method Of Making An Insulation Material And An Insulated Mailer

(51) Int. Cl.
D21H 17/35 (2006.01)
D21H 17/53 (2006.01)
D21H 21/18 (2006.01)
D21H 21/34 (2006.01)
D21H 25/06 (2006.01)
D21H 27/10 (2006.01)
D21H 27/30 (2006.01)
D21J 1/20 (2006.01)

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(74) WRAYS PTY LTD

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(21) 2021245130 **(22)** 06.10.2021
(54) Abuse-Resistant Controlled-Release Opioid Dosage Form

(51) Int. Cl.
A61K 9/22 (2006.01)
A61K 9/20 (2006.01)
A61K 31/135 (2006.01)
A61K 31/473 (2006.01)
A61K 31/485 (2006.01)
A61K 45/00 (2006.01)
A61K 47/04 (2006.01)
A61K 47/12 (2006.01)
A61K 47/20 (2006.01)
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(74) Allens Patent & Trade Mark Attorneys

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(21) 2021245193

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(11) AU-A-2021201904
(21) 2021201904 **(22)** 26.03.2021
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(54) GEOTEXTILE SAND CONTAINER WITH QUICK-RELEASE FASTENER

(51) Int. Cl.
B65D 88/16 (2006.01)
B65D 33/28 (2006.01)
E02B 3/12 (2006.01)

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(72) Pries, Dipl.-Ing. Janne Kristin; Tazl, Martin
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd

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(21) 2021245147 **(22)** 06.10.2021
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(51) Int. Cl.
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
G01N 33/53 (2006.01)

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(74) Davies Collison Cave Pty Ltd

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(21) 2021250860 **(22)** 12.10.2021
(54) Device for subcutaneous delivery of fluid medicament

(51) Int. Cl.
A61M 5/142 (2006.01)
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(74) Davies Collison Cave Pty Ltd

(71) NILO GLOBAL LIMITED
(11) AU-A-2021245237
(21) 2021245237 **(22)** 08.10.2021
(54) Plastic processing apparatus and related methods

(51) Int. Cl.
B02C 18/28 (2006.01)
B02C 4/02 (2006.01)
B29B 17/04 (2006.01)
F04D 29/00 (2006.01)

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(11) AU-A-2020220086
(21) 2020220086 **(22)** 29.04.2020
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(51) Int. Cl.
B32B 15/04 (2006.01)

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(11) AU-A-2021245143
(21) 2021245143 **(22)** 06.10.2021
(54) Threaded connection for oil country tubular goods and method for producing

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(51) Int. Cl.
C23C 22/77 (2006.01)
C23C 22/30 (2006.01)
C23C 28/00 (2006.01)
C25D 7/04 (2006.01)
F16L 15/04 (2006.01)
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(21) 2021245184 **(22)** 07.10.2021
(54) IL-1BETA BINDING ANTIBODIES FOR USE IN TREATING CANCER
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C07K 16/24 (2006.01)
A61K 39/00 (2006.01)
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(74) Davies Collison Cave Pty Ltd

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(21) 2021250843 **(22)** 11.10.2021
(54) ANTIBODY-CYTOKINE ENGRAFTED PROTEINS AND METHODS OF USE IN THE TREATMENT OF CANCER
(51) Int. Cl.
C07K 16/10 (2006.01)
A61K 38/20 (2006.01)
A61K 39/00 (2006.01)
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C07K 16/46 (2006.01)
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(51) Int. Cl.
A61F 2/16 (2006.01)
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(72) Cady, Kevin J.
(74) FPA Patent Attorneys Pty Ltd

(71) Opus Medical Therapies, LLC
(11) AU-A-2021250836
(21) 2021250836 **(22)** 11.10.2021

(54) Transcatherer atrial sealing skirt, anchor, and tether and methods of implantation
(51) Int. Cl.
A61B 17/00 (2006.01)
A61B 17/04 (2006.01)
A61B 17/064 (2006.01)
A61B 17/08 (2006.01)
A61F 2/24 (2006.01)
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(74) HopgoodGanim

(71) Oren Technologies, LLC
(11) AU-A-2021245243
(21) 2021245243 **(22)** 08.10.2021
(54) System and method for delivering propant to a blender
(51) Int. Cl.
B65G 65/42 (2006.01)
B65G 17/00 (2006.01)
B65G 65/30 (2006.01)
B65G 65/34 (2006.01)
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E21B 27/00 (2006.01)
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(74) Griffith Hack

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(51) Int. Cl.
A61B 34/30 (2016.01)
A61B 17/17 (2006.01)
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(54) Methods of treating developmental disorders with gaboxadol
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A61K 31/424 (2006.01)
A61K 31/4353 (2006.01)
A61P 25/00 (2006.01)
(43) 04.11.2021
(62) 2016295138
(72) During, Matthew
(74) Shelston IP Pty Ltd.

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(21) 2021250850 **(22)** 12.10.2021
(54) DOSAGE REGIMEN FOR MADCAM ANTAGONISTS
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(74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

(71) PFIZER INC.
(11) AU-A-2021245230
(21) 2021245230 **(22)** 08.10.2021
(54) STABLE AQUEOUS ANTI-VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) ANTIBODY FORMULATION
(51) Int. Cl.
C07K 16/22 (2006.01)
A61K 39/395 (2006.01)
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(62) 2016210918
(72) Ingram, Rebecca Lee; Weiser, Sarah Elizabeth
(74) Davies Collison Cave Pty Ltd

(71) Pictometry International Corp.
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(54) SYSTEMS AND METHODS FOR TAKING, PROCESSING, RETRIEVING, AND DISPLAYING IMAGES FROM UNMANNED AERIAL VEHICLES
(51) Int. Cl.
G05D 1/00 (2006.01)
(43) 04.11.2021
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(54) RESIN COMPOSITION AND METHOD FOR PRODUCING THE SAME
(51) Int. Cl.
C08L 3/04 (2006.01)
B32B 27/08 (2006.01)
B65D 81/34 (2006.01)
C08K 5/053 (2006.01)
C08L 29/04 (2006.01)
(31) 2020-074377 **(32)** 17.04.20 **(33)** JP
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 (21) 2020202617 (22) 17.04.2020
 (54) Frame assembly for mounting a fabric and the fabric for mounting thereon
 (51) Int. Cl.
G03B 17/04 (2006.01)
E04B 1/24 (2006.01)
G03B 15/06 (2006.01)
G09F 15/00 (2006.01)
 (43) 04.11.2021
 (72) WANG, Yuandi
 (74) Alder IP Pty Ltd

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 (11) AU-A-2021250840
 (21) 2021250840 (22) 11.10.2021
 (54) Compositions and methods for detecting and treating ovarian cancer
 (51) Int. Cl.
G01N 33/574 (2006.01)
C07K 16/26 (2006.01)
C07K 16/30 (2006.01)
 (43) 04.11.2021
 (62) 2017204682
 (72) PRIEUR, Alexandre
 (74) Spruson & Ferguson

(71) Robert Bosch GmbH
 (11) AU-A-2021202317
 (21) 2021202317 (22) 16.04.2021
 (54) Intercom signal mixer having channel tiles
 (51) Int. Cl.
H04B 1/401 (2015.01)
H04M 9/04 (2006.01)
H04Q 3/14 (2006.01)
 (31) 16/851,635 (32) 17.04.20 (33) US
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 (74) Spruson & Ferguson

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 (21) 2021245171

(71) Rohde & Schwarz GmbH & Co. KG
 (11) AU-A-2021200018
 (21) 2021200018 (22) 04.01.2021
 (54) System and method for transmitting time-critical analog signals and/or digital signal
 (51) Int. Cl.
H04L 12/00 (2006.01)
H04J 1/00 (2006.01)
H04J 3/00 (2006.01)
H04M 7/00 (2006.01)
 (31) 20 169 904.8 (32) 16.04.20 (33) EP
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 (72) LANGGUTH, Torsten; SCHWARZ, Andreas
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 (21) 2021245232 (22) 08.10.2021

(54) Systems and methods for determining context switching in conversation
 (51) Int. Cl.
G06F 16/242 (2019.01)
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G06F 16/9535 (2019.01)
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 (72) Mohaideen P, Ahmed Nizam; Venkataraman, Sashikumar; Malhotra, Manik
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 (21) 2021245193

(71) SeralP AG
 (11) AU-A-2021250871
 (21) 2021250871 (22) 12.10.2021
 (54) Fluid interface device for delivering fluid to and/or withdrawing fluid from a patient
 (51) Int. Cl.
A61M 5/172 (2006.01)
A61M 5/142 (2006.01)
A61M 39/02 (2006.01)
 (43) 04.11.2021
 (62) 2016368642
 (72) ANDRETTA, Carlo
 (74) Franke Hyland Pty Ltd

(71) Sigma-Aldrich Co. LLC
 (11) AU-A-2021245148
 (21) 2021245148 (22) 06.10.2021
 (54) Using nucleosome interacting protein domains to enhance targeted genome modification
 (51) Int. Cl.
C12N 15/90 (2006.01)
C12N 9/96 (2006.01)
C12N 15/11 (2006.01)
C12N 15/85 (2006.01)
C12N 15/86 (2006.01)
 (43) 04.11.2021
 (62) 2018299995
 (72) Chen, Fuqiang; Davis, Gregory D.; Ding, Xiao; Feng, Yongmei
 (74) Pizzey's Patent and Trade Mark Attorneys Pty Ltd

(71) SMF-Holding GmbH
 (11) AU-A-2021245182
 (21) 2021245182 (22) 07.10.2021
 (54) Knife blade for a cutting knife of an agricultural harvesting machine
 (51) Int. Cl.
A01D 34/13 (2006.01)
 (43) 04.11.2021
 (62) 2018314863
 (72) Otto, Sascha; Schmidt, Ralf
 (74) FPA Patent Attorneys Pty Ltd

(71) Snap-on Incorporated
 (11) AU-A-2021201877
 (21) 2021201877 (22) 25.03.2021

(54) COMMUNICATING BATTERY CHARGER
 (51) Int. Cl.
H02J 7/00 (2006.01)
 (31) 16/852,144 (32) 17.04.20 (33) US
 (43) 04.11.2021
 (72) KUTER-ARNEBECK, Ottoleo; KRIST, Randy F.
 (74) Griffith Hack

(71) Snap-on Incorporated
 (11) AU-A-2021201943
 (21) 2021201943 (22) 29.03.2021
 (54) STORAGE BIN WITH RETAINING FEATURE
 (51) Int. Cl.
B25H 3/06 (2006.01)
 (31) 63/010,753 (32) 16.04.20 (33) US
 17/211,051 24.03.21 US
 (43) 04.11.2021
 (72) KUTER-ARNEBECK, Ottoleo; WEIR, Nicholas H.
 (74) Griffith Hack

(71) Snap-on Incorporated
 (11) AU-A-2021236471
 (21) 2021236471 (22) 21.09.2021
 (54) Caster wheel
 (51) Int. Cl.
B60B 33/00 (2006.01)
 (43) 04.11.2021
 (62) 2019284067
 (72) DOERFLINGER, David A.; SHARP, William T.
 (74) Griffith Hack

(71) Spirox, Inc.
 (11) AU-A-2021245219
 (21) 2021245219 (22) 08.10.2021
 (54) NASAL IMPLANTS AND SYSTEMS AND METHOD OF USE
 (51) Int. Cl.
A61B 17/34 (2006.01)
A61B 17/24 (2006.01)
A61F 2/18 (2006.01)
A61F 5/08 (2006.01)
A61M 5/158 (2006.01)
 (43) 04.11.2021
 (62) 2016326676
 (72) Baron, Scott J.; Rosenthal, Michael H.; Domecus, Brian; Arora, Piyush; Mirizzi, Michael Stephan; Girotra, Rohit Kulbhushan
 (74) Davies Collison Cave Pty Ltd

(71) Stamicarbon B.V.
 (11) AU-A-2021245139
 (21) 2021245139 (22) 06.10.2021
 (54) Urea plant with stripper and stripping method
 (51) Int. Cl.
B01D 1/06 (2006.01)
B01D 19/00 (2006.01)

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 (62) 2020288071
 (72) GEVERS, Lambertus Wilhelmus;
 COLOMA GONZÁLEZ, Juan
 (74) Spruson & Ferguson

(71) STRATUM, LLC
 (11) AU-A-2021200064
 (21) 2021200064 (22) 07.01.2021
 (54) DYNAMICALLY ALLOCATED CLOUD
 WORKER MANAGEMENT SYSTEM
 AND METHOD THEREFOR
 (51) Int. Cl.
G06Q 10/06 (2012.01)
G06F 9/50 (2006.01)
G06F 15/16 (2006.01)
 (31) 16/853,371 (32) 20.04.20 (33) US
 (43) 04.11.2021
 (72) MURALEEDHARAN, Narendran;
 BROWN, Clayton
 (74) Remarkable IP

(71) Stryker Corporation
 (11) AU-A-2021245218
 (21) 2021245218 (22) 08.10.2021
 (54) SURGICAL SAGITTAL SAW WITH
 INDEXING HEAD AND TOOLLESS
 BLADE COUPLING ASSEMBLY FOR
 ACTUATING AN OSCILLATING TIP
 SAW BLADE AND OSCILLATING TIP
 SAW BLADE WITH SELF CLEANING
 HEAD
 (51) Int. Cl.
A61B 17/14 (2006.01)
 (43) 04.11.2021
 (62) 2019203873
 (72) Cosgrove, Liam C.; Land, Trevor M.;
 Brindley, Robert; Walen, James G.
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
 (11) AU-A-2021245238
 (21) 2021245238 (22) 08.10.2021
 (54) Patient support apparatuses with wire-
 less headwall communication
 (51) Int. Cl.
A61G 12/00 (2006.01)
A61G 7/00 (2006.01)
 (43) 04.11.2021
 (62) 2019257516
 (72) Bhimavarapu, Krishna Sandeep; De-
 saulniers, Annie; Hayes, Michael
 Joseph
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
 (11) AU-A-2021245254
 (21) 2021245254 (22) 08.10.2021
 (54) METHOD OF CLEANING BONE
 STOCK
 (51) Int. Cl.
A61F 2/46 (2006.01)
 (43) 04.11.2021
 (62) 2019203130
 (72) Stratton, Dennis; Veldkamp, David J.;
 Heffernan, Eric M.; Goldenberg, Dave
 S.; Chamberlin, Chris; Diehl, Eric K.;

Bernero, John P.; Lam, Vincent; Orand,
 Austin
 (74) Davies Collison Cave Pty Ltd

(71) Stryker Corporation
 (11) AU-A-2021245256
 (21) 2021245256 (22) 08.10.2021
 (54) Portable cart for collecting medical
 waste
 (51) Int. Cl.
A61M 1/00 (2006.01)
 (43) 04.11.2021
 (62) 2019283904
 (72) Henniges, Bruce D.; Huyser, Richard
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 Philipp, Chris; Malackowski, Donald W.;
 Walen, James G.; Stratton, Dennis A.;
 Welch, Paul A.; Carusillo, Steven J.;
 Goldenberg, David S.
 (74) Davies Collison Cave Pty Ltd

(71) SunPower Corporation
 (11) AU-A-2021245134
 (21) 2021245134 (22) 06.10.2021
 (54) Solar energy metering, communica-
 tions, and control system
 (51) Int. Cl.
H02S 50/00 (2014.01)
G01R 31/36 (2020.01)
G01R 31/40 (2020.01)
G08C 17/02 (2006.01)
G08C 19/02 (2006.01)
 (43) 04.11.2021
 (62) 2016298551
 (72) KAVAIYA, Gaurang; SCRUTCHFIELD,
 Donald H.; FISCHER, Kevin C.; LEN-
 OX, Carl; UEBEL, Udo
 (74) Spruson & Ferguson

(71) SYSTEM STORMSEAL PTY LTD
 (11) AU-A-2020202535
 (21) 2020202535 (22) 15.04.2020
 (54) Roof Cover System Improvement
 (51) Int. Cl.
E04D 5/06 (2006.01)
B29C 65/00 (2006.01)
B29C 65/10 (2006.01)
E04D 12/00 (2006.01)
E04G 21/28 (2006.01)
 (43) 04.11.2021
 (61) 2008202416
 (72) LENNOX, Matthew
 (74) Wallington-Dummer

(71) TELEFONAKTIEBOLAGET LM ERIC-
 SSON (PUBL)
 (11) AU-A-2021245203
 (21) 2021245203 (22) 08.10.2021
 (54) Methods for defining a Network Service
 Descriptor (NSD) for a Network Service
 (NS), and Network Functions Virtualiza-
 tion (NFV) Orchestrator (NFVO) using
 said NSD
 (51) Int. Cl.
H04L 12/24 (2006.01)

(43) 04.11.2021
 (62) 2018354939
 (72) TOEROE, Maria; CHU, Haibin
 (74) AJ PARK

(71) Tencent Technology (Shenzhen) Com-
 pany Limited
 (11) AU-A-2021240332
 (21) 2021240332 (22) 08.03.2021
 (54) Method and apparatus for displaying
 virtual environment picture, device, and
 storage medium
 (51) Int. Cl.
G06F 3/048 (2013.01)
 (31) 202010313797.6 (32) 20.04.20 (33) CN
 (43) 04.11.2021
 (72) HU, Xun; WENG, Jianmiao; WAN,
 Yulin; SU, Shandong; ZHANG, Yong
 (74) Phillips Ormonde Fitzpatrick

(71) Tesaro, Inc.
 (11) AU-A-2021245223
 (21) 2021245223 (22) 08.10.2021
 (54) Niraparib compositions
 (51) Int. Cl.
C07D 401/10 (2006.01)
A61K 31/454 (2006.01)
 (43) 04.11.2021
 (62) 2018246214
 (72) Wu, George; Chaber, John
 (74) Davies Collison Cave Pty Ltd

(71) The Boeing Company
 (11) AU-A-2021201621
 (21) 2021201621 (22) 15.03.2021
 (54) Multi-stage incremental sheet forming
 systems and methods
 (51) Int. Cl.
B21D 31/00 (2006.01)
 (31) 16/853,904 (32) 21.04.20 (33) US
 (43) 04.11.2021
 (72) Elford, Michael C.
 (74) Spruson & Ferguson

(71) The Brigham and Women's Hospital,
 Inc.
 (11) AU-A-2021240191
 (21) 2021240191 (22) 29.09.2021
 (54) Methods for generating functional hem-
 atopoietic stem cells
 (51) Int. Cl.
C12N 5/074 (2010.01)
A61K 35/28 (2015.01)
C12N 5/02 (2006.01)
 (43) 04.11.2021
 (62) 2016362508
 (72) Shah, Dhvanit I.; Daley, George Q.
 (74) RnB IP Pty Ltd

(71) THE GENERAL HOSPITAL CORPOR-
 ATION; ARCHERDX, LLC
 (11) AU-A-2021245236
 (21) 2021245236 (22) 08.10.2021
 (54) Methods of preparing nucleic acids for
 sequencing
 (51) Int. Cl.

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(72) MYERS, Jason; STAHL, Joshua; IAFRATE, Anthony John; LE, Long Phi; ZHENG, Zongli
(74) Griffith Hack
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- (71)** The Regents of the University of California
(11) AU-A-2021245120
(21) 2021245120 **(22)** 06.10.2021
(54) Compositions for detecting circulating integrin beta-3 biomarker and methods for detecting cancers and assessing tumor presence or progression, cancer drug resistance and tumor stemness
(51) Int. Cl.
A61P 35/04 (2006.01)
C07K 16/28 (2006.01)
C12Q 1/68 (2018.01)
G01N 33/48 (2006.01)
G01N 33/50 (2006.01)
G01N 33/53 (2006.01)
G01N 33/574 (2006.01)
(43) 04.11.2021
(62) 2016252621
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(74) Shelston IP Pty Ltd.
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- (71)** The Trustees of Columbia University In The City Of New York; Fundacio Hospital Universitari Vall D'Hebron-Institut De Recerca
(11) AU-A-2021250841
(21) 2021250841 **(22)** 11.10.2021
(54) Deoxynucleoside Therapy For Diseases Caused By Unbalanced Nucleotide Pools Including Mitochondrial DNA Depletion Syndromes
(51) Int. Cl.
C07D 403/06 (2006.01)
A61K 31/7064 (2006.01)
A61K 31/7068 (2006.01)
A61K 31/7072 (2006.01)
(43) 04.11.2021
(62) 2020204042
(72) HIRANO, Michio; GARONE, Caterina; MARTI, Ramon
(74) WRAYS PTY LTD
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- (71)** Tomy Company, Ltd.
(11) AU-A-2021229204
(21) 2021229204 **(22)** 13.04.2021
(54) Sounding device for pet toy and pet toy
(51) Int. Cl.
H04R 1/00 (2006.01)
(31) 2020-074103 **(32)** 17.04.20 **(33)** JP
(43) 04.11.2021
(72) YAMAZAKI, Junko; NAGASHIMA, Gen
(74) Griffith Hack
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- (71)** Toughbuilt Industries, Inc.
(11) AU-A-2021202321
(21) 2021202321 **(22)** 16.04.2021

- (54)** Interchangeable different style-blade utility knife
(51) Int. Cl.
B26B 5/00 (2006.01)
B26B 1/02 (2006.01)
(31) 16/852,951 **(32)** 20.04.20 **(33)** US
(43) 04.11.2021
(72) Panosian, Michael H.; Keeler, Joshua
(74) Griffith Hack
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- (71)** Transitions Optical, Inc.
(11) AU-A-2021250846
(21) 2021250846 **(22)** 11.10.2021
(54) Optical article with gradient light influencing properties and method of making the same
(51) Int. Cl.
G02B 5/30 (2006.01)
G02C 7/10 (2006.01)
G02C 7/12 (2006.01)
(43) 04.11.2021
(62) 2015413366
(72) Miller, Philip; Jackson, Delwin S.; Kumar, Anil; Ligas, John S.; Park, David John; Smyth, Brian
(74) MINTER ELLISON
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- (71)** Transportation IP Holdings, LLC
(11) AU-A-2021202236
(21) 2021202236 **(22)** 14.04.2021
(54) BRAKING SYSTEM AND METHOD
(51) Int. Cl.
B60T 7/12 (2006.01)
B60T 8/17 (2006.01)
B60T 8/32 (2006.01)
(31) 63/010,184 **(32)** 15.04.20 **(33)** US
 17/224,929 07.04.21 US
(43) 04.11.2021
(72) Haas, Carl L.; Wolf, Charles L.
(74) Phillips Ormonde Fitzpatrick
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- (71)** TRICIDA, INC.
(11) AU-A-2021245144
(21) 2021245144 **(22)** 06.10.2021
(54) PROTON-BINDING POLYMERS FOR ORAL ADMINISTRATION
(51) Int. Cl.
A61K 31/785 (2006.01)
C08F 8/02 (2006.01)
C08F 226/02 (2006.01)
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(74) Houlihan² Pty Ltd
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- (71)** Typhon Technology Solutions, LLC
(11) AU-A-2021245123
(21) 2021245123 **(22)** 06.10.2021
(54) Mobile electric power generation for hydraulic fracturing of subsurface geological formations
(51) Int. Cl.

- F02C 7/20** (2006.01)
F01D 25/28 (2006.01)
F02B 63/04 (2006.01)
F16M 3/00 (2006.01)
(43) 04.11.2021
(62) 2020220087
(72) MORRIS, Jeffrey G.; BODISHBAUGH, Adrian Benjamin; VANN, Brett
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- Vallourec Oil and Gas France see Nippon Steel Corporation**
(21) 2021245143
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- (71)** Vascudyne Inc; Murphy, R.; Schankereeli, K.; Lauren, M.
(11) AU-A-2021245193
(21) 2021245193 **(22)** 07.10.2021
(54) REGENERATIVE TISSUE AND NATURAL TISSUE IMPLANTS
(51) Int. Cl.
A61L 27/38 (2006.01)
(43) 04.11.2021
(62) 2018291035
(72) Murphy, Richard; Schankereeli, Kemal; Lauren, Mark
(74) Lord & Company
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- Veltjens, V. see Veltjens, K.**
(21) 2021202313
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- (71)** Veltjens, K.; Veltjens, V.
(11) AU-A-2021202313
(21) 2021202313 **(22)** 16.04.2021
(54) Loading and Unloading Facility for Vessels and Port System
(51) Int. Cl.
E02B 3/06 (2006.01)
B65G 63/00 (2006.01)
B61B 1/00 (2006.01)
B63B 27/12 (2006.01)
E01B 2/00 (2006.01)
(31) 2020901231 **(32)** 19.04.20 **(33)** AU
(43) 04.11.2021
(72) Veltjens, Klaus
(74) COOPER IP PTY. LTD.
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- (71)** Veripath, Inc.
(11) AU-A-2021236515
(21) 2021236515 **(22)** 23.09.2021
(54) METHODS AND SYSTEMS FOR USER OPT-IN TO DATA PRIVACY AGREEMENTS
(51) Int. Cl.
G06F 21/60 (2013.01)
G06Q 30/00 (2012.01)
H04L 29/06 (2006.01)
(43) 04.11.2021
(62) 2018230973
(72) Hall, Nicholas; Eakin, Steven
(74) Pizzeys Patent and Trade Mark Attorneys Pty Ltd
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- (71)** View, Inc.
(11) AU-A-2021250838

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 (54) Window antennas
 (51) Int. Cl.
H01Q 1/22 (2006.01)
H01Q 5/25 (2015.01)
H01Q 9/40 (2006.01)
H01Q 13/08 (2006.01)
H01Q 15/00 (2006.01)
 (43) 04.11.2021
 (62) 2017245101
 (72) SHRIVASTAVA, Dhairya; BROWN, Stephen Clark
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- (71) Viking Therapeutics, Inc.
 (11) AU-A-2021245185
 (21) 2021245185 (22) 07.10.2021
 (54) Compositions for the treatment of fibrosis
 (51) Int. Cl.
A61K 31/662 (2006.01)
A61K 31/665 (2006.01)
A61P 1/16 (2006.01)
A61P 19/04 (2006.01)
 (43) 04.11.2021
 (62) 2018280118
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 (74) Davies Collison Cave Pty Ltd
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- (71) Vocalink Limited
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 (54) Peer-to-peer prepaid card management system
 (51) Int. Cl.
G06Q 20/22 (2012.01)
G06Q 20/34 (2012.01)
G06Q 20/40 (2012.01)
 (31) 16/854,110 (32) 21.04.20 (33) US
 (43) 04.11.2021
 (72) Jackets, Steven Paul; Guiso, Nicola; Deighan, Alana Georgia; Robinson, Fiona Emily Benton; Katsarov, Ivan Jordanov
 (74) Davies Collison Cave Pty Ltd
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- (71) VOYAGER THERAPEUTICS, INC.
 (11) AU-A-2021245194
 (21) 2021245194 (22) 07.10.2021
 (54) Modulatory polynucleotides
 (51) Int. Cl.
C07H 21/02 (2006.01)
C12N 15/113 (2010.01)
C12N 15/85 (2006.01)
 (43) 04.11.2021
 (62) 2020202530
 (72) HOU, Jinzhao; NONNENMACHER, Mathieu E.; ZHOU, Pengcheng
 (74) Griffith Hack
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- (71) Walton Mine Services Pty Ltd
 (11) AU-A-2021218042
 (21) 2021218042 (22) 17.08.2021
 (54) Spacer Device
 (51) Int. Cl.
E21B 41/00 (2006.01)
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E21F 17/00 (2006.01)
 (43) 04.11.2021
 (72) Walton, Matthew
 (74) Patentable
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- (71) Wayne State University
 (11) AU-A-2021245195
 (21) 2021245195 (22) 07.10.2021
 (54) Identification of Channelopsin-2 (Chop2) mutations and methods of use
 (51) Int. Cl.
C07K 14/705 (2006.01)
 (43) 04.11.2021
 (62) 2019216638
 (72) Pan, Zhuo-hua
 (74) Shelston IP Pty Ltd.
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- (71) Welbilt Deutschland GmbH
 (11) AU-A-2021245145
 (21) 2021245145 (22) 06.10.2021
 (54) METHOD AND DEVICE FOR TARGETED CONVEYING OF INFORMATION TO CUSTOMERS USING COOKING APPLIANCES AND/OR TO COOKING APPLIANCES OF A COOKING APPLIANCE MANUFACTURER
 (51) Int. Cl.
G06Q 30/02 (2012.01)
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 (62) 2018228643
 (72) STROH, Konstantin; SMITS, Stan; ROSENKRANZ, Gisela; WILD, Hannes; FISCHER, Marina; CHOWANETZ, Cornelia
 (74) IP GATEWAY PATENT & TRADE MARK ATTORNEYS PTY LTD
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- (71) Wing Aviation LLC
 (11) AU-A-2021245141
 (21) 2021245141 (22) 06.10.2021
 (54) Unmanned aerial vehicle housing
 (51) Int. Cl.
B64F 1/00 (2006.01)
E04H 6/44 (2006.01)
B64C 39/02 (2006.01)
 (43) 04.11.2021
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 (72) BLAKE, Jesse; SCHMALZRIED, James; TWYFORD, Evan
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- (71) Xiamen Aquasu Electric Shower Co., Ltd.
 (11) AU-A-2021202214
 (21) 2021202214 (22) 13.04.2021
 (54) Water output device
 (51) Int. Cl.
A47J 31/00 (2006.01)
A47J 31/54 (2006.01)
B67D 3/00 (2006.01)
B67D 7/80 (2010.01)
 (31) 20170213.1 (32) 17.04.20 (33) EP
 (43) 04.11.2021
 (72) HOU, Quanduo
 (74) LAMINAR IP PTY LTD
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 (11) AU-A-2020220101
 (21) 2020220101 (22) 19.08.2020
 (54) Paddle
 (51) Int. Cl.
B63H 16/04 (2006.01)
 (31) 109112886 (32) 16.04.20 (33) TW
 (43) 04.11.2021
 (72) Yeh, Tzong In
 (74) AJ PARK
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- (71) Zelira Therapeutics Limited
 (11) AU-A-2021215262
 (21) 2021215262 (22) 11.06.2021
 (54) Composition and method for treating chronic pain
 (51) Int. Cl.
A61K 36/185 (2006.01)
A61K 31/352 (2006.01)
A61P 25/04 (2006.01)
 (31) 2020901947 (32) 12.06.20 (33) AU
 (43) 04.11.2021
 (72) HOPKINS, Richard; THOMAS, Meghan Gail; ODUMOSU, Oludare
 (74) Griffith Hack
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- (71) ZPE Licensing Inc.
 (11) AU-A-2021202191
 (21) 2021202191 (22) 12.04.2021
 (54) Super charger components
 (51) Int. Cl.
B23P 6/04 (2006.01)
F02B 37/12 (2006.01)
F02B 67/06 (2006.01)
F16H 55/49 (2006.01)
 (31) 17/165,673 (32) 02.02.21 (33) US
 16/945,483 31.07.20 US
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 (43) 04.11.2021
 (72) Zimmer, Andrew
 (74) Davies Collison Cave Pty Ltd

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2021202156	Electrolux Appliances Aktiebolag	2021245169	Five Prime Therapeutics, Inc.
2021202188	Orthosoft ULC	2021245170	CooperVision International Limited
2021202191	ZPE Licensing Inc.	2021245171	Love, E.; Rochfort, C.
2021202211	Kingston, W.	2021245173	ConforMIS, Inc.
2021202214	Xiamen Aquasu Electric Shower Co., Ltd.	2021245174	Honor Device Co., Ltd
2021202236	Transportation IP Holdings, LLC	2021245176	Case Western Reserve University
2021202239	Ensign Drilling Inc.	2021245177	Genzyme Corporation
2021202243	MEDI-Clear Ltd	2021245178	Chugai Seiyaku Kabushiki Kaisha
2021202245	Field Orthopaedics Pty Ltd	2021245179	Cingulate Therapeutic LLC
2021202247	Drive Products Inc.	2021245180	AJ PARK
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2021202272	Canva Pty Ltd	2021245182	SMF-Holding GmbH
2021202282	Canva Pty Ltd	2021245184	Novartis AG
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2021202317	Robert Bosch GmbH	2021245186	Dow AgroSciences LLC
2021202320	PLANTIC TECHNOLOGIES LIMITED	2021245187	Berkeley Lights, Inc.
2021202321	Toughbuilt Industries, Inc.	2021245188	LG ELECTRONICS INC.
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2021202353	LG ELECTRONICS INC.	2021245190	MasterCard International Incorporated
2021202356	LG ELECTRONICS INC.	2021245192	Apple Inc.
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2021232707	Biorithm PTE LTD	2021245202	Allergan Pharmaceuticals International Limited
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 . (**) Title not given
 (This list may contain multiple listings of a patent where there are multiple patentees for that patent.)

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<p>(71) Abundant Growth Technologies Ltd (11) AU-A-2021106408 (21) 2021106408 (22) 22.08.2021 (54) HIGH VOLTAGE PROXIMITY AND SHORT CIRCUIT PROTECTION SYSTEM (51) Int. Cl. <i>H02H 3/087</i> (2006.01) <i>G01R 15/22</i> (2006.01) <i>H02H 3/08</i> (2006.01) <i>H02H 3/16</i> (2006.01) <i>H02H 3/24</i> (2006.01) <i>H02H 5/10</i> (2006.01) <i>H02H 7/085</i> (2006.01) <i>H02H 11/00</i> (2006.01) (45) 04.11.2021 (72) DANSIE, Mark (74) Arceo IP</p>	<p>Agricultural Environment and Resources Institute, Yunnan Academy of Agricultural Sciences see Sugarcane Research Institute, Yunnan Academy of Agricultural Sciences (21) 2021106309</p>	<p>(71) Arctech Solar Holding Co., Ltd. (11) AU-A-2021106019 (21) 2021106019 (22) 19.08.2021 (54) HYBRID NETWORKING COMMUNICATION SYSTEM AND METHOD (51) Int. Cl. <i>H04Q 9/02</i> (2006.01) <i>G05B 11/01</i> (2006.01) <i>H04L 12/46</i> (2006.01) <i>H04L 12/64</i> (2006.01) <i>H04W 84/20</i> (2009.01) <i>H02S 40/30</i> (2014.01) <i>H04L 29/08</i> (2006.01) <i>H04W 84/22</i> (2009.01) <i>H04W 88/04</i> (2009.01) <i>H04W 88/16</i> (2009.01) (45) 04.11.2021 (62) PCT/CN2021/081208 (72) Wang, Shitao; Jin, Jing (74) James & Wells Intellectual Property</p>
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G01S 19/17 (2010.01)
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G16Y 10/60 (2020.01)
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A44B 11/25 (2006.01)
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A61B 5/00 (2006.01)
A61B 5/11 (2006.01)

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F21S 8/08 (2006.01)
F21V 15/00 (2015.01)
H05B 33/08 (2020.01)
H05K 5/06 (2006.01)
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 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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H02B 1/52 (2006.01)
H04L 12/10 (2006.01)
H04Q 9/02 (2006.01)
H04W 4/38 (2018.01)
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H04L 12/10 (2006.01)

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G06Q 10/08 (2012.01)
G06K 19/07 (2006.01)
G08B 13/196 (2006.01)
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G05B 19/418 (2006.01)
B65G 51/04 (2006.01)
G06Q 10/08 (2012.01)
B65G 51/24 (2006.01)
G05D 1/02 (2020.01)
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C11D 17/00 (2006.01)
A61K 8/02 (2006.01)
A61Q 5/02 (2006.01)
A61Q 19/00 (2006.01)
A61Q 19/10 (2006.01)
C11D 1/72 (2006.01)
C11D 1/722 (2006.01)
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G16H 70/20 (2018.01)
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 E04G 23/02 (2006.01)
 E04B 1/41 (2006.01)
 E04B 2/70 (2006.01)
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 G06T 7/00 (2017.01)
 A61B 5/00 (2006.01)
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 A61M 60/253 (2021.01)
 A61M 60/82 (2021.01)
 H02K 1/18 (2006.01)
 H02K 1/27 (2006.01)
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 E04F 21/18 (2006.01)
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 E04H 17/16 (2006.01)
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 F21V 33/00 (2006.01)
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C08L 33/24 (2006.01)
C08F 20/54 (2006.01)
C08K 3/08 (2006.01)
H01B 1/00 (2006.01)
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A23L 13/10 (2016.01)
A23B 4/037 (2006.01)
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 (54) PLAYGROUND APPARATUS
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A63B 17/00 (2006.01)
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A63G 9/00 (2006.01)
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A63B 17/04 (2006.01)
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A01C 21/00 (2006.01)
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C05B 1/02 (2006.01)
C05B 7/00 (2006.01)
C05C 9/00 (2006.01)
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G06Q 10/04 (2012.01)
G06F 17/18 (2006.01)
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G05B 23/02 (2006.01)
G01R 19/25 (2006.01)
H02J 3/00 (2006.01)
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G06Q 50/06 (2012.01)
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G01V 1/38 (2006.01)
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C08J 9/38 (2006.01)
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A61K 35/644 (2015.01)
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B65D 88/00 (2006.01)
B60P 3/42 (2006.01)
B65D 88/12 (2006.01)
B62D 33/04 (2006.01)
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D05B 23/00 (2006.01)
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C12N 1/22 (2006.01)
A01G 13/00 (2006.01)
C05F 11/00 (2006.01)
C05F 17/20 (2020.01)
C12R 1/225 (2006.01)
C12R 1/685 (2006.01)

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C05G 3/40 (2020.01)
C05C 9/00 (2006.01)
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E02D 1/04 (2006.01)
G01N 1/08 (2006.01)
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(51) Int. Cl.
A61K 9/51 (2006.01)
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A61K 31/353 (2006.01)
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A63C 17/01 (2006.01)
B32B 5/02 (2006.01)
B32B 15/14 (2006.01)
B32B 15/20 (2006.01)
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(21) 2021106476 **(22)** 23.08.2021
(54) Integrated robotic vending machine
(51) Int. Cl.
G07F 13/10 (2006.01)
A47J 31/52 (2006.01)
G01S 5/02 (2010.01)
G05D 1/02 (2020.01)
G07F 13/06 (2006.01)
B65B 7/28 (2006.01)
B65C 9/02 (2006.01)
B67D 3/00 (2006.01)
G01S 1/08 (2006.01)
G01S 11/02 (2010.01)
G06F 3/02 (2006.01)
G06F 3/0354 (2013.01)
G06Q 20/18 (2012.01)
G07F 11/10 (2006.01)
H04W 4/029 (2018.01)
H04W 84/18 (2009.01)
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(54) Integrated tea brewing and dispensing apparatus
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A47J 31/40 (2006.01)

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C12N 5/0783 (2010.01)
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A61K 35/17 (2015.01)
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C07K 14/705 (2006.01)
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A61M 16/10 (2006.01)
A61L 2/00 (2006.01)
A61L 2/07 (2006.01)
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C08G 69/42 (2006.01)
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C12Q 1/6886 (2018.01)
G06F 16/28 (2019.01)
G06K 9/62 (2006.01)
G06N 20/10 (2019.01)
G16B 25/00 (2019.01)
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(11) AU-A-2021106511
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A61L 29/08 (2006.01)
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G06F 3/16 (2006.01)
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G06K 9/20 (2006.01)
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A45D 24/02 (2006.01)
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(54) Coronavirus treatment
(51) Int. Cl.
A61K 31/7048 (2006.01)
A61K 31/365 (2006.01)
A61L 2/18 (2006.01)
A61P 31/14 (2006.01)
C07D 493/22 (2006.01)
C07H 17/08 (2006.01)
A61L 101/44 (2006.01)
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Ltd
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(54) Virus treatment
(51) Int. Cl.
A61K 31/7048 (2006.01)
A61P 31/14 (2006.01)
C07H 17/08 (2006.01)
(45) 04.11.2021
(72) Lacey, Ernest
(74) Richard David Grant

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Ltd
(11) AU-A-2021106471
(21) 2021106471 **(22)** 23.08.2021
(54) Treatment of protozoan infections
(51) Int. Cl.
A61K 31/351 (2006.01)
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 A61G 13/12 (2006.01)
 A47C 20/04 (2006.01)
 A61G 1/04 (2006.01)
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 A61K 36/81 (2006.01)
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 G05B 13/02 (2006.01)
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 G01N 33/18 (2006.01)
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 G01N 21/94 (2006.01)
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 G01J 5/00 (2006.01)
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A01P 21/00 (2006.01)
A01N 37/42 (2006.01)
A01N 43/30 (2006.01)
A01N 43/38 (2006.01)
A01N 43/90 (2006.01)
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(51) Int. Cl.

G06Q 30/04 (2012.01)
H04M 15/00 (2006.01)
(31) 2017901455 **(32)** 21.04.17 **(33)** AU
(45) 04.11.2021
(72) Passi, Hemant
(74) FPA Patent Attorneys Pty Ltd

(71) PASTRO-CUSTOM AG Pty Ltd
(11) AU-A-2021106508
(21) 2021106508 **(22)** 23.08.2021
(54) AN IMPROVED SPRAYER
(51) Int. Cl.

B05B 7/00 (2006.01)
A01M 7/00 (2006.01)
B05B 7/24 (2006.01)
B05B 15/60 (2018.01)
(31) 2021901122 **(32)** 16.04.21 **(33)** AU
 2021902334 29.07.21 AU
(45) 04.11.2021
(72) PASTRO, John Emilio
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) PASTRO-CUSTOM AG Pty Ltd
(11) AU-A-2021106509
(21) 2021106509 **(22)** 23.08.2021
(54) A LINEAL AIR DUCT SPRAYER
(51) Int. Cl.

B05B 12/18 (2018.01)
A01M 7/00 (2006.01)
B05B 7/00 (2006.01)
B05B 7/24 (2006.01)
(31) 2021901122 **(32)** 16.04.21 **(33)** AU
(45) 04.11.2021
(72) PASTRO, John Emilio
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

(71) PASTRO-CUSTOM AG Pty Ltd
(11) AU-A-2021106513
(21) 2021106513 **(22)** 23.08.2021
(54) A SHIELDED SPRAYER
(51) Int. Cl.

A01M 7/00 (2006.01)
A01M 21/04 (2006.01)
(31) 2021902334 **(32)** 29.07.21 **(33)** AU
(45) 04.11.2021
(72) PASTRO, John Emilio
(74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

Pherobio Technology Co.,Ltd see Department of Plant Protection, College of Advanced Agricultural Sciences, Zhejiang A&F University
(21) 2021106318

Porwal, A. see Kumar, M.
(21) 2021102701

(71) POWERCHINA HUADONG ENGINEERING CORPORATION LIMITED; ZHEJIANG HUADONG ENGINEERING CONCTIOM CO., LTD.
(11) AU-A-2021106314

(21) 2021106314 **(22)** 21.08.2021
(54) An Aggregate Detection Device
(51) Int. Cl.

G01N 15/02 (2006.01)
(45) 04.11.2021
(72) Li, Shuyi; Yang, Biao; Qin, Yaguang; Qiu, Yafeng; Xiang, Yang; Yang, Wen; Zhang, Yingqiu; Chen, Wenlong; Pan, Qi; Yan, Jinkai; Xu, Liang; Chen, Lei
(74) Ran Tao

(71) POWERCHINA HUADONG ENGINEERING CORPORATION LIMITED; ZHEJIANG HUADONG ENGINEERING CONCTIOM CO., LTD.

(11) AU-A-2021106317
(21) 2021106317 **(22)** 21.08.2021
(54) An online monitoring device for concrete aggregate particle size
(51) Int. Cl.

B07B 13/07 (2006.01)
B07B 13/16 (2006.01)
B07B 13/18 (2006.01)
G01G 15/00 (2006.01)
G01N 15/02 (2006.01)
B07B 1/28 (2006.01)
(45) 04.11.2021
(72) Li, Shuyi; Yang, Biao; Xiang, Yang; Qiu, Yafeng; Qin, Yaguang; Yang, Wen; Zhang, Yingqiu; Chen, Wenlong; Pan, Qi; Yan, Jinkai; Xu, Liang; Chen, Lei
(74) Ran Tao

Qingdao Haizhisheng Technology Co., Ltd. see Harbin Engineering University
(21) 2021106498

(71) Qingdao University of Science and Technology

(11) AU-A-2021106300
(21) 2021106300 **(22)** 21.08.2021
(54) Preparation method of nano scale graphite sheets

(51) Int. Cl.
C01B 32/205 (2017.01)
B82Y 40/00 (2011.01)

(45) 04.11.2021
(72) Yu, Liyan; Dong, Hongzhou; Sui, Lina; Pang, Beili; Dong, Lifeng; Gan, Zhixing
(74) Alder IP Pty Ltd

(71) Qingdao University of Science and Technology

(11) AU-A-2021106312
(21) 2021106312 **(22)** 21.08.2021
(54) Preparation method and application of graphene quantum dots with uniform size

(51) Int. Cl.
C01B 32/184 (2017.01)
B82Y 30/00 (2011.01)
B82Y 40/00 (2011.01)
H01G 11/32 (2013.01)

(45) 04.11.2021
(72) Sui, Lina; Dong, Hongzhou; Yu, Liyan; Pang, Beili; Dong, Lifeng; Gan, Zhixing
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 (21) 2021106313 (22) 21.08.2021
 (54) Antibacterial hydrogel and preparation method and application thereof
 (51) Int. Cl.
A61L 26/00 (2006.01)
 (45) 04.11.2021
 (72) Yuan, Xun; Liu, Yong; Wang, Shanshan
 (74) Alder IP Pty Ltd

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 (11) AU-A-2021106295
 (21) 2021106295 (22) 21.08.2021
 (54) A hyaluronic acid-astaxanthin self-assembled nano system and the preparation method and its application
 (51) Int. Cl.
A61K 31/122 (2006.01)
A61K 47/61 (2017.01)
A61K 47/69 (2017.01)
A61P 29/00 (2006.01)
A61P 39/06 (2006.01)
B82Y 5/00 (2011.01)
C07C 403/24 (2006.01)
C08B 37/08 (2006.01)
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Raj, K. see Malviya, R.
 (21) 2021103637

Rajasekaran, S. see Kumar, M.
 (21) 2021102701

(71) Rakman International Pty Ltd
 (11) AU-A-2021106499
 (21) 2021106499 (22) 23.08.2021
 (54) Mounting apparatus for solar panel installation
 (51) Int. Cl.
H02S 20/23 (2014.01)
E04D 13/04 (2006.01)
E04D 13/064 (2006.01)
 (31) 2020903692 (32) 12.10.20 (33) AU
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 (72) Linney, Matthew
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Reddy, P.D. see Reddy, C.S.
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 (11) AU-A-2021105186
 (21) 2021105186 (22) 09.08.2021
 (54) A LISINAPRIL SUBLINGUAL COMPOSITION AND METHOD THEREOF
 (51) Int. Cl.
A61K 9/20 (2006.01)
A61K 38/05 (2006.01)
A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/32 (2006.01)
A61K 47/38 (2006.01)
 (31) 202141033203 (32) 23.07.21 (33) IN
 (45) 04.11.2021
 (72) Reddy, Chappidi Suryaprakash; Medabalimi, Madhu; Basha, S. Chand; Reddy, Peram Dwarakanadha; Swarnalatha, Dugasani; Sudhakar, Simham; Kumar, Yammuru Pradeep; Deepa, Mopuri; Saravanakumar, K.; Kumar, S. Nelson
 (74) LESICAR MAYNARD ANDREWS PTY LTD

(71) Rhino Rack Australia Pty Limited
 (11) AU-A-2021106514
 (21) 2021106514 (22) 23.08.2021
 (54) Cargo carrier leg and attachment means
 (51) Int. Cl.
B60R 9/058 (2006.01)
B60R 11/00 (2006.01)
 (31) 2021901182 (32) 21.04.21 (33) AU
 (45) 04.11.2021
 (72) Schwecke, Colin; Dacunha, Marcello; Davis, William
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Rhino Rack Australia Pty Limited
 (11) AU-A-2021106515
 (21) 2021106515 (22) 23.08.2021
 (54) Quick-release mounting bracket
 (51) Int. Cl.
B60R 11/00 (2006.01)
 (31) 2021900810 (32) 19.03.21 (33) AU
 (45) 04.11.2021
 (72) Alfakhrany, Tarek; Connellan, Adam
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Rhino Rack Australia Pty Limited
 (11) AU-A-2021106516
 (21) 2021106516 (22) 23.08.2021
 (54) Means of forming T-joint between extruded elements
 (51) Int. Cl.
F16B 7/04 (2006.01)
F16B 5/00 (2006.01)
 (31) 2021901181 (32) 21.04.21 (33) AU
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 (72) Schwecke, Colin; Dacunha, Marcello; Davis, William
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Rhino Rack Australia Pty Limited
 (11) AU-A-2021106517
 (21) 2021106517 (22) 23.08.2021

(54) Fixing device for a channel
 (51) Int. Cl.
F16B 21/02 (2006.01)
F16B 39/282 (2006.01)
 (31) 2021901841 (32) 18.06.21 (33) AU
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 (72) Alfakhrany, Tarek
 (74) IP SOLVED (ANZ) PTY. LTD.

(71) Riskallah, S.
 (11) AU-A-2021106461
 (21) 2021106461 (22) 19.08.2021
 (54) Short horizontal cantilever rail combination with stationary pivot and moving pivot
 (51) Int. Cl.
B66F 11/04 (2006.01)
B66F 3/22 (2006.01)
B66F 7/06 (2006.01)
 (45) 04.11.2021
 (72) Riskallah, Samir
 (74) Samir Riskallah

(71) Robertson Rural Contracting Pty Ltd
 (11) AU-A-2021106519
 (21) 2021106519 (22) 23.08.2021
 (54) A FENCE DROPPER
 (51) Int. Cl.
E04H 17/10 (2006.01)
A01K 3/00 (2006.01)
E04H 17/00 (2006.01)
E04H 17/02 (2006.01)
E04H 17/12 (2006.01)
 (45) 04.11.2021
 (72) ROBERTSON, Thomas Gordon
 (74) Maxwells Patent & Trade Mark Attorneys Pty Ltd

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 (21) 2021102703

(71) Ruthenberg, K.
 (11) AU-A-2021106285
 (21) 2021106285 (22) 21.08.2021
 (54) An infant bathing shirt
 (51) Int. Cl.
A41B 13/00 (2006.01)
A47K 10/02 (2006.01)
 (45) 04.11.2021
 (72) Ruthenberg, Kerri-Anne
 (74) Patentec Patent Attorneys

S, R. see Janardhana, K.
 (21) 2021104116

Saha, D. see Jana, U.
 (21) 2021106458

(71) Salerno, J.
 (11) AU-A-2021106474
 (21) 2021106474 (22) 23.08.2021
 (54) Training apparatus including a mannequin
 (51) Int. Cl.

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 (72) Salerno, John
 (74) LAMINAR IP PTY LTD

(71) SAL National Pty Ltd
 (11) AU-A-2021106480
 (21) 2021106480 (22) 23.08.2021
 (54) Wireless control and communication
 (51) Int. Cl.
G08C 17/02 (2006.01)
G05B 19/045 (2006.01)
 H01H 13/12 (2006.01)
 H02J 3/00 (2006.01)
 H04W 4/80 (2018.01)
 H04W 8/00 (2009.01)
 H04W 76/14 (2018.01)
 (31) 2021900910 (32) 26.03.21 (33) AU
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 (72) Gui, Hui
 (74) Ascot Martin

Sarang, B. see Jana, U.
 (21) 2021106458

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Sarode, P. see Dr. Vishwanath Karad MIT World Peace University
 (21) 2021105342

Sasikala, S. see Balamurugan, S.A.A.
 (21) 2021102700

Saxena, T. see Kapoor, S.
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(71) Sayfa R&D Pty Ltd
 (11) AU-A-2021106306
 (21) 2021106306 (22) 21.08.2021
 (54) A Height Safety Trolley and Modular Rigid Rail System
 (51) Int. Cl.
A62B 35/00 (2006.01)
 (31) 2021902342 (32) 29.07.21 (33) AU
 (45) 04.11.2021
 (72) Voss, Murray; Voss, Barry
 (74) Actuate Patents

(71) Sayfa R&D Pty Ltd
 (11) AU-A-2021106322
 (21) 2021106322 (22) 21.08.2021
 (54) A fall protection safety rail system
 (51) Int. Cl.
A62B 35/00 (2006.01)
E04G 21/32 (2006.01)
 (31) 2021902519 (32) 13.08.21 (33) AU
 (45) 04.11.2021
 (72) Voss, Murray; Voss, Barry
 (74) Actuate Patents

(71) Sayfa R&D Pty Ltd
 (11) AU-A-2021106324
 (21) 2021106324 (22) 21.08.2021
 (54) A fall arrest and rope access roof mount anchor
 (51) Int. Cl.
E04G 21/32 (2006.01)
A62B 35/00 (2006.01)
 (31) 2021902563 (32) 17.08.21 (33) AU
 (45) 04.11.2021
 (72) Voss, Murray; Voss, Barry
 (74) Actuate Patents

(71) Sayfa R&D Pty Ltd
 (11) AU-A-2021106327
 (21) 2021106327 (22) 21.08.2021
 (54) An Extendable Needle Davit Assembly
 (51) Int. Cl.
E04G 23/00 (2006.01)
B66C 23/04 (2006.01)
B66C 23/20 (2006.01)
B66C 23/26 (2006.01)
B66C 23/70 (2006.01)
E04G 3/34 (2006.01)
 (31) 2021902622 (32) 20.08.21 (33) AU
 (45) 04.11.2021
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 (74) Actuate Patents

(71) Schrader, L.
 (11) AU-A-2021106464
 (21) 2021106464 (22) 23.08.2021
 (54) Children's Educational Pocket Tablecloth
 (51) Int. Cl.
A47G 11/00 (2006.01)
A41D 27/20 (2006.01)
G09B 1/00 (2006.01)
A63F 3/00 (2006.01)
G09B 21/00 (2006.01)
 (31) 2020903644 (32) 08.10.20 (33) AU
 (45) 04.11.2021
 (72) Schrader, Lynette
 (74) GILMYN PTY LTD

(71) ScreeDEX Pty Ltd
 (11) AU-A-2021106467
 (21) 2021106467 (22) 23.08.2021
 (54) SCREED DEVICE AND SYSTEM
 (51) Int. Cl.
E04F 21/24 (2006.01)
E01C 19/22 (2006.01)
E04G 21/10 (2006.01)
 (45) 04.11.2021
 (72) Scougall, Colin
 (74) KINGS PATENT & TRADE MARKS ATTORNEYS PTY LTD

(71) SEMKEN, J.
 (11) AU-A-2021106479
 (21) 2021106479 (22) 23.08.2021
 (54) A DEBRIS REMOVAL DEVICE
 (51) Int. Cl.
B08B 3/02 (2006.01)
B05B 1/14 (2006.01)

B05B 1/20 (2006.01)
E01H 1/10 (2006.01)
 F16L 11/00 (2006.01)
 (45) 04.11.2021
 (72) SEMKEN, Jack
 (74) Adams Pluck

(71) Sepehr, B.
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 (21) 2021106419 (22) 22.08.2021
 (54) A registered competitive live playing of traditional game mafia or werewolf originally created Dimitry Davidoff in 1986.
 (51) Int. Cl.
A63F 9/18 (2006.01)
G06Q 50/34 (2012.01)
 (45) 04.11.2021
 (72) Sepehr, Behnam
 (74) Behnam Sepehr

Sericulture & Agri-food Research Institute Guangdong Academy of Agricultural Sciences see Guangzhou City Polytechnic
 (21) 2021106020

(71) Shandong Dyne Marine Biopharmaceutical Co., Ltd.; Beijing Dyne High-tech Pediatric Pharmaceutical R&D Institute Co., Ltd.
 (11) AU-A-2021106478
 (21) 2021106478 (22) 23.08.2021
 (54) Vitamin D3 Compositions
 (51) Int. Cl.
A61K 31/593 (2006.01)
A61K 9/00 (2006.01)
A61K 9/28 (2006.01)
A61P 3/02 (2006.01)
 (45) 04.11.2021
 (72) Gao, Chao; Yang, Jie; He, Shuwang; Zhang, Weifeng; Li, Guoxiang; Sun, Ying; Li, Shuying; Jing, Yajun; Hu, Xing
 (74) Southern Cross Intellectual Property

(71) Shandong Kongshengtang Pharmaceutical Co., Ltd.
 (11) AU-A-2021106279
 (21) 2021106279 (22) 21.08.2021
 (54) METHOD FOR ESTABLISHING HPLC-ELSD FINGERPRINTS OF SHENLING-BAIZHU PILLS AND STANDARD FINGERPRINTS THEREOF
 (51) Int. Cl.
G01N 30/12 (2006.01)
G01N 21/53 (2006.01)
G01N 30/02 (2006.01)
 (45) 04.11.2021
 (72) Huang, Qingping; Li, Dazhi
 (74) Stellar Law Pty Ltd

(71) Shanghai Academy of Agricultural Sciences
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 (54) Method for determining pesticide residues
 (51) Int. Cl.

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H01J 49/16 (2006.01)
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(72) Bai, Bing; Si, Wenshuai; Zhang, Yaodan; Wang, Shouying; Huang, Zhiying
(74) Ran Tao

(71) Shanghai Ocean University
(11) AU-A-2021104268
(21) 2021104268 **(22)** 17.07.2021
(54) SPINNING INCREMENTAL FORMING DEVICE
(51) Int. Cl.
B21D 22/14 (2006.01)
B21D 35/00 (2006.01)
(31) 2021107289188 **(32)** 29.06.21 **(33)** CN
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(72) Wang, Bin; Zhu, Feng; Ni, Zhengfeng; Zou, Gaowu; Wu, Haijun; Zhang, Fuxi
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(11) AU-A-2021106494
(21) 2021106494 **(22)** 23.08.2021
(54) A Novel Combined Hoe And Shovel For Deep Fertilization And Wide-width Sowing Opener
(51) Int. Cl.
A01B 49/06 (2006.01)
A01C 5/08 (2006.01)
A01C 7/20 (2006.01)
(45) 04.11.2021
(72) SUN, Daizhen; WANG, Shuguang; SUN, Qingfang; SU, Wenyuan; YANG, Jinwen; WANG, Yonghong; SHI, Yugang; ZHAI, Zhanbei; LI, Ning
(74) WRAYS PTY LTD

(71) Shanxi Agricultural University
(11) AU-A-2021106512
(21) 2021106512 **(22)** 23.08.2021
(54) Novel Combined Seed And Fertilizer Drill
(51) Int. Cl.
A01B 49/06 (2006.01)
A01C 5/06 (2006.01)
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(72) SUN, Daizhen; WANG, Shuguang; SUN, Qingfang; SU, Wenyuan; SHI, Yugang; YANG, Bin; WANG, Yonghong; ZHAI, Zhanbei; LIU, Yun
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SHAO, J. see SU, H.
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Sharad Pawar Dental College see Yeshwantrao Chavan College of Engineering
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Sharma, A. see Kumar, M.
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(71) Shenzhen Institute of Geriatrics; Wu, Z.
(11) AU-A-2021106230
(21) 2021106230 **(22)** 20.08.2021
(54) Medicinal diet composition for preventing and treating hyperuricemia and gout and preparation method thereof
(51) Int. Cl.
A61K 36/07 (2006.01)
A61K 31/519 (2006.01)
A61K 31/702 (2006.01)
A61K 31/722 (2006.01)
A61K 36/185 (2006.01)
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A61K 36/30 (2006.01)
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A61K 36/535 (2006.01)
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A61K 36/8967 (2006.01)
A61P 19/06 (2006.01)
(45) 04.11.2021
(72) Wu, Zhengzhi; Liang, Shaoyu; Zeng, Yongchang; Zeng, Qiang; Li, Ziwen
(74) Alder IP Pty Ltd

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(11) AU-A-2021106244
(21) 2021106244 **(22)** 20.08.2021
(54) Medicinal diet composition for type 2 diabetes and preparation method thereof
(51) Int. Cl.
A61K 36/185 (2006.01)
A61K 9/00 (2006.01)
A61K 31/722 (2006.01)
A61K 36/15 (2006.01)
A61K 36/23 (2006.01)
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A61K 36/488 (2006.01)
A61K 36/54 (2006.01)
A61K 36/605 (2006.01)
A61K 36/736 (2006.01)
A61K 36/8945 (2006.01)
A61P 3/10 (2006.01)
(45) 04.11.2021
(72) Wu, Zhengzhi; Liang, Shaoyu; Zeng, Yongchang; Jiang, Qianqian; Liu, Jieren
(74) Alder IP Pty Ltd

(71) Shenzhen Institute of Geriatrics; Wu, Z.
(11) AU-A-2021106255
(21) 2021106255 **(22)** 20.08.2021
(54) Medicinal diet composition for hypertension and preparation method thereof
(51) Int. Cl.
A61K 36/185 (2006.01)
A61K 36/03 (2006.01)

A61K 36/30 (2006.01)
A61K 36/31 (2006.01)
A61K 36/36 (2006.01)
A61K 36/482 (2006.01)
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A61K 36/899 (2006.01)
A61P 9/12 (2006.01)
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(45) 04.11.2021
(72) Wu, Zhengzhi; Zeng, Yongchang; Liang, Shaoyu; Hu, Shengquan; Zhang, Miao; Liu, Zhanyan
(74) Alder IP Pty Ltd

(71) Shenzhen Institute of Geriatrics; Wu, Z.
(11) AU-A-2021106260
(21) 2021106260 **(22)** 20.08.2021
(54) A Traditional Chinese Medicine Composition With Preparation Method And Application Thereof
(51) Int. Cl.
A61K 36/258 (2006.01)
A23G 3/48 (2006.01)
A23L 33/105 (2016.01)
A61K 31/197 (2006.01)
A61K 31/7016 (2006.01)
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(72) Wu, Zhengzhi; Liang, Shaoyu; Zeng, Yongchang; Hu, Shengquan; Zeng, Qiang; Wu, Junhong; Liu, Zhanyan; Li, Ziwen
(74) Alder IP Pty Ltd

(71) Shenzhen Institute of Geriatrics; Wu, Z.
(11) AU-A-2021106305
(21) 2021106305 **(22)** 21.08.2021
(54) Medicinal diet product composition for hyperlipemia and fatty liver and preparation method thereof
(51) Int. Cl.
A61K 36/185 (2006.01)
A23L 33/00 (2016.01)
A23L 33/105 (2016.01)
A23L 33/125 (2016.01)
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C04B 16/04 (2006.01)
C08J 3/12 (2006.01)
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E01C 5/22 (2006.01)
C08K 3/22 (2006.01)
C08K 3/38 (2006.01)
C04B 11/10 (2006.01)
(45) 04.11.2021
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(71) Yangtze Normal University
(11) AU-A-2021106319
(21) 2021106319 (22) 21.08.2021
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(51) Int. Cl.
C09K 17/50 (2006.01)
C08L 5/04 (2006.01)
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(45) 04.11.2021
(72) CHEN, FENGGUI
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(71) YANGTZE UNIVERSITY; CHINA UNIVERSITY OF PETROLEUM(Beijing)
(11) AU-A-2021106370
(21) 2021106370 (22) 21.08.2021
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E21B 47/06 (2012.01)
G01L 7/18 (2006.01)
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(45) 04.11.2021
(72) XIN, Xiankang; YU, Gaoming; CHEN, Zhangxing; WU, Kelu; DONG, Xiaohu
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C12N 15/62 (2006.01)
A61K 39/15 (2006.01)
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(72) Jin, Wenjie; Ning, Chen; Shen, Zijun; Zhu, Tingfan; Qin, Aijian; Shao, Hongxia; Qian, Kun; Wang, Qianqian; Wang, Jian; Zheng, Jiangao; Wang, Jiao
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(71) Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences; Yantai Jiahui Marine Biotechnology Co., Ltd; Girke, I.

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A61K 38/00 (2006.01)
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C07K 7/06 (2006.01)
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C07K 1/04 (2006.01)
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(72) Qin, Song; Li, Wenjun; Yang, Guilan; Li, Ya; Li, Jialin; Liu, Runze
(74) Ittlingen Girke

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C09B 61/00 (2006.01)
A61K 36/04 (2006.01)
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al Sciences (DU); Sharad Pawar Dental College; Gawande, U.

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(54) A SYSTEM AND METHOD FOR EXTRACTION OF KEY FRAMES FROM A SEQUENCE OF IMAGES USING INTER-PIXEL CORRELATION

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G06K 9/00 (2006.01)
G06K 9/64 (2006.01)
G06T 7/90 (2017.01)
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(74) Yeshwantrao Chavan College of Engineering

(71) Yeshwantrao Chavan College of Engineering; Datta Meghe Institute of Medical Sciences (DU); Sharad Pawar Dental College; Chitriv, Y.

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(74) Yeshwantrao Chavan College of Engineering

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(21) 2021105322

(71) Zhaoqing Powerunity Technological Development Co.,Ltd.

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B01F 3/08 (2006.01)
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(72) Qi, Zhenyu; Bao, Hongling
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(21) 2021106317

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2021105479	<u>A63F 3 /-</u>	2021106317	<u>B60B 35 /-</u>	<u>B65D 6 /-</u>	<u>B82Y 40 /-</u>
2021106295	2021106464	<u>B08B 3 /-</u>	2021106486	2021106455	2021106300
<u>A61P 3 /-</u>	<u>A63F 9 /-</u>	2021106479	<u>B60D 1 /-</u>	<u>B65D 65 /-</u>	2021106312
2021106244	2021106419	<u>B21D 22 /-</u>	2021106246	2021106287	<u>B82Y 5 /-</u>
2021106291	<u>A63G 9 /-</u>	2021104268	<u>B60N 2 /-</u>	<u>B65D 75 /-</u>	2021106295
2021106478	2021106360	<u>B21D 35 /-</u>	2021106286	2021106332	<u>C01B 32 /-</u>
<u>A61P 31 /-</u>	<u>B01D 3 /-</u>	2021104268	<u>B60P 3 /-</u>	<u>B65D 77 /-</u>	2021106300
2021104241	2021106434	<u>B22D 7 /-</u>	2021106457	2021106332	2021106312
2021105320	<u>B01D 53 /-</u>	2021103881	<u>B60R 11 /-</u>	<u>B65D 81 /-</u>	2021106460
2021106359	2021105560	<u>B25B 15 /-</u>	2021106514	2021106455	<u>C02F 1 /-</u>
2021106466	<u>B01F 1 /-</u>	2021106288	2021106515	2021106525	2021105330
2021106468	2021105823	<u>B25B 21 /-</u>	<u>B60R 16 /-</u>	<u>B65D 85 /-</u>	<u>C02F 3 /-</u>
<u>A61P 33 /-</u>	<u>B01F 13 /-</u>	2021106288	2021106349	2021106332	2021106299
2021106471	2021105823	<u>B25B 23 /-</u>	<u>B60R 9 /-</u>	2021106455	<u>C04B 111 /-</u>
<u>A61P 35 /-</u>	<u>B01F 3 /-</u>	2021106288	2021106442	<u>B65D 88 /-</u>	2021106090
2020104465	2021106469	<u>B25F 3 /-</u>	2021106514	2021106457	2021106506
2020104466	<u>B01F 5 /-</u>	2021106288	<u>B61L 15 /-</u>	<u>B65D 90 /-</u>	<u>C04B 12 /-</u>
2021104241	2021105823	<u>B25J 19 /-</u>	2021106507	2021106455	2021106506
<u>A61P 37 /-</u>	<u>B01J 13 /-</u>	2021106447	<u>B61L 27 /-</u>	<u>B65F 1 /-</u>	2021106090
2021106289	2021106491	<u>B25J 9 /-</u>	2021106507	2021106428	<u>C04B 16 /-</u>
<u>A61P 39 /-</u>	<u>B01J 19 /-</u>	2021106447	<u>B61L 29 /-</u>	<u>B65G 51 /-</u>	2021106090
2021106295	2021106469	<u>B31F 1 /-</u>	2021106484	2021105322	<u>C04B 26 /-</u>
<u>A61P 43 /-</u>	<u>B01J 20 /-</u>	2021106287	<u>B62D 33 /-</u>	<u>B66C 23 /-</u>	2021106090
2021106459	2021106460	<u>B32B 15 /-</u>	2021106457	2021106327	<u>C04B 28 /-</u>
<u>A61P 9 /-</u>	<u>B02C 18 /-</u>	2021104116	<u>B64C 39 /-</u>	<u>B66F 11 /-</u>	2021106506
2021105478	2021106334	<u>B32B 29 /-</u>	2021106301	2021106461	<u>C05B 1 /-</u>
2021106255	2021106509	<u>B32B 3 /-</u>	<u>B65B 3 /-</u>	<u>B66F 3 /-</u>	2021105219
2021106458	2021106479	2021106287	2020104468	2021106461	2021106329
<u>A61Q 19 /-</u>	<u>B05B 1 /-</u>	<u>B32B 3 /-</u>	<u>B65B 7 /-</u>	<u>B66F 7 /-</u>	<u>C05B 7 /-</u>
2021106526	2021106479	2021106287	2021106476	2021106461	2021105219
<u>A61Q 5 /-</u>	<u>B05B 12 /-</u>	<u>B32B 5 /-</u>	<u>B65C 9 /-</u>	<u>B67D 3 /-</u>	<u>C05C 9 /-</u>
2021106526	2021106509	2021104116	2021106476	2021106476	2021105219
<u>A62B 35 /-</u>	<u>B05B 15 /-</u>	<u>B32B 7 /-</u>	<u>B65D 25 /-</u>	<u>B82B 3 /-</u>	2021106304
2021106306	2021105560	2021106287	2021106477	2021106491	<u>C05D 1 /-</u>
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2021106324	<u>B05B 7 /-</u>				
<u>A63B 17 /-</u>	2021106508				
2021106360					
2021106361					
<u>A63B 69 /-</u>					
2021106474					

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<u>C05F 11 /-</u>	<u>C08J 9 /-</u>	2021106292	<u>E04F 11 /-</u>	<u>F16B 5 /-</u>	<u>G01N 21 /-</u>
2021106362	2021106299	<u>C12R 1 /-</u>	2021106524	2021106516	2021106279 2021106282
<u>C05F 17 /-</u>	<u>C08K 3 /-</u>	2021106362 2021106385 2021106407	<u>E04F 13 /-</u>	<u>F16B 7 /-</u>	<u>G01N 27 /-</u>
2021106362	2021106090 2021106319 2021106460 2021106473	<u>C21D 1 /-</u>	2021106462	2021106516	2021106282
<u>C05F 3 /-</u>		2021103881	<u>E04F 21 /-</u>	<u>F16F 9 /-</u>	<u>G01N 30 /-</u>
2021105219	<u>C08L 23 /-</u>	<u>D01D 5 /-</u>	2021106462 2021106467	2021106488	2021106279 2021106323
<u>C05F 5 /-</u>	2021106090	2021104353	<u>E04G 21 /-</u>	<u>F16L 11 /-</u>	<u>G01N 33 /-</u>
2021105219	<u>C08L 33 /-</u>	<u>D05B 23 /-</u>	2021106322 2021106324 2021106467	2021106479	2021105479 2021106282 2021106370 2021106460
<u>C05G 3 /-</u>	2021106473	2021106528	<u>E04G 23 /-</u>	<u>F16L 3 /-</u>	
2021106304	<u>C08L 5 /-</u>	<u>E01C 19 /-</u>	2021106327 2021106465	2021106430	
<u>C05G 5 /-</u>	2021106319	2021106467	<u>E04G 3 /-</u>	<u>F17D 5 /-</u>	<u>G01P 15 /-</u>
2021106304 2021106329	<u>C08L 77 /-</u>	<u>E01C 5 /-</u>	2021106327	2021106298	2021102703
<u>C07C 403 /-</u>	2021106202	2021106090	<u>E04H 17 /-</u>	<u>F21S 8 /-</u>	<u>G01R 15 /-</u>
2021106295	<u>C09B 61 /-</u>	<u>E01F 13 /-</u>	2021106327	2021106493	2021106408
<u>C07D 493 /-</u>	2021105479	2021106484	<u>E04H 3 /-</u>	<u>F21V 15 /-</u>	<u>G01R 19 /-</u>
2021106466	<u>C09K 105 /-</u>	<u>E01H 1 /-</u>	2021106505 2021106519 2021106524	2021106493	2021106381
<u>C07H 17 /-</u>	2021106319	2021106479	<u>E06B 9 /-</u>	<u>F21V 33 /-</u>	<u>G01R 31 /-</u>
2021106466 2021106468	<u>C09K 11 /-</u>	<u>E02D 1 /-</u>	2021106492	2021106524	2021106383
<u>C07K 1 /-</u>	2021106491	2021106307	<u>E06C 1 /-</u>	<u>F25C 1 /-</u>	<u>G01S 1 /-</u>
2021105478	<u>C09K 17 /-</u>	<u>E02D 19 /-</u>	2021103715	2021106487	2021106476
<u>C07K 14 /-</u>	2021106319	2021106506	<u>E06C 5 /-</u>	<u>G01C 21 /-</u>	<u>G01S 11 /-</u>
2020104466 2021106359	<u>C11D 1 /-</u>	<u>E02F 9 /-</u>	2021106442	2021106247	2021106476
<u>C07K 16 /-</u>	2021106526	2021106488	<u>E06C 7 /-</u>	<u>G01G 15 /-</u>	<u>G01S 13 /-</u>
2020104466	<u>C11D 17 /-</u>	<u>E04B 1 /-</u>	2021103715	2021106317	2021106247
<u>C07K 7 /-</u>	2021106526	2021106465 2021106492	<u>E21B 43 /-</u>	<u>G01H 1 /-</u>	<u>G01S 17 /-</u>
2021105478	<u>C12G 1 /-</u>	<u>E04B 2 /-</u>	2021106460	2021106507	2021106247
<u>C08B 37 /-</u>	2021106385	2021106465	<u>E21B 47 /-</u>	<u>G01J 5 /-</u>	<u>G01S 19 /-</u>
2021106295	<u>C12N 1 /-</u>	<u>E04B 7 /-</u>	2021106370	2021106283 2021106284	2021102703 2021106247
2021106295	2021106362 2021106385 2021106407	2021106465	<u>E21C 41 /-</u>	<u>G01L 7 /-</u>	<u>G01S 5 /-</u>
<u>C08F 20 /-</u>		<u>E04C 3 /-</u>	2021106346 2021106506	2021106370	2021106247 2021106476
2021106473	<u>C12N 15 /-</u>	2021106521	<u>F15B 15 /-</u>	<u>G01M 13 /-</u>	<u>G01V 1 /-</u>
<u>C08G 69 /-</u>	2020104465 2021106292 2021106359 2021106463	<u>E04D 13 /-</u>	2021106488	2021106507	2021106472 2021106498
2021106202 2021106204		2021106499	<u>F16B 21 /-</u>	2020104468 2021106307	<u>G02F 1 /-</u>
<u>C08J 3 /-</u>	<u>C12N 5 /-</u>	<u>E04D 3 /-</u>	2021106517	<u>G01N 15 /-</u>	2021106491
2021106090	2020104465 2021106523	2021106465	<u>F16B 39 /-</u>	2021106314 2021106317	<u>G05B 11 /-</u>
<u>C08J 5 /-</u>	<u>C12Q 1 /-</u>	<u>E04F 10 /-</u>	2021106517		2021106019
2021106460	2021102701	2021106492			

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<u>G05B 13 /-</u>	<u>G06F 9 /-</u>	2021106435	<u>G08G 5 /-</u>	<u>H01H 9 /-</u>	<u>H02S 40 /-</u>
2021106256	2021106293	<u>G06Q 40 /-</u>	2021106301	2021106349	2021106019
2021106280					
2021106281	<u>G06K 17 /-</u>	2020104464	<u>G09B 1 /-</u>	<u>H01J 49 /-</u>	<u>H03K 19 /-</u>
2021106293		2021106336			
2021106316	2021106429	2021106435	2021106464	2021106323	2021105517
<u>G05B 15 /-</u>	<u>G06K 19 /-</u>	<u>G06Q 50 /-</u>	<u>G09B 17 /-</u>	<u>H01M 50 /-</u>	<u>H03M 13 /-</u>
2021106256	2021105249	2021106252	2021106425	2021106349	2021105517
	2021105322	2021106321			
<u>G05B 17 /-</u>	<u>G06K 9 /-</u>	2021106336	<u>G09B 21 /-</u>	<u>H02B 1 /-</u>	<u>H04B 1 /-</u>
2021106256		2021106379			
2021106281	2021102699	2021106383	2021106464	2021106495	2021102703
	2021102701	2021106419		2021106497	
<u>G05B 19 /-</u>	2021105249	2021106429	<u>G09C 5 /-</u>	<u>H02G 3 /-</u>	<u>H04B 7 /-</u>
	2021105483	2021106456			
2021105322	2021105484	2021106485	2021102700	2021106430	2021106316
2021106280	2021106294	<u>G06Q 90 /-</u>	<u>G09F 3 /-</u>	<u>H02H 11 /-</u>	<u>H04L 12 /-</u>
2021106349	2021106311				
2021106447	2021106342	2021106435	2021106520	2021106408	2021106019
2021106480	2021106416		<u>G10L 15 /-</u>		2021106349
	2021106417	<u>G06T 17 /-</u>		<u>H02H 3 /-</u>	2021106495
<u>G05B 23 /-</u>	2021106447		2021106290	2021106408	2021106497
2021106346	2021106456	2021106247	2021106294		2021106503
2021106381	<u>G06N 20 /-</u>	<u>G06T 5 /-</u>	<u>G16B 25 /-</u>	<u>H02H 5 /-</u>	<u>H04L 25 /-</u>
<u>G05D 1 /-</u>	2021102699	2021106389	2021102701	2021106408	2021106503
	2021102701	2021106502			
2021105322	2021106280	<u>G06T 7 /-</u>	<u>G16H 40 /-</u>	<u>H02H 7 /-</u>	<u>H04L 29 /-</u>
2021106247					
2021106301	<u>G06N 3 /-</u>	2021105483	2021105322	2021106408	2021105342
2021106447		2021105484			2021106019
2021106476	2021102701	2021105484	<u>G16H 50 /-</u>	<u>H02J 13 /-</u>	2021106293
2021106502	2021106280	2021106342			
	2021106342	2021106346	2021102701	2021106311	<u>H04L 5 /-</u>
<u>G06F 16 /-</u>	2021106346	2021106389		2021106381	
	2021106389	2021106417	<u>G16H 70 /-</u>		2021106293
2021102701	2021106416	2021106475		<u>H02J 3 /-</u>	<u>H04M 15 /-</u>
2021106290	2021106417	2021106502	2021106425		
2021106294	2021106475	<u>G07F 11 /-</u>		2021106256	2018102223
2021106296			<u>G16Y 10 /-</u>	2021106311	
2021106456	<u>G06N 5 /-</u>	2021106476		2021106381	<u>H04N 1 /-</u>
			2021102703	2021106480	
<u>G06F 17 /-</u>	2021106298	<u>G07F 13 /-</u>	2021102964		2021102700
				<u>H02K 1 /-</u>	
2021106247	<u>G06N 7 /-</u>	2021106476	<u>G16Y 20 /-</u>	2021106315	<u>H04N 13 /-</u>
2021106256					
2021106296	2021106311	<u>G08B 13 /-</u>	2021102703		2021106447
2021106298				<u>H02K 41 /-</u>	
2021106311	<u>G06Q 10 /-</u>	2021105249	<u>G16Y 40 /-</u>	2021106315	<u>H04N 5 /-</u>
2021106321					
2021106342	2020104464	<u>G08B 21 /-</u>	2021102703		2021105249
2021106379	2021105249			<u>H02K 5 /-</u>	
2021106456	2021105322	2021102699	<u>H01B 1 /-</u>	2021106315	<u>H04N 7 /-</u>
2021106498	2021106252	2021102703			
	2021106280	2021102964	2021106473		2021105249
<u>G06F 3 /-</u>	2021106316	2021105249	<u>H01G 11 /-</u>	<u>H02K 7 /-</u>	2021106502
	2021106379				
2021106290	2021106456	<u>G08B 23 /-</u>	2021106312	2021106315	<u>H04Q 9 /-</u>
2021106294	2021106485				
2021106476	<u>G06Q 20 /-</u>	2021102703	<u>H01H 13 /-</u>	<u>H02M 7 /-</u>	2021106019
					2021106495
<u>G06F 40 /-</u>	2021106476	<u>G08C 17 /-</u>	2021106480	2021106497	<u>H04W 24 /-</u>
2021106425	<u>G06Q 30 /-</u>	2021106480	<u>H01H 85 /-</u>	<u>H02S 20 /-</u>	2021106316
2021106432					
2021106438	2018102223	<u>G08G 1 /-</u>	2021106349	2021106499	<u>H04W 4 /-</u>
2021106441	2021106290			2021106521	
	2021106294	2021105484			2021102703
					2021106247

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H05B 33 /-

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No IPC Mark

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A61P 1/16 (2006.01)
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C07D 207/08 (2006.01)
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B29C 64/264 (2017.01)
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G03B 27/32 (2006.01)
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 A23G 3/34 (2006.01)
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A23L 2/52 (2006.01)
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A61K 36/00 (2006.01)
B01D 15/36 (2006.01)
C07C 67/56 (2006.01)
C07K 1/18 (2006.01)
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C12N 5/10 (2006.01)
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C12P 21/00 (2006.01)
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A61P 1/00 (2006.01)
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H04L 12/00 (2006.01)
A47G 29/14 (2006.01)
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A61K 35/76 (2015.01)
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C12N 9/36 (2006.01)
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H01M 4/583 (2010.01)
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C25B 11/04 (2021.01)
C01B 32/05 (2017.01)
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H01G 11/24 (2013.01)
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C07D 209/04 (2006.01)
C07F 7/08 (2006.01)
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B29C 44/34 (2006.01)
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F02M 35/16 (2006.01)
G01F 1/32 (2006.01)
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F21V 21/28 (2006.01)
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 H05B 6/06 (2006.01)
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 G06T 7/143 (2017.01)
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 G06T 7/143 (2017.01)
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A61P 1/00 (2006.01)
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C07K 14/78 (2006.01)
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A61K 48/00 (2006.01)

A61P 1/16 (2006.01)
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 B01D 71/10 (2006.01)
 B01D 71/34 (2006.01)
 C12M 3/06 (2006.01)
 C12N 15/10 (2006.01)
 B01D 61/14 (2006.01)
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C07D 207/335 (2006.01)
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A61N 1/04 (2006.01)
A61N 1/18 (2006.01)
A61N 1/32 (2006.01)
A61N 1/40 (2006.01)
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H04W 4/021 (2018.01)
H04W 4/38 (2018.01)
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A61K 31/336 (2006.01)
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B08B 9/032 (2006.01)
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C12M 1/32 (2006.01)
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B01D 53/14 (2006.01)
B01D 53/52 (2006.01)
B01D 53/62 (2006.01)
C01B 17/16 (2006.01)
C01B 32/50 (2017.01)
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A61K 41/00 (2020.01)
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B65G 65/02 (2006.01)
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B62M 6/90 (2010.01)
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A24B 15/12 (2006.01)
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G01N 1/00 (2006.01)
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C07C 255/54 (2006.01)
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C07D 213/65 (2006.01)
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A61K 31/397 (2006.01)
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A61K 31/422 (2006.01)
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A61P 17/04 (2006.01)
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C07D 205/04 (2006.01)
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C08K 3/10 (2018.01)
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A01P 13/00 (2006.01)
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A61K 47/68 (2017.01)
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G01R 15/18 (2006.01)
H01F 6/02 (2006.01)
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A01G 29/00 (2006.01)

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C08K 3/013 (2018.01)
C08K 3/04 (2006.01)
C08K 3/22 (2006.01)
C08K 3/24 (2006.01)
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C07C 49/255 (2006.01)
C07C 237/18 (2006.01)
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A61G 5/04 (2013.01)
A61G 5/02 (2006.01)
A61G 5/10 (2006.01)
B62B 5/00 (2006.01)
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G05D 1/00 (2006.01)
B60W 30/095 (2012.01)
B60W 30/10 (2006.01)
E21C 35/24 (2006.01)
G01S 17/88 (2006.01)
G01S 17/931 (2020.01)
G05D 1/02 (2020.01)
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A61K 38/00 (2006.01)
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A61K 31/712 (2006.01)
A61K 31/713 (2006.01)
C12N 15/113 (2010.01)
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 cedure to induce the development of in
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A61K 35/407 (2015.01)
A61K 9/10 (2006.01)
A61K 35/12 (2015.01)
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 versity
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 tramolecular proton transfer (ESIPT)
 character for use in treating and/or pre-
 venting sunburn and/or preventing u.v.
 damage
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C07D 251/14 (2006.01)
A61K 31/351 (2006.01)
A61P 17/00 (2006.01)
C07D 309/12 (2006.01)
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 Inc.
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 injury
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A61K 39/395 (2006.01)
A61P 25/00 (2006.01)
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 system
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A01G 25/00 (2006.01)
A01G 25/16 (2006.01)
G05B 13/00 (2006.01)
G05B 13/02 (2006.01)
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 FRIEMAN, Bryan A.; GROOTENHUIS,
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B66F 1/02 (2006.01)
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A61L 2/10 (2006.01)
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C02F 1/461 (2006.01)
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C05C 11/00 (2006.01)
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A61K 38/17 (2006.01)
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C05B 11/10 (2006.01)
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A61K 47/26 (2006.01)
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A61K 9/00 (2006.01)
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A61K 47/02 (2006.01)
A61K 47/10 (2017.01)
A61K 47/26 (2006.01)
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C01B 39/00 (2006.01)
B01J 20/16 (2006.01)
B01J 21/12 (2006.01)
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B01J 29/06 (2006.01)
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C22B 3/22 (2006.01)
C22B 3/44 (2006.01)
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B63B 35/44 (2006.01)
H02S 20/00 (2014.01)
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B63B 5/24 (2006.01)
B63B 1/12 (2006.01)
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A23L 27/10 (2016.01)
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A23L 27/12 (2016.01)
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B01D 1/18 (2006.01)
F26B 3/12 (2006.01)
G01N 15/02 (2006.01)
G01N 15/04 (2006.01)
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2019434963	ABB Power Grids Switzerland AG	2020234055	Nicoventures Trading Limited
2019434989	THERMAL RECYCLING (UK) LTD	2020234063	Oxford University Innovation Limited
2019436557	NEC Corporation	2020234097	University of the Witwatersrand, Johannesburg; Johannes Gutenberg University
2019437374	Telefonaktiebolaget LM Ericsson (publ)	2020234109	ELTIVU Technologies Ltd
2019437385	SINTEF TTO AS; Oslo Universitetssykehus HF	2020234298	I Cook Catering Services Pty Ltd
2019438487	Acciona Generación Renovable, S.A.; Sentient Science Corporation	2020234409	LG Electronics Inc.
2019438571	Komatsu Reman Center Chile S.A.	2020234484	National University of Singapore; National University Hospital (Singapore) Pte Ltd
2019438622	Bunka Shutter Co., Ltd.	2020234517	Hoe, H.H.; Hoe, H.M.
2019438654	Oriental (Luzhou) Agrochemicals Co., Ltd.	2020234694	Alfa Laval Sandymount Technologies Corporation
2019438860	General Electric Company	2020234713	Generation Bio Co.
2019439041	Oriental (Luzhou) Agrochemicals Co., Ltd.	2020234780	Research Institute at Nationwide Children's Hospital
2019439452	The Coca-Cola Company	2020234917	Harper Trucks, Inc.
2019439692	Oriental (Luzhou) Agrochemicals Co., Ltd.	2020235050	Goodenough, C.
2019439816	Samsung Heavy Ind. Co., Ltd.	2020235112	St. Jude Children's Research Hospital, Inc.
2019440196	ELC Management LLC	2020235119	Increvet, Inc.
2019440428	ELC Management LLC	2020235121	Generation Bio Co.
2019440462	Essity Hygiene And Health Aktiebolag	2020235287	Step1One Limited
2019440541	Smart Galley Designs Inc.	2020235410	Nicoventures Trading Limited
2019440809	Qingdao Haier Refrigerator Co., Ltd; Haier Smart Home Co., Ltd.	2020235617	EPM (IP), Inc.; Yissum Research Development Company of the Hebrew University of Jerusalem Ltd.
2019440869	Essity Hygiene and Health Aktiebolag	2020235624	AMDT Holdings, Inc.
2019441168	Ecolab USA Inc.	2020235801	Merck Patent GmbH
2019444412	Ferrer Internacional, S.A.	2020235823	Lantern Pharma Inc.
2019444436	Google LLC	2020235911	AstraZeneca AB
2019444491	Deflecto LLC	2020236023	Hemoshear Therapeutics, Inc.
2019444630	Google LLC	2020236308	Kaydence Pharma AS
2019444894	Chemcom S.A.	2020236495	Nicoventures Trading Limited
2019445032	Reend Spółka Z Ograniczoną Odpowiedzialnością	2020236496	Trunature Limited
2019445898	Electrolux Appliances Aktiebolag	2020236525	Taro Pharmaceutical Industries Ltd.
2019446188	Woodroof, E.	2020237097	Seattle Children's Hospital (dba Seattle Children's Research Institute)
2019447499	Electrolux Appliances Aktiebolag	2020237108	Element Inc.
2019449028	Essity Hygiene and Health Aktiebolag	2020237345	Universidad de Chile
2019450575	Essity Hygiene and Health Aktiebolag	2020237446	Wiley X, Inc.
2019453229	Halliburton Energy Services, Inc.	2020237461	Genzyme Corporation
2019453609	STUT NO.1 PTY LTD	2020237499	Airtime Network, Inc.
2019471732	Nabrawind Technologies, S.L.	2020238004	Neutron Holdings, Inc.
2020220086	Ningbo Radi-Cool Advanced Energy Technologies Co., Ltd.; Ningbo Ruiling Advanced Energy Materials Institute Co., Ltd	2020238177	Showa University; TMS Co., Ltd.
2020228019	HAS LLC	2020238420	Honor Device Co., Ltd.
2020230558	Centre for Eye Research Australia Ltd	2020238796	XLifeSc, Ltd.
2020230559	Southall, T.	2020239050	Sorrento Therapeutics, Inc.
2020230567	Honk Mobile Inc.	2020239160	Tyco Electronics UK Ltd.; Tyco Electronics Raychem GmbH
2020231236	Advenchen Pharmaceuticals, LLC; Chen, G.	2020239920	Nieman, L.; Ulmann, A.; Newman, A.
2020231258	Molteni Therapeutics S.r.l.	2020239987	University of Massachusetts
2020231336	WorkLLama, LLC	2020239990	FORMA Therapeutics, Inc.
2020231781	LG Electronics Inc.	2020240003	Landis+Gyr Innovations, Inc.
2020232019	Medtronic, Inc	2020240017	Dispersol Technologies, LLC.; Board of Regents, The University of Texas System
2020232109	LG Electronics Inc.	2020240036	Research Foundation of the City University of New York; Sun Fresh Water, LLC
2020232675	Re Vision Consulting, LLC	2020240049	Figene, LLC
2020232699	The Regents of the University Of Colorado, a body corporate	2020240138	Sherlock Biosciences, Inc.
2020232755	Hongyi & Associates LLC.	2020240213	Kumiai Chemical Industry Co., Ltd.
2020232768	Ojjo, Inc.	2020240341	Alphyn Biologics, LLC
2020232858	Nexus Spine, LLC	2020240976	Blue Sea Norway AS
2020232980	Red Piranha Limited	2020241059	Loram Maintenance of Way, Inc.
2020233210	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	2020241262	Intel Corporation
2020233458	Meiji Co., Ltd.	2020241308	AST & Science, LLC
2020233571	Immunolight, LLC	2020241553	Ancestry.com DNA, LLC
2020233573	Boston Scientific Neuromodulation Corporation	2020241585	Alphyn Biologics, LLC
2020233787	Campbell, R.	2020241611	Avanir Pharmaceuticals, Inc.
2020233892	NeoVasc Tiara Inc.	2020241626	Figene, LLC
2020233966	The Queen's University of Belfast	2020241632	ARRIS Enterprises LLC
2020234026	Eterna Immunotherapies NV		
2020234033	AstraZeneca AB		

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2020241686	Bolt Biotherapeutics, Inc.; The Board of Trustees of the Leland Stanford Junior University	2020251023	Fondazione Istituto Italiano di Tecnologia; Fondazione Telethon; Università degli Studi di Genova; Alma Mater Studiorum - Università di Bologna
2020241750	Boehringer Ingelheim Animal Health USA Inc.; Boehringer Ingelheim Pharma GmbH & Co. KG	2020251072	Morrison, D.
2020241756	Arcturus Therapeutics, Inc.	2020251195	Simpson Strong-Tie A/S
2020241863	Regeneron Pharmaceuticals Inc.	2020251375	Suntory Holdings Limited
2020241879	The UAB Research Foundation	2020251526	Tirth Agro Technology Pvt. Ltd.
2020241963	Vasgene Therapeutics Inc	2020251545	Daikin Industries, Ltd.
2020242051	inQB8 Medical Technologies, LLC	2020251616	Huawei Technologies Co., Ltd.
2020242078	Research Foundation of the City University of New York	2020251618	Huawei Technologies Co., Ltd.
2020242144	Chia Tai Tianqing Pharmaceutical Group Co., Ltd.; Nanjing Shunxin Pharmaceuticals Co., Ltd. of Chiatai Tianqing Pharmaceutical Group	2020251621	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.
2020242296	Microwave Solutions GmbH	2020251708	Breville Pty Limited
2020242332	9449710 Canada Inc.	2020251798	Viobac ApS
2020242596	Max Bögl Wind AG	2020251967	Keter Plastic Ltd.
2020242704	Jiangsu Hengrui Medicine Co., Ltd.; Shanghai Hengrui Pharmaceutical Co., Ltd.	2020252005	Glycomine Inc.
2020242917	Green Monster Offshore Pty Ltd	2020252207	PPG Industries Ohio, Inc.
2020242931	Nicoya Lifesciences, Inc.	2020252216	Hepagene Therapeutics (HK) Limited
2020243426	Atrogi AB	2020252234	Enfant Terrible Design AB
2020243430	Bio-Rad AbD Serotec GmbH	2020252367	Vertex Pharmaceuticals Incorporated
2020243450	Gharda Chemicals Limited	2020252395	PRC-DeSoto International, Inc.
2020243454	Atrogi AB	2020252546	Becton, Dickinson and Company
2020243623	Ramot at Tel-Aviv University Ltd.	2020252569	Nektar Therapeutics; Fred Hutchinson Cancer Re- search Center
2020243824	Weir Minerals Australia Ltd	2020252576	Butler, W.
2020244084	Bayer Animal Health GmbH	2020252614	Daiwa Can Company
2020244281	Acery France SAS	2020252840	Chugai Seiyaku Kabushiki Kaisha
2020244290	Gharda Chemicals Limited	2020253238	Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America
2020244329	Brandenburg Innovation Limited	2020253362	Sangamo Therapeutics, Inc.
2020244826	Human Foundry, LLC	2020253385	Tarveda Therapeutics, Inc.
2020245087	Streamroot	2020253392	Stinger Advanced Manufacturing Corporation
2020245205	Landis+Gyr Innovations, Inc.	2020253402	Enduralock, LLC
2020245332	SpliceSense Ltd.; The Hospital for Sick Children	2020253418	Azul 3D, Inc.
2020245334	Tirth Agro Technology Pvt. Ltd.	2020253443	Becton, Dickinson and Company
2020245349	Yumanity Therapeutics, Inc.	2020253455	Genzyme Corporation
2020245353	Landis+Gyr Innovations, Inc.	2020253470	Bondwell Technologies Inc.
2020245381	Biocompatibles UK Limited	2020253473	GeoQuest Systems B.V.
2020245405	SpliceSense Ltd.	2020253486	The Scripps Research Institute
2020245407	Tirth Agro Technology Pvt. Ltd.	2020253522	Dow AgroSciences LLC
2020245529	ZoomEssence, Inc.	2020253547	Artisan Vehicle Systems, Inc.
2020245736	Suntory Holdings Limited	2020253565	OCUSKIN SOLUTIONS, S.P.C.
2020245896	Getzner Werkstoffe Holding GmbH	2020253570	Baker Hughes Oilfield Operations LLC
2020246735	Huawei Technologies Co., Ltd.	2020253578	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College; University of Southern California
2020247127	Roquette Freres	2020253623	Catalyst OrthoScience Inc.
2020247162	Hagal Technology AS	2020253625	UdeeGo, Inc.
2020247242	Huawei Technologies Co., Ltd.	2020253633	Kymera Therapeutics, Inc.
2020247625	Tirth Agro Technology Pvt. Ltd.	2020253755	TLS Corp.
2020247900	Inscripta, Inc.	2020253804	Gyrus ACMI, Inc. D/B/A Olympus Surgical Technologies America
2020248079	Cargill, Incorporated	2020253874	Macondo B.V.
2020248195	Huawei Technologies Co., Ltd.	2020253893	Praxair Technology, Inc.
2020248337	Intellia Therapeutics, Inc.	2020253966	Turun Yliopisto
2020248348	NTT Security Corporation	2020254126	Biomica Ltd
2020248473	Corumat, Inc.	2020254129	Buildots Ltd.
2020248475	Stryker Corporation	2020254292	RapidSOS, Inc.
2020248716	Tyme, Inc.	2020254587	Controlamatics Corporation
2020248911	Peking University; EdiGene Inc.	2020254622	Suntory Holdings Limited
2020249181	Palfinger AG	2020254677	Bechtel Hydrocarbon Technology Solutions, Inc.
2020249188	Cona International Pty Ltd	2020254709	SMC Technologies Pty Ltd
2020249302	The Hospital for Sick Children	2020254721	Rapid Dose Therapeutics Corp.
2020249348	AC Bioscience SA	2020254751	Schlumberger Technology B.V.
2020249421	Assistance Publique - Hopitaux de Paris	2020254768	Emerald Kalama Chemical, LLC.
2020249617	Bellota Agrisolutions, S.L.	2020254772	Surgimatix, Inc.
2020249800	Strix Limited; Strix Guangzhou Limited	2020254804	The Medical College of Wisconsin, Inc.; UWM Re- search Foundation, Inc.
2020250158	OwnBackup Ltd	2020254901	l'air liquide societeÉ anonyme pour l'etude et l'exploitation des procedes georges claude?
2020250174	Tirth Agro Technology Pvt. Ltd.	2020255012	Huawei Technologies Co., Ltd.
2020250175	Tirth Agro Technology Pvt. Ltd.	2020255032	Kraftblock GmbH
2020250468	Nippon Chemphar Co., Ltd.; UTI Limited Partnership; Kinki University		
2020250772	Globachem NV		
2020250877	Tokamak Energy Ltd		
2020250883	Metso Outotec Finland Oy		

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2020255049	Waterdiam Group LLC	2020260090	Metagenics, Inc.
2020255330	Cox Powertrain Limited	2020260105	Aligos Therapeutics, Inc.
2020255407	Builddots Ltd.	2020260130	Nikang Therapeutics, Inc.
2020255603	Huawei Technologies Co., Ltd.	2020260716	DuPont Nutrition BioSciences ApS
2020255669	Pipetag Pty Ltd	2020260720	Follicum AB
2020255775	The University of Tokyo; Hanavav Inc.	2020260969	Brady Worldwide, Inc.
2020255976	Autonomous Organization of Education "Nazarbayev University"	2020261046	RAI Strategic Holdings, Inc.
2020256132	Controlamatics Corporation	2020261051	The Trustees of the University of Pennsylvania
2020256186	Meryx, Inc.; The University of North Carolina at Chapel Hill; Belta Pharmaceuticals Co., Ltd.	2020261068	Shazzle, LLC
2020256188	Niagara Bottling, LLC	2020261175	Robel Bahnbaumaschinen GmbH
2020256221	ACV Auctions INC.	2020261218	Aenorasis Commercial Company Of Pharmaceutical And Medical Products And Machines Societe Anonyme Lamberti SpA
2020256222	Balt USA, LLC	2020261248	Blackmore Sensors and Analytics, Inc
2020256246	Akron Biotechnology, LLC	2020261259	Qualcomm Incorporated
2020256258	ContraFect Corporation	2020261351	Northwestern University
2020256278	Biomedican, Inc.	2020261414	Northwestern University
2020256648	Jiangsu Hansoh Pharmaceutical Group Co., Ltd.; Shanghai Hansoh Biomedical Co., Ltd.	2020261419	Intellia Therapeutics, Inc.
2020256680	FormFlow Pty Ltd	2020261666	Nissan Chemical Corporation
2020256682	Centenary Institute of Cancer Medicine and Cell Biology; University of Sydney	2020261914	WESCO Equity Corporation
2020256749	Universidad Adolfo Ibañez	2020261942	Tanvex BioPharma USA, Inc.
2020256912	GE MINI D PTY LTD	2020261974	Robel Bahnbaumaschinen GmbH
2020256913	Bailey, D.	2020262012	Nippon Fiber Corporation
2020256991	Lynk Pharmaceuticals Co. Ltd.	2020262096	Sustain Holdings, LLC
2020257177	Milwaukee Electric Tool Corporation	2020262103	Smartwash Solutions, LLC
2020257205	Airius IP Holdings, LLC	2020262281	Sangamo Therapeutics, Inc.
2020257395	Board of Regents, The University of Texas System	2020262300	Netflix, Inc.
2020257519	Exentis Knowledge GmbH	2020262398	Bennubio Inc.
2020257540	Boehringer Ingelheim International GmbH	2020262931	Co-Diagnostics, Inc.
2020257580	Nicoventures Trading Limited	2020263199	Beijing Bytedance Network Technology Co., Ltd.; ByteDance Inc.
2020257625	Compass Pathfinder Limited	2020263238	Eli Lilly and Company
2020257742	The Track Shop Pty Ltd	2020263282	DexCom, Inc.
2020257880	Medivators Inc.	2020263292	Meso Scale Technologies, LLC.
2020257898	Duke University	2020263374	Mekonos Inc.
2020257953	Lanxess Deutschland GmbH	2020263485	LivePerson, Inc.
2020257963	Getinge La Calhene	2020263769	Otsuka Pharmaceutical Factory, Inc.
2020257980	Exentis Knowledge GmbH	2020263830	PAPACKS SALES GmbH
2020257991	Salipro Biotech AB	2020263978	Soprema; Eiffage Infrastructures; Institut National des Sciences Appliquees de Lyon; Universite Claude Bernard Lyon 1; Centre National de la Recherche Scientifique - CNRS -; Universite Jean Monnet Saint Etienne
2020258264	Neptune Medical Inc.	2020264111	Energy Water Solutions, LLC
2020258310	Seminis Vegetable Seeds, Inc.	2020264484	PACT Pharma, Inc.
2020258366	AgroFresh Inc.	2020264696	Innolith Technology AG
2020258384	Qwixel Therapeutics LLC	2020264808	Clexio Biosciences Ltd.
2020258452	Azora Therapeutics, Inc.	2020264889	Momek Services AS
2020258476	EZ-Tip LLC	2020264946	Clumio, Inc.
2020258568	BioArdis LLC	2020265188	Qualcomm Incorporated
2020258630	Eyesense GmbH	2020265231	ConMed Corporation
2020259017	Karl Leibinger Medizintechnik GmbH & Co. KG	2020265568	Immunogen, Inc.
2020259078	Exentis Knowledge GmbH	2020265577	Yale University; Dot Laboratories, Inc.
2020259122	DP Polar GmbH	2020265664	BioRestorative Therapies, Inc.
2020259131	DP Polar GmbH	2020265788	Intervet International B.V.
2020259217	BAE Systems PLC	2020265831	Brius Technologies, Inc.
2020259270	One Home Brands, Inc.	2020266289	Deutsches Zentrum Für Neurodegenerative Erkrankungen E.V. (DZNE)
2020259338	Geosyntec Consultants, Inc.	2020266435	Qualcomm Incorporated
2020259406	Compass Pathfinder Limited	2020266496	Clumio, Inc.
2020259413	Security Matters Ltd.	2020266523	The Trustees of the University of Pennsylvania
2020259463	One Home Brands, Inc.	2020266584	Outset Medical, Inc.
2020259631	SWISS KRONO Tec AG	2020266871	Brius Technologies, Inc.
2020259716	Saint-Gobain Isover; Saint-Gobain Placo	2020267110	Qualcomm Incorporated
2020259800	Bace Australia Pty Ltd	2020267130	Clumio, Inc.
2020259801	Commonwealth Scientific and Industrial Research Organisation	2020267132	Clumio, Inc.
2020259816	Exentis Knowledge GmbH	2020267329	University Of Zurich; XBiotech USA, Inc.
2020259847	Genfit	2020267383	Laitram, L.L.C.
2020259907	Culley, T.	2020267647	Amsted Rail Company, Inc.
2020259973	Exentis Knowledge GmbH	2020267734	Baxter International, Inc.; Baxter Healthcare SA
2020259984	BASF SE	2020267803	Société des Produits Nestlé S.A.
2020260017	Brelko Patents (Pty) Ltd	2020268160	Qualcomm Incorporated
2020260018	Pfizer Inc.	2020268178	Corn Products Development, Inc.
2020260060	Pear Therapeutics, Inc.; Novartis, AG.	2020268618	Intervet International B.V.
2020260082	Electrochemical Oxygen Concepts, Inc.		

PCT applications which have entered the National Phase - Numerical Index cont'd

2020268686	Junction7 Limited	2020272576	Oetiker Tool Company
2020268727	Colgate-Palmolive Company	2020272591	Locus IP Company, LLC
2020268798	Dicerna Pharmaceuticals, Inc.	2020272641	R.P. Scherer Technologies, LLC
2020269152	Colgate-Palmolive Company	2020272664	Taiga Biotechnologies, Inc.
2020269292	Electrolux Appliances Aktiebolag	2020272671	ELECTROSEA, LLC
2020269416	Zimmermann, R.	2020272706	Sekisui House, Ltd.
2020269504	Grey Wolf Therapeutics Limited	2020272731	Firefly Automatrix, Inc.
2020269633	Q.E.D Environmental Systems Limited	2020272887	Avigilon Corporation
2020269887	F. Hoffmann-La Roche AG	2020272936	Purdue Research Foundationj
2020269935	Zimmermann, R.	2020272980	Encoded Therapeutics, Inc.
2020269970	Nicoventures Trading Limited	2020272993	Faradion Limited
2020270129	Deere & Company	2020273106	VitalFluid B.V.
2020270400	Graco Minnesota Inc.	2020273144	Cargill, Incorporated
2020270596	Mitsubishi Heavy Industries Engineering, Ltd.; The Kansai Electric Power Co., Inc.	2020273195	Convatec Technologies Inc.
2020270619	MAX CO., LTD.	2020273589	Aesculap AG
2020270703	Orizuru Therapeutics, Inc.	2020273720	Manitou BF
2020270776	Viking Arm AS	2020274308	DJO, LLC
2020270888	Memorial Sloan Kettering Cancer Center	2020274440	Nitto Kohki Co., Ltd.
2020270900	Johnson Controls Fire Protection LP	2020274843	Landis+Gyr AG
2020270917	Celgene Corporation	2020274996	Yield10 Bioscience, Inc.
2020270920	Geltor, Inc.	2020275683	CerSci Therapeutics, Inc.
2020270960	Ultragenyx Pharmaceutical Inc.	2020275908	UCB Biopharma SRL
2020270961	Huawei Technologies Co., Ltd.	2020275910	Janssen Vaccines & Prevention B.V.
2020270981	Cornell University	2020276056	Reckitt Benckiser (Brands) Limited; BSH Hausgeräte GmbH
2020270983	The Regents of the University of California	2020276286	Illinois Tool Works Inc.
2020271024	Separation Technologies LLC	2020276828	Reckitt Benckiser (Brands) Limited; BSH Hausgeräte GmbH
2020271056	ServiceNow, Inc.	2020277683	BioNTech SE; TRON - Translationale Onkologie an der Universitätsmedizin der Johannes Gutenberg-Universität Mainz Gemeinnützige GmbH
2020271073	Advanced Solutions Life Sciences, LLC	2020277706	Supersonic Imagine
2020271078	Azul 3D, Inc.	2020278159	Sandvik Mining and Construction Oy
2020271121	University of Pittsburgh-of the Commonwealth System of Higher Education	2020278817	Knauf Performance Materials GmbH
2020271285	LiquidStack Holding B.V.	2020278988	Alcon Inc.
2020271307	Medacta International SA	2020278993	ResMed Asia Pte Ltd
2020271419	Bruckbauer, W.	2020279510	Sandvik Mining and Construction Oy
2020271530	Envisagenics, Inc.	2020281332	Dizal (Jiangsu) Pharmaceutical Co., Ltd.; Advenchen Pharmaceuticals, LLC
2020271548	Oceaneering International, Inc.	2020281514	Société des Produits Nestlé S.A.
2020271558	Ecolab USA Inc.	2020282086	Huawei Technologies Co., Ltd.
2020271606	EO-SOL GmbH	2020282145	Komatsu Ltd.
2020271630	ROSEN Swiss AG	2020283021	Komatsu Ltd.
2020271636	Genfit	2020284093	Atlanta Scientific LLC
2020271791	AbbVie Inc.	2020284237	4C Medical Technologies, Inc.
2020271793	Cargill, Incorporated	2020284664	Alcon Inc.
2020271796	Cargill, Incorporated	2020285097	Komatsu Ltd.
2020271815	Weatherford Technology Holdings, LLC	2020285608	IDE Water Technologies Ltd
2020271839	The Trustees of Columbia University in the City of New York; The Research Foundation for Mental Hygiene, Inc.; Université Paris-Saclay; Institut National de la Santé et de la Recherche Médicale	2020285636	Proviva Therapeutics (Hong Kong) Limited
2020271855	National Health Research Institutes	2020286380	Société des Produits Nestlé S.A.
2020271901	SDG, Inc.	2020286382	Regeneron Pharmaceuticals, Inc.
2020271908	MEI Pharma, Inc.	2020286959	Ludwig-Maximilians-Universität München
2020271915	Board of Supervisors of Louisiana State University and Agricultural and Mechanical College	2020287070	Breville Pty Limited
2020271957	Universitat Autònoma de Barcelona; Institut Recerca Hospital de La Santa Creu I Sant Pau; Consorcio Centro de Investigación Biomédica en Red, M.P. (CIBER)	2020287176	Valmont Industries, Inc.
2020271965	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	2020287391	Zeotech Limited
2020271967	ROSEN Swiss AG	2020287733	Société des Produits Nestlé S.A.
2020271979	Medacta International SA	2020287907	Société des Produits Nestlé S.A.
2020272036	Angion Biomedica Corp.	2020288395	Yara UK Limited
2020272050	Oceaneering International, Inc.	2020288819	Amgen Inc.
2020272055	Coralluma LLC.	2020289696	Electrolux Appliances Aktiebolag
2020272057	Eupraxia Pharmaceuticals Inc.	2020290014	Zealand Pharma A/S
2020272117	ROSEN Swiss AG	2020290573	Amgen Inc.
2020272127	Ecolab USA Inc.	2020290916	Green Cross Corporation; Mogam Institute for Biomedical Research
2020272149	High Technology Products, S.I.U.	2020292156	Citrix Systems, Inc.
2020272235	Incyzr Pty. Ltd.	2020293484	Société des Produits Nestlé S.A.
2020272506	Qualcomm Incorporated	2020293576	Zealand Pharma A/S
2020272558	Tokes, M.	2020296961	Martin-Brower France Sas
		2020298084	Amgen Inc.
		2020298762	F. Hoffmann-La Roche AG
		2020300962	Electric Sheep Robotics, Inc.
		2020303979	Tencent America LLC

PCT applications which have entered the National Phase - Numerical Index cont'd

2020305380 Electrolux Appliances Aktiebolag
2020306265 Unicharm Corporation
2020309307 F. Hoffmann-La Roche AG
2020309544 Polydeck Screen Corporation
2020311423 Boston Scientific Scimed, Inc.
2020311876 Raytheon BBN Technologies Corp.
2020313619 The Furukawa Battery Co., Ltd.
2020314729 Meso Scale Technologies, LLC.
2020327779 Nippon Steel Corporation; Vallourec Oil and Gas
France
2020329057 PharmAbcine Inc.
2020332001 Great Plains Manufacturing, Inc.
2020339069 Faiveley Transport Leipzig GmbH & Co. KG
2020369432 Ecc Tec Msj Incorporated
2020372605 Intuit Inc.
2020373995 GPRO Co., Ltd.
2020389479 Foshan Ideal Co., Ltd.
2020405102 Schneider Electric Systems USA, Inc.
2020418848 Tencent America LLC
2020426865 Guangdong Bright Dream Robotics Co., Ltd.
2020428058 Tencent Technology (Shenzhen) Company Limited
2020439384 Anhui Huangshan Hengjiu Chain Transmission Co., Ltd
2020440362 OBI Pharma, Inc.
2021202679 HKN International, LLC d/b/a Aerosmith Fastening Sys-
tems
2021203645 Hanmi Pharm. Co., Ltd.
2021207961 Qingdao KingAgroot Chemical Compound Co., Ltd.
2021215262 Zelira Therapeutics Limited
2021218069 Abclon Inc.
2021229204 Tomy Company, Ltd.
2021231410 Exo Imaging, Inc.
2021238896 Macnaught Pty Ltd
2021240332 Tencent Technology (Shenzhen) Company Limited

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<u>A01B 45 /-</u>	<u>A01G 29 /-</u>	<u>A01N 45 /-</u>	<u>A23C 11 /-</u>	<u>A23L 23 /-</u>	2020269970
2020272558	2020272558	2020288395	2020281514	2020267803	<u>A43B 13 /-</u>
<u>A01B 63 /-</u>	<u>A01G 31 /-</u>	<u>A01N 57 /-</u>	<u>A23C 21 /-</u>	<u>A23L 25 /-</u>	2020235287
2020249617	2020259800	2020288395	2020293484	2020281514	<u>A45C 7 /-</u>
<u>A01B 69 /-</u>	<u>A01G 7 /-</u>	<u>A01N 59 /-</u>	<u>A23C 9 /-</u>	<u>A23L 27 /-</u>	2020251967
2020332001	2020259800	2020288395	2020233458	2020245529	<u>A45D 34 /-</u>
<u>A01B 76 /-</u>	<u>A01G 9 /-</u>	<u>A01N 63 /-</u>	<u>A23D 7 /-</u>	2020271793	2019440428
2020272731	2020270619	2020244329	2020248079	<u>A23L 29 /-</u>	<u>A47B 77 /-</u>
2020332001	<u>A01H 1 /-</u>	2020272591	<u>A23D 9 /-</u>	2020234298	2019440541
<u>A01C 19 /-</u>	2020258310	<u>A01N 65 /-</u>	2020248079	2020268178	<u>A47C 1 /-</u>
2020270129	<u>A01H 5 /-</u>	2020250772	<u>A23F 3 /-</u>	<u>A23L 33 /-</u>	2020271548
<u>A01C 23 /-</u>	2020258310	<u>A01P 1 /-</u>	2020251375	2020234298	2020272050
2020272558	<u>A01H 6 /-</u>	2020271558	2020254622	2020247127	<u>A47C 29 /-</u>
<u>A01C 7 /-</u>	2020258310	<u>A01P 13 /-</u>	<u>A23F 5 /-</u>	2020249421	2020252234
2020270129	<u>A01K 67 /-</u>	2020240213	2020267803	2020260090	<u>A47D 15 /-</u>
<u>A01D 45 /-</u>	2020286382	2020261248	<u>A23G 3 /-</u>	2020267803	2020252234
2020245334	<u>A01M 1 /-</u>	2021207961	2020248079	2020268178	<u>A47D 15 /-</u>
2020245407	2020244329	<u>A01P 21 /-</u>	<u>A23G 9 /-</u>	2020287907	2020252234
2020247625	2020253522	2020288395	2019439452	2020293484	<u>A47G 29 /-</u>
2020250174	<u>A01N 1 /-</u>	<u>A01P 3 /-</u>	2020296961	<u>A23L 5 /-</u>	2020249188
2020250175	2020257953	2020255222	<u>A23J 1 /-</u>	2019439452	<u>A47J 27 /-</u>
2020251526	2020256246	<u>A01P 7 /-</u>	2020247127	2020296961	2020249800
<u>A01D 47 /-</u>	<u>A01N 25 /-</u>	2020244329	2020260090	<u>A23L 7 /-</u>	2020251708
2020247625	2020240213	<u>A21B 3 /-</u>	<u>A23J 3 /-</u>	2020268178	<u>A47J 31 /-</u>
<u>A01D 63 /-</u>	2020250772	2020271419	2020247127	<u>A23N 12 /-</u>	2020249800
2020245334	2020261248	<u>A21D 10 /-</u>	2020259984	2020262103	2020251708
<u>A01D 67 /-</u>	2020271558	<u>A23K 10 /-</u>	<u>A23K 10 /-</u>	<u>A23P 10 /-</u>	2020267803
2020251526	<u>A01N 3 /-</u>	2020259984	2020272591	2020233458	2020287070
<u>A01D 69 /-</u>	2020250772	<u>A21D 2 /-</u>	<u>A23K 20 /-</u>	2020281514	<u>A47J 43 /-</u>
2020332001	<u>A01N 31 /-</u>	2020234298	2020272591	<u>A23P 30 /-</u>	2020262103
<u>A01D 75 /-</u>	2020271558	2020259984	<u>A23K 50 /-</u>	2020287070	2020287070
2020250174	<u>A01N 37 /-</u>	<u>A22C 13 /-</u>	2020272591	2020234298	<u>A47K 3 /-</u>
2020250175	2020250772	2020236496	<u>A23L 19 /-</u>	<u>A24B 15 /-</u>	2020389479
<u>A01G 20 /-</u>	<u>A01N 41 /-</u>	<u>A22C 17 /-</u>	2020281514	2020235410	<u>A47L 15 /-</u>
2020272731	2020271558	2020236496	<u>A23L 2 /-</u>	<u>A24D 1 /-</u>	2019447499
<u>A01G 25 /-</u>	<u>A01N 43 /-</u>	<u>A23B 7 /-</u>	2019439452	2020234055	2020276056
2020287176	2020240213	2020258366	2020245736	2020235410	2020276828
<u>A01G 27 /-</u>	2020250772	<u>A23C 1 /-</u>	2020267803	2020236495	<u>A47L 9 /-</u>
2020259800	2020257953	2020254901	2020271793	<u>A24D 3 /-</u>	2020231781
	2021207961		2020271796	<u>A24F 40 /-</u>	<u>A61B 1 /-</u>
			2020273144	2020234055	2020257880
			2020281514	2020235410	2020311423
			2020287733	2020236495	
				2020257580	

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A61B 10 /-	2020232858	2020252005	2020252569	2020267734	
	2020233892	2020253385	2020256258	2020271901	A61M 1 /-
2020241553	2020234484	2020253486	2020256648	2020271957	
	2020242051	2020253578	2020257991	2020272055	2020258264
A61B 17 /-	2020253623	2020253633	2020258384	2020273195	2020260082
	2020259017	2020256186	2020262096	2020290014	2020266584
2020253238	2020270983	2020256991	2020267734	2020293576	
2020253804	2020271606	2020257625	2020270920		A61M 11 /-
2020254772	2020284237	2020258452	2020271901	A61K 48 /-	
2020256222		2020258568	2020271957		2020269970
2020263282	A61F 5 /-	2020259406	2020272055	2020234713	
2020271979		2020260105	2020286380	2020235121	A61M 16 /-
2020273589	2019450575	2020260130	2020287907	2020257898	
2020298762	2020235287	2020261218	2020290014	2020272980	2020278993
	2020274308	2020261414	2020293484		
A61B 18 /-		2020262281	2020293576	A61K 49 /-	A61M 25 /-
	A61F 7 /-	2020264808	2020440362		2020252546
2020245381		2020268618	2021203645	2020256682	2020258264
2020253238	2020245381	2020270917	2021218069		
2020253804		2020271636		A61K 8 /-	A61M 35 /-
2020265231	A61F 9 /-	2020271791	A61K 39 /-		
		2020271791		2019444894	2020260082
A61B 3 /-	2020257540	2020271839	2020234026	2020240341	
	2020284664	2020271855	2020237097	2020254768	A61M 39 /-
2020278988		2020271908	2020239050	2020268727	
	A61G 5 /-	2020271915	2020241963	2020269152	2020258264
A61B 34 /-		2020272055	2020242144		
	2020253625	2020272057	2020242704	A61K 9 /-	A61M 5 /-
2020273589		2020275683	2020243430		
	A61H 7 /-	2020281332	2020243623	2019437385	2020253443
A61B 5 /-		2020287733	2020254126	2019444412	2020257540
	2020272149	2020287907	2020255775	2020236525	2020298084
2020230558		2021215262	2020258384	2020241585	
2020252576	A61J 1 /-		2020263238	2020241756	A61N 1 /-
2020258630		A61K 33 /-	2020266289	2020257991	
2020263282	2020252614		2020266523	2020258452	2020230558
2020269887	2020284093	2020235823	2020267329	2020260720	2020232019
		2020235911	2020270917	2020261414	2020233573
A61B 6 /-	A61K 31 /-		2020272664	2020264808	2020272149
		A61K 35 /-	2020272664	2020268618	
2020235624	2019437385		2020275910	2020270981	A61N 5 /-
	2019444412	2020234780	2020277683	2020271121	
A61B 8 /-	2020231236	2020235121	2020290916	2020271791	2020251798
	2020232755	2020240049	2020329057	2020271901	
2020277706	2020234026	2020241626		2020272057	A61N 7 /-
2021231410	2020234033	2020243430	A61K 41 /-	2020272641	
	2020234097	2020243623		2020275908	2020272149
A61B 90 /-	2020235112	2020249302	2020231258	2020287733	
	2020235119	2020253362		2020290014	A61P 1 /-
2020235624	2020235617	2020254126	A61K 45 /-	2020293484	
2020253238	2020235823	2020256258		2020293576	2020234713
2020257880	2020235911	2020265664	2020234033		2020235617
	2020236023	2020266523	2020235617	A61L 15 /-	2020236023
A61C 7 /-	2020236308	2020270703	2020236308		2020243426
	2020236525	2020270888	2020240017	2020273195	2020259406
2020265831	2020238177	2020271073	2020243454		2020263238
2020266871	2020239920	2020271121	2020256186	A61L 2 /-	2020271121
	2020239987	2020272980	2020268618		2020271636
A61C 8 /-	2020239990	2020293484	2020270981	2020237461	2020272664
	2020240017		2020271121	2020248475	
2020259017	2020240341	A61K 36 /-	2020293484	2020251798	A61P 11 /-
	2020241585		2020329057	2020260082	
A61F 11 /-	2020241611	2020240341			2020245332
	2020241750	2020241585	A61K 47 /-	A61L 27 /-	2020245405
2020237446	2020242144	2020260090			2020252367
	2020243426	2020273144	2019437385	2020270983	2020255775
A61F 13 /-	2020245332	2021215262	2020236525		2020259406
	2020245405		2020240017	A61L 31 /-	2020263238
2019440869	2020248337	A61K 38 /-	2020241686		2020271121
2019449028	2020249348		2020241756	2020298762	2020271636
2020306265	2020249421	2020233966	2020252005		2020272664
	2020250468	2020235823	2020257991	A61L 9 /-	A61P 15 /-
A61F 2 /-	2020251621	2020238796	2020258384		
		2020240049	2020258452	2019444894	2020235617

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<u>A61P 17 /-</u>	2021203645	<u>A61P 9 /-</u>	<u>B01D 3 /-</u>	<u>B01L 7 /-</u>	<u>B23K 37 /-</u>
2020231258	<u>A61P 31 /-</u>	2020238177	2020240036	2020314729	2020264889
2020234097	2020241585	2020240049	2020271285	<u>B02C 17 /-</u>	<u>B23K 9 /-</u>
2020235617	2020252216	2020271636	<u>B01D 5 /-</u>	2020250883	2020264889
2020236525	2020256258	<u>A61Q 1 /-</u>	2020271285	<u>B02C 2 /-</u>	<u>B23Q 11 /-</u>
2020240049	2020260105	2020254768	<u>B01D 53 /-</u>	2020250883	2020274440
2020250468	2020269504	<u>A61Q 11 /-</u>	2020270596	<u>B03C 5 /-</u>	<u>B24B 1 /-</u>
2020256991	2020275910	2020268727	2020369432	2020263374	2020426865
2020258452	<u>A61P 33 /-</u>	2020269152	<u>B01D 61 /-</u>	<u>B05B 5 /-</u>	<u>B24B 19 /-</u>
2020264808	2020241750	<u>A61Q 13 /-</u>	2020234694	2020270400	2020241059
2020270920	2020268618	2019444894	2020237461	<u>B07B 1 /-</u>	<u>B24B 49 /-</u>
<u>A61P 19 /-</u>	<u>A61P 35 /-</u>	<u>A61Q 15 /-</u>	<u>B01D 63 /-</u>	2020309544	2020241059
2020235617	2019437385	2019444894	2020237461	<u>B08B 9 /-</u>	<u>B25B 7 /-</u>
2020250468	2020231236	<u>A62C 37 /-</u>	<u>B01D 69 /-</u>	2020257880	2020272576
2020271636	2020234026	2020228019	2020237461	<u>B09B 1 /-</u>	<u>B25D 11 /-</u>
2020287733	2020235823	<u>A63B 69 /-</u>	<u>B01D 71 /-</u>	2020253874	2020257177
<u>A61P 21 /-</u>	2020237097	2020373995	2020237461	<u>B09B 3 /-</u>	<u>B25F 5 /-</u>
2020286380	2020238796	<u>A63F 13 /-</u>	<u>B01F 13 /-</u>	2020253874	2020257177
2020287733	2020241686	2020428058	2020253874	2020259338	2020274440
2020287907	2020242144	<u>A63G 21 /-</u>	<u>B01F 3 /-</u>	<u>B09C 1 /-</u>	<u>B25H 1 /-</u>
<u>A61P 25 /-</u>	2020242704	2020271548	<u>B01J 2 /-</u>	2020259338	2019440541
2020238177	2020243623	2020272050	2020254901	<u>B21D 11 /-</u>	<u>B25H 3 /-</u>
2020241611	2020249348	<u>A63G 27 /-</u>	<u>B01J 20 /-</u>	2020256680	2020251967
2020241626	2020251621	2020271548	2020287391	<u>B21D 13 /-</u>	<u>B25J 11 /-</u>
2020248337	2020252216	2020272050	<u>B01J 21 /-</u>	2020256680	2020231781
2020249421	2020254126	<u>A63G 31 /-</u>	2020287391	<u>B21D 5 /-</u>	2020261974
2020251023	2020256186	2020271548	<u>B01J 29 /-</u>	2020256680	<u>B25J 19 /-</u>
2020257625	2020256991	2020270888	2020254721	<u>B21D 7 /-</u>	2020231781
2020259406	2020257395	2020270917	2020287391	2020256680	<u>B25J 21 /-</u>
2020261051	2020258384	2020271855	<u>B01J 35 /-</u>	<u>B22F 3 /-</u>	2020257963
2020266289	2020258568	2020271908	2020369432	2020234484	2020261175
2020267329	2020260018	2020281332	<u>B01J 37 /-</u>	2020253392	<u>B25J 5 /-</u>
2020271636	2020260130	2020286959	2020287391	2020259131	2020231781
2021215262	2020261218	2020290916	<u>B01J 37 /-</u>	<u>B22F 5 /-</u>	2020261974
<u>A61P 27 /-</u>	2020269504	2020329057	<u>B01J 29 /-</u>	2020253392	<u>B25J 9 /-</u>
2020234713	2020270888	<u>A63G 9 /-</u>	2020254721	<u>B23B 45 /-</u>	2020231781
2020238177	2020270917	2020271548	2020287391	2020274440	2020261175
2020242704	2020271855	2020272050	<u>B01J 35 /-</u>	<u>B23B 51 /-</u>	2020300962
<u>A61P 29 /-</u>	2020271908	<u>A63J 25 /-</u>	2020369432	2020274440	2020259631
2020250468	2020281332	2020271548	<u>B01J 37 /-</u>	<u>B23B 51 /-</u>	
2020251621	2020286959	2020272050	2020287391		
2020275683	2020290916	<u>A63J 5 /-</u>	<u>B01J 8 /-</u>		
<u>A61P 3 /-</u>	2020329057	2020271548	2020259801		
2020234033	<u>A61P 37 /-</u>	2020272050	<u>B01L 3 /-</u>		
2020234713	2020255775	<u>B01D 1 /-</u>	2020241553		
2020235119	2020256991	2020240036	2020263374		
2020235617	2020269504	2020245529	2020284093		
2020235911	2020270888	2020264111	2020314729		
2020236023	2020270981	<u>B01D 15 /-</u>			
2020243426	2020272664	2020273144			
2020243454	<u>A61P 43 /-</u>	2020309307			
2020252005	2020240049				
2020256648	2020250468				
2020265664	2020271636				
2020270703	2020272664				
2020270981	2020287733				
2020271901	<u>A61P 7 /-</u>				
2020287907	2020240049				
2020293484	2020250468				
	2020271636				
	2020272664				
	2020287733				
	2020270981				
	2020271901				
	2020287907				
	2020293484				

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<u>B27N 3 /-</u>		<u>B61L 27 /-</u>	<u>B65D 81 /-</u>	<u>B66F 9 /-</u>	<u>C04B 28 /-</u>
2020259631	<u>B60B 21 /-</u>	2020245896	2019440196	2020273720	2020257953
	2020230559	2020267647			2020261666
<u>B29C 44 /-</u>			<u>B65G 21 /-</u>	<u>B67D 1 /-</u>	2020278817
2020248473	<u>B60B 33 /-</u>	<u>B62B 1 /-</u>	2020260017	2019439452	<u>C04B 40 /-</u>
	2020439384	2020234917	2020267383		
<u>B29C 45 /-</u>		<u>B62B 5 /-</u>	<u>B65G 23 /-</u>	<u>B82Y 5 /-</u>	2020278817
2020256188	<u>B60B 37 /-</u>	2020253625	2020271024	2020271957	<u>C04B 41 /-</u>
	2020439384				
<u>B29C 64 /-</u>		<u>B62D 35 /-</u>	<u>B65G 45 /-</u>	<u>C01B 17 /-</u>	2020257953
2020253418	<u>B60J 1 /-</u>	2019444491	2020260017	2020270596	<u>C05B 11 /-</u>
2020259122	2019444491				
2020259131		<u>B62K 23 /-</u>	<u>B65G 65 /-</u>	<u>C01B 3 /-</u>	2020288395
2020271078	<u>B60K 1 /-</u>	2020238004	2020251072	2020259801	<u>C05B 15 /-</u>
	2020253547		2020253874		
<u>B29C 71 /-</u>		<u>B62M 25 /-</u>	<u>B65G 67 /-</u>	<u>C01B 32 /-</u>	2020288395
2020271078	<u>B60L 50 /-</u>	2020238004	2020251072	2020254587	<u>C05C 11 /-</u>
	2020278159			2020256132	
<u>B29D 11 /-</u>	2020279510	<u>B62M 6 /-</u>	<u>B66C 11 /-</u>	2020256188	2020273106
2020253565		2020238004	2020254677	2020259801	<u>C05D 9 /-</u>
	<u>B60L 53 /-</u>			2020270596	
<u>B30B 11 /-</u>	2020253547	<u>B63B 1 /-</u>	<u>B66C 13 /-</u>	2020272993	2020288395
2020233458	2020278159		2020249181	<u>C01B 33 /-</u>	<u>C05F 11 /-</u>
		2020269935		2020242296	
<u>B32B 15 /-</u>	<u>B60L 58 /-</u>	<u>B63B 29 /-</u>	<u>B66C 17 /-</u>	2020287391	2020272591
2020220086	2020253547	2019440541	2020254677	<u>C01B 39 /-</u>	<u>C05F 17 /-</u>
	2020279510			2020287391	
<u>B32B 37 /-</u>	<u>B60L 9 /-</u>	<u>B63B 35 /-</u>	<u>B66C 19 /-</u>	<u>C02F 1 /-</u>	2020253874
2020252395	2020278159	2020269416	2020254677	2020240036	<u>C07C 13 /-</u>
	2020279510	2020269935		2020255049	2020271915
<u>B32B 5 /-</u>		<u>B63B 5 /-</u>	<u>B66C 23 /-</u>	2020264111	<u>C07C 217 /-</u>
2020248473	<u>B60M 1 /-</u>	2020269935	2020249181	2020272671	
	2020261974			2020273106	2020271915
<u>B33Y 10 /-</u>		<u>B63B 73 /-</u>	<u>B66C 25 /-</u>	2020285608	<u>C07C 219 /-</u>
2020259122	<u>B60P 1 /-</u>	2020269935	2020254677	<u>C02F 103 /-</u>	
2020259131	2020251072			2020285608	2020261419
		<u>B63H 20 /-</u>	<u>B66C 5 /-</u>		<u>C07C 227 /-</u>
<u>B33Y 30 /-</u>	<u>B60P 3 /-</u>	2020255330	2020254677	<u>C02F 5 /-</u>	2020248716
2020259122	2019444491	<u>B65D 21 /-</u>	<u>B66C 6 /-</u>	2019441168	<u>C07C 229 /-</u>
2020259131		2020251967	2020254677	<u>C03C 13 /-</u>	
	<u>B60S 1 /-</u>	2019445032	<u>B66C 7 /-</u>	2020262012	<u>C07C 237 /-</u>
<u>B33Y 50 /-</u>	<u>B60W 30 /-</u>	2020287070	2020254677	<u>C03C 3 /-</u>	2020248716
2020259122	2020237345			2020262012	
		<u>B65D 47 /-</u>	<u>B66F 1 /-</u>	2020262012	<u>C07C 253 /-</u>
<u>B41F 15 /-</u>	<u>B61D 15 /-</u>	2020255669	2020270776	<u>C04B 111 /-</u>	
2020257519	2020261175	<u>B65D 51 /-</u>		2020278817	2019438654
2020257980	2020261974	2019440196	<u>B66F 17 /-</u>		2019439041
2020259078			2020273720	<u>C04B 14 /-</u>	2019439692
2020259816	<u>B61D 27 /-</u>	<u>B65D 59 /-</u>		2020261666	<u>C07C 255 /-</u>
2020259973	2020339069	2020255669	<u>B66F 7 /-</u>		
		<u>B65D 65 /-</u>	2020261974	<u>C04B 22 /-</u>	2019438654
<u>B41F 23 /-</u>	<u>B61D 3 /-</u>	2020263830		2020261666	2019439041
2020257980	2020261175				2019439692
				2020261666	2020248716
<u>B60B 1 /-</u>					2020260130
2020230559					

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<u>C07C 27 /-</u>	<u>C07D 231 /-</u>	<u>C07D 403 /-</u>	<u>C07H 19 /-</u>	<u>C07K 7 /-</u>	<u>C09D 175 /-</u>
2020242332	2020243450	2020250468	2020258568	2020233966	2020252207
<u>C07C 271 /-</u>	2020269504	2020256991	2020261218	2020241963	
	2020272036		2020287733	2020266289	<u>C09D 181 /-</u>
2020261419	<u>C07D 233 /-</u>	<u>C07D 405 /-</u>	<u>C07H 21 /-</u>	2020272055	2020252395
<u>C07C 307 /-</u>	2020269504	2020265788	2020309307	<u>C08F 2 /-</u>	<u>C09D 191 /-</u>
2020269504	<u>C07D 239 /-</u>	2020271908		2020234517	2020263830
<u>C07C 309 /-</u>	<u>C07D 239 /-</u>	<u>C07D 407 /-</u>	<u>C07K 1 /-</u>	<u>C08F 220 /-</u>	<u>C09D 4 /-</u>
2020235823	2020252367	2020241750	2020253470	2020252207	2020276286
<u>C07C 311 /-</u>	2020256991	<u>C07D 409 /-</u>	2020261942	<u>C08F 290 /-</u>	<u>C09D 5 /-</u>
	2020257395		2020273144	2020252207	2020276286
2020251023	2020269504	2020250468	<u>C07K 14 /-</u>		2020276286
<u>C07C 313 /-</u>	<u>C07D 249 /-</u>	2020272036		<u>C08G 18 /-</u>	<u>C09J 11 /-</u>
	2020253385	<u>C07D 411 /-</u>	2020234063	2020252207	2020233571
2020244290	<u>C07D 251 /-</u>	2020241750	2020234780	2020263978	<u>C09J 181 /-</u>
<u>C07C 49 /-</u>	2020234097	<u>C07D 413 /-</u>	2020237097	<u>C08G 75 /-</u>	2020252395
	2020286959		2020238796	2020252395	<u>C09J 9 /-</u>
2020248716	2021207961	2020245349	2020243430	<u>C08G 85 /-</u>	2020233571
<u>C07C 57 /-</u>	<u>C07D 253 /-</u>	2020250468	2020253470	2020234517	<u>C09K 11 /-</u>
	2020269504	2020265648	2020255775	2020242332	2020233571
2020253578	<u>C07D 255 /-</u>	2021207961	2020256648	<u>C08J 11 /-</u>	<u>C09K 3 /-</u>
<u>C07C 59 /-</u>		<u>C07D 417 /-</u>	2020258384	2020242332	2020232699
	2020256682	2020262096	2020261942	<u>C08K 3 /-</u>	<u>C09K 5 /-</u>
2020253578	<u>C07D 261 /-</u>	2020264484	2020262096	2020239160	2020255032
<u>C07C 67 /-</u>	2020245349	2020265568	2020264484	2020242296	<u>C09K 8 /-</u>
	<u>C07D 263 /-</u>	2020266523	2020265568	2020276286	2019441168
2019439692	2020269504	2020270920	2020266523	<u>C08L 67 /-</u>	2020261666
2020242332	<u>C07D 277 /-</u>	2020271957	2020270920	<u>C08L 75 /-</u>	<u>C10B 19 /-</u>
2020273144	2020275683	2020272664	2020285636	2020256188	2020242296
<u>C07C 69 /-</u>	<u>C07D 295 /-</u>	2020274996	2020286382	<u>C08L 81 /-</u>	<u>C10B 53 /-</u>
	2020275683	2020285636	2020290014	2020263978	2020242296
2019439692	<u>C07D 297 /-</u>	2020286382	2020290014	<u>C08L 95 /-</u>	<u>C11B 9 /-</u>
<u>C07D 205 /-</u>	2020275683	2020293576	2020293576	2020252395	2020234109
	<u>C07D 307 /-</u>	2020440362	2020440362	<u>C08L 97 /-</u>	<u>C11D 1 /-</u>
2020250468	2020275683	<u>C07D 417 /-</u>	<u>C07K 16 /-</u>	2020263978	2020272127
2020261419	<u>C07D 309 /-</u>	2020260105		<u>C08L 97 /-</u>	<u>C11D 11 /-</u>
<u>C07D 207 /-</u>	2020275683	<u>C07D 491 /-</u>	2020234026	2020259631	2020259270
	<u>C07D 307 /-</u>	2020241626	2020241626	<u>C09D 133 /-</u>	2020272127
2020243426	2020261419	2020242704	2020242704	<u>C09D 143 /-</u>	<u>C11D 17 /-</u>
2020250468	<u>C07D 307 /-</u>	2020253455	2020253455		2020259270
2020251023	2020261419	2020253470	2020253470	2020252207	2020259463
2020261419	<u>C07D 307 /-</u>	2020258384	2020258384		
2020269504	<u>C07D 309 /-</u>	2020264484	2020264484		
<u>C07D 209 /-</u>	2020234097	2020265568	2020265568		
	<u>C07D 311 /-</u>	2020270888	2020270888		
2020253385	2020235112	2020270981	2020270981		
2020272055	2020254721	2020275908	2020275908		
<u>C07D 211 /-</u>	<u>C07D 333 /-</u>	2020285636	2020285636		
	2020269504	2020290916	2020290916		
2020243426	<u>C07D 401 /-</u>	2020329057	2020329057		
2020261419	2020243454	2021218069	2021218069		
<u>C07D 213 /-</u>	2020250468	<u>C07K 17 /-</u>	<u>C07K 17 /-</u>		
	2020253633	2020266289	2020266289		
2020260130		<u>C07K 19 /-</u>	<u>C07K 19 /-</u>		
2020269504		2020253470	2020253470		
		<u>C07K 5 /-</u>	<u>C07K 5 /-</u>		
		2020252216	2020252216		

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<u>C11D 3 /-</u>		<u>D06F 33 /-</u>	<u>E02D 27 /-</u>	<u>E05B 67 /-</u>	<u>F03D 17 /-</u>
2020259270	<u>C12N 7 /-</u>	2019445898	2020242596	2020260969	2019438487
2020272127	2020266523		2020268686		
	2020270960	<u>D06F 34 /-</u>	2020272706	<u>E05D 15 /-</u>	<u>F03D 7 /-</u>
<u>C12G 3 /-</u>	<u>C12N 9 /-</u>	2019445898	<u>E02D 5 /-</u>	2020389479	2019438487
2020234694	2020248337	<u>D06F 39 /-</u>	2020268686	<u>E05F 5 /-</u>	<u>F04D 25 /-</u>
	2020256258	2020276056		2020389479	2020257205
<u>C12H 3 /-</u>	2020256278	2020276828	<u>E02F 3 /-</u>		
2020234694	2020257898		2020233787	<u>E05G 1 /-</u>	<u>F04D 29 /-</u>
	2020270981	<u>D21H 11 /-</u>	2020257742	2020249188	2020245407
<u>C12M 1 /-</u>	2020274996	2020263830	<u>E02F 9 /-</u>	<u>E06B 1 /-</u>	2020257205
2020263374	<u>C12P 19 /-</u>		2020282145	2019438622	<u>F16B 13 /-</u>
2020290573	2020262931	<u>D21H 19 /-</u>	2020283021		2020235050
	<u>C12P 21 /-</u>	2020263830	2020285097	<u>E06B 5 /-</u>	
<u>C12M 3 /-</u>	2020252840	<u>D21H 21 /-</u>	<u>E03B 3 /-</u>	2020257963	<u>F16B 15 /-</u>
2020237461	<u>C12Q 1 /-</u>	2020263830	2020285608	<u>E21B 19 /-</u>	2020270619
	2020232755	<u>D21H 27 /-</u>	<u>E04B 1 /-</u>	2020271815	2021202679
<u>C12N 1 /-</u>	2020235823	2020263830	2020251195	<u>E21B 21 /-</u>	<u>F16B 39 /-</u>
2020263769	2020240138	<u>E01B 2 /-</u>	2020259716	2020261666	2020253402
2020272591	2020256258	2020245896	2020272706	<u>E21B 23 /-</u>	<u>F16B 5 /-</u>
	2020258310	<u>E01B 29 /-</u>	<u>E04B 2 /-</u>	2020254751	2021202679
<u>C12N 15 /-</u>	2020259847	2020261175	<u>E04B 5 /-</u>	<u>E21B 33 /-</u>	<u>F16C 35 /-</u>
2020234063	2020262931	<u>E01B 3 /-</u>	2020268686	2020254751	2020439384
2020234713	2020265577	2020245896	<u>E04B 9 /-</u>	<u>E21B 41 /-</u>	<u>F16F 15 /-</u>
2020235121	2020269887	<u>E01B 35 /-</u>	2020259716	2020244281	2020256913
2020237461	<u>C12R 1 /-</u>	2020241059	<u>E04B 9 /-</u>	2020253473	<u>F16F 6 /-</u>
2020238796	2020260716	2020261175	<u>E04B 9 /-</u>	<u>E21B 43 /-</u>	2020256913
2020239050	<u>C22B 3 /-</u>	2020245896	2020256680	2020244281	<u>F16H 7 /-</u>
2020239987	2020287391	<u>E01B 31 /-</u>	2020257953	2020254751	2020271024
2020240138	<u>C22B 7 /-</u>	2020241059	<u>E04C 2 /-</u>	<u>E21C 35 /-</u>	<u>F16J 15 /-</u>
2020241756	2020287391	2020261175	2020256680	2020237345	2020439384
2020241863	<u>C23F 11 /-</u>	2020245896	2020257953	<u>E21F 13 /-</u>	<u>F16K 15 /-</u>
2020242704	2019441168	<u>E01C 15 /-</u>	<u>E04F 21 /-</u>	2020251072	2020243824
2020243430	<u>C25B 11 /-</u>	2020268686	<u>E04G 21 /-</u>	<u>F01N 3 /-</u>	<u>F16K 17 /-</u>
2020245332	2020256132	<u>E01C 3 /-</u>	2020255669	2020369432	2020243824
2020245405	<u>C25B 3 /-</u>	2020268686	<u>E04G 25 /-</u>	<u>F02B 61 /-</u>	<u>F16K 24 /-</u>
2020247900	2020234517	<u>E01D 1 /-</u>	<u>E04H 12 /-</u>	2020255330	2020243824
2020248337	<u>C30B 33 /-</u>	2020268686	2020270776	<u>F02M 35 /-</u>	<u>F16K 3 /-</u>
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2020252840	<u>C40B 20 /-</u>	2020268686	2019471732	<u>F03D 13 /-</u>	<u>F16K 31 /-</u>
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2020256258	<u>C40B 40 /-</u>	2020234052	2020259907		
2020257898	2020248911	<u>E02B 1 /-</u>	<u>E04H 3 /-</u>		
2020260716	<u>D04B 1 /-</u>	2020285608	<u>E05B 65 /-</u>		
2020261051	2019440462		2020257963		
2020266523					
2020268798					
2020271073					
2020271530					
2020272980					
2020274996					
<u>C12N 5 /-</u>					
2020234063					
2020234780					
2020238796					
2020240049					
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2020242704					
2020243623					
2020249302					
2020252840					
2020253362					
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2020270703					

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2020327779	2019439816	2020254709 2020255976	<u>G01R 15 /-</u>	2020232675 2020237345 2020332001	
<u>F16L 3 /-</u>	<u>F25B 40 /-</u>	<u>G01M 17 /-</u>	2020250877		<u>G06N 20 /-</u>
2019453609	2019439816	2020256221	<u>G01R 19 /-</u>	<u>G05D 21 /-</u>	2020265577 2020272235
<u>F16L 53 /-</u>	<u>F25B 41 /-</u>	<u>G01M 3 /-</u>	2019434963 2020255976	2020262398	<u>G06N 3 /-</u>
2020244281	2019439816	2020253570	<u>G01R 21 /-</u>	<u>G05G 1 /-</u>	2020253570 2020272235 2020272936
<u>F16L 55 /-</u>	<u>F25B 43 /-</u>	<u>G01N 1 /-</u>	2020245353	2020238004	
2020255669 2020285608	2019439816	2020242931 2020284093	<u>G01R 22 /-</u>	<u>G06F 1 /-</u>	<u>G06Q 10 /-</u>
<u>F16N 13 /-</u>	<u>F25C 5 /-</u>	<u>G01N 15 /-</u>	2020245353 2020274843	2019436557	2020255407 2020263485
2021238896	2019440809	2020245529 2020284093 2020288819	<u>G01R 31 /-</u>	<u>G06F 11 /-</u>	<u>G06Q 20 /-</u>
<u>F16N 3 /-</u>	<u>F25J 1 /-</u>	<u>G01N 21 /-</u>	2020255976	2020264946 2020266496 2020267130 2020267132	2020230567 2020237499 2020258476 2020261046
2021238896	2019439816	<u>G01S 17 /-</u>	<u>G01S 17 /-</u>	<u>G06F 12 /-</u>	
<u>F17C 13 /-</u>	<u>F26B 3 /-</u>	2020237345 2020261259	2020237345 2020261259	2020262300	<u>G06Q 30 /-</u>
2020253893	2020245529	<u>G01S 19 /-</u>	<u>G01S 19 /-</u>	<u>G06F 15 /-</u>	2020231336 2020247162
<u>F21V 21 /-</u>	<u>F27B 5 /-</u>	2020267647	2020267647	2020254129	<u>G06Q 40 /-</u>
2020259907	2019434989	<u>G01S 7 /-</u>	<u>G01S 7 /-</u>	<u>G06F 16 /-</u>	2020256912
<u>F23C 6 /-</u>	<u>F28D 20 /-</u>	2020261259	2020261259	2019444436 2020248348 2020250158 2020272235 2020372605	<u>G06Q 50 /-</u>
2019434989	2020255032	<u>G01N 23 /-</u>	<u>G01V 15 /-</u>	2020252576	2020247162 2020253473 2020256749 2020426865
<u>F23C 99 /-</u>	<u>G01B 11 /-</u>	2020259413	2020255669	<u>G06F 17 /-</u>	<u>G06T 1 /-</u>
2020259338	2020288819	<u>G01N 27 /-</u>	<u>G02B 17 /-</u>	2020252576	2020283021
<u>F23G 7 /-</u>	<u>G01C 13 /-</u>	2019440869 2020269633 2020271630 2020271967 2020272117	2020259217	<u>G06F 21 /-</u>	<u>G06T 17 /-</u>
2020259338	2020232675	<u>G01N 29 /-</u>	<u>G02B 27 /-</u>	2020232980 2020237108 2020248348 2020261068 2020292156	2020237108
<u>F23N 1 /-</u>	<u>G01C 15 /-</u>	2020271630 2020271967 2020272117	<u>G02B 5 /-</u>	2020292156	<u>G06T 7 /-</u>
2019434989	2020285097	<u>G01N 3 /-</u>	2020256221 2020259217	<u>G06F 3 /-</u>	2020235624 2020237108 2020244084 2020253570 2020271307 2020272887 2020272936 2020277706 2020373995
<u>F23N 3 /-</u>	<u>G01D 21 /-</u>	2020242917	<u>G02B 7 /-</u>	2019437374 2019444436 2021240332	<u>G07B 15 /-</u>
2019434989	2019440869	<u>G01N 33 /-</u>	2019434706	<u>G06F 40 /-</u>	<u>G07C 9 /-</u>
<u>F23N 5 /-</u>	<u>G01D 4 /-</u>	2019438571 2019453229 2020235801 2020235823 2020241879 2020249617 2020258366 2020265577 2020269633 2020271073 2020284093 2020329057	<u>G03B 27 /-</u>	2020272235	2020249188
2019434989	2020274843	<u>G01N 3 /-</u>	<u>G03B 42 /-</u>	<u>G06F 9 /-</u>	<u>G08B 17 /-</u>
<u>F24C 15 /-</u>	<u>G01D 9 /-</u>	2020242917	2021231410	2019444436 2020241262 2020262300 2020271056 2020292156	
2020269292 2020271419	2019440869	2019438571 2019453229 2020235801 2020235823 2020241879 2020249617 2020258366 2020265577 2020269633 2020271073 2020284093 2020329057	<u>G03B 27 /-</u>	<u>G06K 9 /-</u>	2020270900
<u>F24C 7 /-</u>	<u>G01F 1 /-</u>	2020253418	2020253418	2020237108 2020259413	
2020269292 2020289696 2020305380	2020255330	<u>G03B 42 /-</u>	<u>G03B 42 /-</u>		
<u>F24F 1 /-</u>	<u>G01H 11 /-</u>	2021231410	2021231410		
2020251545	2020255976	<u>G03F 7 /-</u>	<u>G03F 7 /-</u>		
<u>F24F 13 /-</u>	<u>G01J 3 /-</u>	2020253418	2020253418		
2020251545	2020259413	<u>G05B 13 /-</u>	<u>G05B 13 /-</u>		
<u>F24F 13 /-</u>	<u>G01K 1 /-</u>	2020287176	2020287176		
2020251545	2020254709	<u>G01N 35 /-</u>	<u>G01N 35 /-</u>		
		2020263292	2020263292		

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<u>G08B 21 /-</u>	<u>H01B 7 /-</u>	<u>H02J 3 /-</u>	<u>H04L 29 /-</u>	<u>H04W 4 /-</u>	2020259973
2020272887	2020240976	2019438860	2020245205		<u>H05K 7 /-</u>
<u>G08B 29 /-</u>	<u>H01B 9 /-</u>	2020255032	2020248348	2020230567	
		2020274843	2020253473	2020254292	2020271285
2020270900	2020240976	<u>H02J 5 /-</u>	2020405102	2020255603	
<u>G08B 31 /-</u>	<u>H01F 6 /-</u>		<u>H04L 5 /-</u>	<u>H04W 40 /-</u>	
		2019438860		2020245205	
2020270900	2020250877	<u>H02J 50 /-</u>	2020265188		
<u>G09B 7 /-</u>	<u>H01G 11 /-</u>		2020268160	<u>H04W 52 /-</u>	
		2020248475	2020272506		
2020244826	2020256132	<u>H02J 7 /-</u>	<u>H04L 9 /-</u>	2020238420	
<u>G10L 13 /-</u>	<u>H01G 9 /-</u>		2020232980	<u>H04W 56 /-</u>	
		2020248475		2020255012	
2020242078	2020254587	2020255032	<u>H04M 3 /-</u>		
<u>G10L 15 /-</u>	<u>H01L 27 /-</u>	<u>H02K 11 /-</u>		<u>H04W 64 /-</u>	
			2020263485		
2019444436	2020263292	2020257177	<u>H04N 19 /-</u>	2020248195	
2019444630		<u>H02M 7 /-</u>		<u>H04W 68 /-</u>	
<u>G10L 19 /-</u>	<u>H01L 41 /-</u>		2020232109		
		2020257177	2020234409	2020248195	
2020233210	2021231410	<u>H02P 6 /-</u>	2020246735		
2020271965	<u>H01L 51 /-</u>		2020247242	<u>H04W 72 /-</u>	
<u>G10L 21 /-</u>		2020257177	2020261351		
	2020253966	<u>H02S 20 /-</u>	2020263199	2020248195	
2020271965	<u>H01M 10 /-</u>		2020270961	2020251616	
<u>G10L 25 /-</u>		2020232768	2020282086	2020251618	
	2020264696	2020269416	2020418848	2020268160	
2020271965	2020313619	<u>H02S 30 /-</u>	<u>H04N 21 /-</u>	<u>H04W 74 /-</u>	
<u>G16B 35 /-</u>	<u>H01M 4 /-</u>		2020245087		
		2020232768		2020240003	
2020241863	2020254587	<u>H03G 3 /-</u>	<u>H04N 5 /-</u>	2020267110	
	2020264696			<u>H04W 80 /-</u>	
<u>G16B 40 /-</u>	<u>H01R 13 /-</u>	2020254804	2020244084		
		<u>H03G 5 /-</u>	2020256221	2020230567	
2020265577	2020260969		<u>H04R 1 /-</u>	<u>H04W 84 /-</u>	
<u>G16H 10 /-</u>	<u>H02B 1 /-</u>	2020233210			
		<u>H03G 7 /-</u>	2020237446	2020245205	
2020260060	2020274843		2021229204	<u>H04W 88 /-</u>	
<u>G16H 20 /-</u>	<u>H02G 1 /-</u>	2020254804	<u>H04R 25 /-</u>		
		<u>H04B 1 /-</u>		2020254292	
2020260060	2020261914		2020254804	<u>H05B 1 /-</u>	
	2020261974	2020241308		2020289696	
<u>G16H 40 /-</u>	<u>H02G 3 /-</u>	2020311876	<u>H04R 3 /-</u>	2020305380	
		<u>H04B 7 /-</u>		<u>H05B 6 /-</u>	
2020260060	2020261914		<u>H04R 5 /-</u>		
<u>G21F 3 /-</u>	<u>H02G 9 /-</u>	2020241308	2020237446	2020289696	
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		<u>H04J 3 /-</u>	2020233210	2020273106	
2020257963	2020255976		<u>H04W 16 /-</u>	<u>H05K 1 /-</u>	
<u>H01B 1 /-</u>	<u>H02J 13 /-</u>	2020241632			
		<u>H04L 12 /-</u>	2020267110	2020250877	
2020254587	2019434963		<u>H04W 24 /-</u>	<u>H05K 3 /-</u>	
<u>H01B 3 /-</u>	2020274843	2020241632		2020250877	
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2020239160	<u>H02J 15 /-</u>	2020249188	<u>H04W 36 /-</u>	2020257980	
2020240976		2020271056		2020259078	
	2020255032		2020266435	2020259816	

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G02F 1/29 (2006.01)
H04J 14/02 (2006.01)
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C12N 9/14 (2006.01)
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C12R 1/01 (2006.01)
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C07D 217/04 (2006.01)
A61K 31/47 (2006.01)
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A61P 35/00 (2006.01)
C07D 209/14 (2006.01)
C07D 213/40 (2006.01)
C07D 213/64 (2006.01)
C07D 237/08 (2006.01)
C07D 239/34 (2006.01)
C07D 241/12 (2006.01)
C07D 261/08 (2006.01)
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C07D 241/12 (2006.01)
C07C 233/74 (2006.01)
C07D 213/54 (2006.01)
C07D 213/57 (2006.01)
C07D 213/74 (2006.01)

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 A61P 3/00 (2006.01)
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 (51) Int. Cl.
 B25H 3/02 (2006.01)
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 (74) Davies Collison Cave Pty Ltd

(71) XSB, Inc.
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 (51) Int. Cl.
 G06F 7/00 (2006.01)
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 (74) Shelston IP Pty Ltd.

(71) Yonsei University, University - Industry Foundation(UIF)
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 (51) Int. Cl.
 G16B 20/00 (2019.01)
 C12Q 1/6834 (2018.01)
 G16B 40/00 (2019.01)
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 (72) KIM, Sangwoo; KIM, Junho
 (74) Spruson & Ferguson

(71) Zhongshan Lande Electronics Co., Ltd.
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 (21) 2019382303 (22) 20.09.2019
 (54) LED flexible light bar
 (51) Int. Cl.
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 (31) 201920188844.1 (32) 10.02.19 (33) CN
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 (74) Collison & Co

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 (21) 2021209337 (22) 30.07.2021
 (54) REVISION KNEE ARTHROPLASTY METHODS AND INSTRUMENTS
 (51) Int. Cl.
 A61F 2/46 (2006.01)
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 (54) Load information interaction method and device, processor and storage medium
 (51) Int. Cl.
 H04W 28/08 (2009.01)
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 (21) 2019206672 (22) 12.01.2019
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 (51) Int. Cl.
 H04W 74/00 (2009.01)
 H04W 24/08 (2009.01)
 H04W 56/00 (2009.01)
 H04W 72/02 (2009.01)
 H04W 74/08 (2009.01)
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 (31) 62/617,073 (32) 12.01.18 (33) US
 (43) 18.07.2019
 (44) 04.11.2021
 (72) SVEDMAN, Patrick
 (74) Pizeys Patent and Trade Mark Attorneys Pty Ltd

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2014403832	Cepheid	2016337828	Guangdong Provincial Hospital of Chinese Medicine
2015207954	ADC Communications (Australia) Pty Limited	2016344702	Gamba, D.
2015230718	ikashmore Pty Ltd	2016347453	Hilti Aktiengesellschaft
2015248786	Juno Therapeutics GmbH	2016347643	Casale SA
2015268982	Stichting het Nederlands Kanker Instituut-Antoni van Leeuwenhoek Ziekenhuis; AIMM Therapeutics B.V.	2016349735	The Children's Hospital of Philadelphia
2015271697	Clinical Genomics Pty Ltd; Quest Diagnostics Investments Incorporated	2016349897	Regents of the University of Minnesota
2015274897	Genzyme Corporation	2016352852	Respinor AS
2015313264	Sumitomo Chemical Company, Limited; Riken	2016359565	Goldshtein, L.; Margolin, E.G.; Elgart, Y.; Goldshtein, M.
2015316909	Rijk Zwaan Zaadteelt en Zaadhandel B.V.	2016359632	VKR Holding A/S
2015318207	Regeneron Pharmaceuticals, Inc.	2016359665	Bayer HealthCare LLC
2015329959	Phico Therapeutics Ltd	2016361499	Memorial Sloan-Kettering Cancer Center
2015353521	Accelerated BioSciences Corp.	2016363995	OptaSense Inc.
2015364286	ARC BIO, LLC	2016364123	Giesecke+Devrient Currency Technology GmbH
2015364636	Board of Regents of the University of Nebraska; Ohio State Innovation Foundation	2016364932	President and Fellows of Harvard College
2015373326	Biopolis, S.L.	2016370772	InnovHeart S.r.l.
2015379642	UCB Biopharma SRL; Biogen MA Inc.	2016375338	Valneva Austria GmbH
2015407196	August Rüggeberg GmbH & Co. KG	2016381918	SSP Co., Ltd. Japan
2016201006	Eazy Azz Pty Ltd	2016387202	Fundación Imdea Agua
2016205974	Genmab A/S; BioNTech AG	2016393889	Raytheon Company
2016205977	Aduro Biotech Holdings, Europe B.V.	2016401619	Husqvarna AB
2016206475	City of Hope	2016404864	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)
2016210887	Prothena Biosciences Limited; University Health Network (UHN)	2016423788	Halliburton Energy Services, Inc.
2016210888	Prothena Biosciences Limited; University Health Network	2016424981	The a2 Milk Company Limited
2016213790	Honeywell International Inc.	2016427801	Kimberly-Clark Worldwide, Inc.
2016213956	The State of Israel, Ministry of Agriculture & Rural Development, Agricultural Research Organization (ARO) (Volcani Center)	2016428456	Guangdong Oppo Mobile Telecommunications Corp., Ltd.
2016214140	Queen Mary University of London	2017200333	The Boeing Company
2016222650	Cognitive Clarity Inc.	2017201125	2MT Mining Products Pty Ltd
2016229000	The Trustees of Columbia University in the City of New York; University of Massachusetts Medical Center	2017203738	Joy Global Surface Mining Inc
2016229294	BeyondSpring Pharmaceuticals, Inc.	2017204185	Seminis Vegetable Seeds, Inc.
2016229295	BeyondSpring Pharmaceuticals, Inc.	2017204580	Australian Minerals Research Pty Ltd
2016232146	Vrije Universiteit Brussel	2017205688	Ascendis Pharma Growth Disorders A/S
2016244188	The Boeing Company	2017206702	Revlon Consumer Products Corporation
2016252239	Romanenko, Ruslan; Parmanin, Alexandr; Ivoninskii, Aleksandr; Lisin, Svjatoslav	2017207450	Berkeley Lights, Inc.
2016252998	ATILA BIOSYSTEMS INCORPORATED	2017208884	Laitram, L.L.C.
2016253683	SG Gaming, Inc.	2017211032	Magic Leap, Inc.
2016254034	Texas Heart Institute; 7 Hills Interests LLC	2017214692	Epimab Biotherapeutics, Inc.
2016259450	Schneider Electric (Australia) Pty Limited	2017216120	Intell Properties B.V.
2016266441	Triomed AB	2017218908	GreenMantra Recycling Technologies Ltd.
2016271635	The Trustees of the University of Pennsylvania	2017219994	Afon Technology Limited
2016272449	BAE Systems plc	2017221623	Samsung Electronics Co., Ltd.
2016277647	Plastic Solutions Australia Pty Ltd	2017222925	Sunnybrook Research Institute
2016279130	Hubbell Incorporated	2017224107	Magic Leap, Inc.
2016289103	WOW Tech Canada Ltd	2017225254	Hager-Electro SAS
2016290898	Kortek Industries Pty Ltd	2017225510	Doosan Fuel Cell America, Inc.
2016293613	Blast Motion Inc.	2017225744	Keter Plastic Ltd.
2016295138	Ovid Therapeutics Inc.	2017226945	Applied Biomimetic A/S
2016305360	Seevix Material Sciences Ltd.	2017227554	C.R. Bard, Inc.
2016305485	Moore Management Company Pty Ltd	2017228307	Magic Leap, Inc.
2016308845	Southwire Company, LLC	2017228385	Vanderbilt University
2016310491	Pharmacadence Analytical Services, LLC	2017231035	Saipem S.p.A.
2016312629	Crane Security Technologies, Inc.; Visual Physics, LLC	2017234319	MSD Wellcome Trust Hilleman Laboratories Pvt. Ltd.
2016313609	Basf SE	2017235370	KSB SE & Co. KgaA
2016316427	Samsung Electronics Co., Ltd.	2017235986	Oticon Medical A/S
2016318112	Memorial Sloan-Kettering Cancer Center	2017236120	Schunk Bahn- und Industrietechnik GmbH
2016322703	Reckitt Benckiser (Brands) Limited	2017236354	WESTFALIA-Automotive GmbH
2016324692	Gallagher Group Limited	2017236390	DualSun (SAS)
2016325583	Secretary of State for Health and Social Care	2017239036	Puta, V.
2016329235	Lange Christian SA	2017239570	Ceres Tag Pty Ltd
2016331918	Metro International Biotech, LLC	2017240064	Gojo Industries, Inc.
		2017240592	Boehringer Ingelheim Animal Health USA Inc.
		2017240972	Qualcomm Incorporated
		2017243875	Opal Packaging Australia Pty Ltd
		2017246210	Qualcomm Incorporated
		2017247017	Noetic Technologies Inc.
		2017250016	CCL Secure Pty Ltd

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2017252443	King's College London; Vitrolabs Inc	2017390945	Ocado Innovation Limited
2017252616	Rohm and Haas Company	2017422125	Ingeteam Power Technology, S.A.
2017253669	Qualcomm Incorporated	2017429661	GUANGDONG OPPO MOBILE TELECOMMUNICA-TIONS CORP., LTD.
2017257514	Mintek	2017435232	Huawei Technologies Co., Ltd.
2017257930	De Nora Permelec Ltd	2017440899	Huawei Technologies Co., Ltd.
2017258272	Fugro N.V.	2018202693	Bathroom Products Australia Pty Ltd
2017258937	Dow Global Technologies LLC; Rohm and Haas Com-pany	2018208035	Laviosa Chimica Mineraria SpA
2017259616	ViCentra B.V.	2018209164	Heparegenix GmbH
2017260080	The Johns Hopkins University; Oregon Health & Sci-ence University	2018210739	Alekseev, A.; Dukhovlinov, I.
2017260335	McCormick & Company, Incorporated	2018211310	Adobe Inc.
2017260374	Calico Life Sciences LLC; AbbVie Inc.	2018215222	Saudi Arabian Oil Company
2017260879	Accurate Medical Therapeutics Ltd.	2018215726	Novartis AG; Intellia Therapeutics, Inc.
2017261336	Calico Life Sciences LLC; AbbVie Inc.	2018217368	Dentsply DeTrey GmbH
2017261839	The Australian National University	2018221379	Sandoz AG
2017262264	Qualcomm Incorporated	2018238102	Caldan Therapeutics Limited
2017262773	Qualcomm Incorporated	2018251209	Arizona Board of Regents on Behalf of The University of Arizona; The United States of America as Represen-ted by The Department of Veterans Affairs
2017263630	The Johns Hopkins University	2018252172	Italfarmaco S.p.A.
2017267728	Alere San Diego, Inc.	2018257332	Takeda Pharmaceutical Company Limited
2017267735	Nanosys, Inc.	2018265241	argenx BVBA; Université Catholique de Louvain
2017268041	Iluka Resources Limited	2018271147	Verrall, J.
2017271946	Wayne Fueling Systems LLC	2018272017	Kite Pharma, Inc.
2017272137	International Animal Health Products Pty Ltd	2018280344	Schenck Process Australia Pty Limited
2017273863	Massachusetts Institute of Technology	2018280778	Geberit International AG
2017276670	Société des Produits Nestlé S.A.	2018282018	Sami Labs Limited
2017281285	Incyte Corporation	2018285731	argenx BVBA; University of Bern
2017282677	Mölnlycke Health Care AB	2018288619	Raytheon Company
2017284202	Biogen MA Inc.	2018294472	Huawei Technologies Co., Ltd.
2017286653	Denali Therapeutics Inc.	2018298056	Baker Hughes Holdings, LLC
2017291295	Marshall, J.	2018302334	Novelis Inc.
2017292029	Qualcomm Incorporated	2018303328	Tunra Ltd.
2017294572	Université Côte d'Azur; INSERM (Institut National de la Santé et de la Recherche Médicale); Centre National de la Recherche Scientifique - CNRS -; CHU de Nice	2018305812	Würth International AG
2017301462	Qualcomm Incorporated	2018309004	Cricut, Inc.
2017301880	Juno Therapeutics, Inc.	2018309700	The Feinstein Institutes For Medical Research
2017302182	Lupin Limited	2018312365	Boston Electrometallurgical Corporation
2017302650	Rovi Guides, Inc.	2018315982	Yonsei University, University - Industry Foundation(UIF)
2017303974	FUNDACIÓ PRIVADA INSTITUT DE RECERCA DE LA SIDA – CAIXA	2018326105	LG Electronics Inc.
2017310424	Exactech, Inc.	2018326136	Siemens Mobility GmbH
2017311203	A.L.M Holding Company; Ergon Asphalt & Emulsions, Inc.	2018329413	National Oilwell Varco Norway AS
2017314690	Samsung Electronics Co., Ltd.	2018329459	SharkNinja Operating LLC
2017316567	Moffat, B.; Sheldon-Coulson, G.	2018332432	Classsys Inc.
2017321099	Qualcomm Incorporated	2018334386	Phoenix Biotechnology, Inc.
2017323632	Meduloc, LLC	2018337150	Baoshan Iron & Steel Co., Ltd.; China Baowu Steel Group Corporation Limited
2017328259	Soreq Nuclear Research Center; Security Matters Ltd.	2018340369	PetroChina Company Limited
2017331345	Plexxikon Inc.	2018340981	ZTE Corporation
2017335205	Janssen Sciences Ireland Unlimited Company	2018341693	PedalCell, LLC
2017335607	Qualcomm Incorporated	2018346776	Biomason, Inc.
2017339404	Qualcomm Incorporated	2018351962	Apple Inc.
2017340270	Qualcomm Incorporated	2018357134	Dainichiseika Color & Chemicals MFG. Co., Ltd.
2017341999	Isocure Biosciences Inc.	2018364675	Biocompatibles UK Limited
2017342170	Security Matters Ltd.; Soreq Nuclear Research Center	2018365717	Superconducting Sensor Technology Corporation; Ja-pan Oil, Gas and Metals National Corporation; Mitsui Mineral Development Engineering Co., Ltd.
2017343990	Microsoft Technology Licensing, LLC	2018369563	ACO Severin Ahlmann GmbH & Co Kommanditgesell-schaft
2017345042	Halliburton Energy Services, Inc.	2018384552	Colgate-Palmolive Company
2017352947	GRST International Limited	2018385310	Gates Corporation
2017354721	Sharp Kabushiki Kaisha; FG Innovation Company Lim-ited	2018387286	WBV Weisenburger Bau+Verwaltung GmbH
2017357653	Hovione Scientia Limited	2018389418	Nippon Telegraph and Telephone Corporation
2017358245	Dalian Rongkepower Co., Ltd	2018389637	Inventio AG
2017358604	7Tunnels, Inc.	2018402959	Toyota Boshoku Kabushiki Kaisha
2017359017	Microsoft Technology Licensing, LLC	2018415261	The Procter & Gamble Company
2017361118	Baraja Pty Ltd	2018422303	Boly Media Communications (Shenzhen) Co., Ltd.
2017361906	Elisa Oyj	2018423670	Essity Hygiene and Health Aktiebolag
2017363265	Dana-Farber Cancer Institute, Inc.	2019201399	Samson Clinical Pty Ltd
2017367640	Magic Leap, Inc.	2019203433	Glycosyn LLC
2017379072	Magic Leap, Inc.	2019203589	Chr. Hansen A/S
2017383090	VBreathe Pty Ltd	2019204944	PIRAINO, M.
2017388277	Globachem NV		

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2019205103	Hahn-Schickard-Gesellschaft für angewandte forschung e.V.; GS Elektromedizinische Geräte G. Stemple GmbH	2019378253	Higgins, C.
2019205297	Urschel Laboratories, Inc.; PepsiCo, Inc.	2019382303	Zhongshan Lande Electronics Co., Ltd.
2019206672	ZTE Corporation	2019384814	Buffalo Filter LLC
2019209832	Eyenovia, Inc.	2019399772	Ascentage Pharma (Suzhou) Co., Ltd.; Ascentage Pharma Group Corp Limited
2019212621	RTC Industries, Inc.	2019419889	Intuit Inc.
2019216654	AutoPacific Australia Pty Ltd	2019422210	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.
2019222745	Evonik Operations GmbH		Morello, S.
2019225223	Becton, Dickinson and Company	2019423485	China University of Mining and Technology
2019226241	Dispensing Technologies B.V.	2019429806	Citrix Systems, Inc.
2019227081	SP Press IP Pty Ltd	2019433629	Sungrow Power Supply Co., Ltd.
2019227250	Novartis AG	2019435043	Wacker Chemie AG
2019234146	Telefonaktiebolaget LM Ericsson (publ)	2019440118	Nantong University
2019234804	ENEOS Corporation	2019445928	Qingdao University of Technology; Inner Mongolia University for Nationalities
2019236699	Aristocrat Technologies Australia Pty Limited	2019447663	The Trustees of the University of Pennsylvania
2019236768	TLV Co.,Ltd.	2020200315	Huawei Technologies Co., Ltd.
2019237980	Rosemount Inc	2020200443	Spookfish Innovations Pty Ltd
2019245343	iUNU, Inc.	2020200592	LG Electronics Inc.
2019245874	Komatsu Ltd.	2020200641	Hologic, Inc.
2019249872	Fraunhofer-Gesellschaft Zur Förderung Der Angewandten Forschung E.V.	2020200835	Financial & Risk Organisation Limited
		2020200880	Google LLC
2019249989	Huawei Technologies Co., Ltd.	2020200889	Akebia Therapeutics, Inc.
2019250151	Stryker Corporation	2020200903	Lummus Technology LLC
2019250176	Blick, D.B.	2020201017	Google LLC
2019250270	Minetek Investments Pty Ltd	2020201056	W. L. Gore & Associates, Inc.
2019253406	Dainihon Jochugiku Co., Ltd.	2020201076	ETHICON ENDO-SURGERY, INC.
2019253779	FISHER & PAYKEL HEALTHCARE LIMITED	2020201165	The NOCO Company
2019257033	Kawasaki Jukogyo Kabushiki Kaisha	2020201222	CoLabs Medical, Inc.
2019257287	Becton, Dickinson and Company	2020201241	Hewlett-Packard Development Company, L.P.
2019257504	MAKO Surgical Corp.	2020201487	Air Products and Chemicals, Inc.
2019257518	Snap-on Incorporated	2020201573	Implantica Patent Ltd
2019257544	Kyndi, Inc.	2020201667	Anglo American Services (UK) Ltd
2019257690	Wing Aviation LLC	2020201675	Illumina, Inc.
2019259363	Kawasaki Jukogyo Kabushiki Kaisha	2020201778	Allergan, Inc.
2019261759	Artio Medical, Inc.	2020201840	Altopa, Inc.
2019262086	Camarena-Vazquez, G.	2020201872	Siemens Mobility GmbH
2019262940	PureWick Corporation	2020201978	Fisher & Paykel Healthcare Limited
2019264523	Advanced Elemental Technologies, Inc.	2020202106	Thales DIS France SA
2019264651	XSB, Inc.	2020202542	Equifax Inc.
2019267357	Northrop Grumman Systems Corporation	2020202671	JVCKENWOOD Corporation
2019267827	K2M, Inc.	2020203491	Ab Initio Technology LLC
2019268139	Minerva Surgical, Inc.	2020203790	Adobe Inc.
2019268187	BITZER Kuehlmaschinenbau GmbH	2020203829	Qualcomm Incorporated
2019271821	Baoshan Iron & Steel Co., Ltd.	2020203875	Channel Medsystems, Inc.
2019272042	MilMedx Group, Inc.	2020204164	Arena Pharmaceuticals, Inc.
2019272925	Bühler AG	2020204190	Rusoh, Inc.
2019273754	Nicoventures Trading Limited	2020204207	MAKO Surgical Corp
2019275457	Illumina, Inc.	2020204226	Covidien LP
2019275661	SKINPROTECT CORPORATION SDN BHD	2020204349	Victaulic Company
2019277225	D.T. Davis Enterprises, Ltd.	2020204587	Mitsubishi Power, Ltd.
2019283848	Bathroom Products Australia Pty Ltd	2020204619	LINDSAY TRANSPORTATION SOLUTIONS, INC.
2019283856	F. Hoffmann-La Roche AG	2020205222	Canon Kabushiki Kaisha
2019283880	CORDIS CORPORATION	2020205263	Intradin (Shanghai) Machinery Co., Ltd.
2019284072	Caroma Industries Limited; micas AG	2020205358	Rocket Innovations, Inc.
2019284797	Aleris Rolled Products Germany GmbH	2020207861	Tripod Nano Technology Corporation
2019286119	Askvik Aqua AS	2020210134	Scholar Rock, Inc.
2019292724	Telefonaktiebolaget LM Ericsson (Publ)	2020210235	FUJIFILM Business Innovation Corp.
2019292928	Advanced New Technologies Co., Ltd.	2020213274	Bionime Corporation
2019299123	Ricoh Company, Ltd.	2020213380	Alarm.Com Incorporated
2019302320	Raytheon Company	2020219493	Rushdi Food Industries Ltd.
2019302963	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	2020219946	Higgins, C.
		2020220107	SWIMC LLC
2019304436	Schenck Process Europe GmbH	2020220126	Google LLC
2019311591	Arc Medical Devices Inc.	2020220188	Beijing Xiaomi Mobile Software Co., Ltd.; Beijing Roborock Technology Co., Ltd
2019316602	Truma Gerätetechnik GmbH & Co. KG	2020223672	Agricultural Products Processing Research Institute, Chinese Academy of Tropical Agricultural Sciences
2019323871	Eiden Co., Ltd.		Harbin Medical University
2019325272	Truma Gerätetechnik GmbH & Co. KG		Batelle Memorial Institute
2019327295	Innowell Solutions AS		
2019334570	ABB Schweiz AG		
2019336505	SAUER, T.		
2019336986	Medacta International SA		
2019354556	Winter Innovations, Inc.		

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2020230284 BEIJING Baidu NETCOM SCIENCE AND TECHNO-
LOGY CO., LTD.
2020239614 BOE Technology Group Co., Ltd.; Beijing BOE Techno-
logy Development Co., Ltd.
2020239693 Apple Inc.
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2020239747 Apple Inc.
2020244610 Axsome Therapeutics, Inc.
2020254304 Deep Isolation, Inc.
2020256300 Heraeus Medical GmbH
2020256303 ENLIGHTEN AUSTRALIA PTY LTD
2020257028 Netzsch-Feinmahltechnik GmbH
2020260377 Qingdao University of Technology
2020264328 DRAEGER SAFETY AG & CO. KGAA
2020273291 MARS BIOIMAGING LIMITED
2020273305 Pall Corporation
2020277085 Align Technology, Inc.
2020277132 AFT PHARMACEUTICALS LIMITED
2020281055 Google LLC
2020281141 Biomedical Enterprises, Inc.
2020286197 Qingdao Institute of Marine Geology
2020294315 NTT DOCOMO, INC.
2020294337 The Walter and Eliza Hall Institute of Medical Research
2020353103 Traktionssysteme Austria GmbH
2021200580 BP Corporation North America Inc.
2021201403 Apple Inc.
2021201464 Binary Beer Pty Ltd
2021204745 Opus Medical Therapies, LLC
2021204755 Schneider Electric USA, Inc.
2021209337 Zimmer, Inc.
2021212149 TELECOMIT PTY LTD

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2017240064	2017260335	2020257028	2017310424	2016289103	2016424981
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2017388277	2019273754	A47L 15 /-	2019257504	A61J 1 /-	A61K 38 /-
2019253406	A41D 19 /-	A47L 9 /-	2020213274	2016266441	2016206475
2020200903	2019275661	A47L 17 /-	2020273291	2020201840	2016229000
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A01N 63 /-	A46B 15 /-	A61B 10 /-	A61B 8 /-	2019336505	2016424981
2016361499	2018384552	2016329235	2016352852	A61J 1 /-	2017301880
2019272042	A46B 5 /-	2018329459	2017222925	2016266441	2019201399
A01N 65 /-	A46B 9 /-	A61B 17 /-	A61B 90 /-	2020201840	2020294337
2016361499	2018384552	2017260879	2017222925	A61K 31 /-	A61K 39 /-
2017240064	A47C 1 /-	2017310424	2018332432	2016229294	2016205977
A01P 1 /-	A47C 13 /-	2017323632	2018364675	2016229295	2016206475
2017240064	2019336505	2019250151	2019354556	2016254034	2016210887
A01P 17 /-	A47C 23 /-	2019257504	A61C 17 /-	2016295138	2016214140
2019253406	2019336505	2019267827	2018384552	2016331918	2016254034
A21B 5 /-	A47C 27 /-	2019268139	A61C 7 /-	2016349735	2016325583
2016201006	2019336505	2019336986	2020277085	2016381918	2016349897
A22C 29 /-	A47C 31 /-	2019354556	A61F 13 /-	2017228385	2016375338
2016201006	2019204944	2020204226	2017282677	2016331918	2017214692
A23C 19 /-	A47C 31 /-	2020256300	A61F 17 /-	2016349735	2017303974
2019203589	2019204944	2020281141	2017282677	2016381918	2018265241
A23J 1 /-	A47C 31 /-	2021204745	A61F 2 /-	2017228385	2018285731
2019203589	2019204944	2021209337	2016370772	2017260374	2020210134
A23J 1 /-	A47C 31 /-	A61B 18 /-	2017310424	2017286653	2020294337
2019203589	2019204944	2018332432	2019257504	2017294572	A61K 47 /-
A23J 1 /-	A47C 31 /-	2018364675	2019261759	2017302182	2016381918
2019268139	2019204944	2019268139	2019354556	2017331345	2017205688
		2020204226	2020201076	2017335205	2017234319
		2020256300	2020201667	2017341999	2020201778
		2020281141	2021204745	2017363265	2020244610
		2021204745	2021209337	2018209164	2020277132
		A61B 18 /-	A61F 5 /-	2018210739	A61K 48 /-
		2018332432	2019262940	2018215726	2015364636
		2018364675		2018221379	2016229000
		2019268139		2018238102	2016232146
				2018251209	2020200315
				2018252172	A61K 51 /-
				2018257332	2017260080
				2018334386	2017263630
				2019201399	
				2019209832	
				2019227250	
				2019311591	
				2019399772	
				2020200903	

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<u>A61K 6 /-</u>	<u>A61N 1 /-</u>	<u>A61P 35 /-</u>	<u>B01D 17 /-</u>	<u>B05B 1 /-</u>	<u>B29C 35 /-</u>
2018217368	2018309700	2016229294	2020201675	2016322703	2016244188
<u>A61K 8 /-</u>	<u>A61N 7 /-</u>	2016229295	<u>B01D 29 /-</u>	<u>B05B 11 /-</u>	<u>B29C 41 /-</u>
2016318112	2017222925	2017260374	2020273305	2019226241	2019275661
2017206702		2017281285	<u>B01D 46 /-</u>	<u>B05C 17 /-</u>	<u>B29C 70 /-</u>
2017240064	<u>A61P 1 /-</u>	2017286653	2017383090	2020256300	2016244188
2018357134	2016424981	2017294572	<u>B01D 53 /-</u>	<u>B07B 1 /-</u>	<u>B30B 9 /-</u>
2018415261	2018209164	2017302182	2016347643	2018280344	2019227081
<u>A61K 9 /-</u>	2020204164	2017341999	<u>B01D 59 /-</u>	<u>B09B 3 /-</u>	<u>B31F 1 /-</u>
2016222650	<u>A61P 11 /-</u>	2018252172	2016310491	2017204580	2017243875
2016361499	2016271635	2020204164	<u>B01D 61 /-</u>	2021212149	<u>B32B 19 /-</u>
2016381918	2018251209	2020277132	2017226945	<u>B21B 1 /-</u>	2021212149
2019201399	2018257332	2020294337	2020227111	2018302334	<u>B32B 25 /-</u>
2019209832	<u>A61P 17 /-</u>	<u>A61P 41 /-</u>	<u>B01F 13 /-</u>	<u>B21B 37 /-</u>	2019275661
2020201778	2016337828	2019311591	2020257028	2018302334	<u>B32B 29 /-</u>
2020207861	2017302182	<u>A61P 5 /-</u>	<u>B01F 3 /-</u>	<u>B21C 47 /-</u>	2017243875
2020277132	2019201399	2020204164	2018303328	2016308845	<u>B32B 3 /-</u>
<u>A61L 9 /-</u>	2020277132	<u>A61P 7 /-</u>	<u>B01F 5 /-</u>	<u>B22F 3 /-</u>	2021212149
2017383090	<u>A61P 19 /-</u>	2018215726	2018303328	2017235370	<u>B32B 5 /-</u>
<u>A61M 1 /-</u>	2017205688	2020204164	<u>B01J 2 /-</u>	<u>B23B 31 /-</u>	2021212149
2016266441	2017302182	<u>A61P 9 /-</u>	2017268041	2016308845	<u>B32B 9 /-</u>
2019384814	2019399772	2020204164	<u>B01J 20 /-</u>	<u>B23P 15 /-</u>	2021212149
<u>A61M 11 /-</u>	<u>A61P 21 /-</u>	<u>A61P 9 /-</u>	2016266441	2017345042	<u>B42D 25 /-</u>
2019209832	2020210134	2018210739	<u>B01J 23 /-</u>	<u>B24D 13 /-</u>	2016312629
2019273754	<u>A61P 25 /-</u>	2018257332	2020201017	2015407196	2016364123
<u>A61M 15 /-</u>	2016222650	2020204164	<u>B01J 35 /-</u>	<u>B24D 3 /-</u>	2017250016
2019209832	2016229000	<u>A61Q 11 /-</u>	2020201017	<u>B25B 9 /-</u>	<u>B43K 8 /-</u>
2019273754	2016271635	2018415261	<u>B01L 3 /-</u>	2015407196	2020205358
<u>A61M 16 /-</u>	2016295138	<u>A61Q 19 /-</u>	2019225223	<u>B25H 1 /-</u>	<u>B60D 1 /-</u>
2019253779	2017286653	2017240064	<u>B02C 17 /-</u>	2019257518	2017236354
2020201241	2017331345	2018357134	2020257028	2019216654	<u>B60K 26 /-</u>
2020201978	2018210739	<u>A61Q 3 /-</u>	<u>B02C 4 /-</u>	2016401619	2020205263
<u>A61M 25 /-</u>	2018252172	2017206702	2019272925	<u>B25H 3 /-</u>	<u>B60L 5 /-</u>
2019445928	2018252172	<u>A62C 13 /-</u>	<u>B02C 7 /-</u>	2017225744	2017236120
2017227554	<u>A61P 27 /-</u>	2020204190	<u>B02D 1 /-</u>	2018305812	<u>B60L 50 /-</u>
2017260879	2018252172	<u>A63B 21 /-</u>	<u>B03B 7 /-</u>	<u>B26D 1 /-</u>	<u>B60R 13 /-</u>
2019283880	2020204164	2019323871	2020201675	2019205297	
2020201076	2020244610	<u>A63F 13 /-</u>	<u>B03D 1 /-</u>	2019447663	
<u>A61M 29 /-</u>	<u>A61P 3 /-</u>	2016253683			
2019283880	2017331345	<u>A63G 31 /-</u>			
<u>A61M 3 /-</u>	2018238102	2016252239			
2019268139	2020204164	<u>B01D 1 /-</u>			
<u>A61M 31 /-</u>	<u>A61P 31 /-</u>	2016359565			
2019268139	2017335205	<u>B01D 17 /-</u>			
<u>A61M 39 /-</u>	2018221379	<u>B01D 29 /-</u>			
2015230718	2019227250	<u>B01D 46 /-</u>			
2016359665	2020294337	<u>B01D 53 /-</u>			
<u>A61M 5 /-</u>		<u>B01D 59 /-</u>			
2016359665		<u>B01D 61 /-</u>			

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<u>B60R 16/-</u>	<u>B63C 11/-</u>	<u>B65D 85/-</u>	<u>C07C 233/-</u>	<u>C07D 249/-</u>	2018252172
2020201222	2017231035	2016201006	2017261336	2018252172	<u>C07D 453/-</u>
<u>B60R 19/-</u>	2019257033	<u>B65G 15/-</u>	<u>C07C 273/-</u>	<u>C07D 257/-</u>	2017357653
2018329459	2019259363	2017208884	2018346776	2018252172	<u>C07D 471/-</u>
<u>B60T 7/-</u>	<u>B63C 9/-</u>	<u>B65H 75/-</u>	<u>C07C 277/-</u>	<u>C07D 261/-</u>	2017260374
2020205263	2019262086	2016308845	2018210739	2017260374	2017341999
<u>B61F 5/-</u>	<u>B63G 8/-</u>	<u>B66B 1/-</u>	<u>C07C 279/-</u>	2017261336	2018252172
2020260377	2017231035	2018389637	2018210739	<u>C07D 263/-</u>	<u>C07D 487/-</u>
<u>B61F 9/-</u>	<u>B64C 11/-</u>	<u>B66C 13/-</u>	<u>C07C 5/-</u>	2017260374	2017281285
2020260377	2019257690	2018329413	2020201017	<u>C07D 271/-</u>	2017286653
<u>B61L 1/-</u>	<u>B64C 27/-</u>	<u>B67D 1/-</u>	<u>C07D 207/-</u>	2017260374	2017331345
2016363995	2020213380	2021201464	2017267728	2018252172	2017363265
2019304436	<u>B64C 29/-</u>	<u>B82Y 30/-</u>	<u>C07D 209/-</u>	<u>C07D 277/-</u>	2018257332
2020201872	2019257690	2020207861	2017228385	2017260374	2019222750
<u>B61L 15/-</u>	<u>B64C 39/-</u>	<u>C01B 19/-</u>	2017260374	2017261336	<u>C07D 491/-</u>
2018326136	2019257690	2020207861	2020204164	<u>C07D 307/-</u>	2017286653
<u>B61L 23/-</u>	2020213380	<u>C01B 33/-</u>	<u>C07D 211/-</u>	2017260374	<u>C07D 495/-</u>
2020201872	<u>B64D 1/-</u>	2019440118	2017357653	2017261336	2018252172
<u>B61L 25/-</u>	2016393889	<u>C02F 1/-</u>	<u>C07D 213/-</u>	<u>C07D 401/-</u>	<u>C07D 498/-</u>
2016363995	<u>B64D 23/-</u>	2016359565	2017260080	2017286653	2017286653
<u>B61L 27/-</u>	2016252239	2019222745	2017260374	2017363265	2018221379
2018326136	<u>B64D 37/-</u>	2019286119	2017261336	2017388277	2019222750
2019304436	2016393889	<u>C02F 101/-</u>	<u>C07D 215/-</u>	2018238102	<u>C07D 513/-</u>
<u>B61L 3/-</u>	<u>B65B 13/-</u>	2019222745	2017294572	2018252172	2017281285
2019304436	2019227081	2019222745	2017363265	<u>C07D 403/-</u>	2017302182
<u>B61L 5/-</u>	<u>B65B 25/-</u>	<u>C02F 103/-</u>	<u>C07D 217/-</u>	2017286653	<u>C07F 9/-</u>
2020201872	2018423670	2020201675	2018238102	2017331345	2017335205
<u>B63B 1/-</u>	<u>B65B 27/-</u>	<u>C04B 14/-</u>	<u>C07D 231/-</u>	2017363265	<u>C07H 1/-</u>
2019262086	2019227081	2018346776	2017260374	2017388277	2017284202
<u>B63B 32/-</u>	<u>B65B 63/-</u>	<u>C04B 20/-</u>	2017331345	2018238102	<u>C07H 19/-</u>
2018387286	2018423670	2018346776	<u>C07D 233/-</u>	2018252172	2016331918
<u>B63B 34/-</u>	<u>B65D 35/-</u>	<u>C04B 26/-</u>	2017331345	<u>C07D 407/-</u>	<u>C07K 14/-</u>
2019262086	2016347453	2017311203	<u>C07D 237/-</u>	2017331345	2016305360
<u>B63B 35/-</u>	<u>B65D 43/-</u>	<u>C04B 28/-</u>	2017260374	<u>C07D 409/-</u>	2016325583
2019262086	2020201978	2018346776	2017261336	2017388277	2016375338
<u>B63B 45/-</u>	<u>B65D 81/-</u>	<u>C07C 2/-</u>	<u>C07D 239/-</u>	2018252172	2017301880
2019259363	2016201006	2020201017	2017260374	2017286653	2017303974
<u>B63B 49/-</u>	2016347453	<u>C07C 203/-</u>	2017335205	2017388277	<u>C07K 16/-</u>
2019259363	2020219493	2016349735	2017388277	<u>C07D 413/-</u>	2015379642
	<u>B65D 83/-</u>		<u>C07D 241/-</u>	2017286653	2016205974
	2016322703		2017260374	2017263630	2016205977
			2017261336	2017286653	2016210887
					2016210888
					2016214140
					2017207450
					2017214692
					2018251209
					2018265241
					2018285731

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2020210134		2017272137		<u>D21F 11 /-</u>	2021212149
2020294337	<u>C08L 9 /-</u>	2018282018	<u>C21D 6 /-</u>	2016427801	<u>E04F 15 /-</u>
<u>C07K 19 /-</u>	2019275661	2019203433	2017235370	<u>D21H 11 /-</u>	2021212149
2017214692	<u>C08L 91 /-</u>	<u>C12N 15 /-</u>	<u>C21D 8 /-</u>	2016427801	<u>E04F 17 /-</u>
<u>C07K 7 /-</u>	2017218908	2015271697	2019271821	<u>D21H 17 /-</u>	2018369563
2017311203	2017311203	2015313264		2017243875	<u>E04F 21 /-</u>
2016349897	<u>C08L 95 /-</u>	2015316909	<u>C22B 3 /-</u>	<u>D21H 21 /-</u>	2019250176
<u>C08B 37 /-</u>	2017218908	2015364636	2016313609	2017243875	<u>E04G 21 /-</u>
2019311591	2017311203	2016232146	<u>C22B 59 /-</u>	<u>D21H 27 /-</u>	2016277647
<u>C08C 1 /-</u>	<u>C09C 1 /-</u>	2016305360	2017257514	2016427801	2019250176
2020223672	2017268041	2018215726	<u>C22C 21 /-</u>	2018423670	<u>E04H 17 /-</u>
<u>C08F 220 /-</u>	<u>C09D 11 /-</u>	2018251209	2019284797	2020205358	2016324692
2017261839	2020205358	2019203589	<u>C22C 23 /-</u>	2020205358	<u>E01F 15 /-</u>
<u>C08G 18 /-</u>	<u>C09D 133 /-</u>	2019445928	2018337150	2020204619	<u>E05D 3 /-</u>
2017261839	2017261839	2020201685	<u>C22C 33 /-</u>	<u>E01H 1 /-</u>	2020201978
<u>C08J 11 /-</u>	<u>C09D 175 /-</u>	<u>C12N 5 /-</u>	2017235370	2016329235	<u>E05D 7 /-</u>
2017218908	2017261839	2015248786	2019271821	<u>E02F 3 /-</u>	2020201978
<u>C08J 3 /-</u>	<u>C09D 5 /-</u>	2015274897	<u>C22C 38 /-</u>	2017201125	<u>E06B 1 /-</u>
2017218908	2017258937	2015313264	2019271821	2017203738	2016359632
2017261839	2020220107	2015353521	<u>C22F 1 /-</u>	<u>E02F 9 /-</u>	<u>E21B 17 /-</u>
<u>C08J 5 /-</u>	<u>C09D 7 /-</u>	2018272017	2018337150	2017203738	2016423788
2016244188	2017258937	<u>C12N 7 /-</u>	2019284797	<u>E03C 1 /-</u>	<u>E21B 23 /-</u>
2017261839	<u>C09J 11 /-</u>	2015329959	<u>C25B 11 /-</u>	2018202693	2017247017
2017342170	2017243875	2016375338	2017257930	2019283848	2018298056
2019275661	<u>C09K 11 /-</u>	<u>C12N 9 /-</u>	<u>C25B 15 /-</u>	<u>E03D 11 /-</u>	<u>E21B 33 /-</u>
<u>C08K 3 /-</u>	<u>C09K 11 /-</u>	2015316909	2017257930	2018280778	2016423788
2017261839	2017258937	2018346776	<u>C25C 1 /-</u>	<u>E04B 1 /-</u>	2017247017
2017342170	2020220107	2019203433	2016313609	<u>E04B 2 /-</u>	<u>E21B 34 /-</u>
2019275661	<u>C09K 5 /-</u>	2019203589	<u>C25C 3 /-</u>	2016277647	2016359632
<u>C08K 5 /-</u>	<u>C09K 8 /-</u>	<u>C12P 19 /-</u>	2018312365	2016277647	2016423788
2017258937	2016359565	2016252998	<u>C25C 7 /-</u>	2016359632	2017345042
<u>C08K 9 /-</u>	<u>C09K 11 /-</u>	2018346776	2018312365	<u>E04B 2 /-</u>	2018298056
2017258937	2018208035	<u>C12P 21 /-</u>	<u>C25C 7 /-</u>	2019250176	2019327295
<u>C08K 9 /-</u>	2018215222	2017214692	2018312365	<u>E04C 2 /-</u>	<u>E21B 41 /-</u>
2019275661	<u>C10C 3 /-</u>	2017252443	<u>D06C 15 /-</u>	2021212149	2020254304
<u>C08L 11 /-</u>	<u>C10C 3 /-</u>	2017267735	2018309004	<u>E04C 3 /-</u>	2020286197
2019275661	2017218908	<u>C09K 5 /-</u>	<u>D06C 23 /-</u>	2021212149	2019327295
<u>C08L 27 /-</u>	<u>C12M 1 /-</u>	2018346776	2018309004	<u>E04C 5 /-</u>	2020286197
2017252616	2015274897	<u>C12P 3 /-</u>	<u>D06M 13 /-</u>	2016277647	<u>E21B 49 /-</u>
2016364932	2016364932	<u>C12P 7 /-</u>	2018346776	<u>E04D 13 /-</u>	2020254304
<u>C08L 5 /-</u>	<u>C12M 3 /-</u>	2016213956	<u>D06Q 1 /-</u>	2016359632	<u>E21C 41 /-</u>
2019311591	2015274897	2018282018	2018309004	2018369563	2016305485
<u>C08L 7 /-</u>	2016364932	<u>C12Q 1 /-</u>	<u>E04F 13 /-</u>	<u>E21D 21 /-</u>	
2019275661	<u>C12N 1 /-</u>	2014403832			
<u>C08L 89 /-</u>	2015373326	2015271697			
2017252443	2016213956	2015364286			
	2016387202	2016252998			
		2016364932			
		2016404864			
		2018315982			
		2019275457			
		2019283856			
		2020201685			
		<u>C12R 1 /-</u>			
		2015373326			
		2016318112			
		2016387202			

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2018271147	2018402959	2019212621	<u>G01B 5/-</u>	<u>G01R 21/-</u>	<u>G05B 13/-</u>
<u>E21F 15/-</u>	<u>F16D 1/-</u>	<u>F23D 14/-</u>	2020204349	2021204755	2016272449
2016305485	2020205222	2019325272	<u>G01B 7/-</u>	<u>G01R 33/-</u>	<u>G05B 15/-</u>
<u>F01D 15/-</u>	<u>F16D 3/-</u>	<u>F23N 3/-</u>	2020204349	2018364675	2016290898
2016359565	2020205222	2019325272	<u>G01F 1/-</u>	2018365717	
<u>F01K 23/-</u>	<u>F16G 11/-</u>	<u>F23N 5/-</u>	2019205103	<u>G01S 13/-</u>	<u>G05D 1/-</u>
2016359565	2016344702	2019325272	<u>G01F 11/-</u>	2019245874	2018329459
<u>F01K 27/-</u>	<u>F16G 5/-</u>	<u>F24C 15/-</u>	2019423485	<u>G01S 17/-</u>	2019245874
2016359565	2018385310	2017216120	<u>G01H 9/-</u>	2017361118	2020220188
<u>F01K 7/-</u>	<u>F16H 19/-</u>	<u>F24S 20/-</u>	2016363995	2019245874	<u>G05D 16/-</u>
2020204587	2016401619	2016279130	<u>G01J 3/-</u>	2020200592	2019284072
<u>F03B 13/-</u>	<u>F16H 3/-</u>	<u>F25B 1/-</u>	2020227024	<u>G01S 19/-</u>	2019316602
2017316567	2016401619	2019268187	<u>G01K 13/-</u>	2017258272	<u>G05D 7/-</u>
<u>F03D 1/-</u>	<u>F16K 1/-</u>	<u>F25B 39/-</u>	2019237980	<u>G01S 3/-</u>	2019284072
2017239036	2019236768	2016316427	<u>G01M 9/-</u>	2020200592	<u>G06F 1/-</u>
<u>F03D 9/-</u>	<u>F16K 11/-</u>	<u>F25B 49/-</u>	2016252239	<u>G01V 1/-</u>	2017435232
2017239036	2017345042	2019268187	<u>G01N 1/-</u>	2018340369	
<u>F03G 7/-</u>	<u>F16K 51/-</u>	<u>F25D 17/-</u>	2015230718	2019429806	<u>G06F 11/-</u>
2017226945	2019236768	2016316427	2015248786	2021200580	2018326136
<u>F04B 27/-</u>	<u>F16L 35/-</u>	<u>F25D 19/-</u>	<u>G01N 21/-</u>	<u>G01V 15/-</u>	
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<u>F04B 39/-</u>	<u>F16L 41/-</u>	<u>F25D 21/-</u>	<u>G01N 23/-</u>	<u>G01V 3/-</u>	2019292928
2019268187	2020239737	2016316427	2017328259	2019275661	2019378253
<u>F04D 25/-</u>	<u>F16L 55/-</u>	<u>F25D 23/-</u>	2017342170	<u>G01V 3/-</u>	2020201487
2019250270	2016344702	2016316427	2019275661	2019275661	2020219946
<u>F04D 29/-</u>	<u>F16L 59/-</u>	2020200641	<u>G01N 25/-</u>	<u>G02B 25/-</u>	<u>G06F 21/-</u>
2019250270	2020200641	2020201573	2017328259	2017228307	2017359017
<u>F15B 15/-</u>	<u>F17C 5/-</u>	<u>F42B 12/-</u>	2017342170	<u>G02B 27/-</u>	2020202106
2018329413	2019234804	2017291295	2019275661	<u>G02B 27/-</u>	<u>G06F 3/-</u>
<u>F16B 1/-</u>	<u>F21S 4/-</u>	<u>F42B 30/-</u>	<u>G01N 33/-</u>	2017250016	
2018271147	2019382303	2017291295	2015230718	2017361118	2017221623
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2016279130	2019212621	2017291295	2015268982	2017379072	2019299123
<u>F16B 21/-</u>	<u>F21V 5/-</u>	<u>F42B 5/-</u>	2015271697	<u>G02B 30/-</u>	2020210235
2018402959	2017224107	2017291295	2015318207	2017211032	2020239747
<u>F16B 31/-</u>	<u>F21V 7/-</u>	<u>F42B 6/-</u>	2016210887	<u>G02B 5/-</u>	2021201403
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			2017258937	2017228307	2020200880
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			2019225223	2017379072	<u>G06F 9/-</u>
			2019283856	<u>G02F 1/-</u>	2017359017
			2020294337	2017361118	2020201056
			<u>G01R 19/-</u>	<u>G03G 15/-</u>	2020203491
			2021204755	2020205222	2020239747
					<u>G06K 15/-</u>

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2020210235	2019245343	G16B 20 /-	H01R 13 /-	H04B 10 /-	2020294315
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G06K 9 /-	G08B 13 /-	2020201840	H02H 3 /-	2019234146	H04N 7 /-
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Certified Innovation Patents

Name Index

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

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| <p>(71) Aero-Tech Pty Ltd
 (11) AU-B-2021102197
 (21) 2021102197 (22) 26.04.2021
 (54) Sweeper
 (51) Int. Cl.
 <i>E01H 1/04</i> (2006.01)
 <i>E01H 1/12</i> (2006.01)
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 (45) 04.11.2021
 (62) 2020101384
 (72) TOZER, Warwick; TOZER, Stuart
 (74) Davies Collison Cave Pty Ltd</p> | <p>(45) 04.11.2021
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 (72) Noonan, Gerry
 (74) WRAYS PTY LTD</p> |
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 (11) AU-B-2021105134
 (21) 2021105134 (22) 09.08.2021
 (54) User interfaces for selecting media items
 (51) Int. Cl.
 <i>G06F 3/0481</i> (2013.01)
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 <i>G06F 16/44</i> (2019.01)
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 (45) 04.11.2021
 (62) 2020289873
 (72) Knittel, Paul Karl; Sheppard, Elijah Alexander; Su, Yu; Chashchin, Denis
 (74) FPA Patent Attorneys Pty Ltd</p> | <p>(71) NewSouth Innovations Pty Limited
 (11) AU-B-2021104018
 (21) 2021104018 (22) 09.07.2021
 (54) COMPOSITE PRODUCTS AND THE MANUFACTURE THEREOF
 (51) Int. Cl.
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 <i>B29C 39/38</i> (2006.01)
 <i>B29C 39/42</i> (2006.01)
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 (45) 04.11.2021
 (62) 2020251051
 (72) HERIYANTO, Heriyanto; GHOSE, Anirban; SAHAJWALLA, Veena
 (74) MINTER ELLISON</p> |
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 (11) AU-B-2021104755
 (21) 2021104755 (22) 30.07.2021
 (54) SAFETY SYSTEM AND METHOD FOR PROTECTING AGAINST A HAZARD OF DRILL ROD FAILURE IN A DRILLED ROCK BORE
 (51) Int. Cl.
 <i>E21B 17/00</i> (2006.01)
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 (45) 04.11.2021
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 (11) AU-B-2021103453
 (21) 2021103453 (22) 18.06.2021
 (54) Patient Face Sheet
 (51) Int. Cl.
 <i>A61G 15/12</i> (2006.01)
 <i>A61B 46/00</i> (2016.01)
 (45) 04.11.2021
 (62) 2017202118
 (72) Samaan, Ibrahim
 (74) Clark Intellectual Property Pty Ltd</p> |
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| <p>(71) Jusand Nominees Pty Ltd
 (11) AU-B-2021104756
 (21) 2021104756 (22) 30.07.2021
 (54) SAFETY SYSTEM AND METHOD FOR PROTECTING AGAINST A HAZARD OF DRILL ROD FAILURE IN A DRILLED ROCK BORE
 (51) Int. Cl.
 <i>E21B 17/00</i> (2006.01)
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 (11) AU-B-2020103981
 (21) 2020103981 (22) 09.12.2020
 (54) Fixing system for architectural mouldings
 (51) Int. Cl.
 <i>E04F 13/08</i> (2006.01)
 <i>E04F 13/073</i> (2006.01)
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 (45) 04.11.2021
 (72) Quinsey, Wilfred John
 (74) FB Rice Pty Ltd</p> |
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Opposition Proceedings

(The name in parentheses is that of the opponent)

Opposition Lodged

- 2016261440 **De La Rue International Limited** (CCL Secure Pty Ltd)
- 2020223628 **Fisher & Paykel Healthcare Limited** (ResMed Pty Ltd)
- 2021201838 **FISHER & PAYKEL HEALTHCARE LIMITED** (ResMed Pty Ltd)

Opposition Withdrawn - Proceed to Grant

- 2015255248 **JUSAND NOMINEES PTY LTD** (Rattlejack Innovations Pty Ltd)

Opposition Dismissed - Proceed to Grant

- 2019308597 **IB Operations Pty Ltd** (Steinert Australia Pty Ltd)

Patents Granted

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2015248815	2015255248	2015268764	2015271666
2015275234	2015289414	2015294978	2015311723
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Offer to Surrender

It is hereby notified that **Alcolizer Pty Ltd 9/132-140 Ross Court , Cleveland QLD 4163** , the Patentee of Patent 2020100368 dated 01.04.2020 for an invention titled ' A breath guide' offers to surrender the said Patent. Any person desiring to be heard before the said offer to surrender is accepted must lodge a request to be heard within one month from the date of this journal.

Revocation

It is hereby notified that as a consequence of a decision by the Commissioner dated 21.10.2021 , Patent 2017216557 in the name of **Howard Heritage Holdings Pty Ltd** has been revoked in relation to a re-examination and subsequent revocation under Section 101(1) of the Patents Act.

Assignments Registered

2002252974 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2002333260 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

Assignments Registered

2003229776 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2003234451 Performance Materials NA, Inc. The patent has been assigned to **Dow Global Technologies LLC**

2003271381 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2004249889 Bayer CropScience NV.; The Regents of the University of California. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC; The Regents of the University of California**

2004268299 Olympus Corporation; Fujikura Ltd. The patent has been assigned to **Olympus Corporation**

2004281516 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF Corporation**

2004285035 Performance Materials NA, Inc. The patent has been assigned to **Dow Global Technologies LLC**

2004291692 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2005207968 Performance Materials NA, Inc. The patent has been assigned to **Dow Global Technologies LLC**

2005233181 Performance Materials NA, Inc. The patent has been assigned to **Dow Global Technologies LLC**

2005249192 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF SE**

2006204521 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2006278778 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2007212521 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF SE**

2007228981 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2007253587 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF SE**

2007253588 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF SE**

2008235035 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2008261312 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2008274551 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2008329065 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2009235695 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF Corporation**

2009268303 Bayer Intellectual Property GmbH. The patent has been assigned to **BASF SE**

2009270539 Bayer CropScience NV. The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

Assignments Registered

2009319313 Bayer CropScience NV; Le Centre National De La Recherche Scientifique The patent has been assigned to **BASF Agricultural Solutions Seed US LLC; Le Centre National De La Recherche Scientifique**

2010212264 Bayer CropScience NV The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2010268451 Bayer CropScience NV The patent has been assigned to **BASF SE**

2010269839 NeckCare LLC The patent has been assigned to **NeckCare Holding ehf.**

2010321249 Bayer CropScience NV The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2010321586 Bayer CropScience N.V.; MS Technologies LLC The patent has been assigned to **BASF Agricultural Solutions Seed US LLC; MS Technologies LLC**

2011202335 Bayer CropScience NV; The Regents of the University of California The patent has been assigned to **BASF Agricultural Solutions Seed US LLC; The Regents of the University of California**

2011267352 Bayer CropScience NV The patent has been assigned to **BASF SE**

2011347674 Bayer CropScience NV The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2012258422 Bayer CropScience NV The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2013249111 Ohr Pharmaceutical, Inc. The patent has been assigned to **DepYmed Inc.**

2013285456 Bayer CropScience NV The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2014234456 Bayer CropScience Aktiengesellschaft; Bayer CropScience N.V. The patent has been assigned to **BASF SE**

2014256396 Paynet Payments Network, LLC The patent has been assigned to **NYCE Payments Network, LLC**

2014267331 Bayer CropScience NV The patent has been assigned to **BASF SE**

2014327258 The University Court of the University of Edinburgh; Bayer CropScience NV The patent has been assigned to **The University Court of the University of Edinburgh; BASF SE**

2015201274 Bayer Intellectual Property GmbH The patent has been assigned to **BASF Corporation**

2015201322 Bayer Intellectual Property GmbH The patent has been assigned to **BASF Corporation**

2015254663 AFFIRIS AG The patent has been assigned to **Advantage Therapeutics, Inc.**

2015275338 Bayer Intellectual Property GmbH The patent has been assigned to **BASF Corporation**

2016200528 Find-Me Technologies Pty Ltd The patent has been assigned to **Stay Safe Technology Pty Ltd**

2016210635 Performance Materials NA, Inc. The patent has been assigned to **Dow Global Technologies LLC**

Assignments Registered

2016232761 Board of Regents of the Nevada System of Higher Education, on behalf of the University of Nevada Reno The patent has been assigned to **Nevada Research & Innovation Corporation**

2017100423 Hushpak Engineering Pty Limited The patent has been assigned to **WesTrac Pty Ltd**

2018204280 Bayer Intellectual Property GmbH The patent has been assigned to **BASF Corporation**

2018244677 BioconTAC Co., Ltd The patent has been assigned to **Zymedi Co., Ltd.**

2018256561 Ohr Pharmaceutical, Inc. The patent has been assigned to **DepYmed Inc.**

2018256637 Bayer CropScience NV The patent has been assigned to **BASF Agricultural Solutions Seed US LLC**

2021104685 Safe Response Pty Ltd The patent has been assigned to **TraumaSim Pty Ltd**

Extensions of Term of Standard Patents

Extension of Term of a Standard Patent relating to Pharmaceutical Substances

Applications Filed

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

2010277657 **F. Hoffmann-La Roche AG**

The earliest first regulatory approval date provided by the patentee 06 Jul 2021

For the goods PHEGO SC pertuzumab

Corrigenda

In Vol 35 , No 42 , Page(s) 8173 under the heading **Amendments - Application for Amendments** Under the name Tambo, Inc., Patent Application No. 2016321431 correct the date of the statements filed to read 22 Sep 2021 and 30 Sep 2021

In Vol 35 , No 43 , Page(s) 8336 under the heading **Applications Lapsed, Refused or Withdrawn, Patents Ceased or Expired - 2021** Delete all reference to 2021104146.

Specifications Republished

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

2014354559	Calix Ltd
2016210598	Illinois Tool Works Inc.
2016240362	Genetic Analysis AS
2017216079	Bayer Animal Health GmbH
2018213955	Square, Inc.
2019370125	Boston Scientific Limited
2020260537	Institut national de recherche pour l'agriculture, l'alimentation et l'environnement; The Royal Institution for the Advancement of Learning/ McGill University

Section 105(1A) advertisement pursuant to rule 34.41(1) of the *Federal Court Rules 2011 (Cth)*

1. The identity of the proceeding in which the application to amend is made:

Federal Court of Australia (New South Wales district registry) proceeding number NSD130/2019 between Cytec Industries Inc. -v- Nalco Company

2. The particulars of the amendment sought:

*See **attached** proposed claim amendments (clean and marked up copies provided)*

3. The address for service of the applicant:

Shelston IP Pty Ltd, Level 9, 60 Margaret Street, Sydney, New South Wales, 2000

4. A person intending to oppose the application who is not a party to the proceeding must, within 28 days after publication of the advertisement give written notice of that intention to the Commissioner of Patents and each party to the proceeding.

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

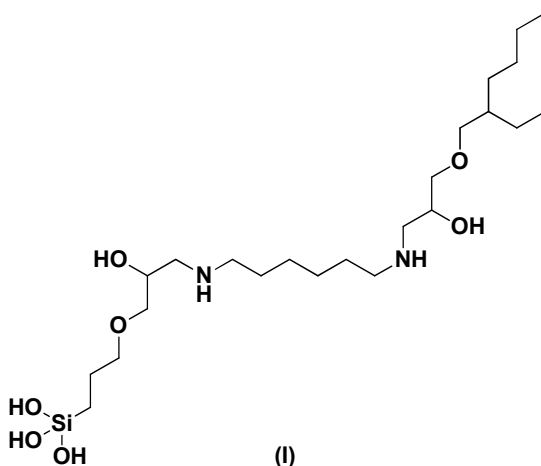
1. A method for the reduction of aluminosilicate containing scale in a Bayer process comprising the step of:

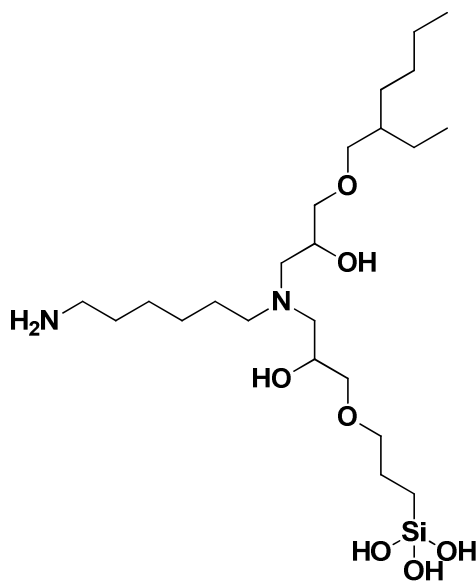
adding to the Bayer process stream an aluminosilicate scale inhibiting amount of a composition comprising ~~at least one small molecule selected from the group consisting of compounds:~~

~~a) (I) through (IX), (XXVIII) through (XXX) and (XXXII) within a product mixture formed from the reaction of hexane diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether; or~~

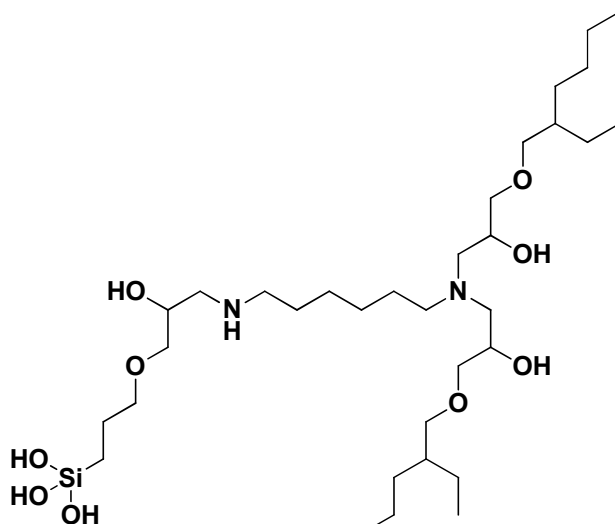
~~b) (X) through (XIII), (XV) through (XIX), (XXIII) through (XXVII), (XXXIII) through (XLII), (LVI) through (LVIII) and (LX) within a product mixture formed from the reaction of ethylene diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether; or~~

~~c) (XX) through (XXII) and (LIII) through (LV) within a product mixture formed from the reaction of 1-amino-2-propanol, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether (XIII), (XV) through (XXX), (XXXII) through (XLVII), (LIII) through (LVIII) and (LX) within a product mixture formed from the reaction of a) hexane diamine, ethylene diamine or 1-amino-2-propanol; b) 3-glycidoxypropyltrimethoxysilane; and c) 2-ethylhexyl glycidyl ether:~~

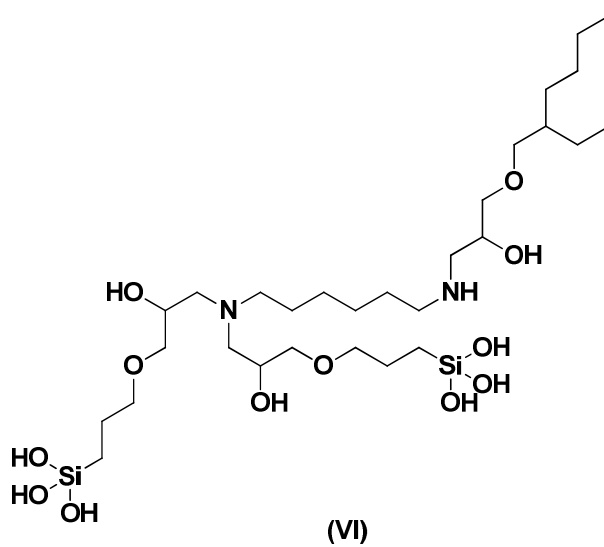
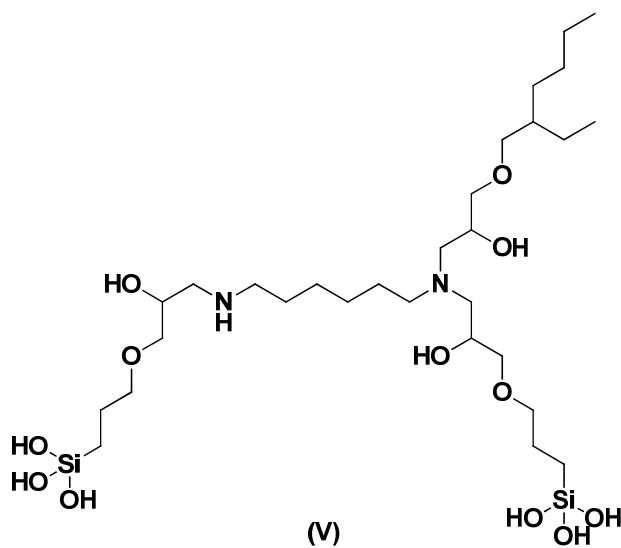
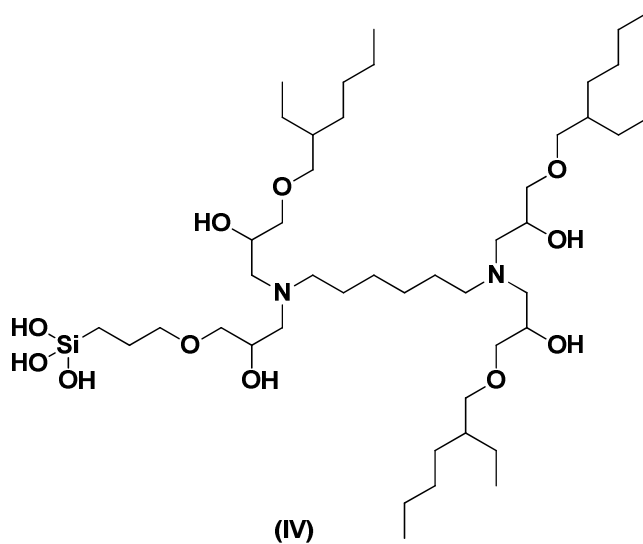


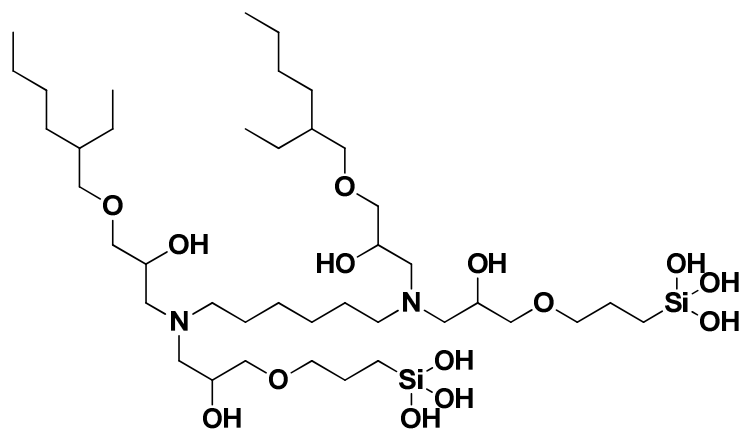


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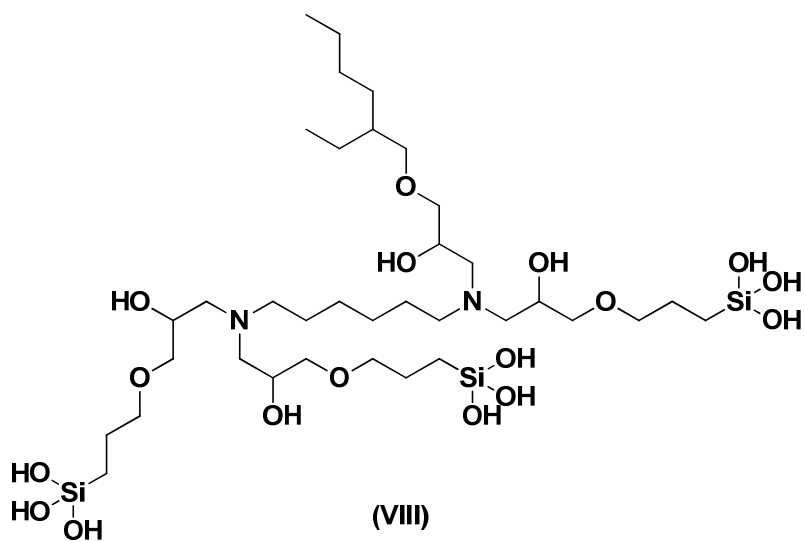


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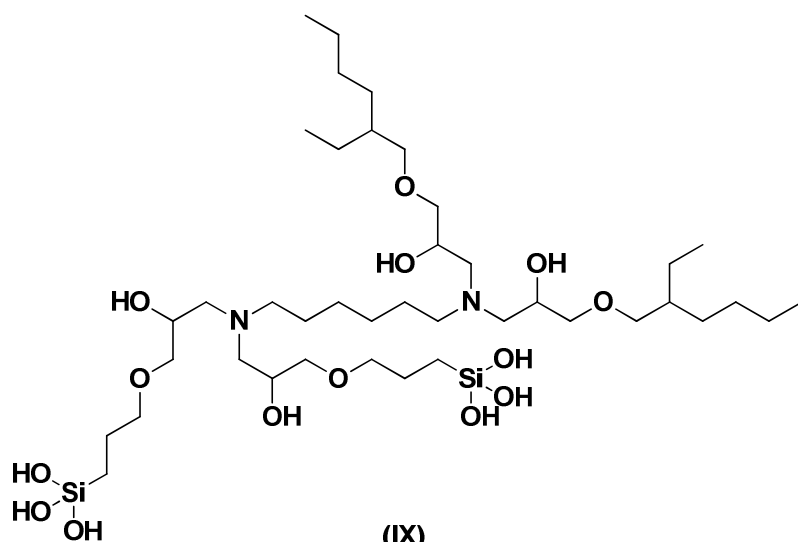




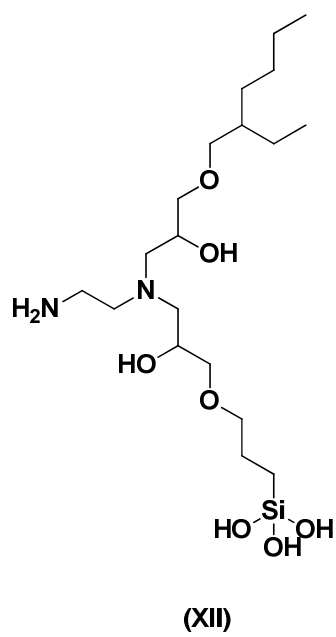
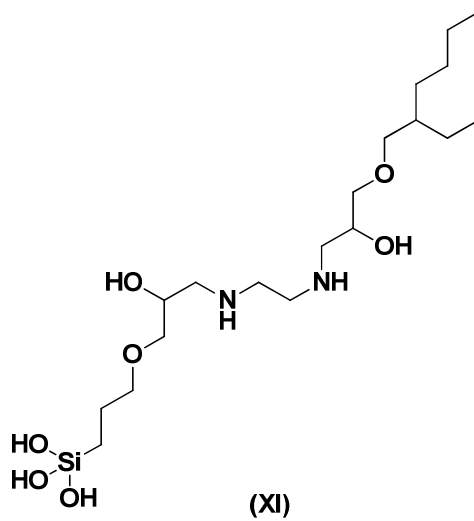
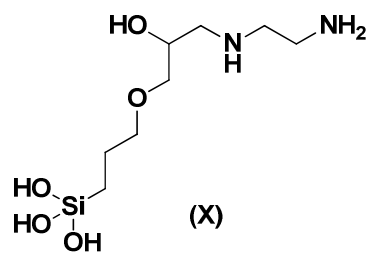
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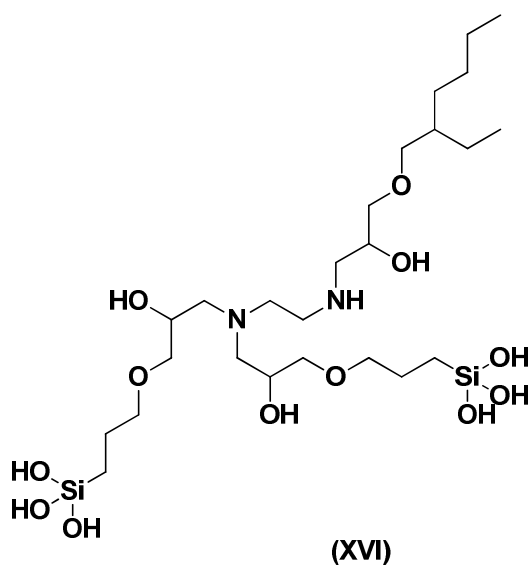
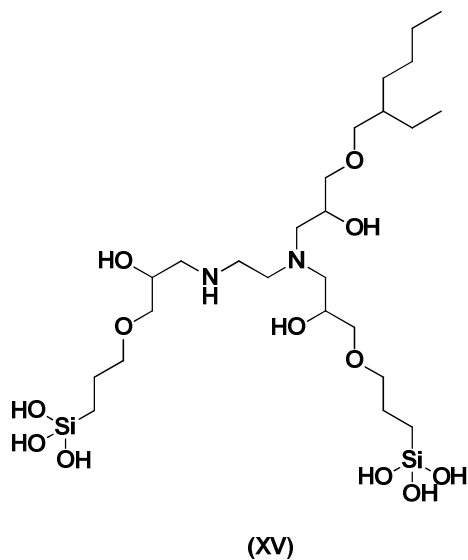
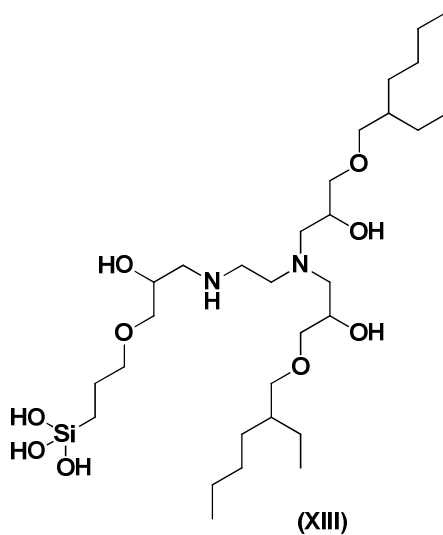


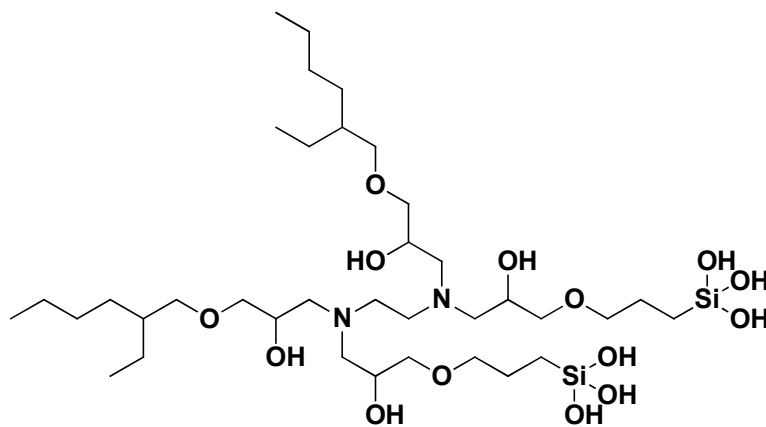
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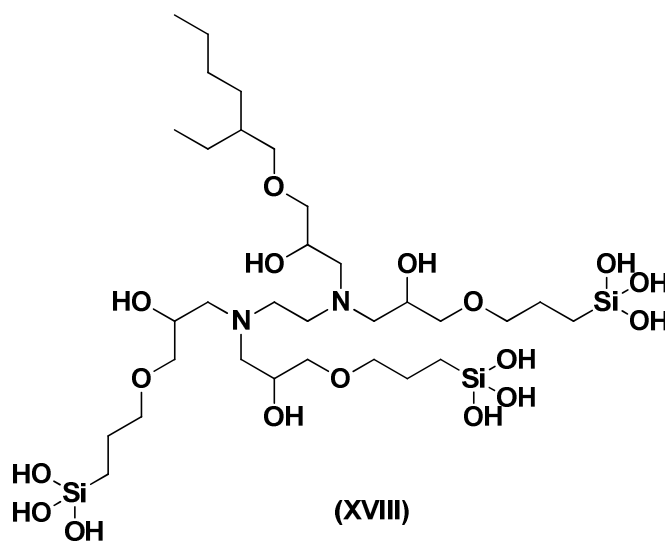
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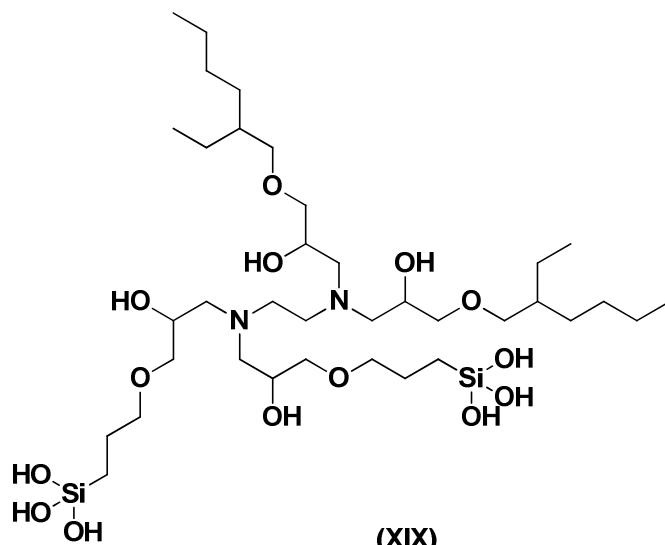




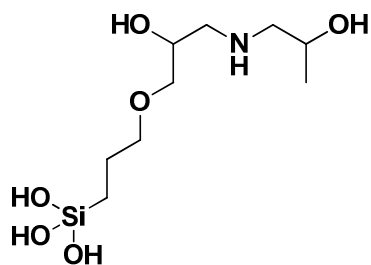
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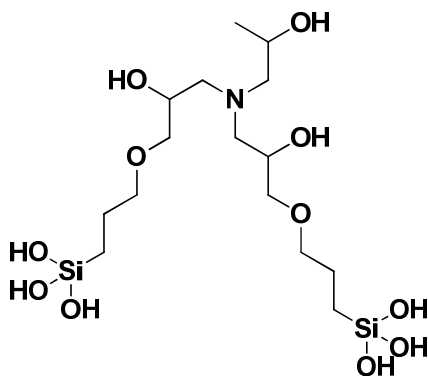
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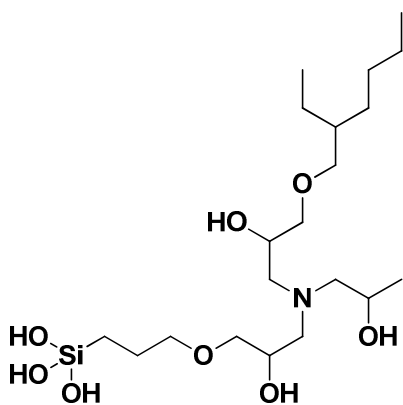
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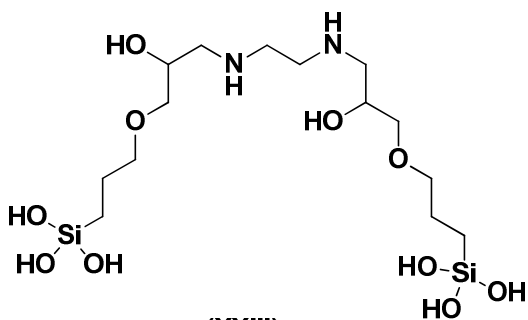
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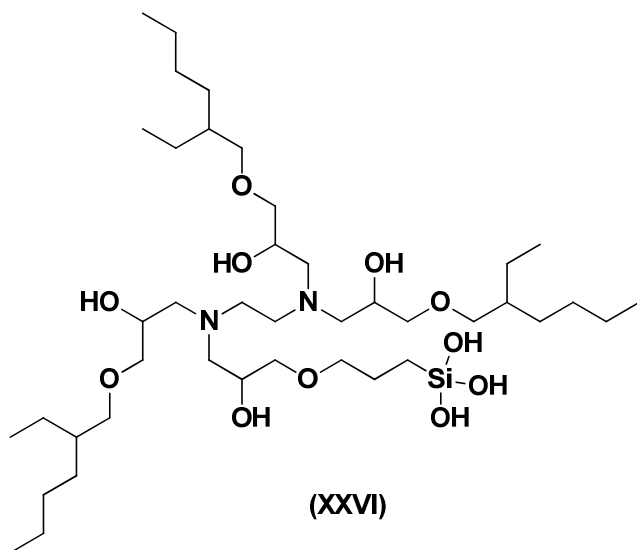
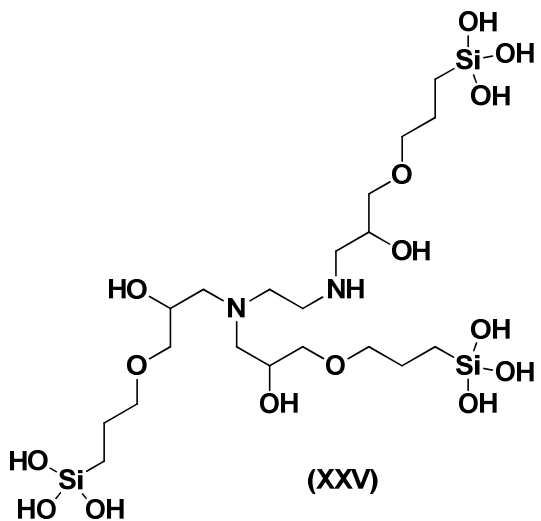
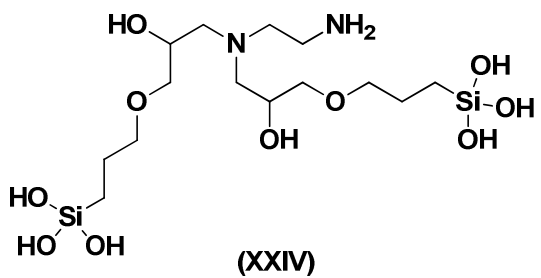
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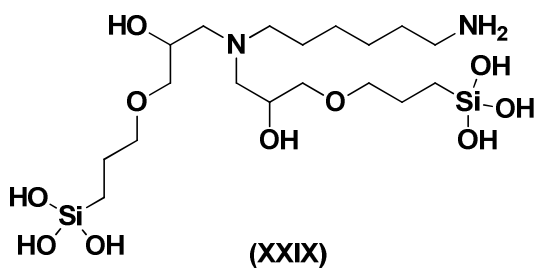
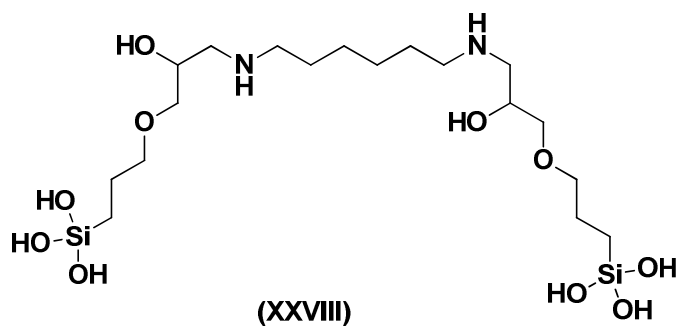
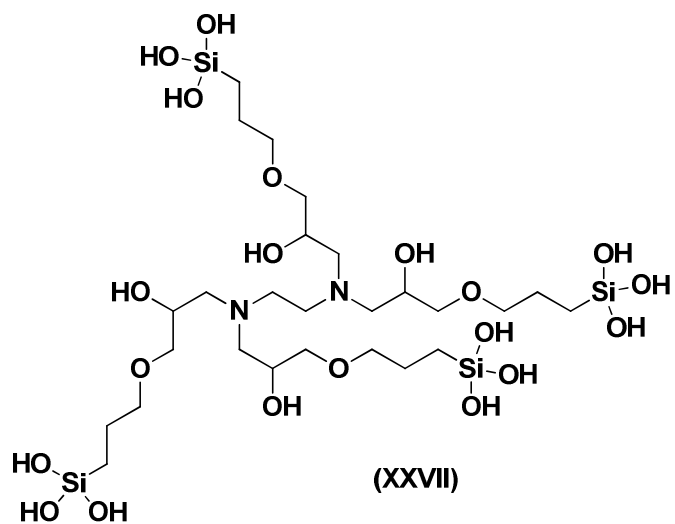


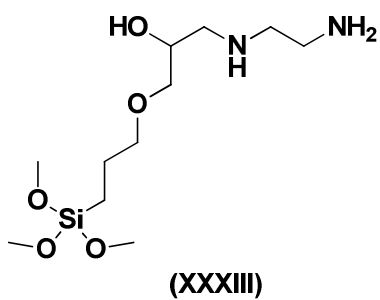
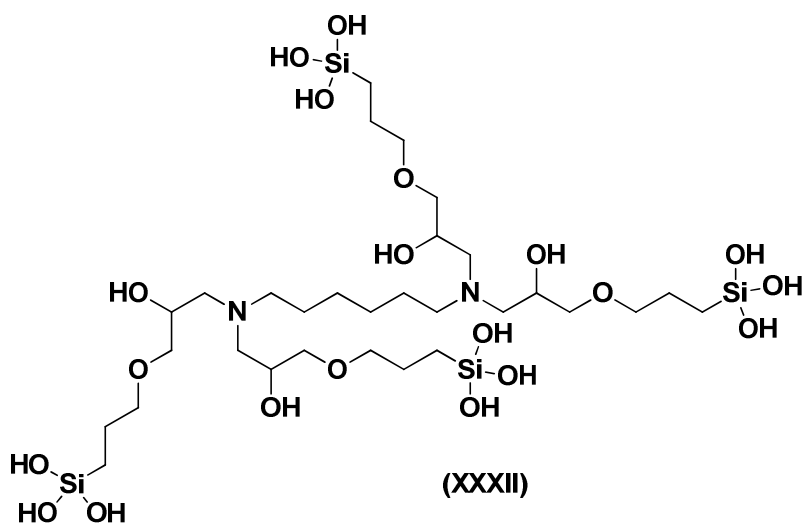
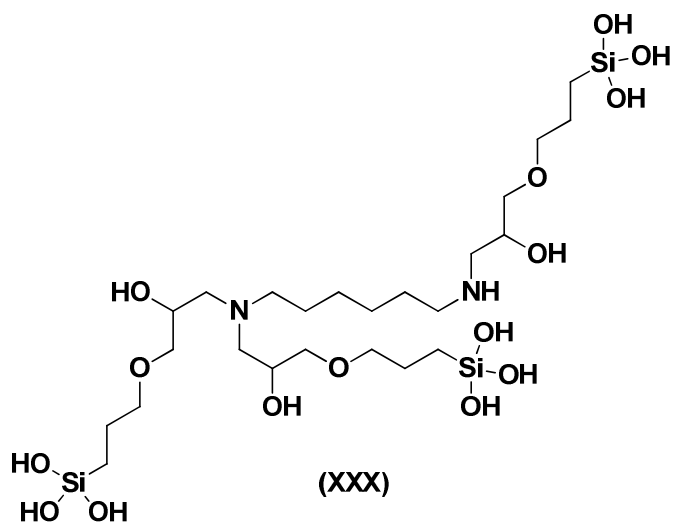
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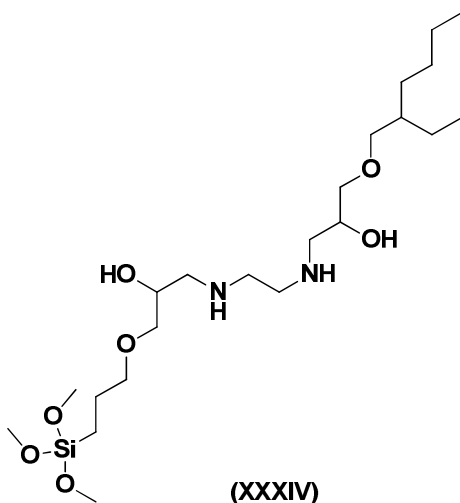


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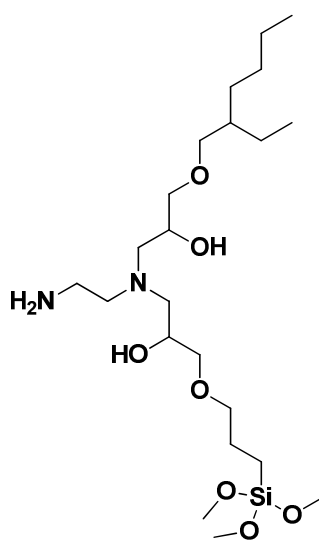




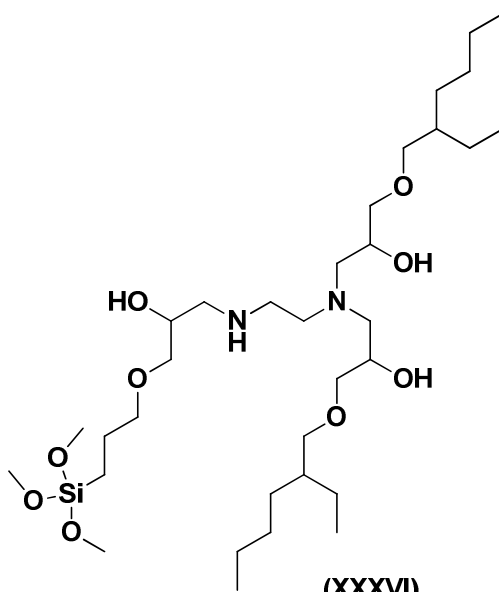




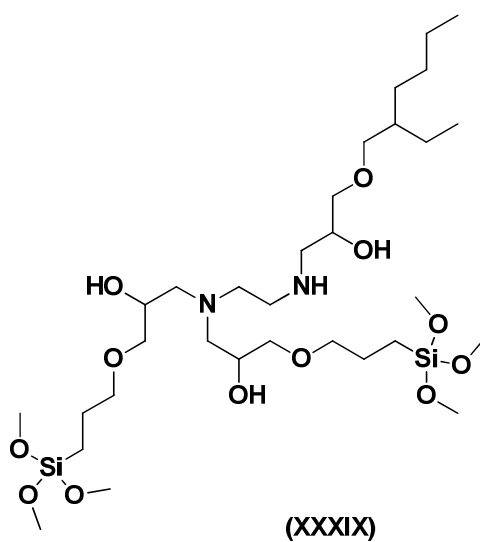
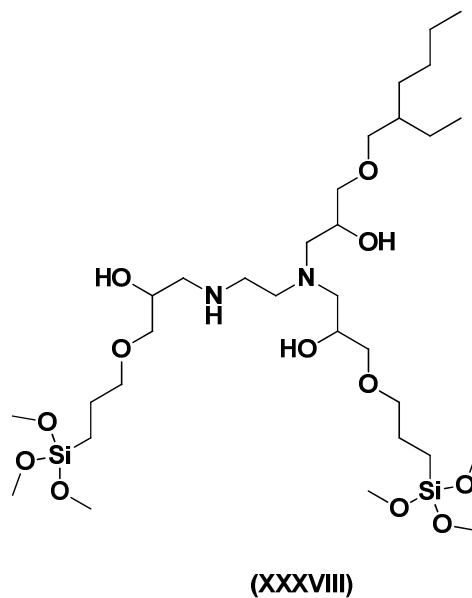
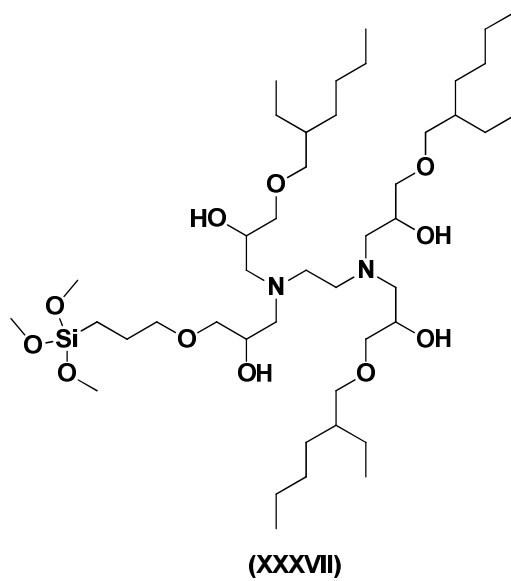
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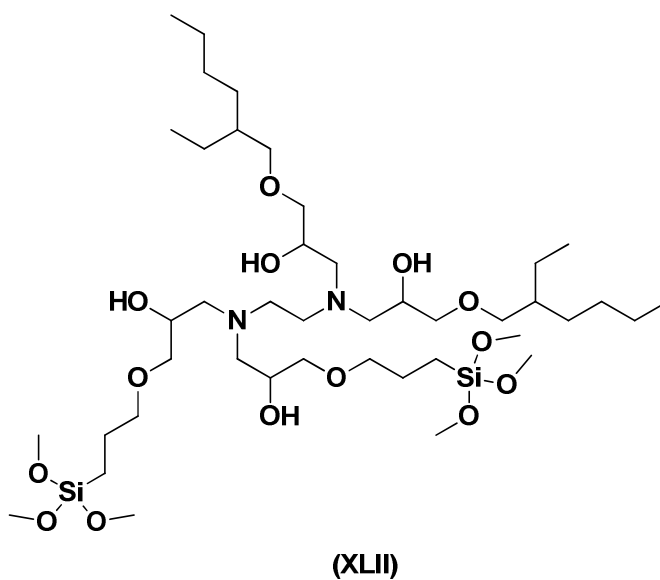
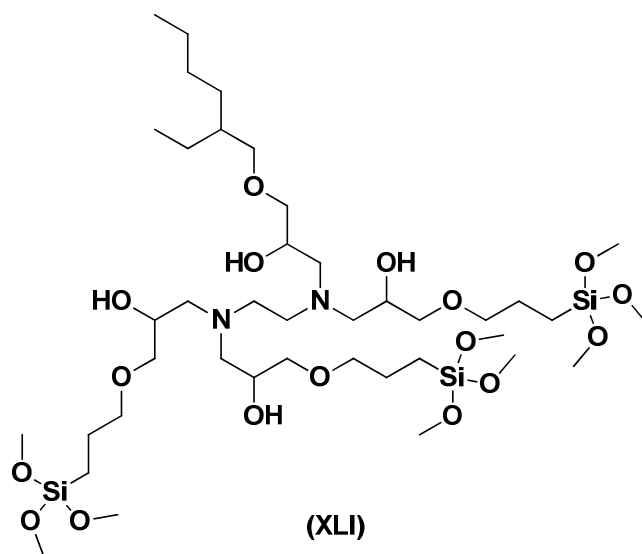
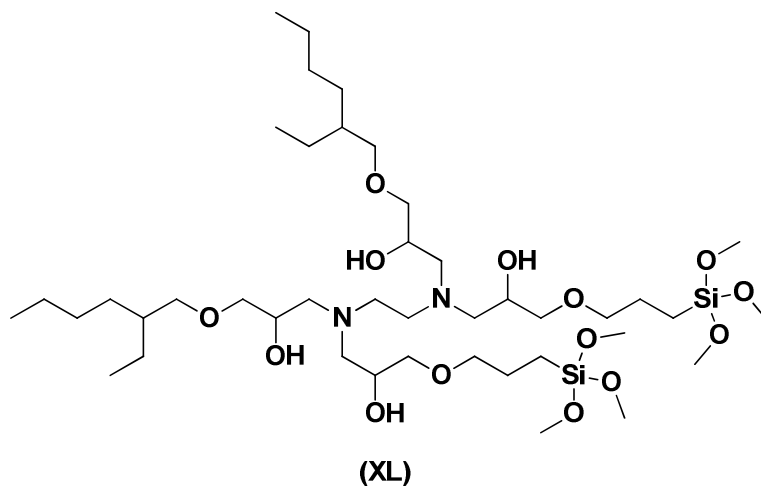


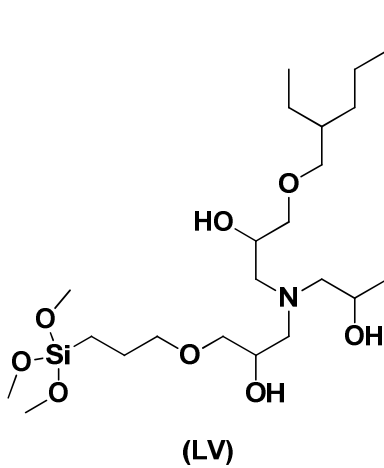
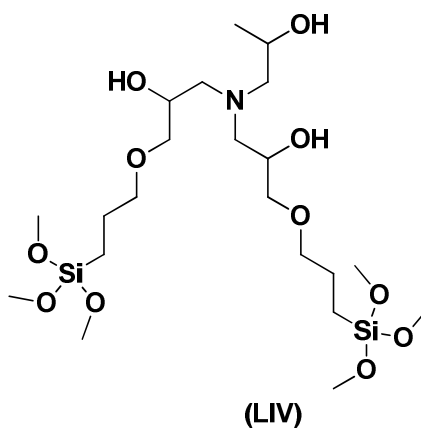
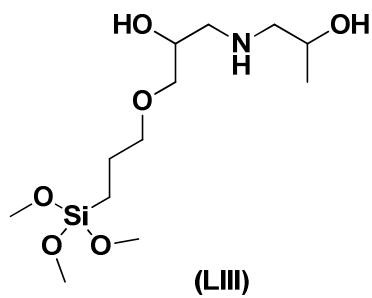
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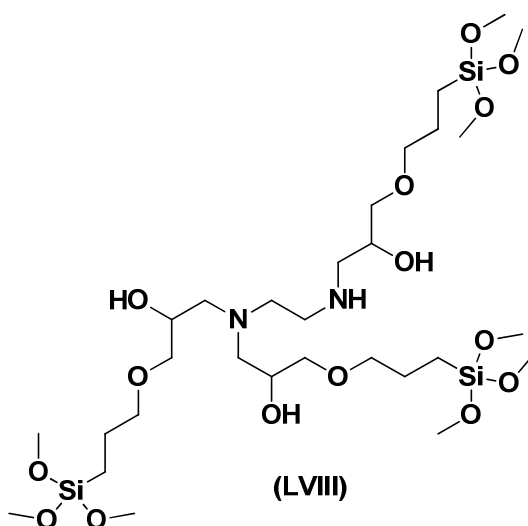
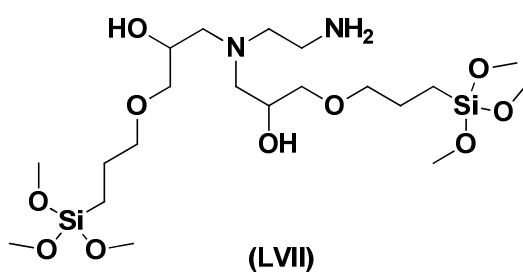
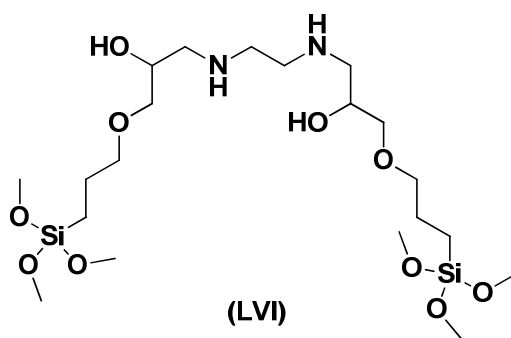


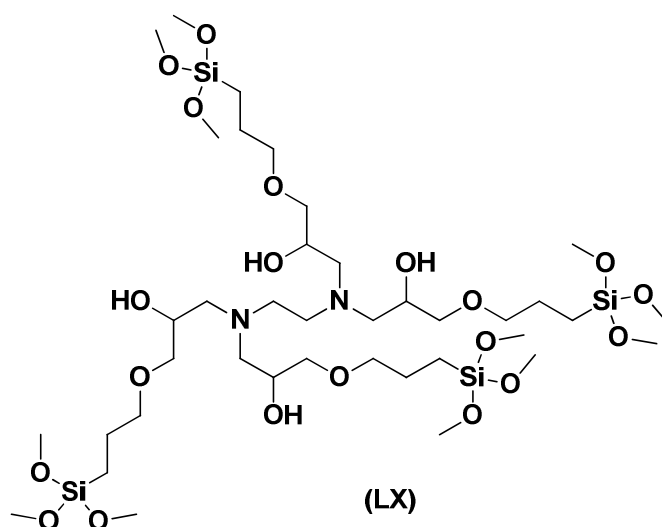
(XXXVI)











- ~~2. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (I) through (XIII), (XV) through (XXX) and (XXXII) through (XLII).~~
- ~~3. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (LIII) through (LVIII).~~
- ~~4. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (LIII), (LIV) and (LV).~~
- ~~5. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (I) through (IX).~~
- ~~6. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (X) through (XIII) and (XV) through (XIX).~~
- ~~7. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (XX) through (XXII).~~
- ~~8. A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (XXIII) through (XXIX).~~

- ~~9.~~ A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (XXX) and (XXXII).
- ~~10.~~ A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (XXXIII) through (XLII).
- ~~11.~~ A method according to claim 1, wherein the small molecule is selected from the group consisting of compounds (LVI) through (LVIII) and (LX).
- ~~12.~~ A method according to claim 1, wherein the small molecule is present in a solution in an amount ranging from about 0.01 to about 100 wt%.
2. A method according to claim 1, wherein the composition comprises small molecules (I) through (IX), (XXVIII) through (XXX) and (XXXII) within a product mixture formed from the reaction of hexane diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether.
3. A method according to claim 1, wherein the composition comprises small molecules (X) through (XIII), (XV) through (XIX), (XXIII) through (XXVII), (XXXIII) through (XLII), (LVI) through (LVIII) and (LX) within a product mixture formed from the reaction of ethylene diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether.
4. A method according to claim 1, wherein the composition comprises small molecules (XX) through (XXII) and (LIII) through (LV) within a product mixture formed from the reaction of 1-amino-2-propanol, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether.
- 13.5. A method according to any one of claims 1 to 4, wherein the composition further comprises an item selected from the list consisting of: amines, activators, antifoaming agents, co-absorbents, corrosion inhibitors, coloring agents, and any combination thereof.

- 14.6.** A method according to any one of claims 1 to 4, wherein the composition comprises a solvent, the solvent is selected from the group consisting of: water, alcohols, polyols, other industrial solvents, organic solvents, and any combination thereof.
- 15.7.** A method according to any one of claims 1 to 4, wherein the composition is isolated from a synthesis reaction in the form of a solid, precipitate, gel, salt and/or crystalline material in pHs ranging from 0 to 14.
- 16.8.** A method according to any one of claims 1, 3 or 4, wherein the composition is hydrolyzed prior to being added to the Bayer process.

THE CLAIMS DEFINING THE INVENTION ARE AS FOLLOWS:-

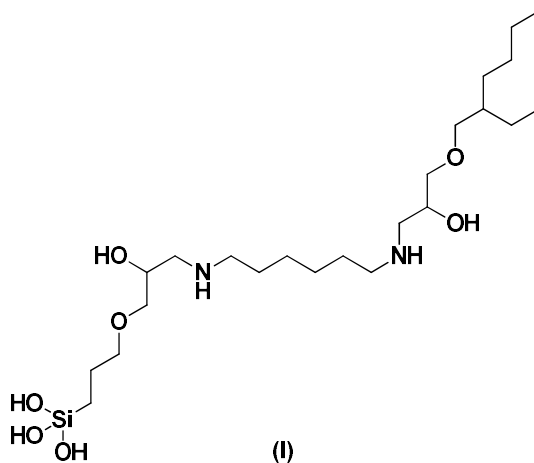
1. A method for the reduction of aluminosilicate containing scale in a Bayer process comprising the step of:

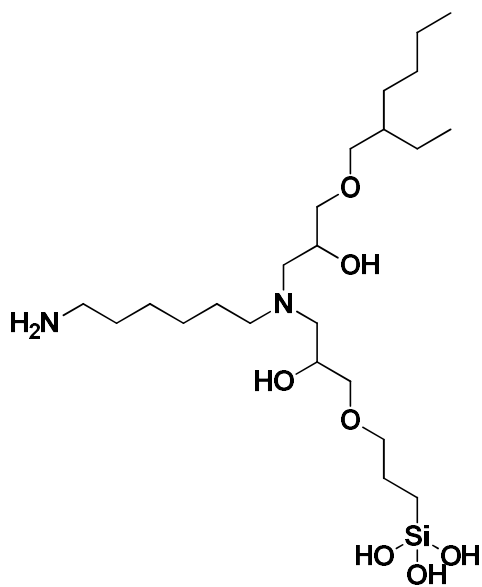
adding to the Bayer process stream an aluminosilicate scale inhibiting amount of a composition comprising small molecules:

a) (I) through (IX), (XXVIII) through (XXX) and (XXXII) within a product mixture formed from the reaction of hexane diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether; or

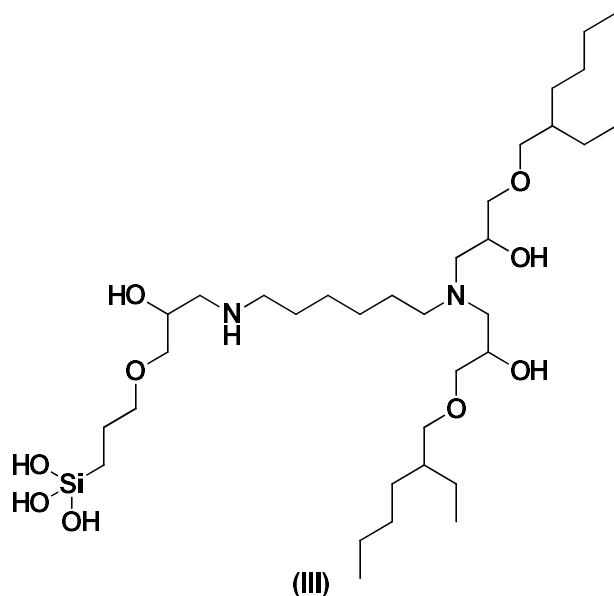
b) (X) through (XIII), (XV) through (XIX), (XXIII) through (XXVII), (XXXIII) through (XLII), (LVI) through (LVIII) and (LX) within a product mixture formed from the reaction of ethylene diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether; or

c) (XX) through (XXII) and (LIII) through (LV) within a product mixture formed from the reaction of 1-amino-2-propanol, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether:

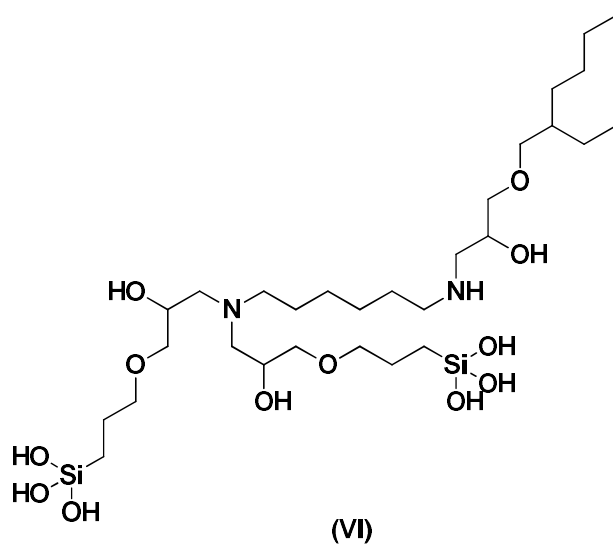
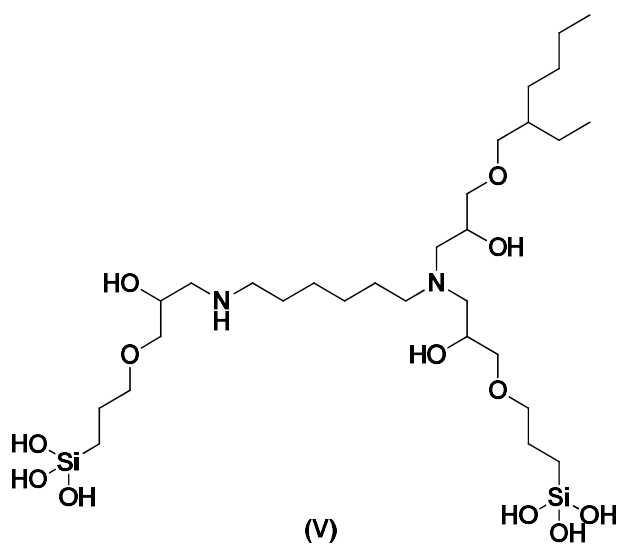
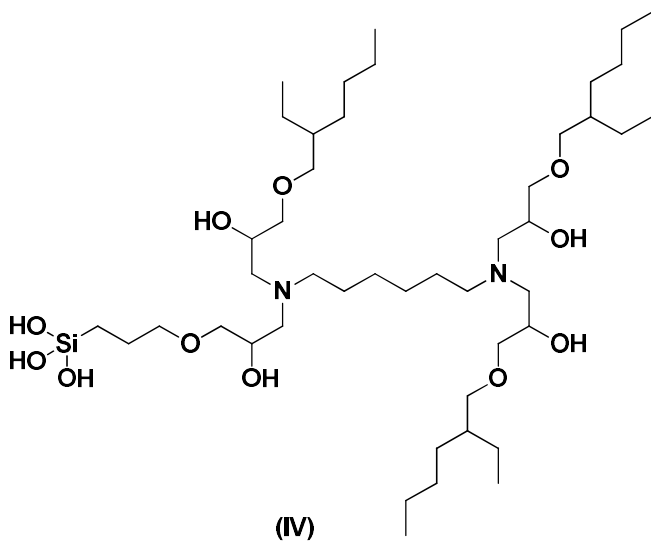


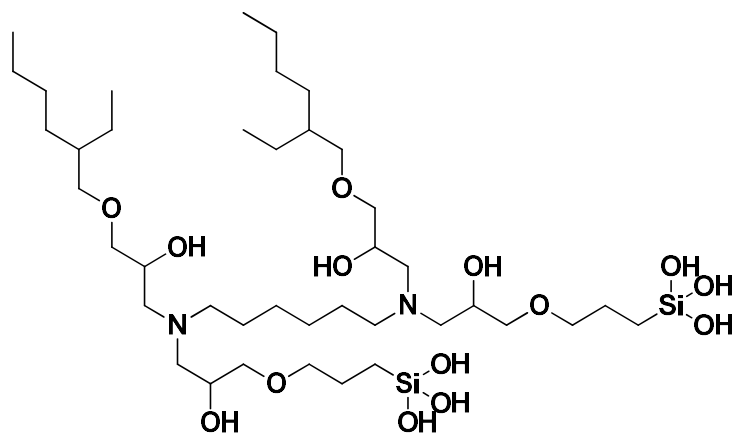


(II)

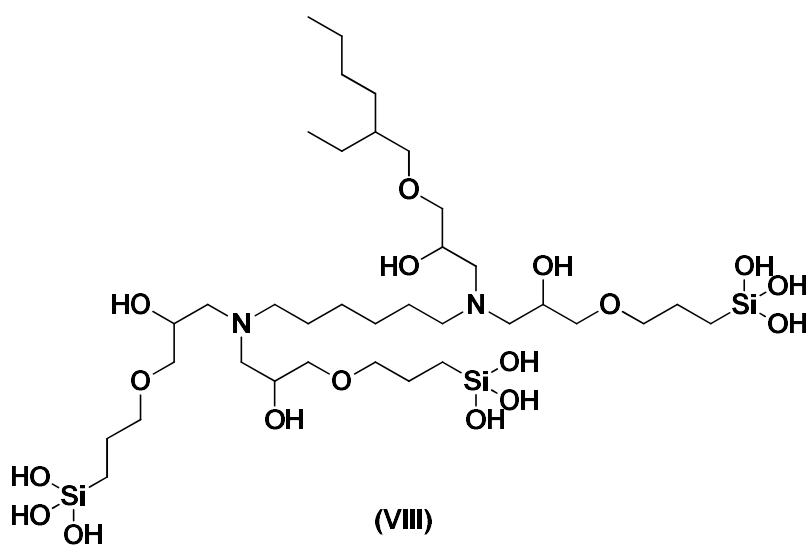


(III)

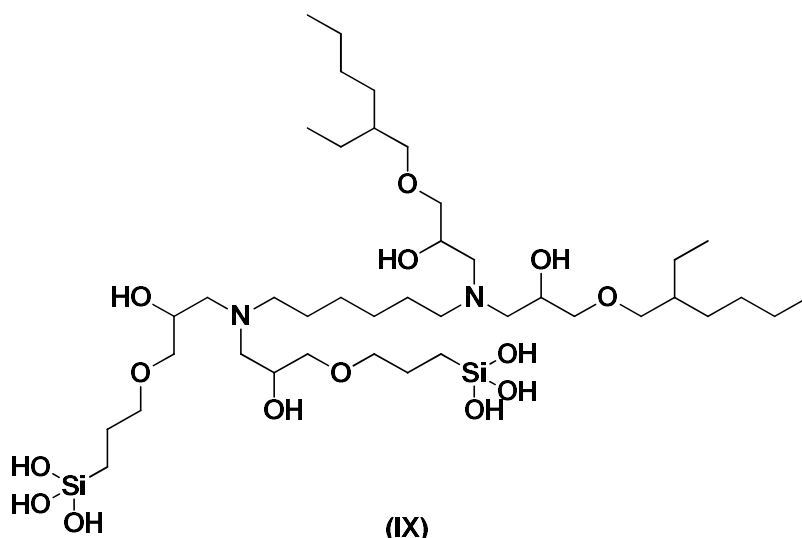




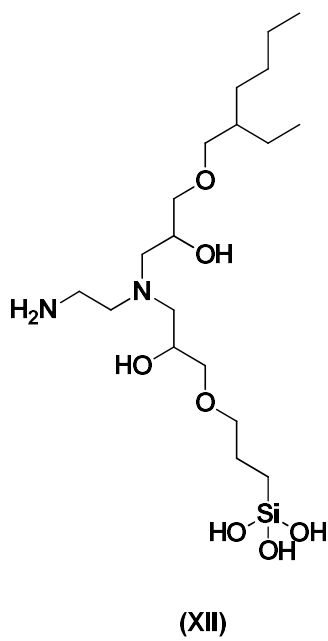
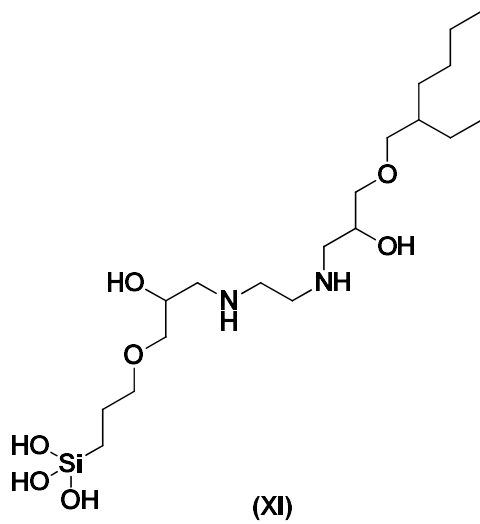
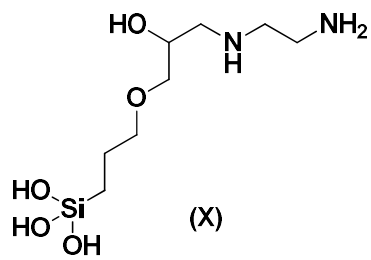
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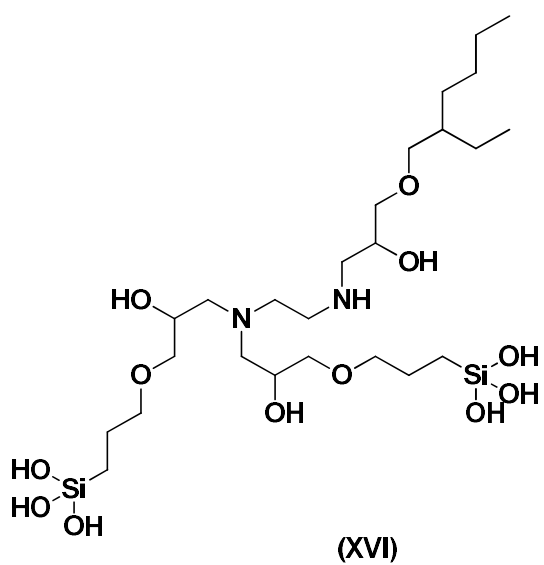
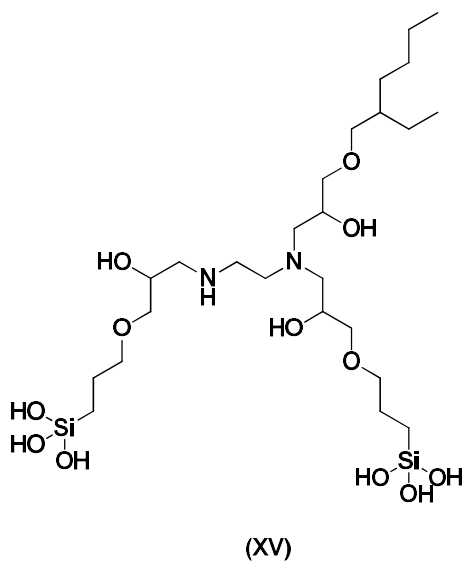
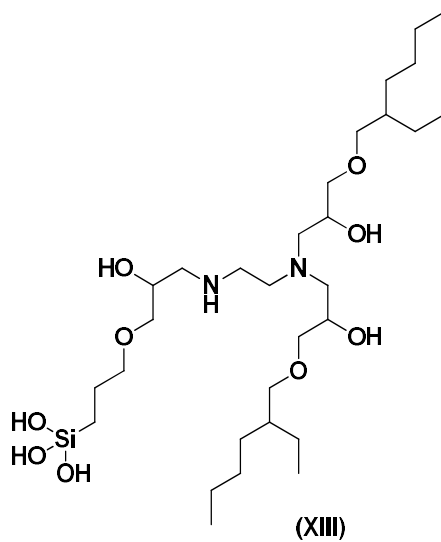


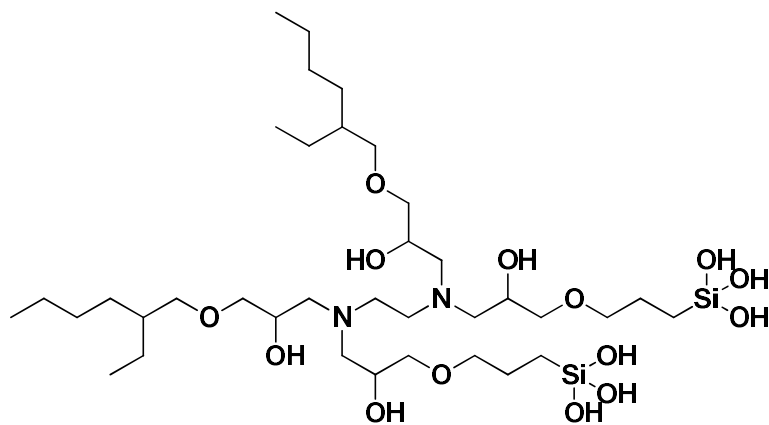
(VIII)



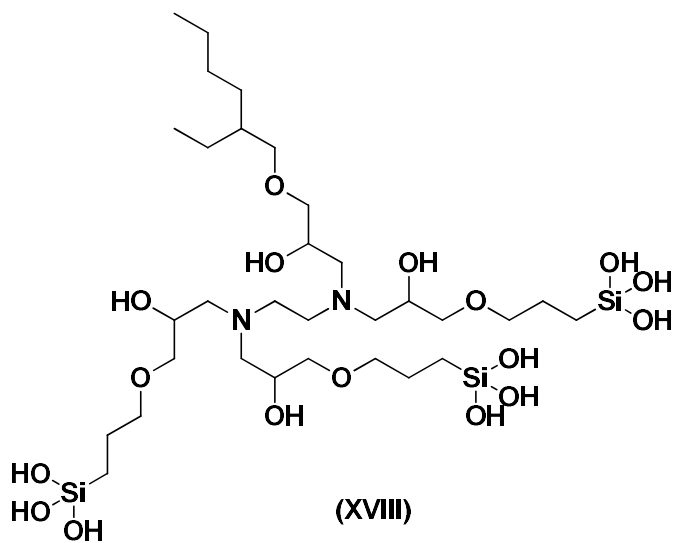
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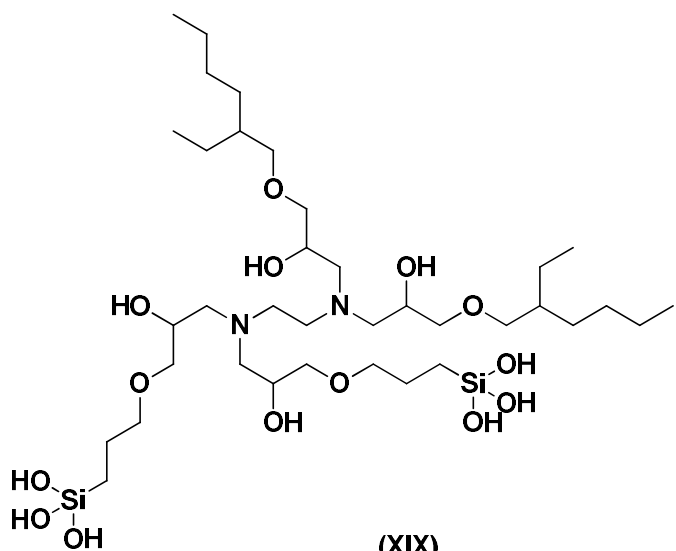




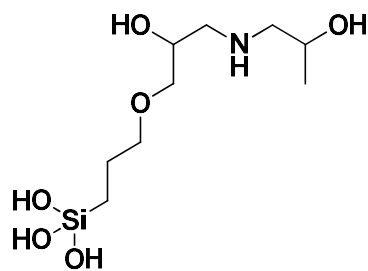
(XVII)



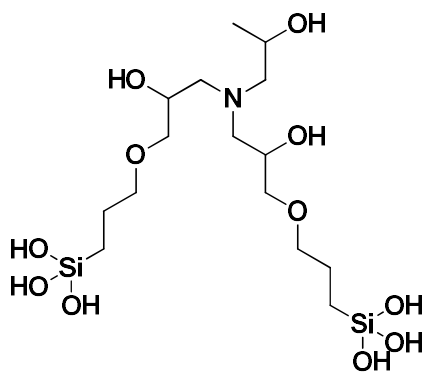
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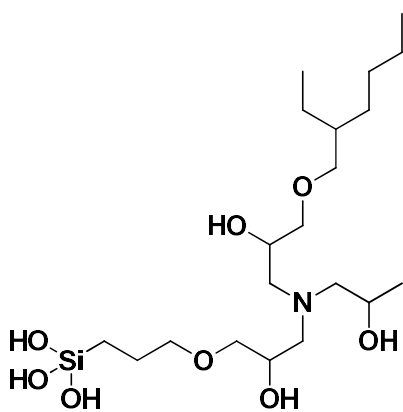
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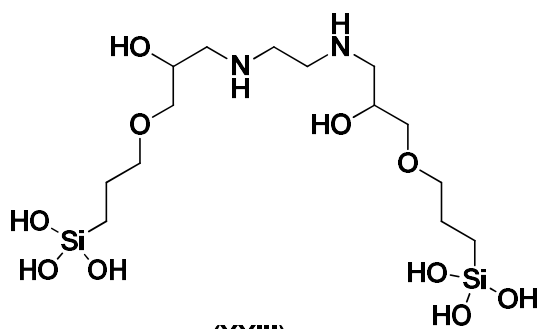
(XX)



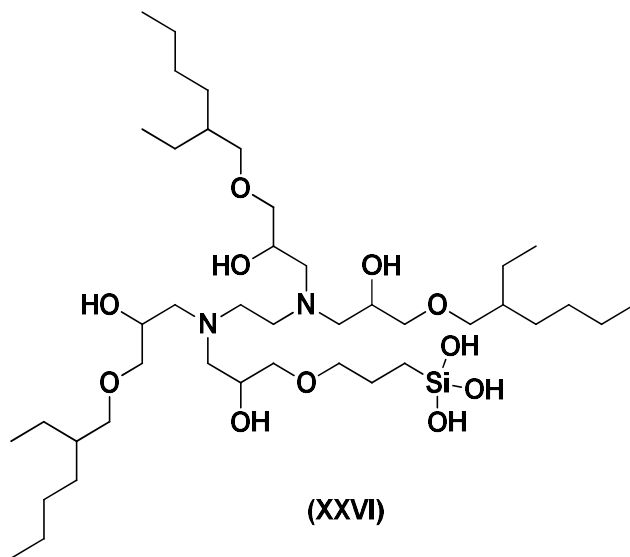
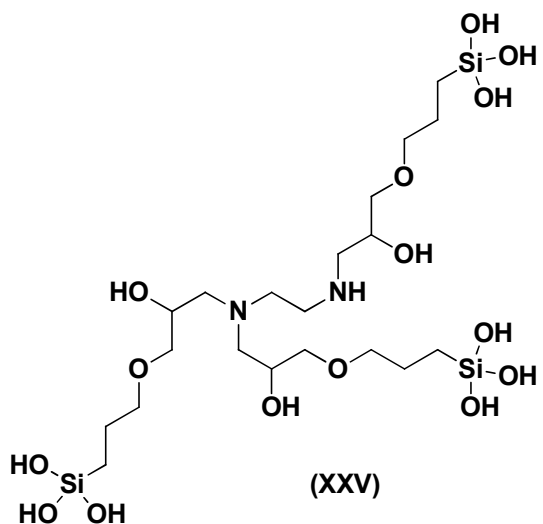
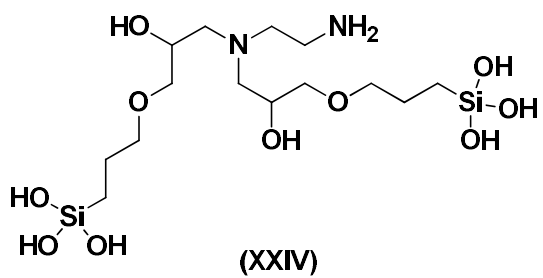
(XXI)

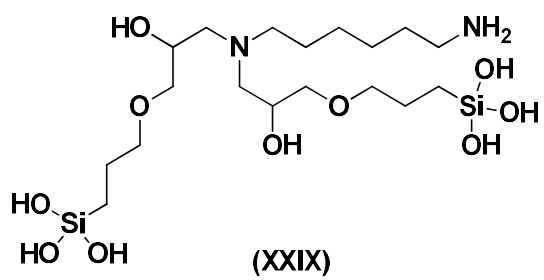
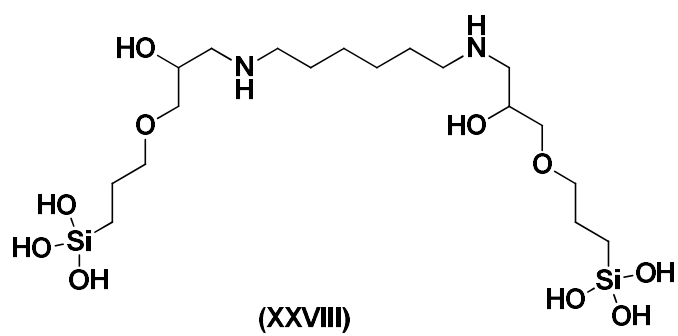
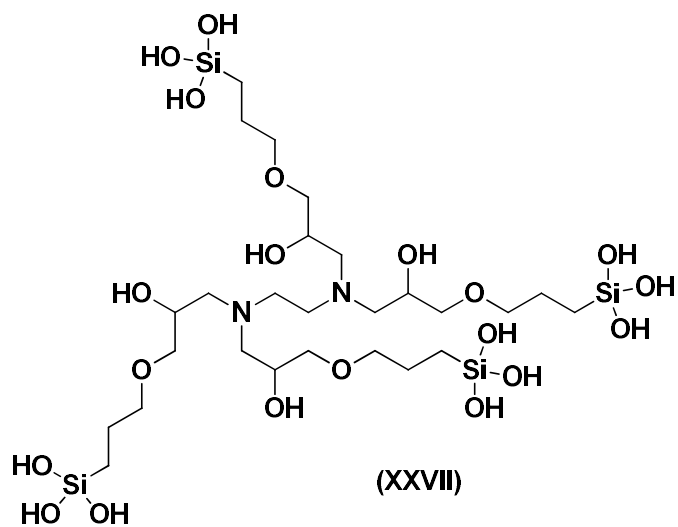


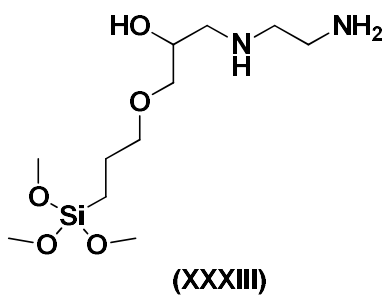
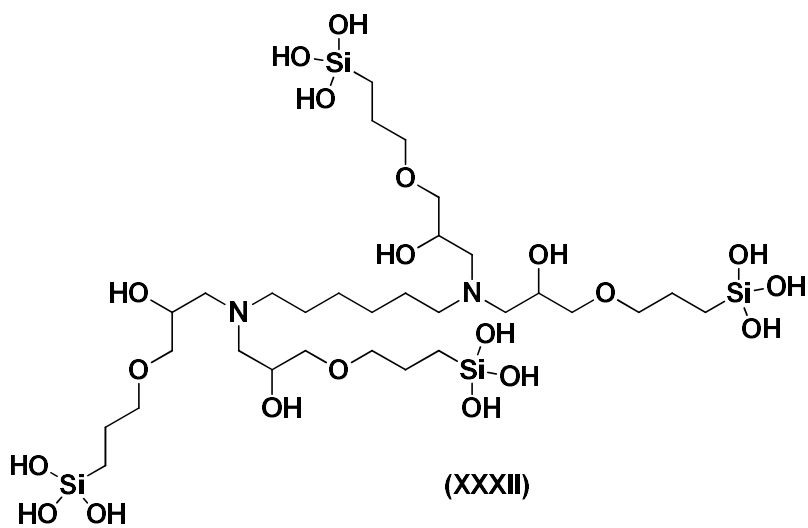
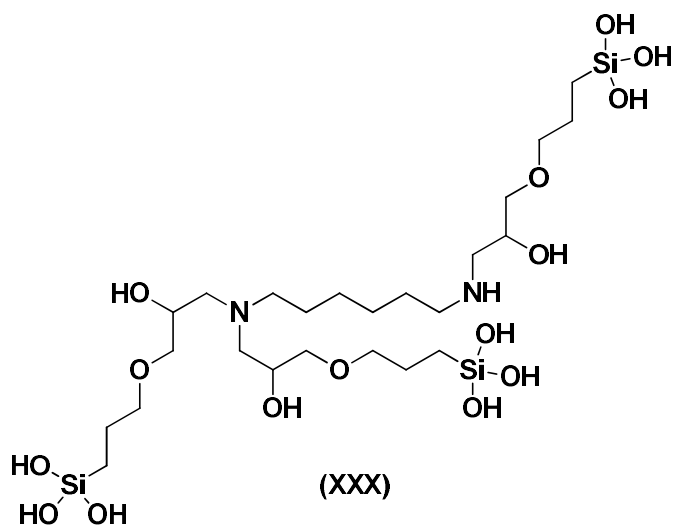
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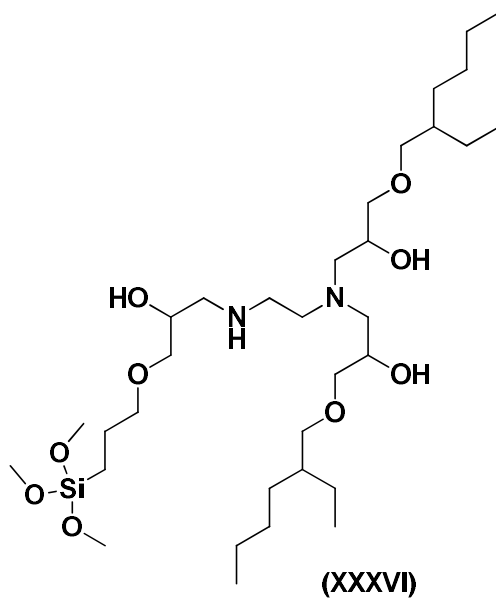
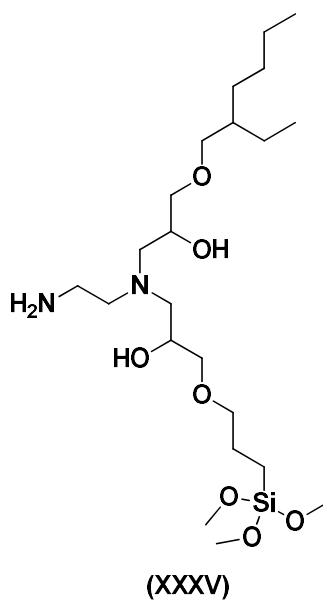
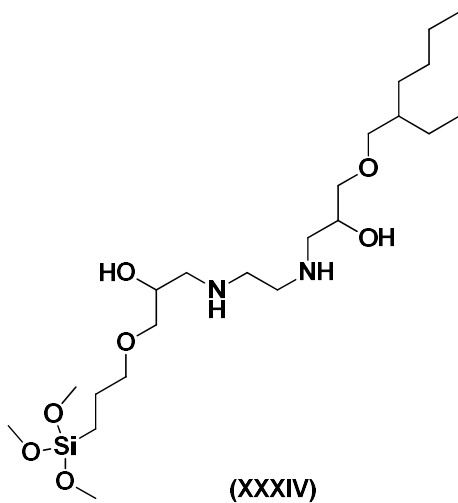


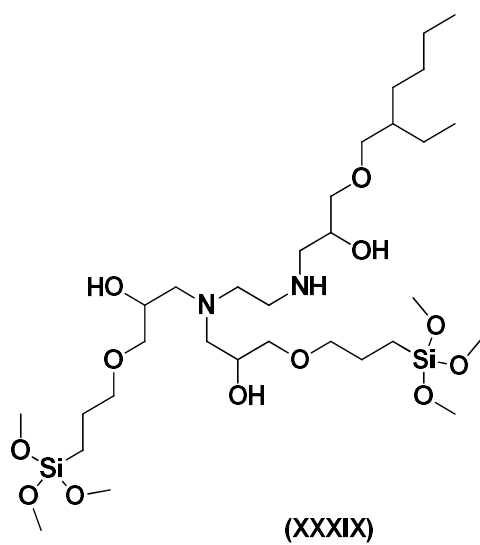
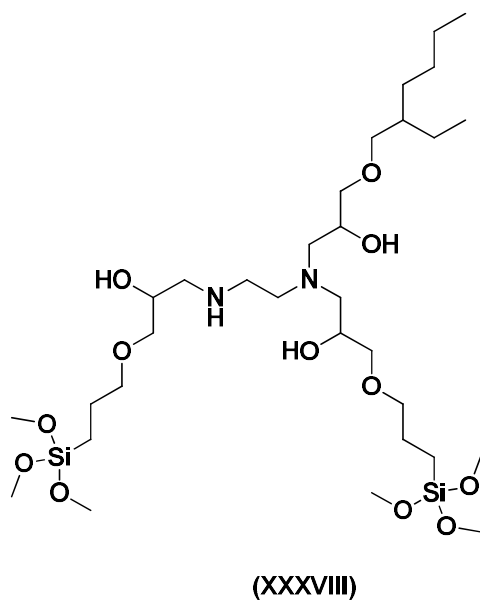
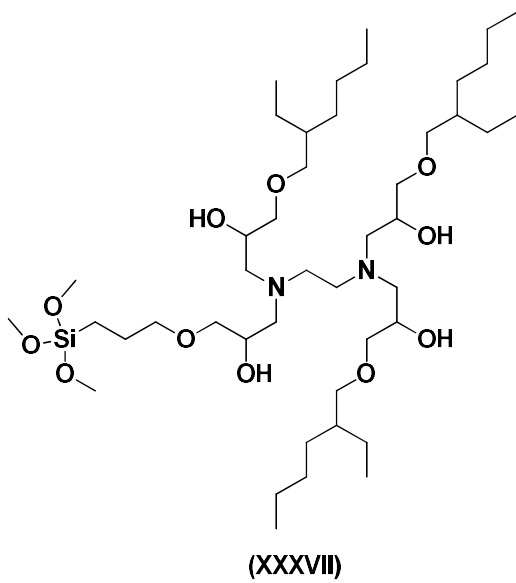
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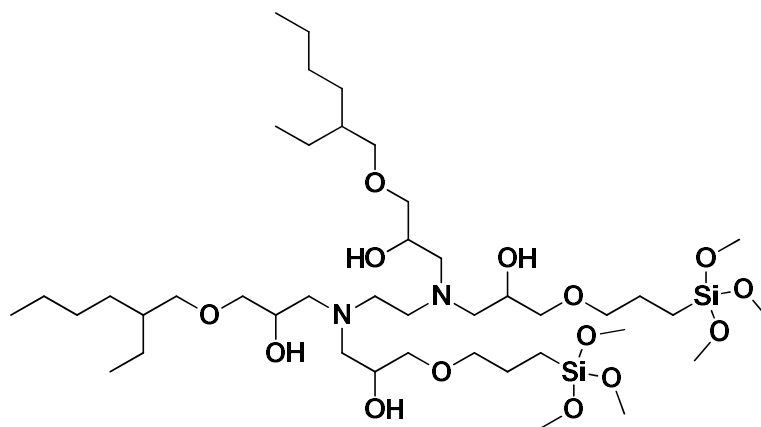




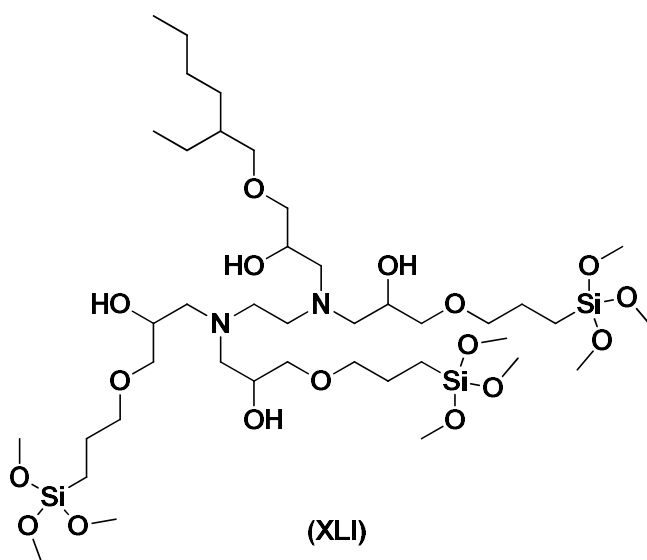




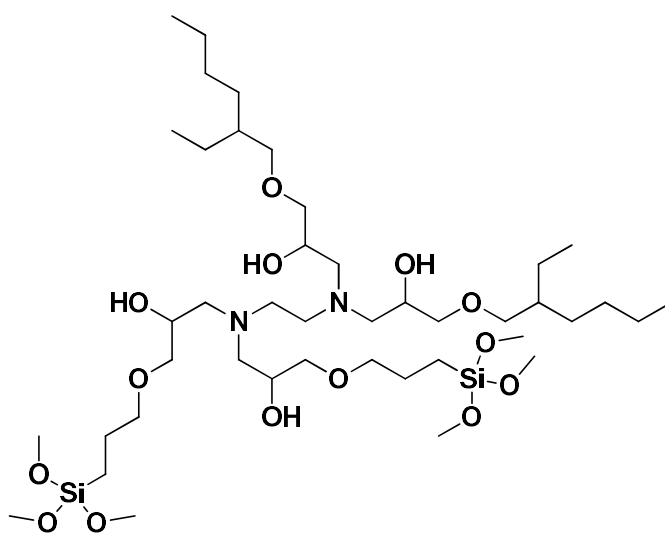




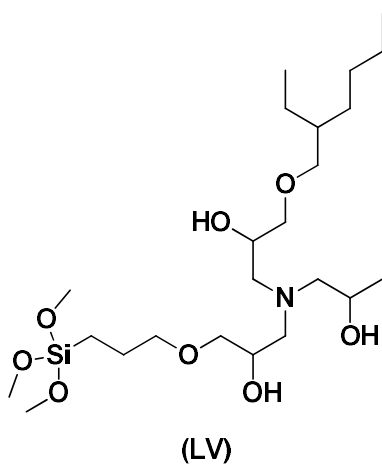
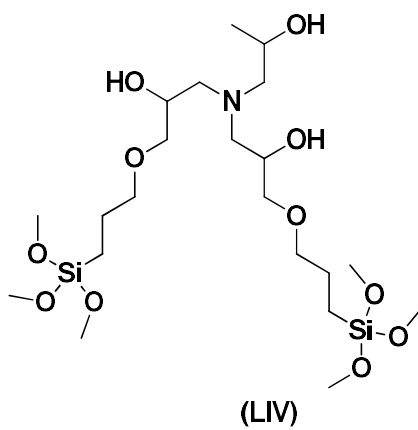
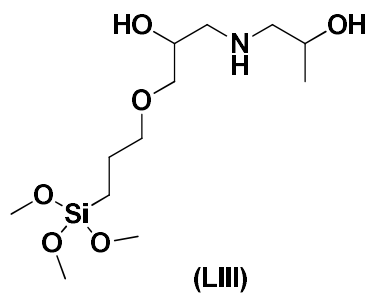
(XL)

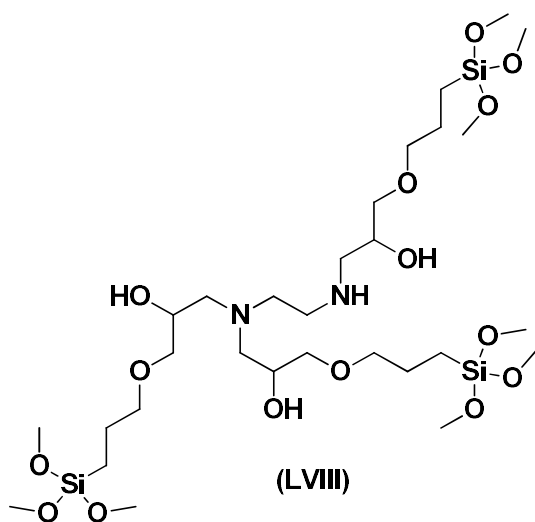
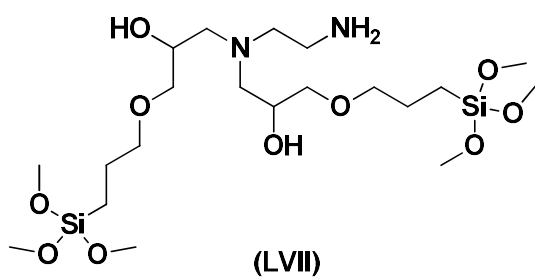
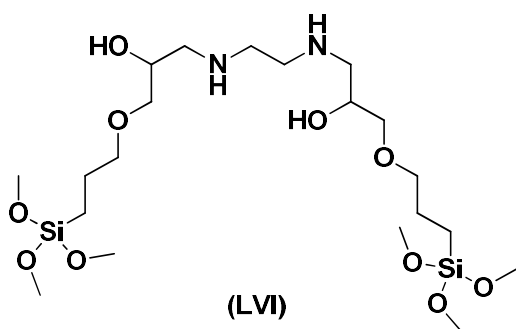


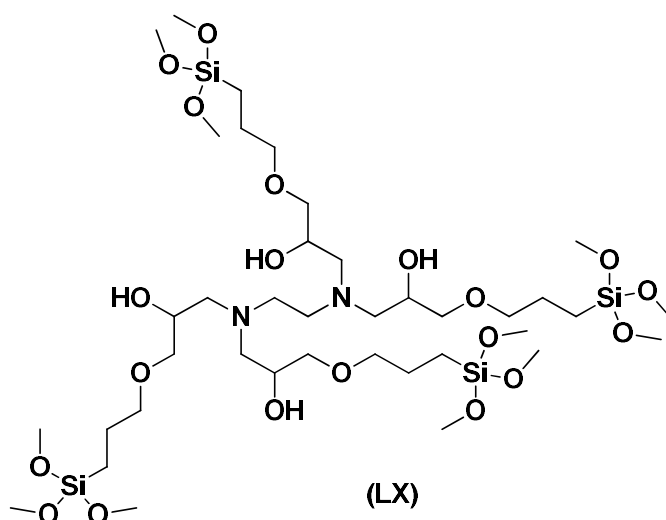
(XLI)



(XLII)







2. A method according to claim 1, wherein the composition comprises small molecules (I) through (IX), (XXVIII) through (XXX) and (XXXII) within a product mixture formed from the reaction of hexane diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether.
3. A method according to claim 1, wherein the composition comprises small molecules (X) through (XIII), (XV) through (XIX), (XXIII) through (XXVII), (XXXIII) through (XLII), (LVI) through (LVIII) and (LX) within a product mixture formed from the reaction of ethylene diamine, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether.
4. A method according to claim 1, wherein the composition comprises small molecules (XX) through (XXII) and (LIII) through (LV) within a product mixture formed from the reaction of 1-amino-2-propanol, 3-glycidoxypropyltrimethoxysilane and 2-ethylhexyl glycidyl ether.
5. A method according to any one of claims 1 to 4, wherein the composition further comprises an item selected from the list consisting of: amines, activators, antifoaming agents, co-absorbents, corrosion inhibitors, coloring agents, and any combination thereof.

6. A method according to any one of claims 1 to 4, wherein the composition comprises a solvent, the solvent is selected from the group consisting of: water, alcohols, polyols, other industrial solvents, organic solvents, and any combination thereof.
7. A method according to any one of claims 1 to 4, wherein the composition is isolated from a synthesis reaction in the form of a solid, precipitate, gel, salt and/or crystalline material in pHs ranging from 0 to 14.
8. A method according to any one of claims 1, 3 or 4, wherein the composition is hydrolyzed prior to being added to the Bayer process.