BW GH GM KE LR MW MZ LS SL ST TZ SZ NA SD SO ZM ZW UG RW

ARIPO
African Regional Intellectual Property Organization

ARIPO JOURNAL

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PERMANENT NOTICES

Lusaka Agreement

The African Regional Intellectual Property Organization (ARIPO) was established by the Lusaka Agreement which was adopted on 9 December, 1976. Objectives of the Organization are, inter alia, to promote, harmonize and develop the intellectual property system of the region.

Membership of the Organization is open to states members of the United Nations Economic Commission for Africa or of the African Union. States become members by depositing an instrument of accession to either the Lusaka Agreement or the Harare Protocol or the Swakopmund Protocol. Currently, Member States of ARIPO are those shown in the table on the right.

Harare Protocol

The Harare Protocol on Patents and Industrial Designs was adopted on 10 December, 1982. The protocol empowers ARIPO to grant patents and register industrial designs and utility models on behalf of the Harare Protocol contracting states. All ARIPO Member States are signatory to this protocol except Somalia.

Banjul Protocol

The Banjul Protocol on Marks was adopted on 19 November, 1993. The protocol empowers the Organization to register marks centrally for those ARIPO Member States which are its signatories (see table on this page).

Swakopmund Protocol

On 9 August 2010, ARIPO Member States adopted a third ARIPO protocol called the Swakopmund Protocol on the Protection of Traditional Knowledge and Expressions of Folklore. This protocol came into force on 11 May 2015.

Arusha Protocol

The Arusha Protocol for the Protection of New Varieties of Plants was adopted in Arusha, the United Republic of Tanzania on 6 July 2015.

The Protocol will enter into force when four States have deposited their instruments of ratification or accession. The Protocol will provide Member States with a regional plant variety protection system that recognizes the need to provide growers and farmers with improved varieties of plants in order to ensure sustainable agricultural production.

Patent Cooperation Treaty

The Patent Cooperation Treaty (PCT) is administered by the World Intellectual Property Organization (WIPO). Since the Harare Protocol was linked to the PCT, the PCT has become important to the development of the patent system of all ARIPO Member States.

Accessions / Ratifications

Member state	Lusaka Agreement	Harare Protocol	Banjul Protocol	Swakop mund Protocol	Arusha Protocol
Botswana	06.02.1985	06.05.1985	29.10.2003	28.03.2012	
The Gambia	15.02.1978	16.01.1986		11.02.2015	
Ghana	15.02.1978	25.04.1984			
Kenya	15.02.1978	24.10.1984			
Lesotho	23.07.1987	23.10.1987	12.02.1999		
Liberia	24.12.2009	24.03.2010	24.03.2010	25.10.2016	
Malawi	15.02.1978	25.04.1984	06.03.1997	20.12.2012	
Mozamb ique	08.02.2000	08.05.2000			
Namibia	14.10.2003	23.04.2004	14.01.2004	11.02.2015	
Rwanda	24.06.2011	24.09.2011		16.07.2012	
Sào Tomé and Príncipe	19.05.2014	19.08.2014	27.11.15		
Sierra Leone	05.12.1980	25.02.1999			
Somalia	10.12.1981				
Sudan	02.05.1978	25.04.1984			
Swaziland	17.12.1987	17.03.1988	06.03.1997		
Tanzania	12.10.1983	01.09.1999	01.09.1999		
Uganda	08.08.1978	25.04.1984	21.11.2000		
Zambia	15.02.1978	26.02.1986		28.08.2015	
Zimbabwe	11.11.1980	25.04.1984	06.03.1997	22.04.2013	

EDITORIAL

Frequency of the Journal

The ARIPO Journal: the Official Industrial Property Journal of ARIPO is published every month.

Editorial Office and Mission

The Journal is published by the ARIPO Office as part of the industrial property process under the Harare Protocol and the Banjul Protocol. (For address of the ARIPO Office, please see the section on 'Purchases and Subscriptions' and 'General Contact Addresses' below.)

Advertisements

Any person, natural or body corporate, may advertise in the Journal on a matter of, or relating to, intellectual property (such as vacancies, new appointments, meetings, etc.). The cost of advertisement is:

a) US $20.00 per half column, or part thereof, measuring size 8.5 cm (across) X 12 cm (depth);
b) US $35.00 per full column, or part thereof, measuring size 8.5 cm (across) X 24 cm (depth);
c) US $40.00 per half page and US $70.00 per full page.

Concessionary rates are available at 20% reduced rate for any number of multiple insertions.

Purchases and Subscriptions

The ARIPO Journal is available on the ARIPO e-service platform (http://eservice.aripo.org/ppb/pjd/PPBJournalViewList.do) for free downloading.

However, should any reader prefer the print format over the electronic version, purchases can be made at US$ 100.00 per paper copy. Annual subscriptions (inclusive of postage) are at US $1 200.00. All purchases and subscriptions can be made at the following address:

Physical:
Reception, ARIPO Office, No. 11 Natal Road, Belgravia, Harare, Zimbabwe.

Postal:
Director General, ARIPO, P.O. Box 4228, Harare, Zimbabwe.

General Contact Addresses

Communication with, or information about, the Organization for any matter generally may be made or obtained at the following addresses in addition to the ones indicated above:

Telephone:
(+2634) 794065/6/8, 794074.

Facsimile:
(+2634) 794072/3.

E-mail:
<mail@aripo.org>.

Website:
<www.aripo.org>.

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GENERAL NOTICES

Data Flow Symbols

Symbols in the following table are ARIPO-originated and are used in this publication for directing the flow of announcement columns, namely that a record (which is the largest unit in an announcement column) is ended and that an announcement column continues on the next page or it is ended.

Symbol	Interpretation
●●	End of a record in an announcement column
■	End of an announcement column

Symbol	Interpretation
▶	An announcement column continues on the next page

Data Identification Codes

The data identification codes appearing in the next four tables are WIPO Standards. The first three of these tables contain codes universally known as **I**nternationally recognized **N**umbers for the **I**dentification of **D**ata (INID) Codes. These Standards are, namely, WIPO Standard ST. 60 (Recommendation concerning bibliographic data relating to marks), Standard ST. 9 (Recommendation concerning bibliographic data on and relating to patents and supplementary protection certificates (SPCs)), Standard ST. 80 (Recommendation concerning bibliographic data relating to industrial designs) and Standard ST. 3 (Recommended standard on two-letter codes for the representation of states, other entities and intergovernmental organizations).

INID Codes For Marks

Code	Interpretation
(111)	Registration number
(151)	Date of registration
(210)	Application number
(220)	Filing date

Code	Interpretation
(511)	Symbol of the Nice Class
(571)	Description of the mark
(731)	Applicant's name
(740)	Representative's name

Code	Interpretation
(814)	Designated states
(869)	Accepted with reserve

INID Codes For Patents

Code	Interpretation
(11)	Patent number
(21)	Application number
(22)	Filing date
(23)	Date when action is to be taken, if in announcements for "*Patent Applications Pending Grant*"; date from which status takes effect, if in "*Applications Abandoned*" or in "*Patents Abandoned*"
(24)	Effective date of patent
(31)	Priority number
(32)	Priority date
(33)	Convention country / Convention organization
(45)	Date of publication
(51)	Symbol of the International Patent Classification (IPC)

Code	Interpretation
(54)	Title of the invention
(56)	List of prior art documents cited in the examination
(57)	Abstract
(71)	Applicant's name. If in announcements concerning *"Patent Applications Assigned"* or *"Patents Assigned"*, this code represents the name of the assignee (or the name of the new owner of the patent application or the name of the new owner of the patent)
(72)	Name(s) of inventor(s)

Code	Interpretation
(73)	Name(s) of holder(s) of patent or patentee's name. If in announcements concerning *"Patent Applications Assigned"* or *"Patents Assigned"*, this code represents the name of the assignor (or the name of the current owner of the patent application or the name of the current owner of the patent)
(74)	Attorney's name
(75)	Name(s) of inventor(s) who is/are also applicant(s)
(84)	States designated under the Harare Protocol
(86)	Patent Cooperation Treaty (PCT) international filing date and number
(96)	Harare Protocol filing date and number

Data Identification Codes (Contd.)

INID Codes For Industrial Designs

Code	Interpretation
(11)	Design registration number
(21)	Design application number
(22)	Filing date
(24)	Effective date of registration of design
(31)	Priority number
(32)	Priority date
(33)	Convention country / Convention organization
(40)	Publication date
(51)	Symbol of the Locarno Classification
(54)	Title of the design
(55)	Symbol of the design
(71)	Applicant's name
(72)	Name of creator of the design
(73)	Name of holder of the design registration
(74)	Attorney's name
(75)	Name(s) of creator(s) who is/are also applicant(s)
(84)	States designated under the Harare Protocol

Country/Organization Codes Used in This Issue of the Journal

Code	Country / Organization
AP	African Regional Intellectual Property Organization (ARIPO)
AU	Australia
BE	Belgium
BR	Brazil
BW	Botswana
CN	China
CZ	Czech Republic
DE	Germany
DK	Denmark
EM	EUIPO
EP	European Pantent Office
ES	Spain
FI	Finland
FR	France
GB	United Kingdom
GH	Ghana
GM	The Gambia
HU	Hungary
IN	India
JP	Japan
KE	Kenya
KR	Republic of Korea
LR	Liberia
LS	Lesotho
MW	Malawi
MZ	Mozambique
NA	Namibia
RW	Rwanda
SD	Sudan
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	Swaziland
TZ	United Republic of Tanzania
UG	Uganda
US	United States of America
ZA	South Africa
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2018/003287
(220) 02.03.2018
(511) Int. Cl. 35: ZW
(731) HAMBIRA Mudiwa
(740) GILL, GODLONTON & GERRANS
(814) ZW
(540)

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(210) AP/M/2018/003288
(220) 05.03.2018
(511) Int. Cl. 35: ZW
(731) HAMBIRA Mudiwa
(740) GILL, GODLONTON & GERRANS
(814) ZW
(540) **PAMBENI**

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(210) AP/M/2018/003289
(220) 13.03.2018
(511) Int. Cl. 25: LR, LS, NA, TZ, UG
(731) F. T. M. GARMENTS SWAZILAND (PTY) LTD
(740) HUSSEIN RANCHHOD & CO
(814) LR, LS, NA, TZ, UG
(540) **JABULANI & JABULILE**

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(210) AP/M/2018/003290
(220) 13.03.2018
(511) Int. Cl. 25: LR, LS, NA, TZ, UG
(731) F. T. M. GARMENTS SWAZILAND (PTY) LTD
(740) HUSSEIN RANCHHOD & CO
(814) LR, LS, NA, TZ, UG
(540)

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(210) AP/M/2018/003291
(220) 13.03.2018
(511) Int. Cl. 29, 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) AL ATHEED GENERAL TRADING L.L.C.
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2018/003292
(220) 09.03.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) United Brothers Co. For Industries, Import & Export
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2018/003293
(220) 14.03.2018
(511) Int. Cl. 41 and 45: ZW
(731) SAKALA Bongani, WAZARA Mary and MUBI Shealla
(740) MUBI Shealla
(814) ZW
(540)

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(210) AP/M/2018/003294
(220) 16.03.2018
(511) Int. Cl. 10 and 44: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MILBORROW ANIMAL HEALTH (ZIMBABWE) (PRIVATE) LIMITED
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS (3EYES)
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540) **VITA-**

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(210) AP/M/2018/003295
(220) 20.03.2018
(511) Int. Cl. 38: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) YADAH CONNECT (PVT) LTD
(740) PETER TINOTENDA CHAKWENYA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2018/003296
(220) 20.03.2018
(511) Int. Cl. 41: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) YADAH CONNECT (PVT) LTD
(740) PETER TINOTENDA CHAKWENYA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2018/003297
(220) 25.03.2018
(511) Int. Cl. 36: BW, LS, NA, SZ, ZW
(731) DYLES CONS INVESTMENTS PRIVATE LIMITED
(740) DUMISANI MSIPA
(814) BW, LS, NA, SZ, ZW
(540) **EPCIC Logo**

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(210) AP/M/2018/003298
(220) 27.03.2018
(511) Int. Cl. 35 and 44: ZW
(731) DUDZAI Doreen Mureyi
(740) Tirivanhu Tafara Mureyi
(814) ZW
(540)

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Mark Applications Filed (Contd.)

(210) AP/M/2018/003299
(220) 27.03.2018
(511) Int. Cl. 35 and 44: ZW
(731) DUDZAI Doreen Mureyi
(740) Tirivanhu Tafara Mureyi
(814) ZW

(540) mushonga·info
Because finding medicines shouldn't take forever!

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(210) AP/M/2018/003300
(220) 27.03.2018
(511) Int. Cl. 3: ZW
(731) GERALDINE Zikwature
(740) GERALDINE Zikwature
(814) ZW

(540)

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(210) AP/M/2018/003301
(220) 27.03.2018
(511) Int. Cl. 30: TZ
(731) GREAT LAKES BRANDS LIMITED
(740) Kentaro Mugerwa & CO. Advocates, Solcitors and Consultants.
(814) TZ

(540)

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(210) AP/M/2018/003302
(220) 27.03.2018
(511) Int. Cl. 30: TZ
(731) GREAT LAKES BRANDS LIMITED
(740) Kentaro Mugerwa & CO. Advocates, Solcitors and Consultants.
(814) TZ

(540)

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(210) AP/M/2018/003303
(220) 28.03.2018
(511) Int. Cl. 3 and 25: NA, ZW
(731) Vizolet Kuwanda
(740) Vizolet Kuwanda
(814) NA, ZW

(540) brother's beard inc

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(210) AP/M/2018/003304
(220) 29.03.2018
(511) Int. Cl. 9 and 42: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Saal Operating Systems - Sole Proprietorship LLC
(740) B MATANGA IP ATTORNEYS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **SAAL.AI**

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(210) AP/M/2018/003305
(220) 28.03.2018
(511) Int. Cl. 4, 7, 9, 37, 39, 40 and 42: ZW
(731) ASSOCIATED ENERGY SERVICES (PROPRIETARY) LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

(540) **AES**

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(210) AP/M/2018/003306
(220) 28.03.2018
(511) Int. Cl. 4, 7, 9, 37, 39, 40 and 42: ZW
(731) ASSOCIATED ENERGY SERVICES (PROPRIETARY) LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

(540) AES
SINCE 1996
ASSOCIATED ENERGY SERVICES

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Mark Applications Abandoned

(210) AP/M/2016/002828
(220) 21.11.2016
(511) Int. Cl. 10: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INNOVATA
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

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Marks Pending Registration

(210) AP/M/2016/002558
(220) 07.01.2016
(511) Int. Cl. 26 and 35: BW, NA, ZW
(731) EJIMBE Obinnaya Ifiora
(740) HONEY & BLANCKENBERG
(814) BW, NA, ZW
(540) Innate

●●

(210) AP/M/2016/002665
(220) 01.06.2016
(511) Int. Cl. 45: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Association of European Parliamentarians with Africa
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540) **AWEPA**

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(210) AP/M/2016/002796
(220) 01.11.2016
(511) Int. Cl. 1, 5 and 30: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BOTSWANA ASH (PTY) LTD
(740) CHEMPLEX CORPORATION
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540) **BOTSALT**

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(210) AP/M/2016/002822
(220) 16.11.2016
(511) Int. Cl. 16: ZW
(731) NORUPRITA ENTERPRISES
(740) CHAKANETSA Tapuwa
(814) ZW
(540) QUILTON

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(210) AP/M/2016/002826
(220) 21.11.2016
(511) Int. Cl. 5: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INNOVATA
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) BioDTox

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(210) AP/M/2016/002827
(220) 21.11.2016
(511) Int. Cl. 3 and 44: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INNOVATA
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) Avarise

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(210) AP/M/2016/002828
(220) 21.11.2016
(511) Int. Cl. 10: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INNOVATA
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) ava-TANYX

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(210) AP/M/2016/002829
(220) 21.11.2016
(511) Int. Cl. 5: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INNOVATA
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) CREATIN

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(210) AP/M/2016/002831
(220) 21.11.2016
(511) Int. Cl. 5: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INNOVATA
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) avalife

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(210) AP/M/2017/002854
(220) 09.01.2017
(511) Int. Cl. 37: BW, MW, NA, TZ, UG, ZW
(731) FENG Xiaofeng
(740) SEKETE Brian
(814) BW, MW, NA, TZ, UG, ZW
(540) SATEWAVE Technologies P/L

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(210) AP/M/2017/002871
(220) 16.02.2017
(511) Int. Cl. 29 and 39: ZW
(731) ASSOCIATED MEAT PACKERS (PRIVATE) LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW
(540) BUTCHER Box

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(210) AP/M/2017/002892
(220) 09.03.2017
(511) Int. Cl. 41: ZW
(731) SEKETE Brian Zwomoyo
(740) SEKETE Brian Zwomoyo
(814) ZW
(540) REAZ RENEWABLE ENERGY ASSOCIATION OF ZIMBABWE

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Marks Pending Registration (Contd.)

(210) AP/M/2017/002899
(220) 23.03.2017
(511) Int. Cl. 29, 30 and 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) ATAYA FOODS S.A.L.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2017/002903
(220) 21.03.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) GOLDWING (PROPRIETARY) LIMITED T/A CELL CITY
(740) MAWERE AND SIBANDA LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540) **Cell City**

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(210) AP/M/2017/002904
(220) 21.03.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) GOLDWING (PROPRIETARY) LIMITED T/A CELL CITY
(740) MAWERE AND SIBANDA LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2017/002910
(220) 30.03.2017
(511) Int. Cl. 9, 38 and 41: MW, TZ, UG, ZW
(731) JEUNESSE TV
(740) COWLEY INCORPORATED
(814) MW, TZ, UG, ZW
(540) **GULLI**

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(210) AP/M/2017/002917
(220) 11.04.2017
(511) Int. Cl. 11: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) M/s. ZAVERI & ALLANA TRADING LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2017/002918
(220) 12.04.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) M/s. DELTA SMART INNOVATIONS GENERAL TRADING LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2017/002919
(220) 13.04.2017
(511) Int. Cl. 29 and 30: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SHAN FZC
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

●●

(210) AP/M/2017/002920
(220) 13.04.2017
(511) Int. Cl. 10: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MEDICINES360
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540)

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(210) AP/M/2017/002921
(220) 13.04.2017
(511) Int. Cl. 35, 36, 42 and 45: NA
(731) RÖDL Christian
(740) HONEY & BLANCKENBERG
(814) NA
(540) **RÖDL**

●●

(210) AP/M/2017/002922
(220) 13.04.2017
(511) Int. Cl. 35, 36, 42 and 45: NA
(731) Rödl Equity Partner Beteiligung GmbH & Co. KG
(740) HONEY & BLANCKENBERG
(814) NA
(540) **RÖDL & PARTNER**

●●

(210) AP/M/2017/002928
(220) 08.05.2017
(511) Int. Cl. 7, 9, 11 and 17: ZW
(731) A.Lucky Brand (Pvt) Ltd
(740) HUSSEIN RANCHHOD & CO
(814) ZW
(540)

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(210) AP/M/2017/002929
(220) 08.05.2017
(511) Int. Cl. 7, 9, 11 and 17: ZW
(731) A.Lucky Brand (Pvt) Ltd
(740) HUSSEIN RANCHHOD & CO
(814) ZW
(540)

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(210) AP/M/2017/002930
(220) 09.05.2017
(511) Int. Cl. 34: TZ, UG
(731) LIU Hsiao Cheng
(740) HONEY & BLANCKENBERG
(814) TZ, UG
(540)

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(210) AP/M/2017/002931
(220) 09.05.2017
(511) Int. Cl. 34: TZ, UG
(731) LIU Hsiao Cheng
(740) HONEY & BLANCKENBERG
(814) TZ, UG
(540)

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Marks Pending Registration (Contd.)

(210) AP/M/2017/002932
(220) 09.05.2017
(511) Int. Cl. 1 and 5: BW, LR, ZW
(731) INTERHEALTH NUTRACEUTICALS INCORPORATED
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, ZW

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(210) AP/M/2017/002933
(220) 11.05.2017
(511) Int. Cl. 29 and 30: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) United UR for Investment Company
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(540) **Alwazah**

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(210) AP/M/2017/002943
(220) 31.05.2017
(511) Int. Cl. 31: TZ, UG
(731) Coöperatie Agrico U.A.
(740) HONEY & BLANCKENBERG
(814) TZ, UG
(540) **AGRICO**

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(210) AP/M/2017/002945
(220) 17.05.2017
(511) Int. Cl. 35: ZW
(731) OPENRATE (PRIVATE) LIMITED
(740) BHEBHE Vusumuzi
(814) ZW
(540) open rate zim

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(210) AP/M/2017/002946
(220) 24.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) Khuluma24/7 VOICE BUNDLES CALL ANYONE ANYTIME

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(210) AP/M/2017/002947
(220) 24.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) NEWS ON ONE Hear it First

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(210) AP/M/2017/002948
(220) 24.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) OneGlobal Stay connected, anywhere worldwide

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(210) AP/M/2017/002949
(220) 24.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) ONE MUSIC Yo Music. Yo Network.

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(210) AP/M/2017/002950
(220) 24.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) OneRadio Your favourite shows on the go

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(210) AP/M/2017/002951
(220) 24.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) OneCliq Get Talking

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(210) AP/M/2017/002952
(220) 26.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) NetOne One-Fi

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(210) AP/M/2017/002953
(220) 26.05.2017
(511) Int. Cl. 38: BW, LR, LS, MW, NA, SZ, TZ, UG
(731) NETONE CELLULAR (PRIVATE) LIMITED
(740) COGHLAN, WELSH & GUEST
(814) BW, LR, LS, MW, NA, SZ, TZ, UG
(540) MONEY ONE TIME

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Marks Pending Registration (Contd.)

(210) AP/M/2017/002958
(220) 31.05.2017
(511) Int. Cl. 31: TZ, UG
(731) Coöperatie Agrico U.A.
(740) HONEY & BLANCKENBERG
(814) TZ, UG

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(210) AP/M/2017/002960
(220) 08.06.2017
(511) Int. Cl. 41: ZW
(731) MAKERWARE Pbc
(740) MAKERWARE Pbc
(814) ZW

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(210) AP/M/2017/002963
(220) 12.06.2017
(511) Int. Cl. 9, 14, 15, 16, 25, 35, 38, 41, 42 and 45: BW, LR, LS, MW, NA, ST, SZ, TZ, UG
(731) YADAH TV
(740) YADAH TV
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

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(210) AP/M/2017/002965
(220) 12.06.2017
(511) Int. Cl. 4, 7, 9, 12, 13, 14, 29, 35, 38 and 45: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) YADAH TV
(740) YADAH TV
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2017/002966
(220) 12.06.2017
(511) Int. Cl. 9, 12, 14, 16, 25, 32, 35, 41, 43 and 45: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) PHD MINISTRIES
(740) PHD MINISTRIES
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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Marks Registered

(111) AP/M/2012/001535
(151) 06.02.2018
(220) 20.09.2012
(511) Int. Cl. 7: ZW
(731) ZHEJIANG DOYIN PUMP INDUSTRY CO. LTD
(740) B MATANGA IP ATTORNEYS
(814) ZW

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(111) AP/M/2013/001881
(151) 26.03.2018
(220) 15.11.2013
(511) Int. Cl. 12 and 16: BW, LR, MW, NA
(731) Sara (Hong Kong) Limited
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, MW, NA

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(111) AP/M/2014/002000
(151) 15.03.2018
(220) 16.04.2014
(511) Int. Cl. 9 and 11: BW, MW, NA, TZ
(731) A & L ENTERPRISES
(740) GILL, GODLONTON & GERRANS
(814) BW, MW, NA, TZ

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Marks Registered (Contd.)

(111) AP/M/2014/002164
(151) 26.03.2018
(220) 15.09.2014
(511) Int. Cl. 20: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) INTERCOIL INTERNATIONAL LLC
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) Intercoil انتركويل

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(111) AP/M/2015/002278
(151) 12.03.2018
(220) 12.01.2015
(511) Int. Cl. 5: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) F. HOFFMANN-LA ROCHE AG
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) **ESBRIET**

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(111) AP/M/2015/002340
(151) 29.03.2018
(220) 13.03.2015
(511) Int. Cl. 5: TZ, UG, ZW
(731) SUN PHARMACEUTICAL INDUSTRIES LIMITED
(740) HONEY & BLANCKENBERG
(814) TZ, UG, ZW
(540) **ETOCOXX**

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(111) AP/M/2015/002468
(151) 12.03.2018
(220) 25.08.2015
(511) Int. Cl. 29: ZW
(731) HARRISON Anthony John and WRIGHT Peter David
(740) GILL, GODLONTON & GERRANS
(814) ZW
(540) BOVITE

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(111) AP/M/2016/002585
(151) 27.03.2018
(220) 03.02.2016
(511) Int. Cl. 29: ZW
(731) WRIGHT Peter David
(740) GILL, GODLONTON & GERRANS LEGAL PRACTITIONERS
(814) ZW
(540) **MORA**

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(111) AP/M/2016/002610
(151) 23.03.2018
(220) 07.03.2016
(511) Int. Cl. 29: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) GLORIA S.A.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(540) **CORLASA**

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(111) AP/M/2016/002631
(151) 27.03.2018
(220) 22.04.2016
(511) Int. Cl. 9, 12, 35 and 37: ZW
(731) ASSOCIATED BELTS & BEARINGS (PRIVATE) LIMITED
(740) GILL, GODLONTON & GERRANS LEGAL PRACTITIONERS
(814) ZW
(540) STROBE SHOCK ABSORBERS

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(111) AP/M/2016/002774
(151) 19.03.2018
(220) 23.09.2016
(511) Int. Cl. 36: BW, ZW
(731) REMITIX LIMITED
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, ZW
(540) **MUKURU**

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(111) AP/M/2016/002789
(151) 06.03.2018
(220) 11.10.2016
(511) Int. Cl. 9: BW, LS, MW, NA, SZ, TZ, UG, ZW
(731) THE STANDARD TRANSFER SPECIFICATION ASSOCIATION
(740) COGHLAN, WELSH & GUEST
(814) BW, LS, MW, NA, SZ, TZ, UG, ZW
(540) STS ASSOCIATION

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Marks Renewed

Registration No.	Date Fee Paid	Valid Until	Anniversary
AP/M/1998/000117	05.03.2018	28.05.2028	20th yr
AP/M/1998/000118	05.03.2018	28.05.2028	20th yr
AP/M/2006/000423	28.02.2018	27.10.2026	10th yr
AP/M/2006/000427	28.02.2018	27.10.2026	10th yr
AP/M/2006/000428	28.02.2018	27.10.2026	10th yr
AP/M/2008/000582	27.02.2018	13.02.2028	10th yr
AP/M/2008/000596	13.03.2018	14.03.2028	10th yr
AP/M/2008/000603	28.02.2018	15.04.2028	10th yr
AP/M/2008/000612	07.02.2018	29.05.2028	10th yr
AP/M/2008/000639	15.03.2018	13.08.2028	10th yr
AP/M/2008/000776	28.02.2018	10.11.2028	10th yr

PATENTS

Patent Applications Filed

(21) AP/P/2018/010558
(22) 01.03.2018
(23) 01.03.2018
(31) 10 2017 002 614.9
(32) 01.03.2017 (33) DE
(51) **A61D 19/04 (2006.01)**
(54) ASSEMBLY FOR ULTRASOUND-ASSISTED MANIPULATION AT THE FEMALE REPRODUCTIVE ORGANS OF LARGE MAMMALS AND USE OF THE ASSEMBLY
(72) WEISSMANN Ivo, SCHNORRENBERG Arno and HILDEBRANDT Thomas
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(75) SCHNORRENBERG Arno and HILDEBRANDT Thomas
(84) BW, KE, NA, SZ, TZ, ZW
(96) 01.03.2018 AP/P/2018/010558

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(21) AP/P/2018/010559
(22) 29.07.2016
(23) 01.03.2018
(31) 14/817,427
(32) 04.08.2015 (33) US
(51) **G01N 21/78 (2006.01)**
G07D 7/12 (2006.01)
G01N 21/64 (2006.01)
(54) PHOTOLUMINESCENT AUTHENTICATION DEVICES, SYSTEMS, AND METHODS
(71) SPECTRA SYSTEMS CORPORATION
(72) LAWANDY Nabil M
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 29.07.2016 AP/P/2018/010559

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(21) AP/P/2018/010560
(22) 04.08.2016
(23) 02.03.2018
(31) P201531164
(32) 04.08.2015 (33) ES
(51) **B65D 77/06 (2006.01)**
B65D 5/00 (2006.01)
B65B 3/02 (2006.01)
(54) PROCEDURE, MACHINE AND DEVICES TO MANUFACTURE FLEXIBLE PACKAGES IN 3D, BY MEANS OF FOLDING THE FLAP ON ITSELF
(74) GALLOWAY & COMPANY
(75) GUILLERMO López-Aróstegui Sáenz
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 04.08.2016 AP/P/2018/010560

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(21) AP/P/2018/010561
(22) 24.08.2016
(23) 02.03.2018
(31) 62/210,926
(32) 27.08.2015 (33) US
(51) **A61K 39/395 (2006.01)**
A01K 67/027 (2006.01)
(54) TRANSGENIC ANIMAL FOR PRODUCTION OF ANTIBODIES HAVING COMMON LIGHT CHAIN
(71) CRYSTAL BIOSCIENCE INC.
(72) LEIGHTON Philip A, ETCHES Robert and HARRIMAN William Don
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 24.08.2016 AP/P/2018/010561

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(21) AP/P/2018/010562
(22) 15.09.2016
(23) 05.03.2018
(31) 16163472.0
(32) 01.04.2016 (33) EP
(31) 15185523.6
(32) 16.09.2015 (33) EP
(51) **A61K 31/404 (2006.01)**
A61P 31/12 (2006.01)
C07D 209/12 (2006.01)
(54) MONO- OR DI-SUBSTITUTED INDOLE DERIVATIVES AS DENGUE VIRAL REPLICATION INHIBITORS
(71) KATHOLIEKE UNIVERSITEIT LEUVEN and JANSSEN PHARMACEUTICALS, INC.
(72) MARCHAND Arnaud Didier M, BARDIOT Dorothée Alice Marie-Eve, JONCKERS Tim Hugo Maria, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010562

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(21) AP/P/2018/010563
(22) 01.09.2016
(23) 05.03.2018
(31) 15183845.5
(32) 04.09.2015 (33) EP
(51) **C10G 2/00 (2006.01)**
(54) METHOD OF MANUFACTURING HYDROCARBONS
(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(72) TAN Mai Ming, BOERRIGTER Harold and BEZEMER Gerrit Leendert
(74) HONEY & BLANCKENBERG
(84) MZ, TZ
(96) 01.09.2016 AP/P/2018/010563

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(21) AP/P/2018/010564
(22) 18.08.2016
(23) 07.03.2018
(31) PA 2015 70557
(32) 27.08.2015 (33) DK
(51) **H01L 31/055 (2006.01)**
H02S 40/42 (2006.01)
H01L 31/052 (2006.01)
H01L 31/054 (2006.01)
H01L 31/048 (2006.01)
(54) A METHOD FOR MANUFACTURING A SOLAR CELL PANEL AND A SOLAR CELL PANEL MANUFACTURED USING SUCH A METHOD
(71) Axmetic-Engineering V/ Jan Mahler
(72) MAHLER Jan
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 18.08.2016 AP/P/2018/010564

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(21) AP/P/2018/010565
(22) 18.08.2016
(23) 07.03.2018
(31) 14/848,994
(32) 09.09.2015 (33) US
(51) **H02J 50/00 (2006.01)**
H02J 3/00 (2006.01)
(54) WIRED AND WIRELESS POWER DISTRIBUTION COEXISTENCE
(71) CPG Technologies, LLC.
(72) CORUM Kenneth L and CORUM James F
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 18.08.2016 AP/P/2018/010565

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(21) AP/P/2018/010566
(22) 06.09.2016
(23) 07.03.2018
(31) 62/215,929
(32) 09.09.2015 (33) US
(51) **A61P 17/06 (2006.01)**
A61K 31/438 (2006.01)
A61P 37/00 (2006.01)
C07D 495/20 (2006.01)
(54) COMPOUNDS USEFUL FOR INHIBITING ROR-GAMMA-T
(71) ELI LILLY AND COMPANY
(72) MORPHY John Richard
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA
(96) 06.09.2016 AP/P/2018/010566

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Patent Applications Filed (Contd.)

(21) AP/P/2018/010567
(22) 10.08.2016
(23) 08.03.2018
(31) 62/203,024
(32) 10.08.2015 (33) US
(51) **G06Q 20/40 (2012.01)**
G06Q 20/34 (2012.01)
G06Q 20/38 (2012.01)
H04L 9/32 (2006.01)
(54) A METHOD AND SYSTEM FOR TRANSACTION AUTHORIZATION BASED ON A PARALLEL AUTONOMOUS CHANNEL MULTI-USER AND MULTI-FACTOR AUTHENTICATION
(71) IPSIDY, INC.
(72) UMAROV Maxim and SZOKE Thomas
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 10.08.2016 AP/P/2018/010567

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(21) AP/P/2018/010568
(22) 19.08.2016
(23) 08.03.2018
(31) 14/849,962
(32) 10.09.2015 (33) US
(51) **H01Q 11/08 (2006.01)**
H01Q 3/26 (2006.01)
H01Q 9/30 (2006.01)
H01Q 9/34 (2006.01)
H01Q 3/30 (2006.01)
H01Q 1/12 (2006.01)
(54) HYBRID PHASED ARRAY TRANSMISSION
(71) CPG Technologies, LLC.
(72) PINZONE JR Basil F, CORUM Kenneth L and CORUM James F
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 19.08.2016 AP/P/2018/010568

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(21) AP/P/2018/010569
(22) 18.08.2016
(23) 08.03.2018
(31) 14/849,643
(32) 10.09.2015 (33) US
(51) **H01Q 7/06 (2006.01)**
(54) MAGNETIC COILS HAVING CORES WITH HIGH MAGNETIC PERMEABILITY
(71) CPG Technologies, LLC.
(72) LILLY James D, CORUM Kenneth L and CORUM James F
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 18.08.2016 AP/P/2018/010569

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(21) AP/P/2018/010570
(22) 01.09.2016
(23) 12.03.2018
(31) 15183835.6
(32) 04.09.2015 (33) EP
(51) **C10G 2/00 (2006.01)**
B01J 37/18 (2006.01)
(54) FISCHER - TROPSCH PROCESS
(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.
(72) VAN DEN BRINK Peter John, VAN BAVEL Alexander Petrus and DEN BREEJEN Johan Peter
(74) HONEY & BLANCKENBERG
(84) MZ, TZ
(96) 01.09.2016 AP/P/2018/010570

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(21) AP/P/2018/010571
(22) 08.09.2016
(23) 12.03.2018
(31) 15/255,805
(32) 02.09.2016 (33) US
(31) 62/216,226
(32) 09.09.2015 (33) US
(51) **F25J 3/06 (2006.01)**
F25J 3/08 (2006.01)
F25J 1/00 (2006.01)
F25J 1/02 (2006.01)
(54) MIXED REFRIGERANT DISTRIBUTED CHILLING SCHEME
(71) Black & Veatch Holding Company
(72) HOFFART Swan D, ELLRICH Justin and MANNING Jason M
(74) Cronjé & Co.
(84) GH, GM, MZ, ST, TZ
(96) 08.09.2016 AP/P/2018/010571

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(21) AP/P/2018/010572
(22) 19.07.2016
(23) 12.03.2018
(31) 4809/CHE/2015
(32) 10.09.2015 (33) IN
(51) **A61K 31/4545 (2006.01)**
A61P 25/00 (2006.01)
A61K 31/416 (2006.01)
A61K 31/427 (2006.01)
A61K 31/428 (2006.01)
C07D 417/14 (2006.01)
A61K 31/4155 (2006.01)
A61K 31/4439 (2006.01)
C07D 403/06 (2006.01)
C07D 403/14 (2006.01)
C07D 417/06 (2006.01)
CO7D 401/14 (2006.01)
C07D 401/06 (2006.01)
C07D 401/12 (2006.01)
(54) FLUOROINDOLE DERIVATIVES AS MUSCARINIC M1 RECEPTOR POSITIVE ALLOSTERIC MODULATORS
(71) SUVEN LIFE SCIENCES LIMITED
(72) JASTI Venkateswarlu, BHYRAPUNENI Gopinadh, BENADE Vijay Sidram, et al
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 19.07.2016 AP/P/2018/010572

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(21) AP/P/2018/010573
(22) 25.08.2016
(23) 12.03.2018
(31) 62/209972
(32) 26.08.2014 (33) US
(51) **A61K 31/395 (2006.01)**
C07D 471/04 (2006.01)
C07D 401/14 (2006.01)
A61K 31/167 (2006.01)
C07D 403/14 (2006.01)
A61K 31/40 (2006.01)
(54) ARYL, HETEROARYL, AND HETEROCYCLIC COMPOUNDS FOR TREATMENT OF MEDICAL DISORDERS
(71) ACHILLION PHARMACEUTICALS, INC.
(72) WANG Xiangzhu, WANG Qiuping, PAIS Godwin, et al
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 25.08.2016 AP/P/2018/010573

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(21) AP/P/2018/010574
(22) 07.10.2016
(23) 12.03.2018
(31) 15189210.6
(32) 09.10.2015 (33) EP
(51) **A61P 35/00 (2006.01)**
C07D 471/22 (2006.01)
A61K 31/438 (2006.01)
C07D 487/22 (2006.01)
(54) SPIRO[3H-INDOLE-3,2´-PYRROLIDIN]-2(1H)-ONE COMPOUNDS AND DERIVATIVES AS MDM2-P53 INHIBITORS
(71) BOEHRINGER INGELHEIM INTERNATIONAL GMBH
(72) HUCHLER Guenther, HENRY Manuel, GOEPPER Stefan, et al
(74) Cronjé & Co.
(84) GH, KE
(96) 07.10.2016 AP/P/2018/010574

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(21) AP/P/2018/010575
(22) 15.09.2016
(23) 13.03.2018
(31) BE2016/0011
(32) 21.01.2016 (33) BE
(31) 15185212.6
(32) 15.09.2015 (33) EP
(51) **A01N 65/00 (2009.01)**
A01P 21/00 (2006.01)
A01N 37/38 (2006.01)
(54) BIOACTIVE COMPOSITION FOR IMPROVING STRESS TOLERANCE OF PLANTS
(71) FYTEKO
(72) WEGRIA Guillaume and CABRERA PINO Juan-Carlos
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010575

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(22) 18.08.2016
(23) 13.03.2018
(31) BE 2016/5643
(32) 17.08.2016 (33) BE
(31) US 62/215,247
(32) 08.09.2015 (33) US
(51) **F22B 1/18 (2006.01)**
F01K 25/04 (2006.01)
(54) ORC FOR TRANSFORMING WASTE HEAT FROM A HEAT SOURCE INTO MECHANICAL ENERGY AND COMPRESSOR INSTALLATION MAKING USE OF SUCH AN ORC
(71) Atlas Copco Airpower, Naamloze Vennootschap
(72) ÖHMAN Henrik
(74) FISHER CORMACK & BOTHA
(84) KE
(96) 18.08.2016 AP/P/2018/010576

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(22) 14.09.2016
(23) 09.03.2018
(31) 2015-180825
(32) 14.09.2015 (33) JP
(51) **A23L 7/109 (2006.01)**
(54) GROOVED NOODLES
(71) Nisshin Foods Inc.
(72) HIGASHI Masafumi and KIMURA Ryusuke
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 14.09.2016 AP/P/2018/010577

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(21) AP/P/2018/010578
(22) 19.08.2016
(23) 13.03.2018
(31) 15182028.9
(32) 21.08.2015 (33) EP
(51) **B02C 2/04 (2006.01)**
B02C 2/06 (2006.01)
(54) CRUSHER DEVICE COMPRISING AN OVERLOAD SAFETY DEVICE
(71) METSO MINERALS INDUSTRIES, INC.
(72) BARSCEVICIUS Paulo and NIKLEWSKI Andrzej
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH
(96) 19.08.2016 AP/P/2018/010578

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(21) AP/P/2018/010579
(22) 19.08.2016
(23) 13.03.2018
(31) 15182027.1
(32) 21.08.2015 (33) EP
(51) **B02C 2/04 (2006.01)**
(54) ANTI-SPIN DUST SEAL FOR CONE AND GYRATOR CRUSHERS
(71) METSO MINERALS INDUSTRIES, INC.
(72) BARSCEVICIUS Paulo and NIKLEWSKI Andrzej
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH
(96) 19.08.2016 AP/P/2018/010579

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(21) AP/P/2018/010580
(22) 19.08.2016
(23) 14.03.2018
(31) 15182030.5
(32) 21.08.2015 (33) EP
(51) **B02C 2/04 (2006.01)**
(54) ECCENTRIC ASSEMBLY FOR GYRATORY OR CONE CRUSHER
(71) METSO MINERALS INDUSTRIES, INC.
(72) BARSCEVICIUS Paulo and NIKLEWSKI Andrzej
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH
(96) 19.08.2016 AP/P/2018/010580

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(21) AP/P/2018/010581
(22) 15.09.2016
(23) 13.03.2018
(31) 1516504.6
(32) 17.09.2015 (33) GB
(51) **A61K 31/437 (2006.01)**
C07D 471/04 (2006.01)
A61P 35/00 (2006.01)
(54) 8-[6-[3-(AMINO)PROPOXY]-3-PYRIDYL]-1 -ISOPROPYL-IMIDAZO[4,5-C]QUINOLIN-2-ONE DERIVATIVES AS SELECTIVE MODULATORS OF ATAXIA TELANGIECTASIA MUTATED (ATM) KINASE FOR THE TREATMENT OF CANCER
(71) AstraZeneca AB
(72) EATHERTON Andrew John, HUNT Thomas Anthony, BARLAAM Bernard Christophe, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010581

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(21) AP/P/2018/010582
(22) 15.09.2016
(23) 13.03.2018
(31) 15186185.3
(32) 22.09.2015 (33) EP
(51) **A01N 43/80 (2006.01)**
A01N 25/32 (2006.01)
(54) USE OF CERTAIN ACTIVE INGREDIENT COMBINATIONS IN TUBEROUS ROOT CROP PLANTS
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) ELSHERIF Mohamed
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010582

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(22) 19.09.2016
(23) 14.03.2018
(31) 15186159.8
(32) 22.09.2015 (33) EP
(51) **B65D 75/32 (2006.01)**
(54) INDIVIDUAL BLISTER PACK FOR OPTIMIZED STACKING
(71) BAYER PHARMA AKTIENGESELLSCHAFT
(72) BRACHT Stefan
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE
(96) 19.09.2016 AP/P/2018/010583

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(22) 06.06.2016
(23) 13.03.2018
(31) 2015-182718
(32) 16.09.2015 (33) JP
(51) **A61L 101/06 (2006.01)**
A61P 31/04 (2006.01)
A23L 3/358 (2006.01)
C01B 11/04 (2006.01)
A61L 2/18 (2006.01)
A61L 9/01 (2006.01)
A01N 25/02 (2006.01)
A61P 31/02 (2006.01)
A01N 59/08 (2006.01)
A61K 33/20 (2006.01)
(54) AQUEOUS HYPOCHLOROUS ACID SOLUTION
(71) Freekira Pharmaceutical Inc.
(72) IKEMOTO Yoshikatsu
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 06.06.2016 AP/P/2018/010584

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(21) AP/P/2018/010585
(22) 23.09.2016
(23) 14.03.2018
(31) 2016-136595
(32) 11.07.2016 (33) JP
(31) 2015-187870
(32) 25.09.2015 (33) JP
(51) **A01N 43/54 (2006.01)**
D06M 101/32 (2006.01)
A01P 7/00 (2006.01)
A01N 25/34 (2006.01)
D06M 13/355 (2006.01)
(54) INSECT PEST CONTROL MATERIAL
(71) Innovative Vector Control Consortium
(72) YAMADA Neriko
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 23.09.2016 AP/P/2018/010585

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(21) AP/P/2018/010586
(22) 14.09.2016
(23) 15.03.2018
(31) 2015/06771
(32) 14.09.2015 (33) ZA
(31) 2015/0677
(32) 14.09.2015 (33) ZA
(51) **C07C 51/41 (2006.01)**
C07C 209/12 (2006.01)
A01N 37/36 (2006.01)
C07C 211/62 (2006.01)
A01N 43/08 (2006.01)
A01N 33/12 (2006.01)
(54) BIOCIDES AND PREPARATION THEREOF
(71) BIOLOGICAL CHEMICAL TECHNOLOGIES (PTY) LTD T/A BIODX
(72) STEENKAMP Paul Anton, STEENKAMP Lucia Hendrina, REYNHARDT Jan Petrus Karel, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, LS, MW, MZ, NA, SZ, TZ, ZM, ZW
(96) 14.09.2016 AP/P/2018/010586

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(21) AP/P/2018/010587
(22) 23.09.2016
(23) 15.03.2018
(31) 2016-053441
(32) 17.03.2016 (33) JP
(31) 2015-187869
(32) 25.09.2015 (33) JP
(51) **D06M 101/20 (2006.01)**
A01N 43/54 (2006.01)
C08K 5/3462 (2006.01)
A01N 25/10 (2006.01)
D06M 13/355 (2006.01)
A01N 25/34 (2006.01)
C08L 23/06 (2006.01)
A01P 7/00 (2006.01)
A01M 1/20 (2006.01)
(54) RESIN COMPOSITION INCLUDING INSECTICIDAL COMPONENT
(71) Innovative Vector Control Consortium
(72) YAMADA Neriko
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 23.09.2016 AP/P/2018/010587

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(21) AP/P/2018/010588
(22) 10.03.2016
(23) 15.03.2018
(31) 62/133,800
(32) 16.03.2015 (33) US
(31) 15159067.6
(32) 13.03.2015 (33) EP
(51) **G10L 19/00 (2013.01)**
(54) DECODING AUDIO BITSTREAMS WITH ENHANCED SPECTRAL BAND REPLICATION METADATA IN AT LEAST ONE FILL ELEMENT
(71) DOLBY INTERNATIONAL AB
(72) VILLEMOES Lars, EKSTRAND Per and PURNHAGEN Heiko
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 10.03.2016 AP/P/2018/010588

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(21) AP/P/2018/010589
(22) 18.08.2016
(23) 16.03.2018
(31) 3131/MUM/2015
(32) 18.08.2015 (33) IN
(51) **B07B 13/00 (2006.01)**
(54) SYSTEM OF TREATMENT OF SEWAGE WASTE FOR ON-SITE SANITATION
(71) Bear Valley Ventures Ltd and Primove Infrastucture Development Consultants Pvt. Ltd.
(72) GIBSON Walter Thomas, UJAGARE Vishal, PATANKAR Rohit, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 18.08.2016 AP/P/2018/010589

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(21) AP/P/2018/010590
(22) 23.08.2016
(23) 16.03.2018
(31) 3223/MUM/2015
(32) 24.08.2015 (33) IN
(51) **A61K 9/20 (2006.01)**
A61P 25/30 (2006.01)
A61K 9/22 (2006.01)
A61K 9/28 (2006.01)
(54) IMPLANTABLE NALTREXONE TABLETS
(71) Rusan Pharma Limited
(72) SAXENA Kunal and SAXENA Navin
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MZ, NA, SD, TZ, UG, ZM, ZW
(96) 23.08.2016 AP/P/2018/010590

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(21) AP/P/2018/010591
(22) 22.08.2016
(23) 16.03.2018
(31) 62/213,224
(32) 02.09.2015 (33) US
(51) **A61K 31/713 (2006.01)**
C12N 15/113 (2006.01)
(54) PROGRAMMED CELL DEATH 1 LIGAND 1 (PD-L1) IRNA COMPOSITIONS AND METHODS OF USE THEREOF
(71) ALNYLAM PHARMACEUTICALS, INC.
(72) HINKLE Gregory
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 22.08.2016 AP/P/2018/010591

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(21) AP/P/2018/010592
(22) 30.06.2016
(23) 18.03.2018
(51) **A47J 27/00 (2006.01)**
F24B 1/00 (2006.01)
H01L 35/00 (2006.01)
A47J 37/07 (2006.01)
(54) AUXILIARY DEVICE FOR ELECTRIC GENERATOR AND SYSTEM
(71) POWERSPOT, S.L.
(72) FRANCISCO JAVIER Pascual Diaz
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) KE, TZ
(96) 30.06.2016 AP/P/2018/010592

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(21) AP/P/2018/010593
(22) 29.08.2016
(23) 16.03.2018
(31) 14/838,480
(32) 28.08.2015 (33) US
(31) PCT/IB2015/001879
(32) 27.08.2015 (33) IB
(51) **A23L 1/236 (2006.01)**
(54) STEVIA EXTRACTS
(71) PureCircle USA Inc.
(72) BU Yu Cheng, LI Shan Wang and MARKOSYAN Avetik
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, RW, TZ, UG, ZM, ZW
(96) 29.08.2016 AP/P/2018/010593

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(21) AP/P/2018/010594
(22) 12.08.2016
(23) 20.03.2018
(31) 62/210,541
(32) 27.08.2015 (33) US
(51) **G07F 15/06 (2006.01)**
G06Q 50/06 (2012.01)
(54) RESOURCE DELIVERY
(71) CityTaps SAS
(72) PHUA Miranda, LANDEL Grégoire Auguste and SAVAËTE Laurent
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, KE, TZ
(96) 12.08.2016 AP/P/2018/010594

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(21) AP/P/2018/010595
(22) 14.09.2016
(23) 19.03.2018
(31) 20155661
(32) 15.09.2015 (33) FI
(51) **F16C 13/04 (2006.01)**
F27B 7/22 (2006.01)
(54) SUPPORTING ARRANGEMENT FOR SUPPORTING A CYLINDRICAL FURNACE BODY OF A FURNACE ROTATABLE WITH RESPECT TO A SUPPORT OF THE FURNACE
(71) OUTOTEC (FINLAND) OY
(72) ROSENIUS Olof and LUNDIN Lars
(74) FISHER CORMACK & BOTHA
(84) ZM
(96) 14.09.2016 AP/P/2018/010595

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(22) 08.09.2016
(23) 19.03.2018
(31) 62/215,919
(32) 09.09.2015 (33) US
(31) 62/272,358
(32) 29.12.2015 (33) US
(31) 62/215283
(32) 08.09.2015 (33) US
(51) **A01N 43/40 (2006.01)**
A01N 43/653 (2006.01)
(54) HERBICIDAL COMPOSITIONS CONTAINING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE-2-CARBOXYLIC ACID OR A DERIVATIVE THEREOF, A TRIAZOLOPYRIMIDINE SULFONAMIDE HERBICIDE OR A DERIVATIVE THEREOF, AND GLYPHOSATE OR A DERIVATIVE THEREOF
(71) Dow AgroSciences LLC
(72) ZOBIOLE Luiz Henrique, DAVIES Kent, FRENE Rafael, et al
(74) FISHER CORMACK & BOTHA
(84) KE
(96) 08.09.2016 AP/P/2018/010596

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(21) AP/P/2018/010597
(22) 22.09.2016
(23) 19.03.2018
(31) 1516782.8
(32) 22.09.2015 (33) GB
(51) **G06Q 20/00 (2012.01)**
(54) METHOD AND SYSTEM FOR UPDATING A CONTACTLESS SMARTCARD AND A COMPUTER READABLE MEDIUM FOR PERFORMING SAID METHOD
(71) Silverleap Technology Limited
(72) BANDARA RATHNAYAKE Dushantha, PUNCHIHEWA Don Hema Tharanga, BANDULA Dayan Nirosha, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 22.09.2016 AP/P/2018/010597

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(21) AP/P/2018/010598
(22) 21.07.2016
(23) 19.03.2018
(31) 201621013349
(32) 18.04.2016 (33) IN
(31) 3183/MUM/2015
(32) 20.08.2015 (33) IN
(51) **E21B 7/06 (2006.01)**
(54) A DRILLING ASSEMBLY FOR DRILLING WELLS AND A METHOD OF DRILLING THEREOF
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(75) BHOYATE Jaikumar Haridas
(84) BW, GH, KE, MZ, SD, SL, TZ, UG, ZM, ZW
(96) 21.07.2016 AP/P/2018/010598

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(22) 08.09.2016
(23) 19.03.2018
(31) 62/215,921
(32) 09.09.2015 (33) US
(31) 62/272,308
(32) 29.12.2015 (33) US
(51) **A01N 43/54 (2006.01)**
A01N 43/40 (2006.01)
(54) HERBICIDAL COMPOSITIONS CONTAINING 4-AMINO-3-CHLORO-6-(4-CHLORO-2-FLUORO-3-METHOXYPHENYL) PYRIDINE- 2-CARBOXYLIC ACID, A TRIAZOLOPYRIMIDINE SULFONAMIDE HERBICIDE AND A CELL MEMBRANE DISRUPTOR HERBICIDE
(71) Dow AgroSciences LLC
(72) ZOBIOLE Luiz Henrique, DAVIES Kent, FRENE Rafael, et al
(74) FISHER CORMACK & BOTHA
(84) KE
(96) 08.09.2016 AP/P/2018/010599

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(22) 03.09.2016
(23) 20.03.2018
(31) 201621011342
(32) 31.03.2016 (33) IN
(31) 3420/MUM/2015
(32) 04.09.2015 (33) IN
(51) **C07D 417/14 (2006.01)**
A61K 31/4427 (2006.01)
C07D 405/12 (2006.01)
A61P 29/00 (2006.01)
A61K 31/506 (2006.01)
C07D 413/14 (2006.01)
C07D 405/14 (2006.01)
(54) SULFONAMIDE COMPOUNDS AS VOLTAGE-GATED SODIUM CHANNEL MODULATORS
(71) LUPIN LIMITED
(72) PALLE Venkata P, KALHAPURE Vaibhav Madhukar, GOTE Ganesh Navinchandra, et al
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 03.09.2016 AP/P/2018/010600

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(21) AP/P/2018/010601
(22) 06.09.2016
(23) 20.03.2018
(31) 1558320
(32) 08.09.2015 (33) FR
(51) **B01D 53/047 (2006.01)**
B01J 20/16 (2006.01)
C10L 3/10 (2006.01)
B01D 53/04 (2006.01)
B01D 53/02 (2006.01)
(54) USE OF MOLECULAR SIEVES FOR DECARBONATING NATURAL GAS
(71) ARKEMA FRANCE
(72) LASCOUMETTES Jean-Robert, LUTZ Cécile and VITTENET Jullian
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 06.09.2016 AP/P/2018/010601

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(21) AP/P/2018/010602
(22) 08.09.2016
(23) 20.03.2018
(31) 62/215,461
(32) 08.09.2015 (33) US
(51) **A23B 9/18 (2006.01)**
A23B 4/14 (2006.01)
A21D 2/04 (2006.01)
A61L 2/20 (2006.01)
A23B 7/144 (2006.01)
A61L 101/10 (2006.01)
(54) METHODS FOR REDUCING CONTAMINANTS IN AGRICULTURAL COMMODOTIES WITH HUMID OZONE
(71) ARCHER DANIELS MIDLAND COMPANY
(72) JOHNSON Aaron and DOANE Perry
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 08.09.2016 AP/P/2018/010602

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(21) AP/P/2018/010603
(22) 26.08.2016
(23) 20.03.2018
(31) 15188368.3
(32) 05.10.2015 (33) EP
(31) PCT/EP2015/069601
(32) 27.08.2015 (33) EP
(51) **A61P 25/16 (2006.01)**
A61K 31/407 (2006.01)
C07D 495/04 (2006.01)
(54) BRAIN-PENETRANT CHROMONE OXIME DERIVATIVE FOR THE THERAPY OF LEVODOPA-INDUCED DYSKINESIA
(71) Prexton Therapeutics SA
(72) CONQUET François and CHARVIN Delphine
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 26.08.2016 AP/P/2018/010603

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(22) 29.08.2016
(23) 20.03.2018
(31) 14/838,499
(32) 28.08.2015 (33) US
(31) PCT/US2015/047234
(32) 27.08.2015 (33) US
(51) **A23L 1/236 (2006.01)**
(54) STEVIA EXTRACTS
(71) PureCircle Sdn Bhd and The Coca-Cola Company
(72) BU Yu Cheng, LI Shan Wang and MARKOSYAN Avetik
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, RW, TZ, UG, ZM, ZW
(96) 29.08.2016 AP/P/2018/010604

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(21) AP/P/2018/010605
(22) 21.03.2018
(23) 21.03.2018
(51) **B01D 29/00 (2015.01)**
C02F 1/00 (2015.01)
B01D 29/60 (2015.01)
B01D 15/00 (2015.01)
(54) GRAVITATIONAL ENERGY DRIVEN FLUID MIXER, FILTER AND DISPENSER E.G WATER FILTER
(74) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS (3EYES)
(75) CAWOOD Desmond Edward
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 21.03.2018 AP/P/2018/010605

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(21) AP/P/2018/010606
(22) 24.08.2016
(23) 22.03.2018
(31) 1514990.9
(32) 24.08.2015 (33) GB
(51) **F16P 1/02 (2006.01)**
A01K 31/08 (2006.01)
F24C 15/36 (2006.01)
(54) AN EXTENDIBLE ENCLOSURE
(74) GALLOWAY & COMPANY
(75) PEARSON Jason
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 24.08.2016 AP/P/2018/010606

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(21) AP/P/2018/010608
(22) 30.09.2016
(23) 22.03.2018
(31) 62/495,574
(32) 17.10.2015 (33) US
(51) **G06Q 30/02 (2006.01)**
G06Q 30/06 (2006.01)
G06Q 20/38 (2006.01)
H04L 9/32 (2006.01)
G06Q 20/40 (2006.01)
(54) BLOCKCHAIN-BASED IDENTITY AND TRANSACTION PLATFORM
(71) Banqu, Inc
(72) NATALENKO Stanislav, LINTON Michae, KEISER Jeffrey A, et al
(74) FISHER, CORMACK & BOTHA
(84) KE
(96) 30.09.2016 AP/P/2018/010608

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(22) 03.10.2016
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(31) 15/282,363
(32) 30.09.2016 (33) US
(31) 62/237,805
(32) 06.10.2015 (33) US
(51) **F16B 1/00 (2006.01)**
E02F 9/28 (2006.01)
F16B 19/02 (2006.01)
(54) EXCAVATING TOOTH ASSEMBLY WITH LOCKING PIN ASSEMBLY
(71) HENSLEY INDUSTRIES, INC.
(72) BILAL Mohamad Youssef and VEGUNTA Venkat Prakash
(74) GILL, GODLONTON & GERRANS LEGAL PRACTITIONERS
(84) GH, MZ, NA, TZ, ZM, ZW
(96) 03.10.2016 AP/P/2018/010609

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(21) AP/P/2018/010610
(22) 23.09.2016
(23) 23.03.2018
(31) 62/232,618
(32) 25.09.2015 (33) US
(51) **A47G 9/08 (2006.01)**
A47D 15/02 (2006.01)
A47D 13/02 (2006.01)
A47G 9/02 (2006.01)
A47D 13/08 (2006.01)
(54) INFANT THERMOREGULATION AND MONITORING SUPPORT SYSTEM
(74) ADAMS AND ADAMS MOZAMBIQUE
(75) BUCHER, Sherri
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 23.09.2016 AP/P/2018/010610

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(21) AP/P/2018/010611
(22) 26.08.2016
(23) 23.03.2018
(31) 4493/CHE/2015
(32) 26.08.2015 (33) IN
(51) **A61K 31/425 (2006.01)**
C07D 277/10 (2006.01)
A61K 31/427 (2006.01)
C07D 277/64 (2006.01)
A61P 33/06 (2006.01)
(54) COMPOUNDS AS DNA PROBES, METHODS AND APPLICATIONS THEREOF
(71) Jawaharlal Nehru Centre for Advanced Scientific Research
(72) NARAYANASWAMY Nagarjun and THIMMAIAH Govindaraju
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, KE, RW, TZ, ZM
(96) 26.08.2016 AP/P/2018/010611

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(21) AP/P/2018/010612
(22) 26.08.2016
(23) 23.03.2018
(31) 4494/CHE/2015
(32) 26.08.2015 (33) IN
(51) **A61K 31/69 (2006.01)**
C07F 5/02 (2006.01)
(54) COMPOUNDS AS STIMULI-RESPONSIVE PROBES, METHODS AND APPLICATIONS THEREOF
(71) Jawaharlal Nehru Centre for Advanced Scientific Research
(72) NARAYANASWAMY Nagarjun and THIMMAIAH Govindaraju
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, KE, RW, TZ, ZM
(96) 26.08.2016 AP/P/2018/010612

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(21) AP/P/2018/010613
(22) 24.08.2016
(23) 23.03.2018
(31) 2015903417
(32) 24.08.2015 (33) AU
(51) **G01V 3/14 (2006.01)**
G01R 33/44 (2006.01)
G01N 24/08 (2006.01)
(54) AN APPARATUS FOR ON-LINE DETECTION OF MAGNETIC RESONANCE SIGNALS FROM A TARGET MATERIAL IN A MINERAL SLURRY
(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
(72) YONG Richard, LOVRIC Bojan, LEHMANN-HORN Jochen, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, KE, MZ, NA, SD, TZ, ZM, ZW
(96) 24.08.2016 AP/P/2018/010613

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(21) AP/P/2018/010614
(22) 24.08.2016
(23) 22.03.2018
(31) 2015903415
(32) 24.08.2015 (33) AU
(51) **G01R 33/44 (2006.01)**
G01N 24/08 (2006.01)
G01V 3/14 (2006.01)
(54) ON-LINE MAGNETIC RESONANCE MEASUREMENT OF CONVEYED MATERIAL
(71) COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION
(72) MILJAK David Geoffrey
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, KE, MZ, NA, SD, TZ, ZM, ZW
(96) 24.08.2016 AP/P/2018/010614

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Patent Applications Filed (Contd.)

(21) AP/P/2018/010615
(22) 24.08.2016
(23) 22.03.2018
(31) 10-2015-0118635
(32) 24.08.2015 (33) KR
(51) **F17D 5/00 (2006.01)**
F17D 1/14 (2006.01)
F16L 55/045 (2006.01)
F04B 49/10 (2006.01)
(54) PIPE DEVICE INCLUDING SLAM MITIGATING MEANS
(71) YANG Ji Suk, YANG Jae Gu and FLOWTECH CO., LTD.
(72) YANG Jai Youl, OH Jae Wook, YANG Ji Suk, et al
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(75) YANG Jae Gu and YANG Ji Suk
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 24.08.2016 AP/P/2018/010615

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(21) AP/P/2018/010616
(22) 12.09.2016
(23) 26.03.2018
(31) 1516580.6
(32) 18.09.2015 (33) GB
(51) **A23L 19/00 (2006.01)**
A23B 4/01 (2006.01)
A23N 7/00 (2006.01)
B65B 25/04 (2006.01)
A23B 4/00 (2006.01)
A23B 7/055 (2006.01)
A23L 3/375 (2006.01)
A23B 7/148 (2006.01)
A23B 7/01 (2006.01)
A23L 3/3418 (2006.01)
A23L 3/28 (2006.01)
A23B 7/00 (2006.01)
A23L 3/34 (2006.01)
A23L 3/01 (2006.01)
A23B 4/09 (2006.01)
(54) PROCESS FOR PREPARING PREPARED FRESH PRODUCE, PROCESSING LINE FOR PREPARING PREPARED FRESH PRODUCE AND PREPARED FRESH PRODUCE
(71) ORCHARD HOUSE FOODS LIMITED
(72) TURNER Reverand Anthony and REED Lea
(74) HONEY & BLANCKENBERG
(84) GH
(96) 12.09.2016 AP/P/2018/010616

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(21) AP/P/2018/010617
(22) 25.08.2016
(23) 27.03.2018
(31) 62/210,737
(32) 27.08.2015 (33) US
(51) **A61K 35/742 (2006.01)**
C12N 15/82 (2006.01)
C07K 14/325 (2006.01)
A01N 63/02 (2006.01)
C12N 15/32 (2006.01)
(54) NOVEL INSECT INHIBITORY PROTEINS
(71) MONSANTO TECHNOLOGY LLC
(72) LUTKE Jennifer L., KESANAPALLI Uma R., CICHE Todd A., et al
(74) Cronjé & Co.
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 25.08.2016 AP/P/2018/010617

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(21) AP/P/2018/010618
(22) 31.08.2016
(23) 27.03.2018
(31) PUV 2015-31482
(32) 03.09.2015 (33) CZ
(51) **A63B 69/00 (2006.01)**
A63B 43/02 (2006.01)
A61B 43/00 (2006.01)
(54) A DEVICE FOR TRAINING AND REHABILITATION
(74) FISHER CORMACK & BOTHA
(75) NIMRICHTR Václav
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 31.08.2016 AP/P/2018/010618

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(21) AP/P/2018/010619
(22) 15.09.2016
(23) 27.03.2018
(31) 15185912.1
(32) 18.09.2015 (33) EP
(51) **B03B 5/62 (2006.01)**
B01J 8/00 (2006.01)
B01J 38/72 (2006.01)
B01D 21/24 (2006.01)
B01D 21/00 (2006.01)
(54) PROCESS AND APPARATUS FOR SEPARATING PARTICLES OF A CERTAIN ORDER OF MAGNITUDE FROM A SUSPENSION
(71) THE PETROLEUM OIL AND GAS CORPORATION OF SOUTH AFRICA (PTY) LTD and L'AIR LIQUIDE SOCIÉTÉ ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCÉDÉS GEORGES CLAUDE
(72) KIRSTEN Klaus, EICHMANN Uwe, SCHARF Kim, et al
(74) FISHER CORMACK & BOTHA
(84) MZ
(96) 15.09.2016 AP/P/2018/010619

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(21) AP/P/2018/010620
(22) 20.09.2016
(23) 26.03.2018
(31) 1517472.5
(32) 02.10.2015 (33) GB
(51) **F16L 1/26 (2006.01)**
F16L 55/168 (2006.01)
F16L 58/18 (2006.01)
F16L 13/02 (2006.01)
(54) REPAIRING OR COATING SUBSEA PIPELINES
(71) SUBSEA 7 LIMITED
(72) FOWKES Mick
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) GH, MZ, ST, TZ
(96) 20.09.2016 AP/P/2018/010620

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(21) AP/P/2018/010621
(22) 21.09.2016
(23) 28.03.2018
(31) 62/348,855
(32) 10.06.2016 (33) US
(31) 62/238,511
(32) 07.10.2015 (33) US
(31) 62/221,531
(32) 21.09.2015 (33) US
(51) **A61K 31/47 (2006.01)**
C07D 215/56 (2006.01)
(54) Administration of Deuterated CFTR Potentiators
(71) VERTEX PHARMACEUTICALS (EUROPE) LIMITED
(72) BRAMAN Virginia
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 21.09.2016 AP/P/2018/010621

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(21) AP/P/2018/010622
(22) 13.09.2016
(23) 28.03.2018
(31) P1500393
(32) 01.09.2015 (33) HU
(51) **G01N 30/42 (2006.01)**
(54) EXTRACTION CELL FOR A CENTRIFUGAL PARTITION CHROMATOGRAPH, A CENTRIFUGAL PARTITION CHROMATOGRAPH CONTAINING SUCH A CELL, AND A METHOD FOR PRODUCING SUCH AN EXTRACTION CELL
(71) ROTACHROM TECHNOLÓGIAI KFT
(72) NEMETH Laszlo and LORANTFY Laszlo
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 13.09.2016 AP/P/2018/010622

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(21) AP/P/2018/010623
(22) 04.08.2016
(23) 29.03.2018
(31) 2015/08238
(32) 09.11.2015 (33) ZA
(51) **F42D 1/05 (2006.01)**
F42C 11/00 (2006.01)
(54) WIRELESS DETONATOR
(71) DETNET SOUTH AFRICA (PTY) LTD
(72) VENTER Francois and MULLER Elmar
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, LS, TZ, ZM, ZW
(96) 04.08.2016 AP/P/2018/010623

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Patent Applications Filed (Contd.)

(21) AP/P/2018/010624
(22) 15.09.2016
(23) 29.03.2018
(31) 62/218,815
(32) 15.09.2016 (33) US
(51) **A01N 57/00 (2006.01)**
(54) HEPATITIS B CORE PROTEIN MODULATORS
(71) INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION and ASSEMBLY BIOSCIENCES, INC.
(72) TURNER William, FRANCIS Samson, HAYDAR Simon, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010624

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(21) AP/P/2018/010625
(22) 15.09.2016
(23) 29.03.2018
(31) 62/218,815
(32) 15.09.2015 (33) US
(51) **A61K 31/554 (2006.01)**
C07D 417/12 (2006.01)
C07D 281/16 (2006.01)
(54) HEPATITIS B CORE PROTEIN MODULATORS
(71) INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION and ASSEMBLY BIOSCIENCES, INC.
(72) BURES Mark, MAAG Hans, ARNOLD Lee Daniel, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010625

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(21) AP/P/2018/010626
(22) 15.09.2016
(23) 29.03.2018
(31) 62/218,815
(32) 15.09.2015 (33) US
(51) **A01N 57/00 (2006.01)**
(54) HEPATITIS B CORE PROTEIN MODULATORS
(71) ASSEMBLY BIOSCIENCES, INC.
(72) FRANCIS Samson, MAAG Hans, Indiana University Research and Technology Corporation, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 15.09.2016 AP/P/2018/010626

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(21) AP/P/2018/010627
(22) 01.09.2016
(23) 30.03.2018
(31) 62/241,508
(32) 14.10.2015 (33) US
(31) 62/213,016
(32) 01.09.2015 (33) US
(51) **A61K 31/167 (2015.01)**
A61K 9/00 (2015.01)
A61K 47/32 (2015.01)
A61K 47/38 (2015.01)
A61K 45/06 (2015.01)
A61K 9/10 (2015.01)
A61K 38/00 (2015.01)
A61K 38/16 (2015.01)
(54) METHODS AND COMPOSITIONS FOR TREATING CONDITIONS ASSOCIATED WITH AN ABNORMAL INFLAMMATORY RESPONSES
(71) FIRST WAVE BIO, INC.
(72) FRANCHI Luigi and GLICK GARY D.
(74) MWALE & COMPANY ADVOCATES
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 01.09.2016 AP/P/2018/010627

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(21) AP/P/2018/010628
(22) 29.03.2018
(23) 29.03.2018
(31) 201741011635
(32) 31.03.2017 (33) IN
(51) **B62K 19/00 (2015.01)**
B62K 11/02 (2015.01)
(54) A VEHICLE FRAME ASSEMBLY FOR A STEP THROUGH TYPE VEHICLE
(71) TVS MOTOR COMPANY LIMITED
(72) BALAAURU Sridhar, NARAHARISETTI Ramakrishna, MADIWALAPPA Goud Patil, et al
(74) CLAIRWOOD CHAMBERS (MUTAMANGIRA & ASSOCIATES)
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 29.03.2018 AP/P/2018/010628

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(21) AP/P/2013/006829
(23) 02.03.2018
(51) **B41M 3/14 (2006.01)**
G03G 21/04 (2006.01)
G03G 19/00 (2006.01)
G03G 15/20 (2006.01)
(54) Device, system and method for producing a magnetically induced visual effect
(71) SICPA HOLDING SA
(72) SCHMID Mathieu, DESPLAND Claude-Alain and DEGOTT Pierre
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2014/007696
(23) 23.03.2018
(51) **C09D 195/00 (2006.01)**
(54) Bitumen cutback agents
(71) TECHNIX INDUSTRIES LIMITED
(72) HERRINGTON Philip Raymond, JENNINGS Philip Anthony Charles, MATTHEWS John Brodie, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008477
(23) 07.03.2018
(51) **A61P 19/08 (2006.01)**
A61K 39/395 (2006.01)
C07K 19/00 (2006.01)
C07K 16/46 (2006.01)
C07K 16/28 (2006.01)
C07K 16/32 (2006.01)
C07K 16/18 (2006.01)
C07K 16/22 (2006.01)
(54) HETERODIMERIC IMMUNOGLOBULINS
(71) AMGEN INC.
(72) YAN Wei, LIU Zhi, FLORIO Monica, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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Patent Applications Abandoned (Contd.)

(21) AP/P/2016/009025
(23) 07.03.2018
(51) **A61P 35/04 (2006.01)**
A61K 31/519 (2006.01)
C07D 519/00 (2006.01)
(54) SUBSTITUTED PYRAZOLO-PYRIDINAMINES
(71) BAYER PHARMA AKTIENGESELLSCHAFT
(72) SÜLZLE Detlev, SIEGEL Franziska, PETERSEN Kirstin, et al
(74) ADAMS & ADAMS
(84) KE

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(21) AP/P/2016/009034
(23) 19.03.2018
(51) **A01P 3/00 (2006.01)**
A01P 21/00 (2006.01)
A01N 43/653 (2006.01)
(54) USE OF PROTHIOCONAZOLE FOR INCREASING ROOT GROWTH OF BRASSICACEAE
(71) BAYER CROPSCIENCE AKTIENGESELLSCHAFT
(72) KERZ-MÖHLENDICK Friedrich and GÖRTZ Andreas
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2016/009172
(23) 08.03.2018
(51) **F04B 53/22 (2006.01)**
F04B 43/06 (2006.01)
F04B 43/02 (2006.01)
F04B 43/00 (2006.01)
F04B 13/00 (2006.01)
(54) DIAPHRAGM PUMP AND VALVE DEVICE FOR SUCH A PUMP
(71) DOSATRON INTERNATIONAL
(72) DUQUENNOY Philippe, CHARRIERE Christophe and FURET Sébastien
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009509
(23) 07.03.2018
(51) **F03G 7/10 (2006.01)**
F03G 3/00 (2006.01)
(54) PORTABLE APPARATUS FOR GENERATING ELECTRICAL ENERGY
(71) Deciwatt Limited
(72) POLAK T A, REEVES James William and RIDDIFORD Martin Philip
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2017/009961
(23) 23.03.2018
(51) **A61P 43/00 (2006.01)**
A61P 25/16 (2006.01)
A61K 31/4436 (2006.01)
(54) LOW DOSAGE A2A ANTAGONIST FOR THE TREATMENT OF ADHD AND PARKINSONS
(71) H. LUNDBECK A/S
(72) CHANDRASENA Gamini, BREYSS Nathalie, AREBERG Johan, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG

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(21) AP/P/2016/009086
(23) 05.10.2017
(51) **A61M 16/06 (2006.01)**
(54) SLEEP APNEA PREVENTION MASK
(71) SOMNIFIX INTERNATIONAL LLC
(73) MICHALAK Andre
(74) SYEKEI John
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2008/004615	23.02.2018	02.03.2019	11th yr
AP/P/2009/004939	16.12.2016	28.12.2017	9th yr
AP/P/2009/004939	01.01.2018	28.12.2018	10th yr
AP/P/2012/006549	02.03.2018	22.03.2019	7th yr
AP/P/2013/006772	16.03.2018	21.03.2019	5th yr
AP/P/2013/007091	07.03.2018	07.03.2019	6th yr
AP/P/2013/007107	07.02.2018	10.02.2019	6th yr
AP/P/2013/007130	02.03.2018	13.03.2019	6th yr
AP/P/2013/007149	02.03.2018	02.03.2019	6th yr
AP/P/2013/007161	15.03.2018	09.05.2019	7th yr
AP/P/2013/007165	07.03.2018	11.03.2019	6th yr
AP/P/2013/007175	14.03.2018	22.03.2019	6th yr
AP/P/2013/007183	20.03.2018	22.03.2019	6th yr
AP/P/2013/007192	20.03.2018	29.03.2019	6th yr
AP/P/2013/007325	16.03.2018	23.03.2019	6th yr
AP/P/2014/007491	02.03.2018	07.03.2019	4th yr
AP/P/2014/007864	05.01.2018	15.02.2019	5th yr
AP/P/2014/007876	02.02.2018	22.02.2019	5th yr
AP/P/2014/007906	02.03.2018	22.03.2019	5th yr
AP/P/2014/007946	02.03.2018	12.03.2019	5th yr
AP/P/2014/007955	09.03.2018	15.03.2019	5th yr
AP/P/2014/007957	07.03.2018	06.03.2019	5th yr
AP/P/2014/008000	14.02.2018	14.03.2019	5th yr
AP/P/2014/008010	06.03.2018	11.03.2019	5th yr
AP/P/2014/008027	23.02.2018	26.03.2019	5th yr
AP/P/2014/008051	07.03.2018	17.04.2019	5th yr
AP/P/2014/008065	23.02.2018	25.04.2019	5th yr
AP/P/2015/008299	01.03.2018	09.03.2019	3rd yr
AP/P/2015/008349	14.03.2018	25.03.2019	3rd yr
AP/P/2015/008360	07.03.2018	02.04.2019	3rd yr
AP/P/2015/008503	16.02.2018	20.12.2016	2nd yr
AP/P/2015/008589	07.03.2018	11.03.2019	8th yr
AP/P/2015/008632	02.03.2018	13.03.2019	4th yr
AP/P/2015/008681	02.03.2018	07.03.2019	4th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2015/008682	02.03.2018	07.03.2019	4th yr
AP/P/2015/008686	02.03.2018	07.03.2019	4th yr
AP/P/2015/008687	02.03.2018	07.03.2019	4th yr
AP/P/2015/008688	02.03.2018	07.03.2019	4th yr
AP/P/2015/008689	02.03.2018	07.03.2019	4th yr
AP/P/2015/008690	02.03.2018	07.03.2019	4th yr
AP/P/2015/008691	02.03.2018	07.03.2019	4th yr
AP/P/2015/008692	02.03.2018	07.03.2019	4th yr
AP/P/2015/008693	02.03.2018	07.03.2019	4th yr
AP/P/2015/008694	02.03.2018	07.03.2019	4th yr
AP/P/2015/008695	02.03.2018	07.03.2019	4th yr
AP/P/2015/008704	28.12.2017	07.01.2019	4th yr
AP/P/2015/008704	02.03.2018	07.01.2018	3rd yr
AP/P/2015/008728	02.03.2018	11.03.2019	4th yr
AP/P/2015/008731	23.02.2018	05.03.2019	4th yr
AP/P/2015/008733	07.03.2018	13.03.2019	4th yr
AP/P/2015/008744	23.02.2018	18.03.2019	5th yr
AP/P/2015/008754	20.03.2018	14.03.2019	4th yr
AP/P/2015/008758	09.03.2018	17.03.2019	4th yr
AP/P/2015/008759	07.03.2018	08.04.2019	4th yr
AP/P/2015/008779	02.03.2018	19.03.2019	5th yr
AP/P/2015/008782	02.03.2018	27.03.2019	4th yr
AP/P/2015/008785	12.03.2018	13.03.2019	4th yr
AP/P/2015/008795	27.02.2018	14.03.2019	4th yr
AP/P/2015/008797	07.03.2018	20.03.2019	4th yr
AP/P/2015/008810	23.02.2018	15.03.2019	4th yr
AP/P/2015/008811	09.03.2018	27.03.2019	4th yr
AP/P/2015/008815	07.03.2018	24.04.2019	4th yr
AP/P/2015/008830	23.02.2018	17.03.2019	4th yr
AP/P/2015/008833	07.03.2018	27.03.2019	4th yr
AP/P/2015/008859	23.02.2018	21.05.2019	4th yr
AP/P/2015/008866	07.03.2018	25.04.2019	4th yr
AP/P/2015/008878	07.03.2018	23.05.2019	4th yr
AP/P/2015/008902	16.03.2018	16.04.2019	4th yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2015/008933	02.03.2018	23.04.2019	8th yr
AP/P/2015/008955	02.03.2018	23.04.2019	8th yr
AP/P/2015/008967	02.03.2018	23.04.2019	8th yr
AP/P/2016/009027	02.03.2018	01.03.2019	5th yr
AP/P/2016/009093	20.03.2018	15.03.2019	2nd yr
AP/P/2016/009102	09.03.2018	24.03.2019	2nd yr
AP/P/2016/009103	09.03.2018	24.03.2019	2nd yr
AP/P/2016/009104	07.03.2018	11.04.2019	7th yr
AP/P/2016/009353	02.03.2018	20.06.2019	4th yr
AP/P/2016/009354	12.02.2018	11.02.2019	3rd yr
AP/P/2016/009364	27.02.2018	16.03.2019	3rd yr
AP/P/2016/009367	15.03.2018	17.02.2019	4th yr
AP/P/2016/009373	23.02.2018	12.03.2019	3rd yr
AP/P/2016/009374	02.03.2018	23.03.2019	3rd yr
AP/P/2016/009388	07.02.2018	18.02.2019	3rd yr
AP/P/2016/009407	23.02.2018	03.03.2019	3rd yr
AP/P/2016/009415	02.03.2018	06.03.2019	3rd yr
AP/P/2016/009437	02.03.2018	25.02.2019	3rd yr
AP/P/2016/009438	02.03.2018	25.02.2019	3rd yr
AP/P/2016/009439	07.03.2018	12.02.2019	3rd yr
AP/P/2016/009445	09.03.2018	19.03.2019	3rd yr
AP/P/2016/009450	23.02.2018	13.03.2019	3rd yr
AP/P/2016/009457	19.03.2018	24.02.2019	3rd yr
AP/P/2016/009462	23.02.2018	24.02.2019	3rd yr
AP/P/2016/009469	05.01.2018	26.02.2019	3rd yr
AP/P/2016/009471	02.03.2018	27.03.2019	3rd yr
AP/P/2016/009472	02.03.2018	31.03.2019	3rd yr
AP/P/2016/009477	02.03.2018	13.03.2019	3rd yr
AP/P/2016/009479	02.03.2018	10.03.2019	3rd yr
AP/P/2016/009481	02.03.2018	20.03.2019	3rd yr
AP/P/2016/009482	23.02.2018	26.03.2019	3rd yr
AP/P/2016/009484	07.03.2018	19.03.2019	3rd yr
AP/P/2016/009489	07.03.2018	29.04.2019	3rd yr
AP/P/2016/009493	14.03.2018	27.03.2019	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2016/009494	14.03.2018	13.03.2019	3rd yr
AP/P/2016/009507	02.03.2018	31.03.2019	3rd yr
AP/P/2016/009513	27.02.2018	13.03.2019	3rd yr
AP/P/2016/009514	14.03.2018	26.03.2019	3rd yr
AP/P/2016/009517	23.02.2018	19.03.2019	3rd yr
AP/P/2016/009523	02.03.2018	03.04.2019	3rd yr
AP/P/2016/009534	14.03.2018	25.03.2019	3rd yr
AP/P/2016/009536	27.02.2018	26.03.2019	3rd yr
AP/P/2016/009543	07.03.2018	13.05.2019	3rd yr
AP/P/2016/009544	07.03.2018	13.05.2019	3rd yr
AP/P/2016/009567	13.03.2018	06.05.2019	3rd yr
AP/P/2016/009572	02.03.2018	20.05.2019	3rd yr
AP/P/2016/009577	02.03.2018	29.04.2019	4th yr
AP/P/2017/009738	02.03.2018	09.03.2019	3rd yr
AP/P/2017/009775	27.02.2018	27.02.2019	1st yr
AP/P/2017/009810	14.03.2018	15.03.2019	1st yr
AP/P/2017/009867	01.03.2018	23.02.2018	2nd yr
AP/P/2017/010138	02.03.2018	10.03.2019	2nd yr
AP/P/2017/010167	14.03.2018	25.03.2019	2nd yr
AP/P/2017/010173	02.03.2018	10.03.2019	2nd yr
AP/P/2017/010174	13.03.2018	15.03.2018	1st yr
AP/P/2017/010176	07.03.2018	21.04.2019	2nd yr
AP/P/2017/010178	23.02.2018	11.03.2019	2nd yr
AP/P/2017/010190	15.03.2018	26.02.2019	2nd yr
AP/P/2017/010191	02.03.2018	02.03.2019	2nd yr
AP/P/2017/010198	20.02.2018	22.02.2019	2nd yr
AP/P/2017/010200	02.03.2018	21.03.2019	2nd yr
AP/P/2017/010202	23.02.2018	18.03.2019	2nd yr
AP/P/2017/010203	07.03.2018	07.03.2019	2nd yr
AP/P/2017/010208	02.03.2018	07.03.2019	2nd yr
AP/P/2017/010209	14.03.2018	18.04.2019	2nd yr
AP/P/2017/010210	14.03.2018	25.03.2019	2nd yr
AP/P/2017/010211	20.03.2018	21.03.2019	2nd yr
AP/P/2017/010227	20.03.2018	10.03.2019	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/010233	02.03.2018	07.03.2019	4th yr
AP/P/2017/010241	23.02.2018	14.03.2019	2nd yr
AP/P/2017/010242	09.03.2018	16.03.2019	2nd yr
AP/P/2017/010246	09.03.2018	24.03.2019	3rd yr
AP/P/2017/010249	23.02.2018	08.03.2019	2nd yr
AP/P/2017/010250	23.02.2018	31.03.2019	2nd yr
AP/P/2017/010251	23.02.2018	15.03.2019	2nd yr
AP/P/2017/010255	09.03.2018	17.03.2019	2nd yr
AP/P/2017/010263	01.03.2018	16.03.2019	2nd yr
AP/P/2017/010266	07.03.2018	29.04.2019	2nd yr
AP/P/2017/010270	14.03.2018	28.03.2019	2nd yr
AP/P/2017/010271	23.02.2018	04.03.2019	2nd yr
AP/P/2017/010272	23.02.2018	04.03.2019	2nd yr
AP/P/2017/010274	07.03.2018	13.04.2019	2nd yr
AP/P/2017/010284	07.03.2018	13.04.2019	2nd yr
AP/P/2017/010296	07.03.2018	11.04.2019	2nd yr
AP/P/2017/010381	09.03.2018	22.03.2019	2nd yr
AP/P/2018/010449	28.02.2018	17.06.2018	1st yr
AP/P/2018/010481	14.02.2018	08.07.2018	1st yr
AP/P/2018/010481	14.02.2018	08.07.2019	2nd yr
AP/P/2018/010482	07.02.2018	08.07.2019	2nd yr
AP/P/2018/010482	07.02.2018	08.07.2018	1st yr
AP/P/2018/010490	07.03.2018	11.03.2019	9th yr
AP/P/2018/010493	07.02.2018	04.07.2018	1st yr
AP/P/2018/010494	07.02.2018	07.07.2018	1st yr
AP/P/2018/010494	07.02.2018	07.07.2019	2nd yr
AP/P/2018/010503	07.02.2018	06.07.2019	2nd yr
AP/P/2018/010503	07.02.2018	06.07.2018	1st yr
AP/P/2018/010507	23.02.2018	29.06.2019	2nd yr
AP/P/2018/010513	28.02.2018	05.08.2018	1st yr
AP/P/2018/010514	14.02.2018	08.08.2018	1st yr
AP/P/2018/010516	28.02.2018	19.07.2018	1st yr
AP/P/2018/010516	28.02.2018	19.07.2019	2nd yr
AP/P/2018/010520	28.02.2018	21.07.2019	2nd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010520	28.02.2018	21.07.2018	1st yr
AP/P/2018/010526	27.02.2018	02.09.2018	1st yr
AP/P/2018/010530	01.03.2018	22.07.2018	1st yr
AP/P/2018/010533	28.02.2018	18.08.2018	1st yr
AP/P/2018/010533	28.02.2018	18.08.2019	2nd yr
AP/P/2018/010537	28.02.2018	22.08.2019	2nd yr
AP/P/2018/010537	28.02.2018	22.08.2018	1st yr
AP/P/2018/010538	28.02.2018	19.08.2018	1st yr
AP/P/2018/010538	28.02.2018	19.08.2019	2nd yr
AP/P/2018/010540	27.02.2018	20.07.2011	3rd yr
AP/P/2018/010540	27.02.2018	20.07.2010	2nd yr
AP/P/2018/010540	27.02.2018	20.07.2009	1st yr
AP/P/2018/010540	27.02.2018	20.07.2018	10th yr
AP/P/2018/010540	27.02.2018	20.07.2016	8th yr
AP/P/2018/010540	27.02.2018	20.07.2017	9th yr
AP/P/2018/010540	27.02.2018	20.07.2013	5th yr
AP/P/2018/010540	27.02.2018	20.07.2012	4th yr
AP/P/2018/010540	27.02.2018	20.07.2014	6th yr
AP/P/2018/010540	27.02.2018	20.07.2015	7th yr
AP/P/2018/010541	27.02.2018	03.08.2018	1st yr
AP/P/2018/010543	28.02.2018	18.08.2018	1st yr
AP/P/2018/010544	28.02.2018	18.08.2018	1st yr
AP/P/2018/010545	27.02.2018	02.09.2018	1st yr
AP/P/2018/010546	27.02.2018	03.08.2018	1st yr
AP/P/2018/010548	02.03.2018	06.09.2018	1st yr
AP/P/2018/010549	02.03.2018	30.08.2018	1st yr
AP/P/2018/010550	02.03.2018	01.09.2018	1st yr
AP/P/2018/010551	02.03.2018	07.10.2018	1st yr
AP/P/2018/010552	28.02.2018	26.11.2017	1st yr
AP/P/2018/010552	28.02.2018	26.11.2018	2nd yr
AP/P/2018/010554	02.03.2018	01.09.2018	1st yr
AP/P/2018/010555	14.03.2018	28.09.2018	1st yr
AP/P/2018/010556	02.03.2018	16.09.2017	1st yr
AP/P/2018/010556	02.03.2018	16.09.2018	2nd yr

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Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010557	15.03.2018	30.03.2019	1st yr
AP/P/2018/010559	07.03.2018	29.07.2018	1st yr
AP/P/2018/010559	07.03.2018	29.07.2019	2nd yr
AP/P/2018/010560	15.03.2018	04.08.2018	1st yr
AP/P/2018/010561	13.03.2018	24.08.2018	1st yr
AP/P/2018/010562	09.03.2018	15.09.2018	1st yr
AP/P/2018/010563	09.03.2018	01.09.2018	1st yr
AP/P/2018/010564	07.03.2018	18.08.2018	1st yr
AP/P/2018/010566	14.03.2018	06.09.2018	1st yr
AP/P/2018/010566	14.03.2018	06.09.2019	2nd yr
AP/P/2018/010567	15.03.2018	10.08.2018	1st yr
AP/P/2018/010568	07.03.2018	19.08.2018	1st yr
AP/P/2018/010569	07.03.2018	18.08.2018	1st yr
AP/P/2018/010570	16.03.2018	01.09.2018	1st yr
AP/P/2018/010573	16.03.2018	25.08.2018	1st yr
AP/P/2018/010575	15.03.2018	15.09.2018	1st yr
AP/P/2018/010576	20.03.2018	18.08.2018	1st yr
AP/P/2018/010577	14.03.2018	14.09.2018	1st yr
AP/P/2018/010577	14.03.2018	14.09.2019	2nd yr
AP/P/2018/010585	20.03.2018	23.09.2018	1st yr
AP/P/2018/010587	20.03.2018	23.09.2018	1st yr
AP/P/2018/010588	20.03.2018	10.03.2018	1st yr
AP/P/2018/010588	20.03.2018	10.03.2019	2nd yr

Patent Applications Pending Grant

(21) AP/P/2013/007095
(22) 04.09.2013
(23) 27.03.2018
(51) **G06Q 20/00 (2006.01)**
G06Q 40/00 (2006.01)
(54) Financial transactions with a varying pin
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2013/007118
(22) 28.09.2011
(23) 02.03.2018
(51) **C22B 3/04 (2006.01)**
C22B 3/18 (2006.01)
C22B 11/08 (2006.01)
(54) Energy efficient recovery of precious metals and base metals
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2013/007293
(22) 31.08.2012
(23) 02.03.2018
(51) **B01J 23/75 (2006.01)**
B01J 37/08 (2006.01)
B01J 37/18 (2006.01)
B01J 21/12 (2006.01)
B01J 37/02 (2006.01)
B01J 37/14 (2006.01)
C10G 2/332 (2006.01)
(54) Process for preparing a cobalt-containing fischer tropsch catalyst
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) MZ, TZ

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(21) AP/P/2013/007328
(22) 31.05.2012
(23) 20.03.2018
(51) **E21B 33/035 (2006.01)**
H02J 3/36 (2006.01)
H02J 4/00 (2006.01)
(54) Subsea electrical architectures
(74) FISHER CORMACK & BOTHA
(84) KE, MZ

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(21) AP/P/2013/007341
(22) 06.06.2012
(23) 22.03.2018
(51) **H02G 3/04 (2006.01)**
H02G 3/32 (2006.01)
(54) Cable holding element
(74) FISHER CORMACK & BOTHA
(84) GH, KE, TZ

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(21) AP/P/2014/007368
(22) 17.07.2012
(23) 26.03.2018
(51) **A23B 7/005 (2006.01)**
A23L 3/015 (2006.01)
A23L 3/16 (2006.01)
C11B 1/16 (2006.01)
F01K 3/00 (2006.01)
A61L 2/07 (2006.01)
(54) Method and apparatus for energy-efficient operation in the sterilization of oil palm fruit
(74) HUSSEIN RANCHHOD & CO
(84) GH, GM, KE, LR, MZ, SL, TZ, UG, ZM, ZW

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(21) AP/P/2014/007371
(22) 21.06.2012
(23) 05.03.2018
(51) **E02F 1/00 (2006.01)**
E02F 3/88 (2006.01)
E02F 9/06 (2006.01)
E02F 9/08 (2006.01)
E02F 9/22 (2006.01)
E21C 41/30 (2006.01)
(54) Dredging system
(74) GALLOWAY & COMPANY
(84) KE, MZ, SL

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(21) AP/P/2014/007586
(22) 18.10.2012
(23) 13.03.2018
(51) **E21B 15/00 (2006.01)**
B63B 35/44 (2006.01)
E21B 15/02 (2006.01)
E21B 19/00 (2006.01)
(54) A floating offshore facility and a method for drilling a well
(74) FISHER CORMACK & BOTHA
(84) KE, MZ, TZ

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(21) AP/P/2014/007682
(22) 29.05.2012
(23) 20.03.2018
(51) **H05K 7/20 (2006.01)**
F28D 9/00 (2006.01)
H01L 23/34 (2006.01)
F25D 3/02 (2006.01)
(54) Closed circulating water cooling apparatus and method
(74) HONEY & BLANCKENBERG
(84) MZ, TZ, ZM

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(21) AP/P/2014/007860
(22) 21.01.2013
(23) 22.03.2018
(51) **A61B 17/326 (2006.01)**
(54) Preputial circumcision apparatus
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/007871
(22) 06.02.2013
(23) 22.03.2018
(51) **G02B 6/38 (2006.01)**
(54) Optical fiber connection system including optical fiber alignment device
(74) GALLOWAY & COMPANY
(84) KE

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(21) AP/P/2014/008057
(22) 20.04.2012
(23) 23.03.2018
(51) **H04L 9/32 (2006.01)**
(54) Abstracted and randomized one-time passwords for transactional authentication
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/008129
(22) 31.07.2012
(23) 29.03.2018
(51) **A61K 39/395 (2006.01)**
(54) Method for treating a GD2 positive cancer
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008189
(22) 07.06.2013
(23) 29.03.2018
(51) **C07D 498/18 (2006.01)**
C07D 487/08 (2006.01)
A61P 31/14 (2006.01)
A61K 31/504 (2006.01)
CO7D 498/22 (2006.01)
C07D 498/08 (2006.01)
(54) Macrocyclic inhibitors of flaviviridae viruses
(74) B. W. KAHARI LEGAL PRACTITIONERS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008267
(22) 14.06.2013
(23) 08.03.2018
(51) **F42D 1/05 (2006.01)**
(54) Blasting system protection
(74) HONEY & BLANCKENBERG
(84) GH, TZ, ZM

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Patent Applications Pending Grant Contd.)

(21) AP/P/2015/008305
(22) 26.08.2013
(23) 08.03.2018
(51) **C12R 1/00 (2006.01)**
C05F 11/00 (2006.01)
A01N 63/00 (2006.01)
(54) RHIZOBACTERIA AND USES THEREOF
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008373
(22) 15.10.2013
(23) 13.03.2018
(51) **H04B 1/38 (2006.01)**
H04M 1/725 (2006.01)
(54) WIRELESS AREA NETWORK ENABLED MOBILE DEVICE ACCESSORY
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008505
(22) 06.12.2013
(23) 26.03.2018
(51) **H04W 72/04 (2009.01)**
H04W 76/02 (2009.01)
(54) TRANSMISSION AND RECEPTION TIMING FOR DEVICE-TO-DEVICE COMMUNICATION SYSTEM EMBEDDED IN A CELLULAR SYSTEM
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008602
(22) 19.12.2013
(23) 27.03.2018
(51) **E04B 1/18 (2006.01)**
E04C 3/08 (2006.01)
(54) TRUSS CONFIGURATION
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2015/008625
(22) 31.12.2013
(23) 02.03.2018
(51) **A61P 31/14 (2006.01)**
A61K 31/5365 (2006.01)
C07D 409/14 (2006.01)
C07D 498/04 (2006.01)
(54) HETEROCYCLE-SUBSTITUTED TETRACYCLIC COMPOUNDS AND METHODS OF USE THEREOF FOR TREATMENT OF VIRAL DISEASES
(74) HONEY & BLANCKENBERG
(84) BW, GH, KE, NA

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(21) AP/P/2015/008650
(22) 01.06.2015
(23) 02.03.2018
(51) **C22B 34/32 (2006.01)**
C21C 5/00 (2006.01)
C22B 12/02 (2006.01)
(54) SMELTING OF LOW GRADE CHROMITE CONCENTRATE FINES
(74) HONEY & BLANCKENBERG
(84) ZW

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(21) AP/P/2015/008776
(22) 12.03.2014
(23) 20.03.2018
(51) **C07D 401/04 (2006.01)**
(54) 4-AMINO-6-(HETEROCYCLIC) PICOLINATES AND 6-AMINO-2-(HETEROCYCLIC)PYRIMIDINE-4-CARBOXYLATES AND THEIR USE AS HERBICIDES
(74) FISHER CORMACK & BOTHA
(84) KE, TZ, UG, ZM

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(21) AP/P/2015/008782
(22) 27.03.2014
(23) 21.03.2018
(51) **A61P 9/00 (2006.01)**
A61P 7/00 (2006.01)
A61K 31/4418 (2006.01)
A61K 31/4412 (2006.01)
A61K 31/4427 (2006.01)
C07D 213/69 (2006.01)
C07D 213/64 (2006.01)
C07D 417/12 (2006.01)
C07D 413/12 (2006.01)
C07D 409/06 (2006.01)
C07D 405/06 (2006.01)
C07D 401/12 (2006.01)
C07D 213/85 (2006.01)
C07D 413/14 (2006.01)
(54) SUBSTITUTED OXOPYRIDINE DERIVATIVES AND USE THEREOF IN THE TREATMENT OF CARDIOVASCULAR DISORDERS
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE

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(21) AP/P/2016/009043
(22) 19.06.2014
(23) 16.03.2018
(51) **C09D 5/14 (2006.01)**
A61K 36/00 (2006.01)
B82Y 5/00 (2011.01)
B82Y 40/00 (2011.01)
C01G 23/047 (2006.01)
(54) NANOPARTICULATE TITANIUM DIOXIDE NANOMATERIAL MODIFIED WITH FUNCTIONAL GROUPS AND WITH CITRIC EXTRACTS ADSORBED ON THE SURFACE, FOR THE REMOVAL OF A WIDE RANGE OF MICROORGANISMS
(74) ENSafrica Namibia
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009124
(22) 03.10.2014
(23) 13.03.2018
(51) **B03C 1/28 (2006.01)**
B03C 1/32 (2006.01)
(54) IMPROVED MAGNETIC DENSITY SEPARATION DEVICE AND METHOD
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2016/009169
(22) 22.10.2014
(23) 22.03.2018
(51) **C22B 15/00 (2006.01)**
(54) HEAP LEACHING OF COPPER
(74) HONEY & BLANCKENBERG
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

●●

(21) AP/P/2016/009272
(22) 05.11.2014
(23) 08.03.2018
(51) **A61F 6/02 (2006.01)**
C08J 5/00 (2006.01)
A61F 6/04 (2006.01)
C08J 3/20 (2006.01)
(54) GRAPHENE BASED POLYMER COMPOSITES FOR PRODUCING CONDOMS WITH HIGH HEAT TRANSFER, IMPROVED SENSITIVITY AND CAPACITY FOR DRUG DELIVERY
(74) HAMILTON HARRISON & MATHEWS ADVOCATES
(84) KE, RW, SD, TZ, UG, ZM

●●

(21) AP/P/2016/009634
(22) 15.03.2016
(23) 16.03.2018
(51) **A01P 7/04 (2006.01)**
A01N 65/00 (2009.01)
(54) BLEND FOR POST HARVEST INSECTS FEEDING DETERRENT
(74) OTSWONGO Fredrick Omukubi
(84) BW, GH, GM, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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Patents Granted

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4503

(21) Application No : AP/P/2013/007181

(22) Filing Date : 08.06.2011

(24) (45) Date of Grant & Publication : 03/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
PH	12011000130	20.04.2011

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(84) Designated States:
BW GH GM KE LR LS MW
MZ NA SD SL SZ TZ UG
ZM ZW

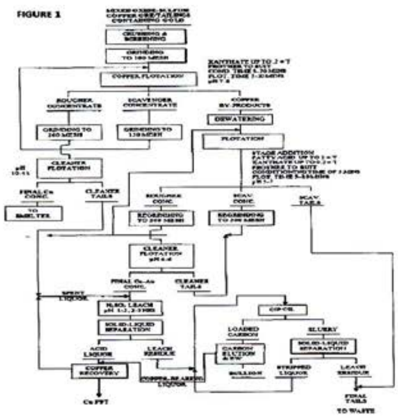
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification :
C22B 11/00 (2006.01)
C22B 15/00 (2006.01)
B03D 1/02 (2006.01)
C22B 1/00 (2006.01)
B03D 1/004 (2006.01)

(54) Title
A process of gold and copper recovery from mixed oxide - sulfide copper ores

(57) Abstract

The present invention relates to a process of gold and copper recovery from gold-containing copper ores obtained from mixed oxide-sulfide copper ore bodies by a series of flotation stages. More specifically, the present invention relates to a process of gold and copper recovery whereby gold-containing ores obtained from mixed oxide-sulfide copper ore bodies, and/or copper flotation by-products thereof, are subjected to at least one notation step following a dewatering step. In particular, it recovers copper and gold from the oxidied zone of porphyry and other mixed ore deposits. Likewise, the present process allows recovery of copper and gold from the tailings and scavenger concentrates which, in conventional process are no longer viable for further treatment.



(56) Documents Cited : WO 03/087416 A1 WO 2009/242681 A1 US 2010/242681 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4504

(21) Application No : AP/P/2013/007105

(22) Filing Date : 18.04.2011

(24) (45) Date of Grant & Publication : 11/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2011-033625	18.02.2011

(72) Inventors
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(84) Designated States:
GH

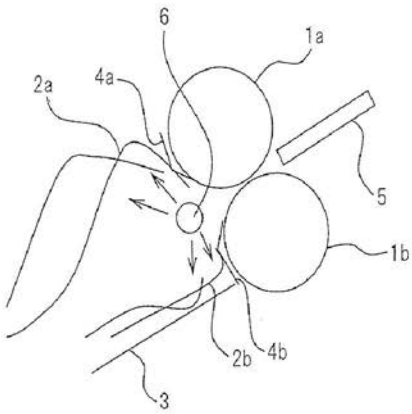
(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : A23L 1/16 (2006.01) A23L 1/162 (2006.01)

(54) Title
Process for producing instant noodles

(57) Abstract

A process for producing noodle strips in which a dough sheet is slit into noodle strips using a rotary slitting device comprising at least a pair of cutting blade rolls, scraping members and air flow supply means. The dough sheet is passed through the cutting blade rolls, to thereby slit the dough sheet into noodle strips; the noodle strips are peeled off from the cutting blade rolls using the scraping members, to thereby separate into upper and lower noodle strip bundles; and air flow is supplied to the slit noodle strips from the air flow supply means. There is provided a process capable of stably realizing generally straight noodle strips with no strong longitudinal waves even in a mass production line



(56) Documents Cited : JP 2010 166848 A JP 2005 341897 A JP 59 059162 A
JP 59 002669 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4505

(21) Application No : AP/P/2015/008200

(22) Filing Date : 07.06.2013

(24) (45) Date of Grant & Publication : 11/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2012/04273	06.11.2012

(72) Inventors
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BAUMEISTER Carl, South Africa
VERSCHOOR Jan Adrianus, South Africa

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

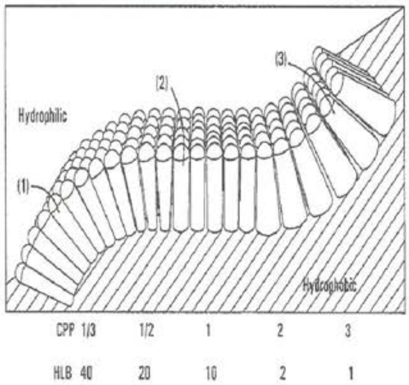
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : A61K 8/63 (2006.01) G01N 33/543 (2006.01)

(54) Title
A liposomal composition comprising a sterol-modified lipid and a purified mycobacterial lipid cell wall component and it's use in the diagnosis of tuberculosis

(57) Abstract

A liposomal composition comprising a sterol-modified lipid and a purified mycobacterial lipid cell wall component or analog or derivative thereof is described. The composition is useful as a lipid antigen-presenting vehicle for the detection of lipid antigen specific biomarker antibodies in antibody containing biological samples in the diagnosis of active tuberculosis. The purified lipid cell wall component is typically a purified mycolic acid or a mixture of mycolic acids from a mycobacterium that produces mycolic acids. The sterol-modified lipid is typically a phospholipid.



(56) Documents Cited : WO 2005/116654 A1 WO 2009/064696 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4506

(21) Application No : AP/P/2015/008480

(22) Filing Date : 24.10.2013

(24) (45) Date of Grant & Publication : 11/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	1219171.4	25.10.2012

(72) Inventors
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(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : A61B 3/12 (2006.01)

(54) Title
IMAGE ACQUISITION APPARATUS

(57) Abstract

The present invention relates to portable image acquisition apparatus (10). The portable image acquisition apparatus (10) is configured to acquire at least one image of apart of a human or animal body. The portable image acquisition apparatus comprises a main body (12) defining a window (20) and an imaging arrangement (16) operable to acquire an image of a part of a human or animal body by way of an imaging path which passes through the window (20).The portable image acquisition apparatus (10) also comprises a lighting module (14) comprising a light source and an optical arrangement (50), the lighting module (14) and the main body (12) being configured to releasably couple with each other when in use. The light source is configured to emit a beam of non-coherent light in a direction substantially perpendicular to the imaging path. The optical arrangement (50) is configured to receive the beam of light and change a direction of propagation of the received light whereby a beam of light is directed through the window (20). The portable image acquisition apparatus (10) is configured such that between the optical arrangement (50) and the window the imaging path and the beam of light have substantially opposite directions and at least in part occupy the same space.

(56) Documents Cited : US 2003/025876 A1 WO 0195791 A1 US 2012/147327 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4507

(21) Application No : AP/P/2015/008481

(22) Filing Date : 14.11.2013

(24) (45) Date of Grant & Publication : 11/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/728,204	19.11.2012
US	13/791,688	08.03.2013

(72) Inventors
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ZHU Xiaomin, United States of America
RUVALCABA Jose Alfredo, United States of America
et al

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(74) Representative
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(51) International Classification : H04W 8/18 (2009.01) H04W 8/20 (2009.01)

(54) Title
SYSTEMS, APPARATUS, AND METHODS FOR MANAGING INFORMATION IN A SMART STORAGE DEVICE

(57) Abstract

This disclosure provides systems, methods, and apparatus for refreshing information stored on a smart storage device. In one aspect a smart storage device is provided that is configured to be coupled to a wireless communications apparatus operating in a wireless communications network. The smart storage device includes a memory configured to store network access information for accessing services of the network. The smart storage device further includes a controller configured to send a message to the wireless communications apparatus including data notifying the wireless communications apparatus of an update to the network access information. The data further includes a command that the wireless communications apparatus suspend an active operation of the wireless communications apparatus and initiate updating information managed by the wireless communications apparatus based on one or more conditions. The updating of the information is based on at least a portion of the updated network access information.

(56) Documents Cited : US 2009-0191857 A1 US 2012-0282891 A1 US 2005-0271500 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4508

(21) Application No : AP/P/2015/008704

(22) Filing Date : 07.01.2014

(24) (45) Date of Grant & Publication : 11/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
NZ	606659	04.02.2013
NZ	610132	02.05.2013
NZ	613918	02.08.2013
NZ	618027	20.11.2013

(72) Inventors
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(84) Designated States:

BW	GH	GM	KE	LR	LS	MW
MZ	NA	RW	SD	SL	SZ	TZ
UG	ZM	ZW				

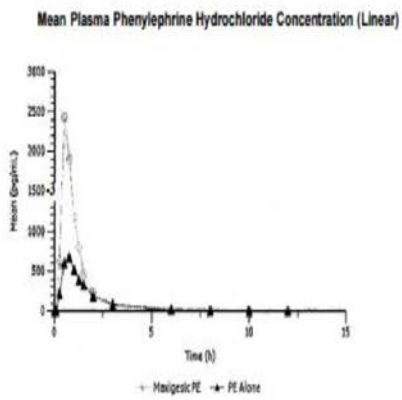
(74) Representative
HUSSEIN RANCHHOD & CO, Zimbabwe

(51) International Classification : A61K 31/137 (2006.01) A61K 31/167 (2006.01) A61P 11/12 (2006.01) A61K 31/135 (2006.01) A61P 11/02 (2006.01)

(54) Title
A COMBINATION MEDICAMENT COMPRISING PHENYLEPHRINE AND PARACETAMOL

(57) Abstract

Use of phenylephrine hydrochloride (or a pharmaceutically acceptable alternative form of phenylephrine) and paracetamol in the production of a combination medicament for treating upper respiratory mucosal congestion, comprising combining such substances with excipients, characterised in that the medicament has the phenylephrine hydrochloride (or the pharmaceutically acceptable alternative form of phenylephrine) and paracetamol in proportions suitable for, and the medicament is for, providing an adult with: a) 4 mg - 7.5 mg phenylephrine hydrochloride (or an equivalent amount of a pharmaceutically acceptable alternative form of phenylephrine), in combination with 950 mg - 1,000 mg paracetamol; or b) 5 mg - 7.5 mg phenylephrine hydrochloride (or an equivalent amount of a pharmaceutically acceptable alternative form of phenylephrine), in combination with 600 mg - 700 mg paracetamol; or c) 6 mg - 8 mg phenylephrine hydrochloride (or an equivalent amount of a pharmaceutically acceptable alternative form of phenylephrine), in combination with 500 mg - 550 mg paracetamol.



(56) Documents Cited : US 4260600 A US 2007/0254027 A1 US 2009/0230013 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4509

(21) Application No : AP/P/2015/008499

(22) Filing Date : 27.11.2013

(24) (45) Date of Grant & Publication : 12/03/2018

(73) Applicant(s)
QUALCOMM INCORPORATED, Attn: International IP Administration, 5775 Morehouse Drive, San Diego, 92121-1714 CA, United Stated of America

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	13/706,279	05.12.2012

(72) Inventors
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CHO James Simon, United States of America
NG Tao-Fei Samuel, United States of America
et al

(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SL SZ TZ UG
ZM ZW

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : H04W 52/02 (2009.01)

(54) Title
POWER MANAGEMENT OF COMMUNICATION DEVICES

(57) Abstract

At a communication device, a packet received via a communication media is processed. While the packet is being processed, power to at least one component in the communication device is reduced, in response to a condition associated with the processing of the packet being satisfied. Power to the at least one component is restored prior to receiving an entirety of the packet at the communication device.

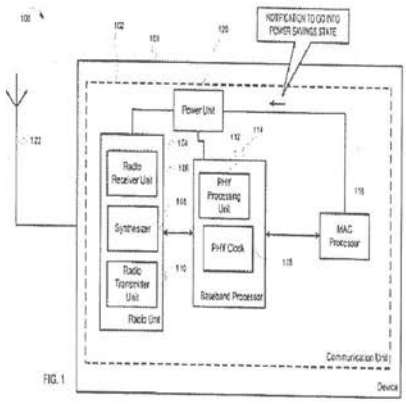

FIG. 1

(56) Documents Cited : US 2011/0090844 A1 US 2006/0072614 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4510

(21) Application No : AP/P/2015/008514

(22) Filing Date : 12.12.2013

(24) (45) Date of Grant & Publication : 13/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/736,981	13.12.2012
US	14/103,437	11.12.2013

(72) Inventors
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MIZROTSKY Eitan, United States of America

(84) Designated States:

BW	GH	GM	KE	LR	LS	MW
MZ	NA	RW	SL	SZ	TZ	UG
ZM	ZW					

(74) Representative
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(51) International Classification : H04L 29/08 (2006.01)

(54) Title
LOADING A RE-DIRECTED WEB RESOURCE ON A WEB BROWSER OF A CLIENT DEVICE IN A COMMUNICATIONS SYSTEM

(57) Abstract

In an embodiment, a client device transmits a request for an initial web resource to a proxy server. The proxy server requests the initial web resource on behalf of the client device in response to the client device's request. The proxy server then executes a web resource redirection procedure (which involves one or more redirects) that is independent of interaction with the client device and results in the proxy server obtaining web resource content. The proxy server delivers the web resource content to a proxy client application on the client device along with instructions for simulating, on the client device, the web resource redirection procedure between the proxy client application and a mobile web browser on the client device. The proxy client application on the client device then simulates the web resource redirection procedure that occurred at the proxy server as instructed.

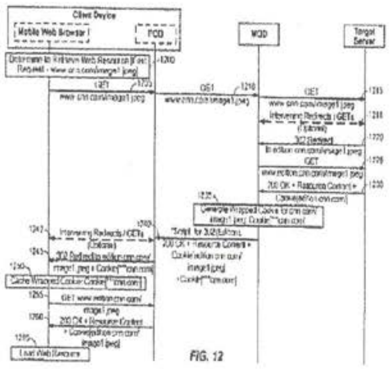

FIG. 12

(56) Documents Cited : US 2005/0060410 A1 US 2012/0117253 A1 US 2008/0172488 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4511

(21) Application No : AP/P/2015/008762

(22) Filing Date : 21.09.2015

(24) (45) Date of Grant & Publication : 20/03/2018

(30) Priority Data

(33) Country **(31) Number** **(32) Date**

(84) Designated States:

BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

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SMITH Christian Guldbœk, Denmark

(74) Representative

COGHLAN, WELSH & GUEST, Zimbabwe

(51) International Classification : G01N 21/03 (2006.01) G01N 15/06 (2006.01) G01N 15/02 (2006.01) G01N 15/14 (2006.01)

(54) Title

DEVICE FOR THE DETECTION OF PARTICLES IN A FLUID

(57) Abstract

The device serves for the qualitative and quantitive detection of particles in a fluid and comprises a light source (1), an optical sensor (2) and a sample carrier (4) which is arranged therebetween and which is for receiving fluid to be examined. The sample carrier is (4) movable relative at least to the sensor (2) and is connectable via a fluid inlet (9) to a conduit (11) for feeding the fluid, and via a fluid outlet (10) to a conduit (12) for the discharge of fluid. The sample carrier (4) is exchangeably arranged in a receiver of the device, so that this sample carrier can be replaced by another one in a rapid and simple manner when the sample carrier (4) is contaminated.

(56) Documents Cited : US 2014/0193892 A1, US 5731212 A, US 5726751 A, US 2013/0172698 A1, US 2003/0058445 A1, US 2006/0228259 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4512

(21) Application No : AP/P/2014/007828

(22) Filing Date : 26.10.2012

(24) (45) Date of Grant & Publication : 21/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201110449413.4	29.12.2011

(72) Inventors
XIA Minggui, Peoples Republic of China
ZHANG Liang, Peoples Republic of China
CHEN Yilong, Peoples Republic of China
et al

(84) Designated States:

NA	ZM	ZW	RW	MW	SL	KE
LS	TZ	SZ	LR	GM	MZ	BW
SD	GH	UG				

(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : C10J 3/46 (2006.01) C10J 3/48 (2006.01)

(54) Title
Microwave plasma biomass entrained flow gasifier and process

(57) Abstract

A microwave plasma biomass entrained flow gasifier comprising a gasifier body (8), a fuel inlet arranged at the lower part of the gasifier body (8), a synthetic gas outlet at the top part of the gasifier body (8), and a slag discharge outlet (10) at the bottom part of the gasifier body (8). Arranged outside the gasifier body (8) is a fuel preprocessing system, comprising a fuel crushing apparatus (1), a sieving apparatus (2) arranged downstream to the fuel crushing apparatus (1), a particle diameter-qualified fuel chamber (3) and a particle diameter-unqualified fuel chamber (4) arranged in parallel and downstream to the sieving apparatus (2), and a gasifier-front chamber arranged downstream to the particle diameter-qualified fuel chamber (3), where the gasifier-front chamber (5) is connected at the bottom part thereof to the gasifier body (8) via a burner. Arranged at the synthesis gas outlet (9) at the top part of the gasifier is a synthesis gas monitoring unit (12). Also provided is a process utilizing the gasifier for biomass entrained flow gasification. The process comprises: 1) a biomass fuel is preprocessed; 2) a microwave plasma working gas is introduced into a plasma generator, excited into plasma then injected into the gasifier; 3) biomass fuel powdery particles are injected into the gasifier via the burner, while at the same time, an oxidizer is fed into the system via an oxygen/steam inlet, injected into the gasifier simultaneously with the biomass fuel, the biomass fuel is subjected to a thermochemical reaction within the gasifier; 4) the temperature and content of the synthesis gas are monitored for implementing adjustments in oxygen flow rate, steam flow rate, and microwave power; the temperature at the synthesis gas outlet is between 900°C and 1200°C; finally, the synthesis gas is drawn out from the synthesis gas outlet at the top part, while at the same time a liquid slag is discharged via the slug discharge outlet.

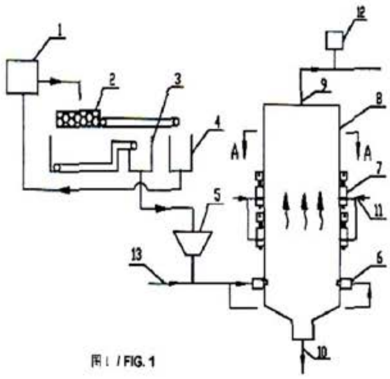

图1 / FIG. 1

(56) Documents Cited : EP 2 163 597 A1; US 2004/170210 A1; CN 201218507 Y; WO 03/095072 A1; WO 2006/081661 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4513

(21) Application No : AP/P/2014/008078

(22) Filing Date : 16.04.2013

(24) (45) Date of Grant & Publication : 21/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201210128134.2	27.04.2012

(72) Inventors
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SONG Dechen, Peoples Republic of China
YANG Weiguang, Peoples Republic of China
et al

(84) Designated States:

GM	BW	MZ	MW	KE	ZW	NA
RW	ZM	SL	LS	TZ	UG	GH
LR	SZ	SD				

(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : C10L 3/08 (2006.01) C10L 3/10 (2006.01) F22B 1/18 (2006.01)

(54) Title
Gas-steam efficient cogeneration process and system based on biomass gasification and methanation

(57) Abstract

The present invention provides a gas-steam efficient cogeneration process and system based on biomass gasification and methanation, comprising a biomass gasification unit, a transformation unit, a purification unit, a methanation unit, and a methane concentration unit. The gasification unit utilizes a locally-external constant high-temperature heat source airflow bed which can remarkably improve effective gas compositions of CO and H2 and improve biomass gasification efficiency. The gasification unit can greatly reduce the quantity of tar produced at a high temperature, improves the carbon conversion rate, and removes investment on a tar removing device. In the process of methanation, the conversion efficiency of CO reaches 100%, and the conversion efficiency of H2 reaches 99%. Also, a large amount of by-product intermediate pressure superheated steam is produced, and power consumption of a circulation compressor in the traditional methanation reaction is reduced. The present invention has the advantages that biomass energy can be converted into clean, high-calorific-value, and convenient-for-use natural gas, and a large amount of heat released in the biomass gasification and methanation reaction can be efficiently recycled through a mode of producing high-quality superheated steam.

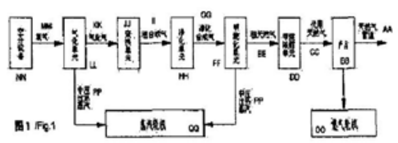

图1 /Fig.1

AA NATURAL GAS PIPELINE
BB PRODUCT
CC SUBSTITUTE NATURAL GAS
DD METHANE CONCENTRATION UNIT
EE CRUDE NATURAL GAS
FF METHANATION UNIT
GG PURIFIED SYNTHETIC GAS
HH PURIFICATION UNIT
II CRUDE SYNTHETIC GAS
JJ TRANSFORMATION UNIT
KK GASIFIED GAS
LL GASIFICATION UNIT
MM OXYGEN
NN AIR SEPARATION DEVICE
OO COMBUSTION GAS TURBINE
PP INTERMEDIATE PRESSURE SUPERHEATED STEAM
QQ STEAM TURBINE

(56) Documents Cited : US 2010/286292 A1 Stefan Heyne, CN 101074397 A CN101812339 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4514

(21) **Application No :** AP/P/2015/008210

(22) **Filing Date :** 12.07.2013

(24) (45) **Date of Grant & Publication :** 21/03/2018

(73) **Applicant(s)**
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(30) **Priority Data**

(33) Country	(31) Number	(32) Date
SE	1250834-7	

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(84) **Designated States:**
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(74) **Representative**
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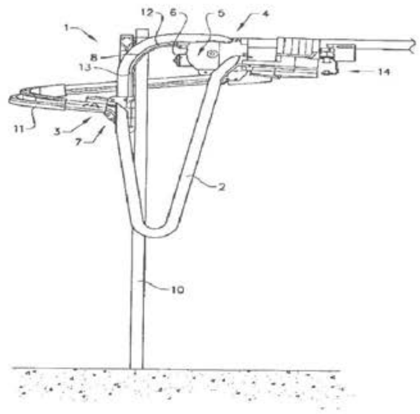
(51) **International Classification :** B65G 21/22 (2006.01) B65G 17/40 (2006.01) A41H 42/00 (2006.01)

(54) **Title**
Conveyor work station

(57) **Abstract**

The invention relates to a conveyor work station comprising an endless conveyor chain adapted to carry product carriers in a hanging manner from a loading position to a release position, where the conveyor work station comprises an upper driven chain wheel positioned at the release position, and a loading arrangement at the loading position, wherein the con-veyor work station further comprises a guide track arranged between the up¬per chain wheel and the loading arrangement, where the guide track is adapted to support the conveyor chain, thereby allowing the conveyor chain to be pushed from the upper chain wheel to the loading arrangement. The advantage of the invention is that a simple and reliable conveyor work station is provided, which only comprises one chain wheel.



(56) **Documents Cited :** FR-2307907 GB-2274875 DE-102005006067

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4515

(21) Application No : AP/P/2013/007020

(22) Filing Date : 30.12.2011

(24) Date of Grant &
(45) Publication : 22/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/428,608	30.12.2010

(72) Inventors
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ELANGO Navin, United States of America
HENRY Matthew J, United States of America
et al

(84) Designated States:
ZM MZ ZW

(74) Representative
FISHER CORMACK & BOTHA, Malawi

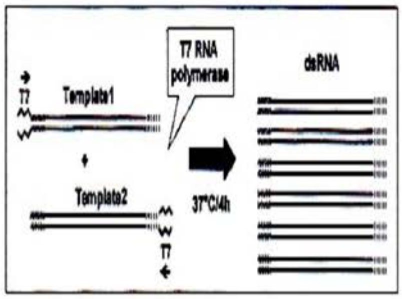
(51) International Classification : C12N 15/12 (2006.01) C12N 15/82 (2006.01) C12N 5/00 (2006.01) A01H 5/00 (2006.01)

(54) Title
Nucleic acid molecules that target the vacuolar aptase C subunit and confer resistance to coleopteran pests

(57) Abstract

This disclosure concerns nucleic acid molecules and methods of use thereof for control of coleopteran pests through RNA interference-mediated inhibition of target coding and transcribed non-coding sequences in coleopteran pests. The disclosure also concerns methods for making transgenic plants that express nucleic acid molecules useful for the control of coleopteran pests, and the plant cells and plants obtained thereby

FIG. 1.



(56) Documents Cited : WO 2007/035650 A2 WO 2005/110068 A2 WO 2005/110068 A2
WHYARD S Et al:

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4516

(21) Application No : AP/P/2014/007827

(22) Filing Date : 26.10.2012

(24) (45) Date of Grant & Publication : 23/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201110449373.3	29.12.2011

(72) Inventors
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XIA Minggui, Peoples Republic of China
ZHANG Liang, Peoples Republic of China
et al

(84) Designated States:

SZ	LR	MZ	MW	RW	SL	ZW
NA	ZM	TZ	LS	BW	UG	GH
KE	GM	SD				

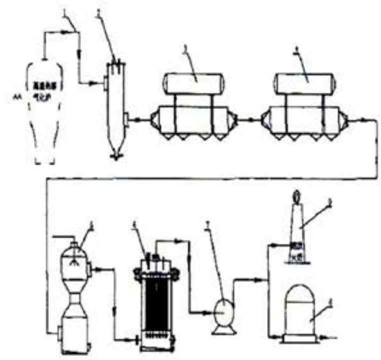
(74) Representative
GALLOWAY & COMPANY, Zimbabwe

(51) International Classification : C10K 1/02 (2006.01); C10K 1/00 (2006.01); C10K 1/10 (2006.01); C10K 1/06 (2006.01)

(54) Title
Biomass syngas purification process under negative pressure for producing oil and system configuration thereof

(57) Abstract

Provided is a biomass syngas purification process under negative pressure for producing oil and the system thereof. In the process, a high temperature syngas extracted from a gasifier enters a water-cooled chilling tower via a water-cooled flue, and the gas is partly chilled to solidify slag by spraying water; the waste heat is recovered by a waste heat boiler of a water-tube type and a waste heat boiler of a heat-tube type in two stages with double pressure;the by-products, middle pressure steam and low pressure steam, are ejected externally;after the heavy tar is condensed and recovered by the waste heat boiler of the heat-tube type, scrubbing and dust extraction by a Venturi scrubber without padding, deep dust extraction by a wet electrostatic precipitator, and purification by removing tar fog are performed; then the resulting product is extracted by a wet electrostatic precipitator, and purification by removing tar fog are performed; then the resulting product is extracted by a gas fan and sent to a wet gas-holder for storage or supplied for use down-stream. The purification aims of cooling of the syngas in stages, gradient recycling use of waste heat, dust extraction insteps and tar removal are achieved and the technical problems of a complex system, long flow, high energy consumption, low efficiency, and poor stability and economy are resolved by optimizing the process and controlling the appropriate process parameters.



AA HIGH TEMPERATURE PYROLYSIS GASIFIER
9 LIGHTING THE TORCH

图1 /Fig.1

(56) Documents Cited : US 2010/299995 A1; EP 2 013 317 A1; JP H11 21565 A; US 2007/051044 A1; US 4 398 501 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4517

(21) Application No : AP/P/2015/008448

(22) Filing Date : 28.11.2013

(24) (45) Date of Grant & Publication : 23/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
HU	P1200691	29.11.2012

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DEBELLE Marc, France
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(84) Designated States:

BW	GH	GM	KE	LR	LS	MW
MZ	NA	RW	SD	SL	SZ	TZ
UG	ZM	ZW				

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : A61K 31/495 (2006.01) A61P 25/18 (2006.01)

(54) Title
TRANS-4-{2-[4-(2,3-DICHLOROPHENYL)-PIPERAZIN-1-YL]-ETHYL} -N,N-DIMETHYLCARBAMOYL-CYCLO-HEXYLAMINE FOR TREATING NEGATIVE SYMPTOMS OF SCHIZOPHRENIA

(57) Abstract

The present invention relates to trans-4-{2-[4-(2,3-dichlorophenyl)-piperazin-1-yl]- ethyl}-N,N-dimethylcarbamoyl-cyclohexylamine (cariprazine) and pharmaceutically acceptable salts and hydrates and solvates and polymorphs thereof for use in the treatment of primary negative symptoms of schizophrenia and/or predominantly negative symptoms of schizophrenia.

(56) Documents Cited : WO 2008/142462 A1 WO2010/126527 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4518

(21) Application No : AP/P/2015/008692

(22) Filing Date : 07.03.2014

(24) (45) Date of Grant & Publication : 23/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/774,684	08.03.2013
US	61/774,773	08.03.2013
US	61/774,731	08.03.2013
US	61/774,735	08.03.2013
US	61/774,740	08.03.2013
US	61/774,744	08.03.2013
US	61/774,746	08.03.2013
US	61/774,750	08.03.2013
US	61/774,752	08.03.2013
US	61/774,754	08.03.2013
US	61/774,775	08.03.2013
US	61/774,780	08.03.2013
US	61/774,761	08.03.2013
US	61/774,723	08.03.2013
US	61/793,336	15.03.2013

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MASTERMAN Thomas Craig, United States of America
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(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(74) Representative
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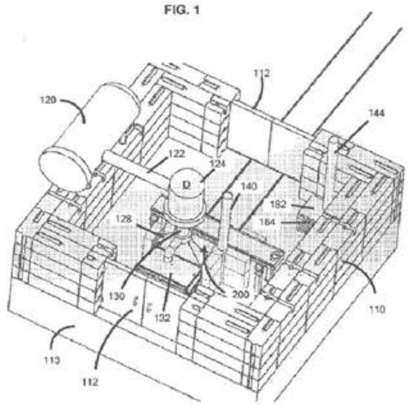
(51) International Classification : B01J 19/08 (2006.01)

(54) Title
CONTROLLING PROCESS GASES

(57) Abstract

Biomass (e.g., plant biomass, animal biomass, and municipal waste biomass) is processed to produce useful intermediates and products, such as energy, fuels, foods or materials. For example, equipment, systems and methods are described that can be used to treat feedstock materials, such as cellulosic and/or lignocellulosic materials, in a vault in which hazardous gases are removed, destroyed and/or converted. The treatments are efficient and can reduce the recalcitrance of the lignocellulosic material so that it is easier to produce an intermediate or product, e.g., sugars, alcohols, sugar alcohols and energy, from the lignocellulosic material.

FIG. 1



(56) Documents Cited : US 2004/0113094 A1 US 2012/0316376 A1 US 2012/0136196 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4519

(21) Application No : AP/P/2015/008725

(22) Filing Date : 19.03.2014

(24) (45) Date of Grant & Publication : 23/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2013-065192	26.03.2013

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YAMADA Eiichi, Japan
MURAHASHI Kazuki, Japan
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(84) Designated States:
MZ TZ

(74) Representative
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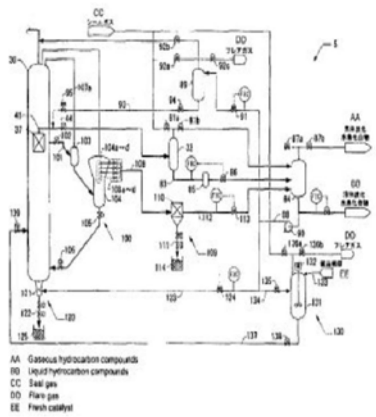
(51) International Classification :
C10G 2/00 (2006.01)
B03B 5/28 (2006.01)
B03C 1/00 (2006.01)
B01J 8/22 (2006.01)
B03B 5/64 (2006.01)

(54) Title
HYDROCARBON SYNTHESIS REACTION APPARATUS

(57) Abstract

This hydrocarbon synthesis apparatus is provided with: a reactor for bringing a syngas which comprises carbon monoxide gas and hydrogen gas as main components into contact with a slurry obtained by suspending a solid catalyst in a liquid hydrocarbon compound, and thus synthesizing liquid hydrocarbon compounds by a Fischer-Tropsch process; a filter which is provided in the reactor and which separates the liquid hydrocarbon compounds from the catalyst; and a pulverized catalyst particles discharging means for discharging pulverized catalyst particles to the outside of the reactor, said pulverized catalyst particles being formed by pulverization of the solid catalyst contained in the slurry.



(56) Documents Cited : WO2011/034036 A1 WO 2010/038396 A1 WO 2012/132920 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4520

(21) Application No : AP/P/2013/007053

(22) Filing Date : 27.01.2012

(24) (45) Date of Grant & Publication : 25/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
US	13/016,233	28.01.2011

(72) Inventors
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MINAMITANI Koshi, Japan
IGUCHI Yoshitaka, United States of America

(84) Designated States:
UG KE RW TZ SD

(74) Representative
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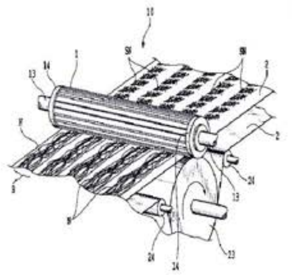
(51) International Classification : A21C 11/10 (2006.01)

(54) Title
Apparatus and method for cutting noodle

(57) Abstract

A noodle strand cutting apparatus (10) for cutting gelatinized noodle strands (N) used in manufacturing of instant noodles is provided with: a conveyer (2) for conveying at least one bundle (B) of the gelatinized noodle strands (N); and a rotary cutter (1) arranged above the conveyer (2) and intended to cut, to a predetermined length, the at least one bundle (B) of the gelatinized noodle strands (N) conveyed on the conveyer (2) in a substantially horizontal direction. The rotary cutter (19 is provided with a plurality of blades (11) that extend side by side with a rotational axis in radial directions around the rotational axis (13), the plurality of blades (11) being spaced from each other in a circumferential direction by predetermined intervals.



(56) Documents Cited : EP2005829 A1, US2629341 A, US4988528 A, GB2329570 A, FR1100262 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4521

(21) Application No : AP/P/2013/007149

(22) Filing Date : 02.03.2012

(24) (45) Date of Grant & Publication : 26/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
IT	MI2011A 000387	11.03.2011

(72) Inventors
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(84) Designated States:

TZ	SZ	GH	SD	MZ	ZM	LS
SL	KE	RW	ZW	MW	NA	LR
UG	BW	GM				

(74) Representative
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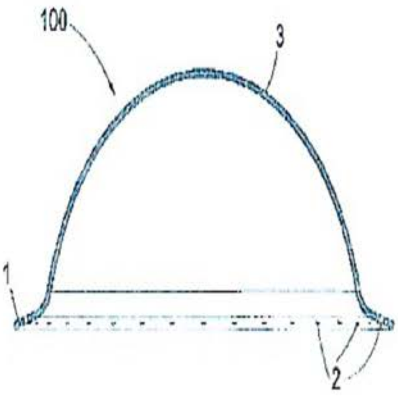
(51) International Classification : A61F 2/04 (2006.01); A61L 27/54 (2006.01); A61F 2/02 (2006.01); A61L 27/18 (2006.01); A61F 2/00 (2006.01)

(54) Title
Hemisphere for bladder expansion in patients with low compliance

(57) Abstract

A description is given of a device for the expansion of an atrophied bladder formed by a hemisphere (100,200), as a single piece, in biocompatible material characterised in that said material is selected from polylactic acid (PLA) and silicone coated with pyrolytic turbostratic carbon or with amorphous diamond-like carbon.



(56) Documents Cited :

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP
(11) **Patent No :** AP 4522 (21) **Application No :** AP/P/2014/007440 (22) **Filing Date :** 19.07.2012 (24) **Date of Grant &** (45) **Publication :** 26/03/2018		(73) **Applicant(s)** OUTOTEC OYJ, Puolikkotie 10, FI-02230 Espoo, Finland
(30) **Priority Data** **(33) Country** **(31) Number** **(32) Date** DE 10 2011 108 747.1 28.07.2011		(72) **Inventors** SEMILLER Karl, Germany
(84) **Designated States:** ZW		(74) **Representative** FISHER CORMACK & BOTHA, Malawi

(51) **International Classification :** C22B 1/20 (2006.01)

(54) **Title**

Method and regulator for adjusting the burn-through point in a sintering machine

(57) **Abstract**

For adjusting the burn-through point (D) in a sintering machine (1), in which the material to be sintered is charged onto a conveying path (3), ignited and transported past windboxes (6) arranged in conveying direction (F) up to a material dump (5), the temperature is measured at at least three measurement points (10) consecutively arranged along the conveying path (3) and the conveying speed of the sintering machine (1) is adjusted in dependence on the position of the maximum measured temperature (D(i)) relative to the position of the selected burn-through point (D) on the conveying path. The profile of the temperature of three consecutively arranged measurement points (10) is compared, wherein a maximum of the temperature is assumed when the first and third measurement points (10) in conveying direction (F) have a lower temperature value than the second measurement point (10), and wherein no maximum of the temperature is assumed when all measurement points (10) form an ascending series of temperature values. With an assumed maximum of the temperature, the conveying speed is adjusted in dependence on a deviation between the position of the measurement point with the maximum temperature value (D(i)) and the position of the selected burn-through point (D), whereas with no assumed maximum of the temperature the conveying speed is reduced by a specified value.

(56) **Documents Cited :** US 3 399 053 A US 3 211 441 A US 4 065 295 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4523

(21) **Application No :** AP/P/2015/008644

(22) **Filing Date :** 20.02.2014

(24) (45) **Date of Grant & Publication :** 26/03/2018

(73) **Applicant(s)**
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(30) **Priority Data**

(33) Country	(31) Number	(32) Date
IT	MI 2013 A 000235	20.02.2013

(72) **Inventors**
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(84) **Designated States:**
NA ZM ZW

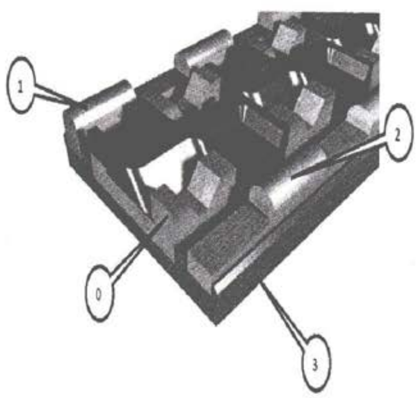
(74) **Representative**
FISHER CORMACK & BOTHA, Malawi

(51) **International Classification :** C25C 7/02 (2006.01) C25C 1/12 (2006.01) C25C 7/06 (2006.01)

(54) **Title**
DEVICE FOR MONITORING CURRENT DISTRIBUTION IN INTERCONNECTED ELECTROLYTIC CELLS

(57) **Abstract**

The present invention relates to a device for the continuous monitoring of current distribution in the cathodes and anodes of an electrolyser comprised of at least two adjacent electrolytic cells, each containing a multiplicity of said cathodes and anodes. The device according to the invention is composed essentially of at least one current-collecting bus-bar having housings suitable for supporting the electrodes and a base of insulating material whereon the bus-bar abuts. The base has integrated probes for measuring voltage. The invention also relates to a permanent monitoring system allowing to evaluate in continuous current distribution on each electrode in cells used in particular in metal electrowinning or electrorefining. The invention also relates to a method for retrofitting of an electrolyser comprising the replacement of an existing insulating base with a new base element having integrated probes for measuring voltage.



(56) **Documents Cited :** WO 2009/016190 A2

Patents Granted (Contd.)

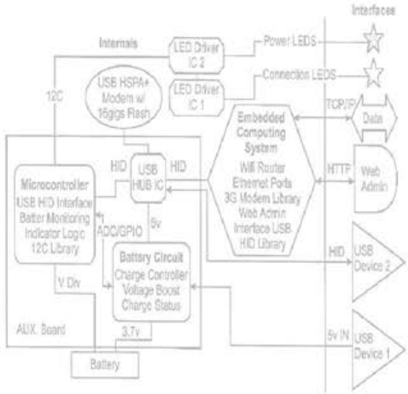
FORM 25	(12) PATENT	(19) AP
(11) Patent No : AP 4524 (21) Application No : AP/P/2015/008802 (22) Filing Date : 14.03.2014 (24) (45) Date of Grant & Publication : 26/03/2018		(73) Applicant(s) Ushahidi, Inc., 12472 Lake Underhill Road, No. 330, Orlando, Florida 32828, United States of America
(30) Priority Data (33) Country: US (31) Number: 61/798,533 (32) Date: 15.03.2013		(72) Inventors ORTON Reginald, Canada Hersman Erik, Kenya WALTON Philip, Kenya et al
(84) Designated States: KE		(74) Representative FISHER CORMACK & BOTHA, Malawi

(51) International Classification : G06F 15/16 (2006.01)

(54) Title
DEVICES, SYSTEMS AND METHODS FOR ENABLING NETWORK CONNECTIVITY

(57) Abstract

Techniques, including systems, devices and methods, for enabling network connectivity are described. In particular, systems, devices and methods for flexibly configuring network connections for reliability and/or extensibility are described. Such techniques include improving reliability of network connections by adaptively utilizing multiple network and electrical power configurations. The disclosed techniques also include enabling user-definable network functionality through a variety of methods.



(56) Documents Cited : US 2012/0110111 US 2010/0324845 US 2006/0152087

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4525

(21) Application No : AP/P/2015/008537

(22) Filing Date : 04.12.2013

(24) (45) Date of Grant & Publication : 27/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
NL	2010045	21.12.2012

(72) Inventors
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(84) Designated States:
BW GH GM KE LR LS MW
MZ NA RW SD SL SZ TZ
UG ZM ZW

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

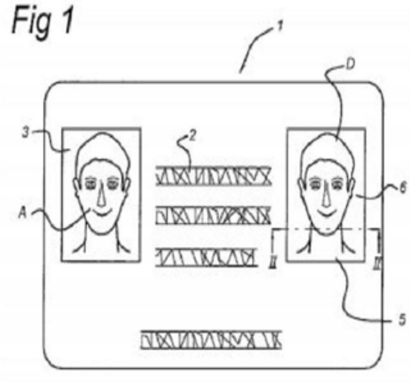
(51) International Classification : B42D 15/10 (2006.01)

(54) Title
IDENTITY DOCUMENT COMPRISING A GHOST IMAGE BASED ON A TWO-DIMENSIONAL IMAGE

(57) Abstract

An identity document includes in a single plane a two-dimensional image and under optical means a ghost image for verifying the authenticity of the two-dimensional image. The ghost image is a stereo image and the stereo image is based on the two- dimensional image. The stereo image includes at least two images of the person on the identity card wherein at least one of the two images is a calculated image. The stereo image may further include a floating image, the floating image being arranged to be perceived to float over the ghost image.

Fig 1



(56) Documents Cited : EP 2466345 A1 DE 102007029204 A1 WO 2011/0015384 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4526

(21) Application No : AP/P/2015/008793

(22) Filing Date : 03.04.2014

(24) (45) Date of Grant & Publication : 27/03/2018

(73) Applicant(s)
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(30) Priority Data

(33) Country	(31) Number	(32) Date
IT	MI2013A000505	04.04.2013

(72) Inventors
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CALDERARA Alice, Italy
LACOPETTI Luciano, Italy

(84) Designated States:
NA ZM ZW

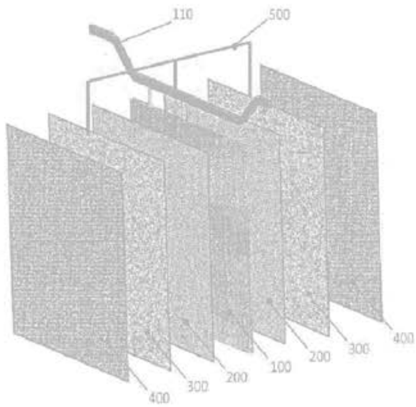
(74) Representative
FISHER CORMACK & BOTHA, Malawi

(51) International Classification : C25C 7/02 (2006.01) C25C 1/12 (2006.01)

(54) Title
ELECTROLYTIC CELL FOR METAL ELECTROWINNING

(57) Abstract

The invention relates to a cell for metal electrowinning equipped with a device useful for preventing the adverse effects of dendrite growth on the cathodic deposit. The cell comprises a porous conductive screen, positioned between the anode and the cathode, capable of stopping the growth of dendrites and avoiding that they reach the anode surface.



(56) Documents Cited : US 6 352 622 B1 US 6 120 658 A US 4 786 384 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4527

(21) Application No : AP/P/2014/007660

(22) Filing Date : 29.11.2011

(24) (45) Date of Grant & Publication : 29/03/2018

(73) Applicant(s)
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(30) Priority Data
(33) Country **(31) Number** **(32) Date**

(72) Inventors
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LAHTINEN Markku, Finland
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et al

(84) Designated States:
BW ZM

(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : C22B 15/00 (2006.01) F27D 3/18 (2006.01)

(54) Title
Method for controlling the suspension in a suspension smelting furnace, a suspension smelting furnace, and a concentrate burner

(57) Abstract

The invention relates to a method for controlling suspension (8) hi a suspension smelting furnace (1), to a suspension smelting furnace, and to a concentrate burner (2). The method comprises feeding additionally to pulverous solid matter (6) and additionally to reaction gas (7) reducing agent (13) into the suspension smelting furnace (1), wherein reducing agent (13) is fed hi the form of a concentrated stream of reducing agent (13) through the suspension (8) in the reaction shaft (2) onto the surface (9) of the melt (10) to form a reducing zone (15) containing reducing agent (13) within the collection zone (14) of the melt (10).

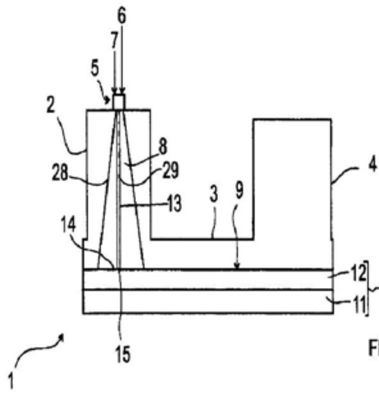

FIG 5

(56) Documents Cited : FI100889 B JPS58221241 A WO0070103 A1 GB1243568 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4528

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(33) Country	(31) Number	(32) Date
IN	1292/DEL/2010	02.07.2010

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(84) Designated States:
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(51) International Classification : C08F 251/00 (2006.01); A61L 15/60 (2006.01); C08F 292/00 (2006.01); C09K 17/40 (2006.01)

(54) Title
Novel superabsorbents and the method(s) of obtaining the same

(57) Abstract

This invention relates to novel non-composite and composite superabsorbents, wherein the dry superabsorbents are xerogels, more particularly the bio-xerogels or the composites, particularly the biocomposites, more particularly the bionanocom-posites and the method(s) of obtaining the same characterized by simultaneous in situ grafting and cross linking of ethylinically unsaturated monomers on to a single biopolymer of plant or animal origin, or on combination of different biopolymers or biopolymer(s) or / and clay(s), in a homogeneous polar phase, in the presence of initiator and crosslinker of chemical or non-chemical origin, at a temperature of 40 to 90 °C, achieved by conventional or microwave heating, reaction time varying from instantaneous to 48 hours, involving use of alkali, either in situ or post reaction at room or elevated temperatures for achieving superior absorbency, in an inert or ambient reaction environment, to yield a neutral or near neutral product

(56) Documents Cited : CN 1519034 A US 2010/0198177 A1

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
C08F 251/00 (2006.01) C08F 292/00 (2006.01) A61L 15/60 (2006.01) C09K 17/40 (2006.01)	AP/P/2012/006604	AP 4528	PCT/IN11/000432	INDIAN COUNCIL OF AGRICULTURAL RESEARCH
C12N 15/12 (2006.01) C12N 15/82 (2006.01) C12N 5/00 (2006.01) A01H 5/00 (2006.01)	AP/P/2013/007020	AP 4515	PCT/US11/068144	Dow AgroSciences LLC
A21C 11/10 (2006.01)	AP/P/2013/007053	AP 4520	PCT/JP12/000543	NISSIN FOODS HOLDINGS CO., LTD.
A23L 1/16 (2006.01) A23L 1/162 (2006.01)	AP/P/2013/007105	AP 4504	PCT/JP11/059993	SANYO FOODS CO., LTD
A61F 2/04 (2006.01) A61L 27/18 (2006.01) A61L 27/54 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01)	AP/P/2013/007149	AP 4521	PCT/EP12/053676	SAMBUSSETI Antonio
C22B 11/00 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01) B03D 1/004 (2006.01) B03D 1/02 (2006.01)	AP/P/2013/007181	AP 4503	PCT/PH11/000009	OSTREA Antonio M
C22B 1/20 (2006.01)	AP/P/2014/007440	AP 4522	PCT/EP12/064205	OUTOTEC OYJ
C22B 15/00 (2006.01) F27D 3/18 (2006.01)	AP/P/2014/007660	AP 4527	PCT/FI11/051055	OUTOTEC OYJ
C10K 1/02 (2006.01) C10K 1/10 (2006.01) C10K 1/00 (2006.01) C10K 1/06 (2006.01)	AP/P/2014/007827	AP 4516	PCT/CN12/083536	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.
C10J 3/46 (2006.01) C10J 3/48 (2006.01)	AP/P/2014/007828	AP 4512	PCT/CN12/083562	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.
C10L 3/08 (2006.01) F22B 1/18 (2006.01) C10L 3/10 (2006.01)	AP/P/2014/008078	AP 4513	PCT/CN13/074232	SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD.
A61K 8/63 (2006.01) G01N 33/543 (2006.01)	AP/P/2015/008200	AP 4505	PCT/IB13/054686	UNIVERSITY OF PRETORIA
A61K 31/495 (2006.01) A61P 25/18 (2006.01)	AP/P/2015/008448	AP 4517	PCT/IB2013/060465	RICHTER GEDEON NYRT.
H04W 8/18 (2009.01) H04W 8/20 (2009.01)	AP/P/2015/008481	AP 4507	PCT/US2013/069989	QUALCOMM INCORPORATED
A61B 3/12 (2006.01)	AP/P/2015/008480	AP 4506	PCT/GB2013/052783	EPIPOLE LIMITED
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H04L 29/08 (2006.01)	AP/P/2015/008514	AP 4510	PCT/US2013/074805	QUALCOMM INCORPORATED
B42D 15/10 (2006.01)	AP/P/2015/008537	AP 4525	PCT/NL2013/050872	MORPHO B.V.
C25C 7/02 (2006.01) C25C 7/06 (2006.01) C25C 1/12 (2006.01)	AP/P/2015/008644	AP 4523	PCT/EP2014/053322	INDUSTRIE DE NORA S.P. A.
B01J 19/08 (2006.01)	AP/P/2015/008692	AP 4518	PCT/US2014/021630	XYLECO, INC.

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A61K 31/137 (2006.01) A61K 31/135 (2006.01) A61K 31/167 (2006.01) A61P 11/02 (2006.01) A61P 11/12 (2006.01)	AP/P/2015/008704	AP 4508	PCT/NZ2014/000001	AFT PHARMACEUTICALS LIMITED
C10G 2/00 (2006.01) B01J 8/22 (2006.01) B03B 5/28 (2006.01) B03B 5/64 (2006.01) B03C 1/00 (2006.01)	AP/P/2015/008725	AP 4519	PCT/JP2014/057553	JAPAN OIL, GAS AND METALS NATIONAL CORPORATION
G01N 21/03 (2006.01) G01N 15/02 (2006.01) G01N 15/06 (2006.01) G01N 15/14 (2006.01)	AP/P/2015/008762	AP 4511		GRUNDFOS HOLDING A/S
C25C 7/02 (2006.01) C25C 1/12 (2006.01)	AP/P/2015/008793	AP 4526	PCT/EP2014/056680	INDUSTRIE DE NORA S.p. A.
G06F 15/16 (2006.01)	AP/P/2015/008802	AP 4524	PCT/US2014/028923	Ushahidi, Inc.
B65G 21/22 (2006.01) A41H 42/00 (2006.01) B65G 17/40 (2006.01)	AP/P/2015/008210	AP 4514	PCT/SE13/050892	Eton Innovation AB

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Dow AgroSciences LLC	AP/P/2013/007020	AP 4515	PCT/US11/068144	C12N 15/12 (2006.01) C12N 15/82 (2006.01) C12N 5/00 (2006.01) A01H 5/00 (2006.01)
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SANYO FOODS CO., LTD	AP/P/2013/007105	AP 4504	PCT/JP11/059993	A23L 1/16 (2006.01) A23L 1/162 (2006.01)
SAMBUSSETI Antonio	AP/P/2013/007149	AP 4521	PCT/EP12/053676	A61F 2/04 (2006.01) A61L 27/18 (2006.01) A61L 27/54 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01)
OSTREA Antonio M	AP/P/2013/007181	AP 4503	PCT/PH11/000009	C22B 11/00 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01) B03D 1/004 (2006.01) B03D 1/02 (2006.01)
OUTOTEC OYJ	AP/P/2014/007440	AP 4522	PCT/EP12/064205	C22B 1/20 (2006.01)
OUTOTEC OYJ	AP/P/2014/007660	AP 4527	PCT/FI11/051055	C22B 15/00 (2006.01) F27D 3/18 (2006.01)
WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.	AP/P/2014/007827	AP 4516	PCT/CN12/083536	C10K 1/02 (2006.01) C10K 1/10 (2006.01) C10K 1/00 (2006.01) C10K 1/06 (2006.01)
WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.	AP/P/2014/007828	AP 4512	PCT/CN12/083562	C10J 3/46 (2006.01) C10J 3/48 (2006.01)
SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD.	AP/P/2014/008078	AP 4513	PCT/CN13/074232	C10L 3/08 (2006.01) F22B 1/18 (2006.01) C10L 3/10 (2006.01)
UNIVERSITY OF PRETORIA	AP/P/2015/008200	AP 4505	PCT/IB13/054686	A61K 8/63 (2006.01) G01N 33/543 (2006.01)
RICHTER GEDEON NYRT.	AP/P/2015/008448	AP 4517	PCT/IB2013/060465	A61K 31/495 (2006.01) A61P 25/18 (2006.01)
QUALCOMM INCORPORATED	AP/P/2015/008481	AP 4507	PCT/US2013/069989	H04W 8/18 (2009.01) H04W 8/20 (2009.01)
EPIPOLE LIMITED	AP/P/2015/008480	AP 4506	PCT/GB2013/052783	A61B 3/12 (2006.01)
QUALCOMM INCORPORATED	AP/P/2015/008499	AP 4509	PCT/US2013/072327	H04W 52/02 (2009.01)
QUALCOMM INCORPORATED	AP/P/2015/008514	AP 4510	PCT/US2013/074805	H04L 29/08 (2006.01)
MORPHO B.V.	AP/P/2015/008537	AP 4525	PCT/NL2013/050872	B42D 15/10 (2006.01)
INDUSTRIE DE NORA S.P. A.	AP/P/2015/008644	AP 4523	PCT/EP2014/053322	C25C 7/02 (2006.01) C25C 7/06 (2006.01) C25C 1/12 (2006.01)
XYLECO, INC.	AP/P/2015/008692	AP 4518	PCT/US2014/021630	B01J 19/08 (2006.01)

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AFT PHARMACEUTICALS LIMITED	AP/P/2015/008704	AP 4508	PCT/NZ2014/000001	A61K 31/137 (2006.01) A61K 31/135 (2006.01) A61K 31/167 (2006.01) A61P 11/02 (2006.01) A61P 11/12 (2006.01)
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION	AP/P/2015/008725	AP 4519	PCT/JP2014/057553	C10G 2/00 (2006.01) B01J 8/22 (2006.01) B03B 5/28 (2006.01) B03B 5/64 (2006.01) B03C 1/00 (2006.01)
GRUNDFOS HOLDING A/S	AP/P/2015/008762	AP 4511		G01N 21/03 (2006.01) G01N 15/02 (2006.01) G01N 15/06 (2006.01) G01N 15/14 (2006.01)
INDUSTRIE DE NORA S.p. A.	AP/P/2015/008793	AP 4526	PCT/EP2014/056680	C25C 7/02 (2006.01) C25C 1/12 (2006.01)
Ushahidi, Inc.	AP/P/2015/008802	AP 4524	PCT/US2014/028923	G06F 15/16 (2006.01)
Eton Innovation AB	AP/P/2015/008210	AP 4514	PCT/SE13/050892	B65G 21/22 (2006.01) A41H 42/00 (2006.01) B65G 17/40 (2006.01)

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AP/P/2013/007020	AP 4515	PCT/US11/068144	Dow AgroSciences LLC	C12N 15/12 (2006.01) C12N 15/82 (2006.01) C12N 5/00 (2006.01) A01H 5/00 (2006.01)
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AP/P/2013/007105	AP 4504	PCT/JP11/059993	SANYO FOODS CO., LTD	A23L 1/16 (2006.01) A23L 1/162 (2006.01)
AP/P/2013/007149	AP 4521	PCT/EP12/053676	SAMBUSSETI Antonio	A61F 2/04 (2006.01) A61L 27/18 (2006.01) A61L 27/54 (2006.01) A61F 2/00 (2006.01) A61F 2/02 (2006.01)
AP/P/2013/007181	AP 4503	PCT/PH11/000009	OSTREA Antonio M	C22B 11/00 (2006.01) C22B 1/00 (2006.01) C22B 15/00 (2006.01) B03D 1/004 (2006.01) B03D 1/02 (2006.01)
AP/P/2014/007440	AP 4522	PCT/EP12/064205	OUTOTEC OYJ	C22B 1/20 (2006.01)
AP/P/2014/007660	AP 4527	PCT/FI11/051055	OUTOTEC OYJ	C22B 15/00 (2006.01) F27D 3/18 (2006.01)
AP/P/2014/007827	AP 4516	PCT/CN12/083536	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.	C10K 1/02 (2006.01) C10K 1/10 (2006.01) C10K 1/00 (2006.01) C10K 1/06 (2006.01)
AP/P/2014/007828	AP 4512	PCT/CN12/083562	WUHAN KAIDI ENGINEERING TECHNOLOGY RESEARCH INSTITUTE CO., LTD.	C10J 3/46 (2006.01) C10J 3/48 (2006.01)
AP/P/2014/008078	AP 4513	PCT/CN13/074232	SUNSHINE KAIDI NEW ENERGY GROUP CO., LTD.	C10L 3/08 (2006.01) F22B 1/18 (2006.01) C10L 3/10 (2006.01)
AP/P/2015/008200	AP 4505	PCT/IB13/054686	UNIVERSITY OF PRETORIA	A61K 8/63 (2006.01) G01N 33/543 (2006.01)
AP/P/2015/008448	AP 4517	PCT/IB2013/060465	RICHTER GEDEON NYRT.	A61K 31/495 (2006.01) A61P 25/18 (2006.01)
AP/P/2015/008481	AP 4507	PCT/US2013/069989	QUALCOMM INCORPORATED	H04W 8/18 (2009.01) H04W 8/20 (2009.01)
AP/P/2015/008480	AP 4506	PCT/GB2013/052783	EPIPOLE LIMITED	A61B 3/12 (2006.01)
AP/P/2015/008499	AP 4509	PCT/US2013/072327	QUALCOMM INCORPORATED	H04W 52/02 (2009.01)
AP/P/2015/008514	AP 4510	PCT/US2013/074805	QUALCOMM INCORPORATED	H04L 29/08 (2006.01)
AP/P/2015/008537	AP 4525	PCT/NL2013/050872	MORPHO B.V.	B42D 15/10 (2006.01)
AP/P/2015/008644	AP 4523	PCT/EP2014/053322	INDUSTRIE DE NORA S.P. A.	C25C 7/02 (2006.01) C25C 7/06 (2006.01) C25C 1/12 (2006.01)
AP/P/2015/008692	AP 4518	PCT/US2014/021630	XYLECO, INC.	B01J 19/08 (2006.01)

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AP/P/2015/008704	AP 4508	PCT/NZ2014/000001	AFT PHARMACEUTICALS LIMITED	A61K 31/137 (2006.01) A61K 31/135 (2006.01) A61K 31/167 (2006.01) A61P 11/02 (2006.01) A61P 11/12 (2006.01)
AP/P/2015/008725	AP 4519	PCT/JP2014/057553	JAPAN OIL, GAS AND METALS NATIONAL CORPORATION	C10G 2/00 (2006.01) B01J 8/22 (2006.01) B03B 5/28 (2006.01) B03B 5/64 (2006.01) B03C 1/00 (2006.01)
AP/P/2015/008762	AP 4511		GRUNDFOS HOLDING A/S	G01N 21/03 (2006.01) G01N 15/02 (2006.01) G01N 15/06 (2006.01) G01N 15/14 (2006.01)
AP/P/2015/008793	AP 4526	PCT/EP2014/056680	INDUSTRIE DE NORA S.p. A.	C25C 7/02 (2006.01) C25C 1/12 (2006.01)
AP/P/2015/008802	AP 4524	PCT/US2014/028923	Ushahidi, Inc.	G06F 15/16 (2006.01)
AP/P/2015/008210	AP 4514	PCT/SE13/050892	Eton Innovation AB	B65G 21/22 (2006.01) A41H 42/00 (2006.01) B65G 17/40 (2006.01)

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AP 1734	AP/P/2000/001939	07.03.2018	07.04.2019	19th yr
AP 1940	AP/P/2000/001951	23.02.2018	01.03.2019	19th yr
AP 1518	AP/P/2000/001973	07.03.2018	26.04.2019	19th yr
AP 1380	AP/P/2001/002303	27.02.2018	20.04.2019	18th yr
AP 2798	AP/P/2002/002451	14.03.2018	27.03.2019	16th yr
AP 1799	AP/P/2003/002902	06.03.2018	13.03.2019	16th yr
AP 1746	AP/P/2004/003133	27.02.2018	12.03.2019	15th yr
AP 1903	AP/P/2004/003175	23.02.2018	17.04.2019	15th yr
AP 2062	AP/P/2005/003389	23.02.2018	04.03.2019	14th yr
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AP 2045	AP/P/2005/003437	07.02.2018	23.04.2019	14th yr
AP 2722	AP/P/2006/003636	23.02.2018	30.05.2019	12th yr
AP 2269	AP/P/2006/003720	23.02.2018	15.03.2019	13th yr
AP 2232	AP/P/2006/003738	02.03.2018	30.03.2019	13th yr
AP 2343	AP/P/2006/003752	02.03.2018	11.03.2019	13th yr
AP 1986	AP/P/2006/003753	14.03.2018	14.03.2019	13th yr
AP 2293	AP/P/2007/004158	27.02.2018	09.03.2019	12th yr
AP 2617	AP/P/2007/004178	07.03.2018	04.04.2019	12th yr
AP 2160	AP/P/2007/004195	07.03.2018	26.04.2019	12th yr
AP 2442	AP/P/2007/004201	23.02.2018	28.03.2019	12th yr
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AP 2357	AP/P/2008/004605	27.02.2018	01.03.2019	11th yr
AP 2399	AP/P/2008/004607	07.03.2018	08.03.2019	11th yr
AP 2433	AP/P/2008/004610	23.02.2018	08.03.2019	11th yr
AP 2949	AP/P/2008/004623	23.02.2018	06.03.2019	11th yr
AP 2954	AP/P/2008/004636	02.03.2018	15.03.2019	11th yr
AP 2401	AP/P/2008/004664	07.03.2018	02.04.2019	11th yr
AP 2566	AP/P/2009/004797	23.02.2018	06.03.2019	9th yr
AP 2932	AP/P/2009/004868	01.01.2018	28.11.2018	11th yr
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AP 2512	AP/P/2009/004990	23.02.2018	25.03.2019	10th yr
AP 2993	AP/P/2009/004998	02.03.2018	31.03.2019	10th yr
AP 2562	AP/P/2009/005004	07.03.2018	25.04.2019	10th yr
AP 2506	AP/P/2009/005017	07.03.2018	13.05.2019	10th yr
AP 3135	AP/P/2009/005030	02.03.2018	24.04.2019	10th yr
AP 3231	AP/P/2010/005401	09.03.2018	30.03.2019	9th yr
AP 3053	AP/P/2010/005417	23.02.2018	17.03.2019	9th yr
AP 2614	AP/P/2010/005427	23.02.2018	11.03.2019	9th yr

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AP 2863	AP/P/2010/005436	02.03.2018	12.03.2019	9th yr
AP 2858	AP/P/2011/005715	02.03.2018	18.06.2019	8th yr
AP 2725	AP/P/2011/005839	09.03.2018	28.03.2019	11th yr
AP 3073	AP/P/2011/005886	02.03.2018	25.03.2019	9th yr
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AP 3149	AP/P/2011/005906	03.03.2018	02.03.2019	8th yr
AP 3454	AP/P/2011/005915	07.03.2018	11.03.2019	8th yr
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AP 3425	AP/P/2011/005917	02.03.2018	11.03.2019	8th yr
AP 2908	AP/P/2011/005919	02.03.2018	10.03.2019	8th yr
AP 3470	AP/P/2011/005920	02.03.2018	13.03.2019	9th yr
AP 3812	AP/P/2011/005927	07.03.2018	24.04.2019	9th yr
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AP 3426	AP/P/2011/005931	02.03.2018	19.03.2019	8th yr
AP 3175	AP/P/2011/005942	02.03.2018	22.03.2019	8th yr
AP 3160	AP/P/2011/005951	02.03.2018	30.03.2019	8th yr
AP 3161	AP/P/2011/005955	07.03.2018	25.03.2019	8th yr
AP 3162	AP/P/2011/005960	07.03.2018	25.03.2019	8th yr
AP 4288	AP/P/2011/005981	20.03.2018	25.03.2019	8th yr
AP 3774	AP/P/2011/005989	02.03.2018	23.04.2019	8th yr
AP 3659	AP/P/2011/005990	02.03.2018	23.04.2019	8th yr
AP 3628	AP/P/2011/005992	02.03.2018	23.04.2019	8th yr
AP 3227	AP/P/2011/006019	15.03.2018	26.02.2019	8th yr
AP 4154	AP/P/2011/006041	01.01.2018	17.06.2018	7th yr
AP 3627	AP/P/2012/006156	14.02.2018	13.08.2018	7th yr
AP 3080	AP/P/2012/006230	09.03.2018	15.04.2019	7th yr
AP 4034	AP/P/2012/006438	23.02.2018	22.03.2019	7th yr
AP 3670	AP/P/2012/006452	20.12.2016	26.01.2018	6th yr
AP 4082	AP/P/2012/006457	23.02.2018	30.03.2019	7th yr
AP 3410	AP/P/2012/006472	14.03.2018	15.03.2019	7th yr
AP 3598	AP/P/2012/006474	09.03.2018	17.03.2019	7th yr
AP 3600	AP/P/2012/006477	23.02.2018	17.03.2019	7th yr
AP 3382	AP/P/2012/006486	14.03.2018	12.04.2019	7th yr
AP 3726	AP/P/2012/006503	07.03.2018	11.04.2019	7th yr
AP 3461	AP/P/2012/006506	09.03.2018	22.03.2019	7th yr
AP 4066	AP/P/2012/006507	15.03.2018	23.03.2019	7th yr
AP 3733	AP/P/2012/006508	15.03.2018	23.03.2019	7th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3221	AP/P/2012/006514	09.03.2018	23.03.2019	7th yr
AP 4049	AP/P/2012/006523	23.02.2018	23.03.2019	7th yr
AP 3143	AP/P/2012/006527	23.02.2018	18.03.2019	7th yr
AP 3517	AP/P/2012/006534	07.03.2018	21.04.2019	7th yr
AP 3896	AP/P/2012/006536	07.03.2018	19.04.2019	7th yr
AP 3931	AP/P/2012/006537	07.03.2018	19.04.2019	7th yr
AP 4206	AP/P/2012/006538	07.03.2018	19.04.2019	7th yr
AP 3515	AP/P/2012/006543	09.03.2018	31.03.2019	7th yr
AP 3804	AP/P/2012/006546	02.03.2018	22.03.2019	7th yr
AP 4491	AP/P/2012/006547	02.03.2018	22.03.2019	7th yr
AP 3621	AP/P/2012/006548	02.03.2018	22.03.2019	7th yr
AP 3552	AP/P/2012/006564	07.03.2018	29.04.2019	7th yr
AP 3657	AP/P/2013/006766	14.02.2018	19.03.2019	5th yr
AP 3699	AP/P/2013/006767	09.03.2018	22.03.2019	7th yr
AP 4237	AP/P/2013/006784	07.03.2018	27.03.2019	5th yr
AP 3508	AP/P/2013/006943	07.03.2018	27.04.2019	6th yr
AP 4147	AP/P/2013/006972	14.03.2018	14.12.2015	3rd yr
AP 4147	AP/P/2013/006972	14.03.2018	14.12.2016	4th yr
AP 4410	AP/P/2013/007085	23.02.2018	30.03.2019	6th yr
AP 3674	AP/P/2013/007131	23.02.2018	13.03.2019	6th yr
AP 3490	AP/P/2013/007132	23.02.2018	15.03.2019	6th yr
AP 4062	AP/P/2013/007133	23.02.2018	13.03.2019	6th yr
AP 3751	AP/P/2013/007147	02.03.2018	29.03.2019	6th yr
AP 4249	AP/P/2013/007154	23.02.2018	14.03.2019	6th yr
AP 4304	AP/P/2013/007160	15.03.2018	31.03.2019	6th yr
AP 3482	AP/P/2013/007164	02.03.2018	28.03.2019	6th yr
AP 3483	AP/P/2013/007174	14.03.2018	22.03.2019	6th yr
AP 3511	AP/P/2013/007177	07.04.2017	03.05.2018	5th yr
AP 3511	AP/P/2013/007177	24.10.2016	03.05.2017	4th yr
AP 3511	AP/P/2013/007177	24.10.2016	03.05.2016	3rd yr
AP 3492	AP/P/2013/007188	23.02.2018	26.03.2019	6th yr
AP 3496	AP/P/2013/007191	23.02.2018	26.03.2019	6th yr
AP 4130	AP/P/2013/007201	23.02.2018	26.03.2019	6th yr
AP 4079	AP/P/2013/007202	23.02.2018	26.03.2019	6th yr
AP 4258	AP/P/2013/007203	23.02.2018	26.03.2019	6th yr
AP 3769	AP/P/2013/007204	23.02.2018	26.03.2019	6th yr
AP 4152	AP/P/2013/007210	23.02.2018	14.03.2019	6th yr
AP 4389	AP/P/2013/007216	07.03.2018	25.04.2019	6th yr
AP 3523	AP/P/2013/007218	07.03.2018	07.03.2019	6th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3709	AP/P/2013/007219	02.03.2018	29.03.2019	6th yr
AP 3694	AP/P/2013/007258	14.03.2018	17.05.2019	6th yr
AP 4428	AP/P/2014/007352	07.03.2018	27.04.2019	6th yr
AP 3947	AP/P/2014/007471	02.02.2018	27.02.2019	4th yr
AP 3942	AP/P/2014/007924	23.02.2018	27.03.2019	5th yr
AP 4418	AP/P/2014/007986	15.03.2018	04.03.2019	5th yr
AP 4336	AP/P/2014/007987	15.03.2018	04.03.2019	5th yr
AP 4337	AP/P/2014/007988	15.03.2018	04.03.2019	5th yr
AP 4420	AP/P/2014/007989	15.03.2018	04.03.2019	5th yr
AP 4090	AP/P/2014/007990	15.03.2018	04.03.2019	5th yr
AP 4092	AP/P/2014/007998	23.02.2018	27.03.2019	5th yr
AP 4136	AP/P/2014/008004	20.03.2018	14.03.2019	5th yr
AP 4441	AP/P/2014/008015	14.02.2018	05.04.2019	5th yr
AP 4498	AP/P/2014/008016	07.03.2018	22.04.2019	5th yr
AP 3550	AP/P/2014/008028	15.03.2018	05.03.2019	5th yr
AP 4046	AP/P/2014/008030	23.02.2018	25.03.2019	5th yr
AP 4031	AP/P/2014/008036	02.03.2018	12.04.2019	5th yr
AP 3754	AP/P/2014/008045	02.03.2018	12.04.2019	5th yr
AP 3808	AP/P/2014/008048	07.03.2018	10.04.2019	5th yr
AP 3772	AP/P/2014/008050	23.02.2018	11.04.2019	5th yr
AP 4100	AP/P/2014/008149	09.03.2018	15.03.2019	5th yr
AP 4243	AP/P/2015/008362	02.03.2018	23.03.2019	11th yr
AP 3850	AP/P/2015/008699	23.02.2018	07.03.2019	4th yr
AP 4448	AP/P/2015/008713	23.02.2018	04.03.2019	4th yr
AP 4167	AP/P/2015/008738	02.03.2018	06.03.2019	4th yr
AP 4405	AP/P/2015/008741	09.03.2018	27.03.2019	4th yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2018/000114
(22) 07.03.2018
(23) 07.03.2018
(31) 2017900778
(32) 07.03.2017 (33) AU
(54) A GEO-CONTAINER BAG, METHOD OF MANUFACTURING THE GEO-CONTAINER BAG AND METHOD OF FILLING THE GEO-CONTAINER BAG IN-SITU
(71) Fibertex South Africa (Pty) Ltd
(72) HEAN Michael Rider Duff
(74) ENSafrica Namibia
(84) BW, GH, KE, LS, MW, MZ, NA, SZ, TZ, ZM, ZW
(96) 07.03.2018 AP/U/2018/000114

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(21) AP/U/2018/000115
(22) 19.03.2018
(23) 19.03.2018
(54) AN ELECTRIC GENERATOR HAVING A CENTRAL MAGNETIC SHAFT
(71) The Trustees for the time being of the KMN FULFILMENT TRUST
(72) MAKGERU Kabu Walter
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 19.03.2018 AP/U/2018/000115

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(21) AP/U/2018/000116
(22) 20.03.2018
(23) 20.03.2018
(54) A FOOT-OPERATED VALVE ASSEMBLY
(71) INNOV ASEPSIS LIMITED
(72) ABAHO Pidson and NAKIBAALA Grace
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 20.03.2018 AP/U/2018/000116

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(21) AP/U/2018/000117
(22) 26.03.2018
(23) 26.03.2018
(54) SOLAR POWERED JIG MECHANISM FOR EXISTING BUSH HAND PUMPS
(74) CHISI Tanda
(75) MASUKU Bongani and NDLOVU Nothando
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 26.03.2018 AP/U/2018/000117

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(21) AP/U/2018/000118
(22) 27.03.2018
(23) 27.03.2018
(54) GROUTABLE ROCK ANCHOR ASSEMBLY
(71) NCM INNOVATIONS (PTY) LTD
(72) BERGHORST Adriaan and PASTORINO Paolo Ettore
(74) HONEY & BLANCKENBERG
(84) ZM
(96) 27.03.2018 AP/U/2018/000118

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(21) AP/U/2018/000119
(22) 27.03.2018
(23) 27.03.2018
(54) PHARMACEUTICAL INFORMATION ONLINE SYSTEM
(74) MUREYI Tafara Tirivanhu
(75) MUREYI Dudzai Doreen
(84) ZW
(96) 27.03.2018 AP/U/2018/000119

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Utility Model Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/2018/000113	16.03.2018	27.02.2020	1st yr
AP/U/2018/000114	14.03.2018	07.03.2020	1st yr

Utility Models Renewed

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/U/000015	AP/U/2013/000025	20.03.2018	25.03.2019	5th yr

DESIGNS

Design Applications Filed

(21) AP/D/2018/001252
(22) 05.03.2018
(31) BR302017003864-6
(32) 05.09.2017 (33) BR
(54) TRUCK BOOTH
(71) MAN Latin America Indústria e Comércio de Veículos Ltda.
(72) WENDT Florian, LEVKO Peter, FALLER Roland, et al
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2018/001253
(22) 14.03.2018
(31) 004370401-0001
(32) 25.09.2017 (33) EM
(54) GAMING DEVICE
(71) Eagle Investment SICAV plc, acting on behalf of ITT Fund
(72) ZELINKA Jan
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2018/001254
(22) 18.03.2018
(31) 29/618,005
(32) 18.09.2017 (33) US
(54) PERSONAL MOBILITY VEHICLE
(71) RAZOR USA LLC
(72) ALFEREZ Marco and DESBERG Ian
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2018/001255
(22) 18.03.2018
(31) 29/618,005
(32) 18.09.2017 (33) US
(54) PERSONAL MOBILITY VEHICLE
(71) RAZOR USA LLC
(72) ALFEREZ Marco and DESBERG Ian
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2018/001256
(22) 18.03.2018
(31) 29/618,005
(32) 18.09.2017 (33) US
(54) BATTERY
(71) RAZOR USA LLC
(72) ALFEREZ Marco and DESBERG Ian
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2018/001257
(22) 18.03.2018
(31) 29/618,005
(32) 18.09.2017 (33) US
(54) PERSONAL MOBILITY VEHICLE
(71) RAZOR USA LLC
(72) DESBERG Ian
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2018/001258
(22) 22.03.2018
(31) KE/D/2017/1802
(32) 01.11.2017 (33) KE
(54) LUNCH BOX
(74) John Mwangi Maina
(75) KENSTAR PLASTIC INDUSTRIES LIMITED
(84) KE, RW, TZ, UG

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(21) AP/D/2018/001259
(22) 27.03.2018
(31) 201730460419.X
(32) 26.09.2017 (33) CN
(54) MOTORCYCLE
(71) JIANGMEN DACHANGJIANG GROUP CO., LTD.
(72) FAN Peiyong
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW

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(21) AP/D/2018/001260
(22) 28.03.2018
(31) 201730466793.0
(32) 28.09.2017 (33) CN
(31) 201730475100.4
(32) 30.09.2017 (33) CN
(31) 20173046734.3
(32) 28.09.2017 (33) CN
(54) CHARGER
(71) Beijing Hanergy Solar Power Investment Co., Ltd
(72) WANG Jing
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, UG, ZM, ZW

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(21) AP/D/2018/001261
(22) 29.03.2018
(31) 004382364-0001
(32) 02.10.2017 (33) EP
(54) PHOTOVOLTAIC CHARGER
(71) ARMOR
(72) MURMANSKI Marek
(74) FISHER CORMACK & BOTHA
(84) KE

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Design Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/2012/000528	02.03.2018	23.04.2019	6th yr
AP/D/2013/000587	02.03.2018	27.03.2019	5th yr
AP/D/2015/000978	07.03.2018	09.03.2019	3rd yr
AP/D/2017/001173	07.03.2018	06.03.2020	2nd yr
AP/D/2017/001174	07.03.2018	07.03.2020	2nd yr
AP/D/2017/001182	07.03.2018	13.03.2019	1st yr

Designs Registered

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/00965

(21) Application No : AP/D/2017/001170

(22) Filing Date : 03.02.2017

(24) Registration Date: 26/03/2018

(73) Applicant(s)
TIANJIN GOLDEN BRIDGE WELDING MATERIALS GROUP CO. LTD, No.1 Liujing Road, Dongli Development Area, Tianjin, Peoples Republic of China

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	2016304252478	26.08.2016

(72) Creators
HOU Shengchang, Peoples Republic of China

(84) Designated States:
SD TZ

(74) Representative
HUSSEIN RANCHHOD & CO, Zimbabwe

(51) International Classification : 09-03

(54) Title
CARTON OF WELDING ELECTRODE

Designs Registered (Contd.)

FORM 25	(12) DESIGN	(19) AP/D

(11) Design No : AP/D/00966

(21) Application No : AP/D/2017/001197

(22) Filing Date : 28.06.2017

(24) Registration Date: 12/03/2018

(73) Applicant(s)
SCHOELLER ALLIBERT GMBH, Sacktannen, 19057 Schwerin, Germany

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	A2017/00010	03.01.2017

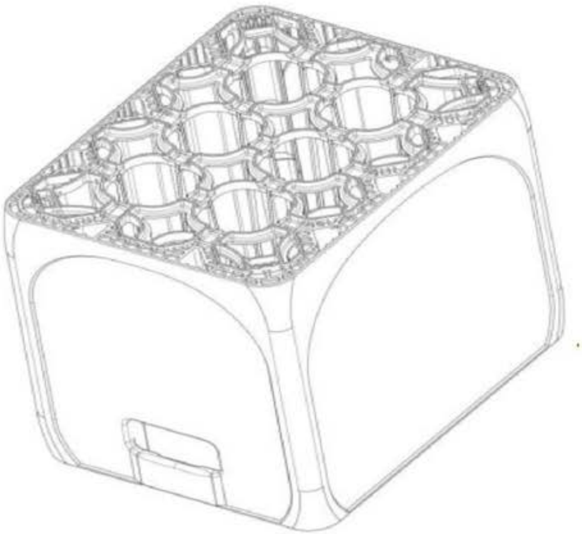
(72) Creators
KELLERER Richard, Germany

(84) Designated States:
BW NA

(74) Representative
ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

(51) International Classification : 09-04

(54) Title
BOTTLE CRATE



Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00317	AP/D/2012/000433	13.03.2018	30.03.2019	6th yr
AP/D/00441	AP/D/2013/000581	27.02.2018	06.03.2019	5th yr
AP/D/00445	AP/D/2013/000585	02.03.2018	20.03.2019	5th yr
AP/D/00464	AP/D/2013/000588	02.03.2018	27.03.2019	5th yr
AP/D/00613	AP/D/2014/000814	02.03.2018	03.03.2019	4th yr
AP/D/00614	AP/D/2014/000815	02.03.2018	03.03.2019	4th yr
AP/D/00615	AP/D/2014/000816	02.03.2018	03.03.2019	4th yr
AP/D/00616	AP/D/2014/000817	02.03.2018	03.03.2019	4th yr
AP/D/00617	AP/D/2014/000818	02.03.2018	03.03.2019	4th yr
AP/D/00618	AP/D/2014/000819	02.03.2018	03.03.2019	4th yr
AP/D/00619	AP/D/2014/000820	02.03.2018	03.03.2019	4th yr
AP/D/00620	AP/D/2014/000821	02.03.2018	03.03.2019	4th yr
AP/D/00621	AP/D/2014/000822	02.03.2018	03.03.2019	4th yr
AP/D/00622	AP/D/2014/000823	02.03.2018	03.03.2019	4th yr
AP/D/00623	AP/D/2014/000824	02.03.2018	03.03.2019	4th yr
AP/D/00624	AP/D/2014/000825	02.03.2018	03.03.2019	4th yr
AP/D/00625	AP/D/2014/000826	02.03.2018	03.03.2019	4th yr
AP/D/00626	AP/D/2014/000827	02.03.2018	03.03.2019	4th yr
AP/D/00627	AP/D/2014/000828	02.03.2018	03.03.2019	4th yr
AP/D/00628	AP/D/2014/000829	02.03.2018	03.03.2019	4th yr
AP/D/00629	AP/D/2014/000830	02.03.2018	03.03.2019	4th yr
AP/D/00630	AP/D/2014/000831	02.03.2018	03.03.2019	4th yr
AP/D/00635	AP/D/2014/000832	02.03.2018	10.03.2019	4th yr
AP/D/00636	AP/D/2014/000833	02.03.2018	10.03.2019	4th yr
AP/D/00637	AP/D/2014/000834	02.03.2018	10.03.2019	4th yr
AP/D/00638	AP/D/2014/000835	02.03.2018	10.03.2019	4th yr
AP/D/00639	AP/D/2014/000836	14.03.2018	14.03.2019	4th yr
AP/D/00679	AP/D/2013/000593	27.02.2018	16.04.2019	5th yr
AP/D/00689	AP/D/2014/000907	28.02.2018	29.08.2019	4th yr
AP/D/00690	AP/D/2014/000908	28.02.2018	29.08.2019	4th yr
AP/D/00770	AP/D/2015/000982	23.02.2018	30.03.2019	3rd yr
AP/D/00848	AP/D/2016/001101	23.02.2018	03.03.2019	2nd yr
AP/D/00849	AP/D/2016/001102	23.02.2018	03.03.2019	2nd yr
AP/D/00850	AP/D/2016/001103	23.02.2018	07.03.2019	2nd yr
AP/D/00919	AP/D/2013/000737	20.03.2018	26.08.2019	5th yr
AP/D/00937	AP/D/2017/001183	23.02.2018	10.03.2019	1st yr
AP/D/00945	AP/D/2017/001175	16.03.2018	07.03.2019	1st yr
AP/D/00947	AP/D/2017/001177	16.03.2018	07.03.2019	1st yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00957	AP/D/2014/000838	02.03.2018	31.03.2019	4th yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR03918/UG	08/06/2016	UG	Substantive Examination	UGANDA REGISTRATION SERVICES BUREAU	Substantive examination for patent application No. UG/P/2016/000002 in the name of EDWARD SSEBBOMBO & VIOLET GWOKYALYA
SR04454/GH	25/10/2017	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Fracturing and Gravel Packing Tool with Anti-Swabbing Feature in the name of Baker Hughes Incorporated .
SR04481/GH	08/11/2017	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Selective Sleve System and Method of Moving a Sleeve in the name of Baker Hughes incorporated
SR04482/GH	08/11/2017	GH	Substantive Examination	REGISTRAR DEPARTMENT - GHANA	Shape Memory Material Packer for Subterranean use in the name of Baker Hughes Incorporated
SR04487/GH	09/11/2017	GH	Substantive Examination	REGISTRAR-GENERAL DEPARTMENT - GHANA	Method of installing a Tubular Undersea in the name of Technip France
SR04490/GH	09/11/2017	GH	Substantive Examination	REGISTRAR DEPARTMENT - GHANA	Remote Subterranean Tool Activation System in the name of Barker Hughes Incorporated
SR04542/AE	30/01/2018	AE		MOHAMMED ALI	Quotation for trademark registration
SR04556/ZW	08/02/2018	ZW		HONEY & BLANCKENBERG	Re-Establishment of Rights and restoration fee
SR04561/NA	16/02/2018	NA	Bibliographic data-including status	TRIVEDI Aditya	Antihypersensitive Combination of valsartan and calcium channel blocker regarding status of PCT WO 0002543, WO 0038676, WO 07022113, WO 0019805
SR04566/ZW	28/02/2018	ZW		SITHOLE R. ELLEN	Search for ATLANTIC CIGARETTE (Tobacco) in class 34 in the name of Haltrade Distribution (Pvt Ltd)
SR04567/GB	27/02/2018	GB	Bibliographic data-including status	WALLACE ADRIENNE	Information in respect patent pending for KNOCK DOWN STORAGE VESSEL FILED 30/11/2007 , Application number AP/P/2009/004932Status
SR04568/UG	28/02/2018	UG	Information about ARIPO	MULELENGI BONITA	Duration of registration of a mark at ARIPO
SR04569/FR	28/02/2018	FR		JOHANNES PATRICIA	Information about the online service in the name of paralegal Bird & Bird
SR04570/CA	01/03/2018	CA		HUTT LAUREN	Trade mark registration in the name of Growing WLG
SR04571/MW	02/03/2018	MW	Bibliographic data-including status	FISHER CORMACK & BOTHA	Information in respect of ARIPO Patent number AP 1881 status
SR04572/MZ	05/03/2018	MZ	Bibliographic data-including status	ADAMS AND ADAMS MOZAMBIQUE	Information about the patent search status in respect of PS4568ZA00
SR04573/ZW	05/03/2018	ZW	SDI	MHONDA CHRISTINE	Information about registration of of a Company name in the name of Christain Mhonda
SR04574/ES	05/03/2018	ES	Copies of documents	Ipracraft AB	Request for a copy ARIPO Form B for application AP/P/2013/006955
SR04576/MZ	06/03/2018	MZ		ADAMS AND ADAMS MOZAMBIQUE	Equivalent search in respect of IPC classes A01K and C12N and cost estimation for the search

SEARCH REQUESTS FILED (Contd.)

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR04577/ZW	08/03/2018	ZW	Bibliographic data-including status	HONEY & BLANCKENBERG	Information about Patent legal status of files of between 1998 and 2000 including grants
SR04578/NG	08/03/2018	NG	SDI	OLUKOYA OLUWOLE	Information about how to file patents in Ghana and Zambia
SR04580/KE	14/03/2018	KE	Bibliographic data-including status	KENYA INTELLECTUAL PROPERTY INSTITUTE	Information about a document containing 2001 - 2017 statistics on patent , Utility Models, Industrial designs and trade marks and registration designating Kenya in the year.
SR04581/NA	16/03/2018	NA		ROLAND INTELLECTUAL PROPERTY CONSULTANTS	Information about the online search
SR04582/NA	19/03/2018	NA		CRONJE & Co.	Information about the retirement of the inventor
SR04583/NA	19/03/2018	NA		Cronjé & Co.	Application for reduction of designated states on their file which is not granted.
SR04584/NA	19/03/2018	NA		CRONJE & Co.	3-dimesional vehicle shape in relation to land and parts for land vehicles in the name of BComm LLB (Stell)
SR04585/ZW	19/03/2018	ZW		B. W. KAHARI LEGAL PRACTITIONERS	Request for clarification to changes made to the Banjul Protocol on mark fee Schedule
SR04586/ZW	20/03/2018	ZW	Information about ARIPO	KONADU MILDRED MARY	Information about ARIPO Services
SR04587/ZW	21/03/2018	ZW	Bibliographic data-including status	HONEY & BLANCKENBERG	Information about the status of Patent AP 1510 file renewal fee
SR04589/DE	20/03/2018	DE	SDI	KRASNYKH VOLODYMYR	Request for Power Of Attorney template
SR04590/ZW	22/03/2018	ZW		TITAN LAW	Copies of Certificates for AP/M/2013/001826 and AP/D/000812 (AP/D/2013/000741)
SR04591/MW	22/03/2018	MW	Bibliographic data-including status	FISHER CORMACK & BOTHA	Patent search in respect of US Patent application nos. US 2006/0198861, US2011/0209445 (US 8 528 305) and US 2014/0000222 (US 9 032 697).
SR04592/MW	23/03/2018	MW	Bibliographic data-including status	FISHER CORMACK & BOTHA	Patent Applications Status Corresponding to WO2015/155258, WO 2002/0779323, WO2002/002312, WO2004/060661
SR04594/ZW	26/03/2018	ZW		HONEY & BLANCKENBERG	Information about ARIPO journal and database
SR04595/TZ	27/03/2018	TZ		LEXGLOBE LLP	New Availability search for mark "SBK" in class 9

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