

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	Swakopmund Protocol	Arusha Protocol
Botswana	06.02.1985	06.05.1985	29.10.2003	28.03.2012	
eSwatini	17.12.1987	17.03.1988	06.03.1997		
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	
Mozambique	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			
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>.

CONTENTS

Permanent Notices 2
- Lusaka Agreement 2
- Harare Protocol 2
- Banjul Protocol 2
- Swakopmund Protocol 2
- Patent Cooperation Treaty 2
- Accessions / Ratifications 2

Editorial 3
- Frequency of the Journal 3
- Editorial Office and Mission 3
- Advertisements 3
- Purchases and Subscriptions 3
- General Contact Addresses 3

General Notices 4
- Data Flow Symbols 4
- Data Identification Codes 4
  - INID Codes For Marks 4
  - INID Codes For Patents 4
  - INID Codes For Industrial Designs 5
  - Country / Organization Codes used in this Issue of the Journal 5

Marks 6
- Mark Applications Filed 6
- Marks Pending Registration 7
- Marks Registered 9

Patents 11
- Patent Applications Filed 11
- Patent Applications Renewed 18
- Patent Applications Abandoned 26
- Patent Applications Assigned 26
- Patent Applications Pending Grant 27
- Patents Granted 28
- Classification Index of Granted Patents 37
- Patentees' Name Index of Granted Patents 38
- ARIPO Application Number Index of Granted Patents 39
- Patents Renewed 40

Utility Models 43
- Utility Model Applications Filed 43

Designs 44
- Design Applications Filed 44
- Design Applications Renewed 45
- Designs Registered 46
- Designs Renewed 51

Search Requests 53
- Search Requests Filed 53

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

Code	Interpretation
(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

Code	Interpretation
(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)
AT	Austria
AU	Australia
BW	Botswana
DK	Denmark
EP	European Pantent Office
FR	France
GB	United Kingdom
GH	Ghana
GM	The Gambia
IL	Israel
IN	India
KE	Kenya
LR	Liberia

Code	Country / Organization
LS	Lesotho
MW	Malawi
MZ	Mozambique
NA	Namibia
NL	Netherlands
RW	Rwanda
SD	Sudan
SL	Sierra Leone
ST	Sào Tomé and Príncipe
SZ	eSwatini
TZ	United Republic of Tanzania
UA	Ukraine
UG	Uganda
US	United Sates of America
ZA	South Africa

Code	Country / Organization
ZM	Zambia
ZW	Zimbabwe

MARKS

Mark Applications Filed

(210) AP/M/2018/003586
(220) 04.12.2018
(511) Int. Cl. 41: ZW
(731) NYAKABAU Dorcus Pamela
(740) NYAKABAU Dorcus Pamela
(814) ZW

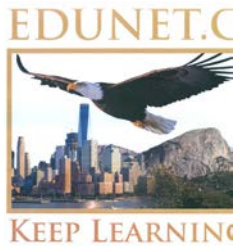
(540)



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(210) AP/M/2018/003587
(220) 04.12.2018
(511) Int. Cl. 41: ZW
(731) EDUNET G
(740) ZANZA Michael
(814) ZW

(540)



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(210) AP/M/2018/003588
(220) 03.12.2018
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **JUUL**

●●

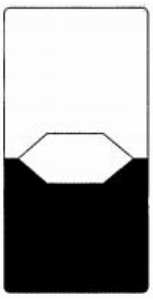
(210) AP/M/2018/003589
(220) 03.12.2018
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) JUUL

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(210) AP/M/2018/003590
(220) 03.12.2018
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003591
(220) 03.12.2018
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540)



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(210) AP/M/2018/003592
(220) 03.12.2018
(511) Int. Cl. 9 and 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) JUUL Labs, Inc.
(740) FISHER CORMACK & BOTHA
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003593
(220) 05.12.2018
(511) Int. Cl. 32: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Shangrila (Private) Limited
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2018/003594
(220) 06.12.2018
(511) Int. Cl. 16, 35 and 39: BW, NA, ST, ZW
(731) SOUTH AFRICAN AIRWAYS SOC LIMITED
(740) ENSafrica Namibia
(814) BW, NA, ST, ZW

(540) **SAWUBONA**

●●

(210) AP/M/2018/003595
(220) 07.12.2018
(511) Int. Cl. 5: BW, LR, MW, NA
(731) PFIZER INC.
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, MW, NA

(540) **TALZENNA**

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(210) AP/M/2018/003596
(220) 07.12.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Al Wahdania General Trading Co LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) **SOLIDERE**

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(210) AP/M/2018/003597
(220) 07.12.2018
(511) Int. Cl. 9, 11 and 35: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) BM Holding S.A.L
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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Mark Applications Filed (Contd.)

(210) AP/M/2018/003598
(220) 18.12.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) Al Wahdania General Trading Co LLC
(740) B. W. KAHARI LEGAL PRACTITIONERS
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) **MEHR**

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(210) AP/M/2018/003599
(220) 14.12.2018
(511) Int. Cl. 9 and 11: ZW
(731) CARDENCE INVESTIMENTS (PRIVATE) LIMITED
(740) MUDOKWENYU Tichaona Ashton
(814) ZW

(540) PowerStart MF Dependable, Economical

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(210) AP/M/2018/003600
(220) 19.12.2018
(511) Int. Cl. 41: ZW
(731) ROWE Adele Caroline
(740) WARHURST Edward Mark
(814) ZW

(540) LIVE & LEARN

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(210) AP/M/2018/003601
(220) 20.12.2018
(511) Int. Cl. 9: BW, LR, LS, MW, NA, SZ, TZ, UG, ZW
(731) KBAI INTERNATIONAL (HONG KONG) CO., LIMITED
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, SZ, TZ, UG, ZW

(540) AMYO

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(210) AP/M/2018/003602
(220) 20.12.2018
(511) Int. Cl. 5 and 10: MW, SZ, TZ, UG
(731) ACULIFE HEALTHCARE PRIVATE LIMITED
(740) Cronjé & Co.
(814) MW, SZ, TZ, UG

(540) **ACULIFE**

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Marks Pending Registration

(210) AP/M/2016/002612
(220) 04.03.2016
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ZW
(731) M/s. Vijayshree Food Products Pvt Ltd
(740) B MATANGA IP ATTORNEYS
(814) BW, LR, LS, MW, NA, ZW

(540) **KING OF KINGS**

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(210) AP/M/2016/002697
(220) 17.06.2016
(511) Int. Cl. 11: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) LASKO Holdings Inc
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **LASKO**

●●

(210) AP/M/2016/002798
(220) 08.11.2016
(511) Int. Cl. 5: BW, LS, MW, NA, SZ, TZ, UG, ZW
(731) MILBORROW ANIMAL HEALTH ZIMBABWE (Private) Limited
(740) IMPERIAL INTELLECTUAL PROPERTY INVESTMENTS
(814) BW, LS, MW, NA, SZ, TZ, UG, ZW

(540) **AVA-**

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(210) AP/M/2017/002875
(220) 27.02.2017
(511) Int. Cl. 9 and 42: LS, SZ
(731) Western Digital Technologies, Inc.
(740) B MATANGA IP ATTORNEYS
(814) LS, SZ

(540) **WESTERN DIGITAL**

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(210) AP/M/2017/003144
(220) 18.10.2017
(511) Int. Cl. 3 and 5: LR
(731) SPARTAN CHEMICAL COMPANY s.a.r.1.
(740) HONEY & BLANCKENBERG
(814) LR

(540) **SEPTOL**

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Marks Pending Registration (Contd.)

(210) AP/M/2017/003145
(220) 18.10.2017
(511) Int. Cl. 1, 3 and 5: LR, TZ
(731) SPARTAN CHEMICAL COMPANY s.a.r.1.
(740) HONEY & BLANCKENBERG
(814) LR, TZ

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(210) AP/M/2017/003192
(220) 21.11.2017
(511) Int. Cl. 19: BW, LR, LS, MW, NA, TZ, UG, ZW
(731) Liquid Rubber Industries SA (PTY) Ltd
(740) Cronjé & Co.
(814) BW, LR, LS, MW, NA, TZ, UG, ZW

(540) Liquid Rubber

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(210) AP/M/2017/003214
(220) 06.12.2017
(511) Int. Cl. 11: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) MLS Co., LTD.
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) MLS

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(210) AP/M/2017/003219
(220) 18.12.2017
(511) Int. Cl. 9, 11 and 35: ZW
(731) Palemoon Investments (Private) Limited
(740) WARHURST Edward Mark
(814) ZW

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(210) AP/M/2017/003224
(220) 15.12.2017
(511) Int. Cl. 45: ZW
(731) NYAKABAU Edmore
(740) NYAKABAU Edmore
(814) ZW

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(210) AP/M/2017/003225
(220) 15.12.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 37: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) Tesla, Inc., a corporation organised and existing under the laws of the state of Delaware
(740) GILL, GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(210) AP/M/2017/003226
(220) 15.12.2017
(511) Int. Cl. 9: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(511) Int. Cl. 35, 37 and 42: BW, LR, LS, NA, ST, SZ, TZ, UG, ZW
(731) Tesla, Inc., a corporation organised and existing under the laws of the state of Delaware
(740) GILL, GODLONTON & GERRANS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) TESLA

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(210) AP/M/2018/003236
(220) 03.01.2018
(511) Int. Cl. 3 and 10: BW, LR, LS, MW, NA, ST, SZ, TZ, UG
(511) Int. Cl. 5 and 35: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) STADA Arzneimittel AG
(740) B MATANGA IP ATTORNEYS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG

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(210) AP/M/2018/003258
(220) 23.01.2018
(511) Int. Cl. 3: LR, LS, MW, NA, SZ, TZ, UG
(731) Fasorel, SARL
(740) SCANLEN & HOLDERNESS
(814) LR, LS, MW, NA, SZ, TZ, UG

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(210) AP/M/2018/003267
(220) 07.02.2018
(511) Int. Cl. 17: BW
(511) Int. Cl. 19: BW, ZW
(731) JACOBS CAPITAL (PTY) LTD
(740) ENSafrica Namibia
(814) BW

(540) EVOWOOD

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(210) AP/M/2018/003268
(220) 07.02.2018
(511) Int. Cl. 17: BW
(511) Int. Cl. 19: BW, ZW
(731) JACOBS CAPITAL (PTY) LTD
(740) ENSafrica Namibia
(814) BW

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(210) AP/M/2018/003272
(220) 07.02.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Gold Rich Group FZE
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) GOLD RICH

●●

(210) AP/M/2018/003275
(220) 14.02.2018
(511) Int. Cl. 45: ZW
(731) COGHLAN & WELSH, the Partners from time to time of a Zimbabwean Partnership
(740) GILL, GODLONTON & GERRANS
(814) ZW

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Marks Pending Registration (Contd.)

(210) AP/M/2018/003276
(220) 14.02.2018
(511) Int. Cl. 45: ZW
(731) COGHLAN & WELSH, the Partners from time to time of a Zimbabwean Partnership
(740) GILL, GODLONTON & GERRANS LEGAL PRACTITIONERS
(814) ZW

(540)

Coghlan & Welsh
Legal Practitioners. EST 1903

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(210) AP/M/2018/003277
(220) 15.02.2018
(511) Int. Cl. 30: MW
(731) CONGAREE INTERNATIONAL
(740) HONEY & BLANCKENBERG
(814) MW

(540)

PASTARELLI

●●

(210) AP/M/2018/003278
(220) 14.02.2018
(511) Int. Cl. 29: MW, TZ, UG
(731) PROMASIDOR IP HOLDINGS LIMITED
(740) HONEY & BLANCKENBERG
(814) MW, TZ, UG

(540)

BAILIE GOLD

●●

(210) AP/M/2018/003279
(220) 15.02.2018
(511) Int. Cl. 30: MW
(731) CONGAREE INTERNATIONAL
(740) HONEY & BLANCKENBERG
(814) MW

(540) **MARIANA**

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(210) AP/M/2018/003285
(220) 23.02.2018
(511) Int. Cl. 29 and 30: ZW
(731) ANGLE AGENCIES (PRIVATE) LIMITED
(740) HONEY & BLANCKENBERG
(814) ZW

(540)

Squirrels

●●

(210) AP/M/2018/003286
(220) 27.02.2018
(511) Int. Cl. 34: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) Congate Enterprises (Private) Limited
(740) HONEY & BLANCKENBERG
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **LA CLOP**

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Marks Registered

(111) AP/M/2016/002615
(151) 29.12.2017
(220) 11.03.2016
(511) Int. Cl. 41: ZW
(731) ECRAG CONSULTANTS PRIVATE LIMITED
(740) MADZARA Tawanda Michael
(814) ZW

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(151) 10.12.2018
(220) 13.03.2017
(511) Int. Cl. 35: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) SHINN Lauren
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **LALIS**

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(151) 13.12.2018
(220) 12.05.2017
(511) Int. Cl. 41: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) FanLeague Ltd
(740) HUSSEIN RANCHHOD & CO
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **FanLeague**

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(111) AP/M/2017/002937
(151) 27.12.2018
(220) 22.05.2017
(511) Int. Cl. 34: BW, LS, NA, SZ, TZ, UG, ZW
(731) HAMED Mahmoudi
(740) FISHER CORMACK & BOTHA
(814) BW, LS, NA, SZ, TZ, UG, ZW

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(151) 28.12.2018
(220) 02.06.2017
(511) Int. Cl. 3, 10 and 21: BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) EVERGREEN LAND LIMITED
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, LR, LS, MW, NA, ST, SZ, TZ, UG, ZW

(540) **OLFINITY**

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(151) 20.12.2018
(220) 01.06.2017
(511) Int. Cl. 30: BW, LS, MW, NA, ST, SZ, TZ, UG, ZW
(731) LE HOANG DIEP THAO
(740) HONEY & BLANCKENBERG
(814) BW, LS, MW, NA, ST, SZ, TZ, UG, ZW

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(151) 22.11.2018
(220) 18.08.2017
(511) Int. Cl. 36, 37, 39, 44 and 45: UG
(731) AXA
(740) COGHLAN, WELSH & GUEST
(814) UG

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(151) 17.12.2018
(220) 28.08.2017
(511) Int. Cl. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44 and 45: LS, MW, NA, SZ, TZ, ZW
(731) SOUTH AFRICAN DEVELOPMENT COMMUNITY
(740) ARMSTRONGS
(814) LS, MW, NA, SZ, TZ, ZW

(540) **SADC**

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(220) 28.08.2017
(511) Int. Cl. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44 and 45: LS, MW, NA, SZ, TZ, ZW
(731) SOUTH AFRICAN DEVELOPMENT COMMUNITY
(740) ARMSTRONGS
(814) LS, MW, NA, SZ, TZ, ZW

(540) **SOUTHERN AFRICAN DEVELOPMENT COMMUNITY**

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(151) 17.12.2018
(220) 28.08.2017
(511) Int. Cl. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44 and 45: LS, MW, NA, SZ, TZ, ZW
(731) SOUTH AFRICAN DEVELOPMENT COMMUNITY
(740) ARMSTRONGS
(814) LS, MW, NA, SZ, TZ, ZW

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(151) 18.12.2018
(220) 28.09.2017
(511) Int. Cl. 31: BW, ZW
(731) PINK VEIN (PTY) LTD
(740) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
(814) BW, ZW

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(32) 16.06.2016 (33) EP
(51) **A61K 31/519 (2006.01)**
A61P 31/00 (2006.01)
C07D 513/04 (2006.01)
A61K 31/429 (2006.01)
A61K 31/437 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
(54) HETEROCYCLIC COMPOUNDS AS ANTIBACTERIALS
(71) JANSSEN SCIENCES IRELAND UNLIMITED COMPANY
(72) TAHRI Abdellah, RABOISSON Pierre Jean-Marie Bernard and GUILLEMONT Jérôme Émile Georges
(74) HONEY & BLANCKENBERG
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(23) 01.12.2018
(31) 16174722.5
(32) 16.06.2016 (33) EP
(51) **C07D 513/04 (2006.01)**
A61P 31/00 (2006.01)
A61K 31/4985 (2006.01)
A61K 31/437 (2006.01)
A61K 31/519 (2006.01)
C07D 471/04 (2006.01)
C07D 487/04 (2006.01)
C07D 403/12 (2006.01)
A61K 31/403 (2006.01)
A61K 31/429 (2006.01)
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(72) TAHRI Abdellah, RABOISSON Pierre Jean-Marie Bernard and GUILLEMONT Jérôme Émile Georges
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(32) 13.06.2016 (33) US
(51) **A61P 3/04 (2006.01)**
A61P 3/10 (2006.01)
A61P 29/00 (2006.01)
A61P 35/00 (2006.01)
C07D 413/14 (2006.01)
A61K 31/422 (2006.01)
A61K 31/4439 (2006.01)
A61P 1/16 (2006.01)
C07D 401/14 (2006.01)
C07D 413/12 (2006.01)
(54) FXR (NR1H4) MODULATING COMPOUNDS
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(72) XU Jianjun, KROPF Jeffrey E, GEGE Christian, et al
(74) B. W. KAHARI LEGAL PRACTITIONERS
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(72) HUBERMAN Jessica and PAULL Jeremy Robert Arthur
(74) INVENTA MOZAMBIQUE, LDA.
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C10L 3/10 (2006.01)
C10J 1/00 (2006.01)
C10J 3/00 (2006.01)
(54) PROCESSING BIOMASS
(71) XYLECO, INC.
(72) MASTERMAN Thomas and MEDOFF Marshall
(74) GALLOWAY & COMPANY
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(72) OZBEK Yildirim
(74) HONEY & BLANCKENBERG
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E21B 17/01 (2006.01)
B63B 21/50 (2006.01)
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(72) ROBINSON Stephen John, MEIJER Karst, GROOT Sanne Eva, et al
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(51) **H04M 3/42 (2006.01)**
H04W 68/00 (2009.01)
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(72) MUMICK Inderpal Singh and ANAND Surinder Singh
(74) FISHER CORMACK & BOTHA
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A01N 25/34 (2006.01)
D01F 1/10 (2006.01)
D01F 8/00 (2006.01)
(54) COMPOSITE POLYMER FIBRES
(71) UNIVERSITY OF PRETORIA
(72) SIBANDA Mthokozisi and FOCKE Walter Wilhelm
(74) ADAMS AND ADAMS MOZAMBIQUE
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(51) **B01D 53/14 (2006.01)**
C10K 1/10 (2006.01)
B01J 19/32 (2006.01)
B01D 53/58 (2006.01)
C10K 1/02 (2006.01)
C10K 1/00 (2006.01)
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(71) ACHILLION PHARMACEUTICALS, INC.
(72) PHADKE Avinash S, WILES Jason Allan, DESHPANDE Milind, et al
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(51) **F16B 21/02 (2006.01)**
F16B 21/12 (2006.01)
E02F 9/28 (2006.01)
F16B 1/00 (2006.01)
F16B 2/22 (2006.01)
F16B 19/02 (2006.01)
(54) CONNECTOR SYSTEMS IN EARTH ENGAGING WEAR MEMBER ASSEMBLIES
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(72) DIAZ Isai, WAWERU Lawrence Ngigi, VEGUNTA Venkat Prakash, et al
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C10G 31/06 (2006.01)
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(71) GOLDEN RENEWABLE ENERGY, LLC
(72) FOWLER David, OLUWASEUN Oluwadare and TENORE Anthony N
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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C10G 70/04 (2006.01)
(54) CHAR SEPARATOR AND METHOD
(71) GOLDEN RENEWABLE ENERGY, LLC
(72) FOWLER David, OLUWASEUN Oluwadare and TENORE Anthony N
(74) GALLOWAY & COMPANY
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(86) 21.06.2017 PCT/IB2017/053713
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(31) 16174620.1
(32) 15.06.2016 (33) EP
(51) **A01N 25/32 (2006.01)**
A01P 13/00 (2006.01)
A01N 41/06 (2006.01)
A01N 43/80 (2006.01)
A01N 47/36 (2006.01)
A01N 47/38 (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
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(51) **H02K 15/02 (2006.01)**
H02K 1/32 (2006.01)
H02K 3/487 (2006.01)
H02K 7/00 (2006.01)
H02K 9/02 (2006.01)
H02K 9/19 (2006.01)
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(71) ANDRITZ HYDRO GMBH
(72) HARB Walter, HIMMELREICH Mario and NEUMAYER Fritz
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(51) **H02S 20/32 (2014.01)**
F24J 2/52 (2006.01)
F24J 2/54 (2006.01)
H02S 20/30 (2014.01)
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(72) CORIO Ronald P
(74) ADAMS AND ADAMS MOZAMBIQUE
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(72) TENORE Anthony N, FOWLER David, OLUWASEUN Oluwadare, et al
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E04D 13/03 (2006.01)
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(74) HONEY & BLANCKENBERG
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(72) BRADLEY Joe, ALONSO Matthew Paul and LITCHFIELD J Bruce
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(31) 2019150
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A45C 11/32 (2006.01)
(54) KEY WALLET BUTTERFLY TYPE
(71) R.J. VAN GEER BEHEER BV
(72) VAN GEER René Johan
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(32) 14.06.2016 (33) US
(51) **C07K 16/36 (2006.01)**
A61K 39/00 (2006.01)
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(71) Merck Sharp & Dohme Corp. and Adimab, LLC
(72) PRINZ Bianka, TABRIZIFARD Mohammad, GANTI Vaishnavi, et al
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(54) MODULAR WATER PROVISION SYSTEM FOR RURAL HOUSING
(71) Mikhol Sahar Ltd., Jerusalem (IL)
(72) HAWAI Shalom Shay and HAVI Moshe
(74) ISEME, KAMAU & MAEMA ADVOCATES
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(32) 19.05.2016 (33) AU
(51) **F16L 29/04 (2006.01)**
B67D 7/44 (2010.01)
F16L 37/30 (2006.01)
F16L 37/32 (2006.01)
F16L 37/34 (2006.01)
(54) FLUID COUPLING ASSEMBLY
(71) WALNAB PTY LTD
(72) DRAGOMIRESCU Emil-Dan and PEATTIE Adam
(74) ADAMS AND ADAMS MOZAMBIQUE
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(32) 02.06.2016 (33) EP
(51) **A61P 31/04 (2006.01)**
A61K 31/352 (2006.01)
A61K 8/00 (2006.01)
D21H 25/00 (2006.01)
A23L 5/00 (2016.01)
(54) CANNABIDIOL COMPOSITIONS AND USES THEREOF
(71) PHARMOTECH SA
(72) AESCHBACH Rodin
(74) HONEY & BLANCKENBERG
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(32) 17.05.2016 (33) US
(51) **H02S 20/23 (2014.01)**
H02S 20/25 (2014.01)
H02S 20/22 (2014.01)
H01L 31/0465 (2014.01)
(54) SOLAR TILE SYSTEM
(71) SOLABLOCK LLC
(72) LAVERTY Jason Michael and QUINLAN Patrick John Adrian
(74) ADAMS AND ADAMS MOZAMBIQUE
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(51) **C07K 5/117 (2006.01)**
A61K 38/07 (2006.01)
A61K 47/10 (2017.01)
C07K 5/10 (2006.01)
C07D 405/12 (2006.01)
C08G 65/331 (2006.01)
A61P 35/00 (2006.01)
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(71) AMGEN INC.
(72) ROMANINI Dante, PHIASIVONGSA Pasit, DOTSENKO Irina, et al
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(32) 26.05.2018 (33) GB
(51) **E21B 49/00 (2006.01)**
E21B 37/08 (2006.01)
E21B 21/00 (2006.01)
E21B 49/08 (2006.01)
(54) METHOD TO MANIPULATE A WELL USING AN UNDERBALANCED PRESSURE CONTAINER
(71) Metrol Technology Limited
(72) JARVIS Leslie David and ROSS Shaun Compton
(74) FISHER CORMACK & BOTHA
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(32) 26.05.2018 (33) GB
(51) **E21B 47/10 (2012.01)**
E21B 47/12 (2012.01)
E21B 47/06 (2012.01)
(54) METHOD OF PRESSURE TESTING
(71) Metrol Technology Limited
(72) JARVIS Leslie David and ROSS Shaun Compton
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(32) 26.05.2018 (33) GB
(51) **E21B 47/06 (2012.01)**
E21B 47/10 (2012.01)
E21B 47/12 (2012.01)
E21B 33/12 (2006.01)
E21B 43/11 (2006.01)
(54) METHOD OF MONITORING A RESERVOIR
(71) Metrol Technology Limited
(72) JARVIS Leslie David and ROSS Shaun Compton
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(51) **H04L 9/06 (2006.01)**
(54) APPLICATIONS IN CONNECTION WITH SECURE ENCRYPTION
(71) Permanent Privacy Ltd.
(72) YUEN Pak Kay
(74) FISHER CORMACK & BOTHA
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(32) 11.08.2016 (33) ZA
(51) **B01J 35/10 (2006.01)**
B01J 23/889 (2006.01)
C10G 2/00 (2006.01)
B01J 23/75 (2006.01)
B01J 37/02 (2006.01)
B01J 23/89 (2006.01)
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(71) SASOL SOUTH AFRICA LIMITED
(72) MOODLEY Prabashini, VAN DE LOOSDRECHT Jan, VAN RENSBURG Hendrik, et al
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(32) 17.06.2016 (33) US
(51) **A61K 31/506 (2006.01)**
C07D 403/04 (2006.01)
(54) PHARMACEUTICAL SALTS OF N-(2-(2-(DIMETHYLAMINO)ETHOXY)-4-METHOXY-5-((4-(1-METHYL-1H-INDOL-3-YL)PYRIMIDIN-2-YL) AMINO)PHENYL)ACRYLAMIDE AND CRYSTALLINE FORMS THEREOF
(71) BETA PHARMA, INC
(72) ZHANG Don, WILDE Victoria Lynn, PENG Jirong, et al
(74) Cronjé & Co.
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(32) 02.06.2016 (33) IN
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(51) **A61P 25/16 (2006.01)**
A61K 31/44 (2006.01)
A61K 31/47 (2006.01)
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(71) SUN PHARMA ADVANCED RESEARCH COMPANY LTD
(72) CHITTURI Trinadha Rao, SENGUPTA Prabal, CHIDREWAR Gajanan Uttamrao, et al
(74) ROLAND INTELLECTUAL PROPERTY CONSULTANTS
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(32) 01.07.2016 (33) US
(51) **A61P 25/28 (2006.01)**
C07K 16/18 (2006.01)
A61K 39/395 (2006.01)
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(71) ELI LILLY AND COMPANY
(72) IRIZARRY Michael Carl and DEMATTOS Ronald Bradley
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA
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(31) 16172008.1
(32) 30.05.2016 (33) EP
(51) **C07K 14/135 (2006.01)**
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(71) JANSSEN VACCINES & PREVENTION B.V.
(72) JOHANNES Petrus Maria Langedijk
(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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(32) 14.04.2016 (33) IN
(51) **C04B 18/24 (2006.01)**
B01J 10/00 (2006.01)
B05B 7/00 (2006.01)
C01B 33/12 (2006.01)
C01B 33/18 (2006.01)
(54) A METHOD AND A SYSTEM FOR GENERATION OF HIGH PERFORMANCE PRECIPITATED SILICA FROM RICE HUSK ASH
(71) INDIAN INSTITUTE OF SCIENCE
(72) SUBBUKRISHNA D N and RAJAN N K S
(74) Cronjé & Co.
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(32) 22.06.2016 (33) US
(51) **C12N 9/50 (2006.01)**
C12N 15/82 (2006.01)
(54) METHOD FOR INCREASING NITROGEN-USE EFFICIENCY AND OR NITROGEN-UTILISATION EFFICIENCY IN PLANTS
(71) North Carolina State University
(72) EDWARDS Kieron, HUMPHRY Matthew Edward, LEWIS Ramsey S, et al
(74) FISHER CORMACK & BOTHA
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(32) 21.12.2017 (33) US
(51) **B01D 2256/18 (2015.01)**
B01D 53/00 (2015.01)
B01D 2259/40 (2015.01)
(54) SEPARATION PROCESS AND APPARATUS FOR LIGHT NOBLE GAS
(71) AIR PRODUCTS AND CHEMICALS, INC.
(72) NOVOSAT Paul Anthony, HUFTON Jeffrey Raymond, WEIST, JR Edward Landis, et al
(74) FISHER CORMACK & BOTHA
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(31) PA 2017 00236
(32) 04.04.2017 (33) DK
(31) PA 2016 00612
(32) 11.10.2016 (33) DK
(31) PA 2016 00397
(32) 04.07.2016 (33) DK
(51) **A61K 31/437 (2006.01)**
C07D 471/04 (2006.01)
(54) 1H-PYRAZOLO[4,3-B]PYRIDINES AS PDE1 INHIBITORS
(71) H. Lundbeck A/S
(72) CLEMENTSON Carl, Martin Sebastian, RASMUSSEN Lars Kyhn, LANGGÅRD Morten, et al
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(84) BW, GH, KE, MZ, NA, SD, TZ, UG
(86) 30.06.2017 PCT/EP2017/066255
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(32) 08.07.2016 (33) US
(51) **C10G 1/10 (2006.01)**
(54) HEATED AIRLOCK FEEDER UNIT
(71) GOLDEN RENEWABLE ENERGY
(72) FOWLER David, OLUWASEUN Oluwadare and TENORE Anthony F.
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(32) 06.03.2017 (33) GB
(31) 1703552.8
(32) 06.03.2017 (33) GB
(31) 1616018.6
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(31) 1616016.0
(32) 20.09.2016 (33) GB
(31) 1612190.7
(32) 13.07.2016 (33) GB
(51) **A61K 35/74 (2015.01)**
A61K 9/19 (2006.01)
(54) COMPOSITIONS COMPRISING BACTERIAL STRAINS
(71) 4D Pharma PLC
(72) HABOUZIT Chloe, CROUZET Laureen and BERNALIER-DONADILLE Annick
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 13.07.2017 PCT/GB2017/052077
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(32) 06.01.2017 (33) US
(31) 62/348,419
(32) 10.06.2016 (33) US
(51) **C07D 239/20 (2006.01)**
C07D 487/04 (2006.01)
A61K 31/519 (2006.01)
(54) HEPATITIS B ANTIVIRAL AGENTS
(71) ENANTA PHARMACEUTICALS, INC.
(72) OR Yat Sun, PENG Xiaowen, KASS Jorden, et al
(74) GALLOWAY & COMPANY
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
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(31) 16173443.9
(32) 08.06.2016 (33) EP
(51) **A61K 45/06 (2006.01)**
A61K 31/4439 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
(54) PHARMACEUTICAL COMBINATIONS FOR TREATING CANCER
(71) Support-Venture Gmbh
(72) BAUSCH Alexander
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 06.06.2017 PCT/EP2017/063714
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(32) 06.07.2016 (33) EP
(51) **G07D 7/00 (2016.01)**
G07D 7/12 (2016.01)
G07D 7/1205 (2016.01)
(54) METHOD FOR AUTHENTICATING A SECURITY MARKING UTILIZING LONG AFTERGLOW EMISSION, AND SECURITY MARKING COMPRISING ONE OR MORE AFTERGLOW COMPOUND
(71) SICPA HOLDING SA
(72) DECOUX Eric and MILOS-SCHOUWINK Mia
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MZ, TZ, UG
(86) 05.07.2017 PCT/EP2017/066772
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(23) 20.12.2018
(31) 1655858
(32) 23.06.2016 (33) FR
(51) **G01V 1/28 (2006.01)**
(54) METHOD FOR CHARACTERISING THE UNDERLYING GROUND OF A REGION USING PASSIVE SEISMIC SIGNALS, AND CORRESPONDING SYSTEM
(71) STORENGY
(72) EGERMANN Patrick, LAVERGNE Damien, KAZANTSEV Alexandre, et al
(74) GALLOWAY & COMPANY
(84) KE
(86) 20.06.2017 PCT/FR2017/051622
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(31) 62/352,455
(32) 20.06.2016 (33) US
(51) **A61K 31/215 (2006.01)**
A61P 33/02 (2006.01)
C07C 50/32 (2006.01)
A61K 31/122 (2006.01)
(54) ANTIMALARIAL COMPOSITIONS AND USES THEREOF
(71) THE SCRIPPS RESEARCH INSTITUTE
(72) SCHULTZ Peter G, ZHOU Fei, ZATOLOCHNAYA Olga Vladimirovna, et al
(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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(32) 06.07.2016 (33) FR
(51) **F25J 1/02 (2006.01)**
F25J 1/00 (2006.01)
(54) METHOD FOR LIQUEFYING NATURAL GAS AND FOR RECOVERING POSSIBLE LIQUIDS FROM THE NATURAL GAS, COMPRISING TWO REFRIGERANT CYCLES SEMI-OPEN TO THE NATURAL GAS AND A REFRIGERANT CYCLE CLOSED TO THE REFRIGERANT GAS
(71) SAIPEM S.P.A.
(72) RODIER Benjamin, BELLANDE Julien, TRICHARD Nathalie, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
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(23) 20.12.2018
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(32) 07.06.2016 (33) GB
(51) **C12N 15/82 (2006.01)**
(54) DROUGHT RESISTANCE MULTIGENE CONSTRUCT
(71) UNIVERSITY OF CAPE TOWN
(72) ELLICK Tamaryn Lorean, RAFUDEEN Mohamed Suhai, IYER Kershini, et al
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(84) KE, UG, ZW
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(23) 27.12.2018
(31) 16184920.3
(32) 19.08.2016 (33) EP
(51) **G06K 7/14 (2006.01)**
G06K 7/10 (2006.01)
G06K 19/14 (2006.01)
G06K 19/06 (2006.01)
(54) PROVIDING AND READING A MARKING ON AN ITEM
(71) SICPA HOLDING SA
(72) SEMPERE Pablo, ZAHND Daniel and HERRERA Rafael
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) KE, MZ, TZ, UG
(86) 18.08.2017 PCT/EP2017/070937
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(23) 27.12.2018
(31) 1655392
(32) 10.06.2016 (33) FR
(51) **C07D 487/04 (2006.01)**
C07D 495/04 (2006.01)
A61K 31/519 (2006.01)
A61P 35/00 (2006.01)
(54) NEW PIPERIDINYL DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM
(71) LES LABORATOIRES SERVIER
(72) DEMARLES Didier, CHANRION Maïa, GENESTE Olivier, 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
(86) 09.06.2017 PCT/EP2017/064067
(96) 09.06.2017 AP/P/2018/011247

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(31) 1616016.0
(32) 20.09.2016 (33) GB
(31) 1616018.6
(32) 20.09.2016 (33) GB
(31) 1612190.7
(32) 13.07.2016 (33) GB
(51) **A61K 35/74 (2015.01)**
A61K 9/19 (2006.01)
(54) COMPOSITIONS COMPRISING BACTERIAL STRAINS
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(72) BERNALIER-DONADILLE Annick, HABOUZIT Chloe and CROUZET Laureen
(74) FISHER CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 13.07.2017 PCT/GB2017/052076
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(32) 14.03.2017 (33) DK
(31) PA201600416
(32) 12.07.2016 (33) DK
(31) PA201700005
(32) 04.01.2017 (33) DK
(51) **G01N 33/68 (2006.01)**
A61K 39/00 (2006.01)
C07K 16/18 (2006.01)
A61P 25/28 (2006.01)
A61K 39/395 (2006.01)
A61K 49/00 (2006.01)
(54) ANTIBODIES SPECIFIC FOR HYPERPHOSPHORYLATED TAU AND METHODS OF USE THEREOF
(71) H. Lundbeck A/S
(72) Helbo Lone, VOLBRACHT Christiane, DAVID Laurent, et al
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG
(86) 07.07.2017 PCT/EP2017/067067
(96) 07.07.2017 AP/P/2018/011249

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(21) AP/P/2018/011250
(22) 15.06.2017
(23) 31.12.2018
(31) 62/351,048
(32) 16.06.2016 (33) US
(51) **A61K 31/155 (2006.01)**
A61K 9/00 (2006.01)
A61K 9/19 (2006.01)
A61K 9/14 (2006.01)
(54) CHEMICAL COMPOSITION
(71) THE UNIVERSITY OF LIVERPOOL
(72) TRIPATHI Abhai, MLAMBO Godfree, BAKSHI Rahul P, 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
(86) 15.06.2017 PCT/GB2017/051746
(96) 15.06.2017 AP/P/2018/011250

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(21) AP/P/2018/011251
(22) 16.06.2017
(23) 31.12.2018
(31) 1655666
(32) 17.06.2016 (33) FR
(51) **G06Q 20/36 (2012.01)**
(54) METHOD FOR SELECTING AT LEAST ONE ELECTRONIC PURSE PAYMENT SERVICE OFFERED BY A FINANCIAL INSTITUTION
(71) INFINITY SPACE
(72) ATANGANA MBELE Eugène Cédric
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 16.06.2017 PCT/FR2017/051566
(96) 16.06.2017 AP/P/2018/011251

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(21) AP/P/2018/011252
(22) 22.06.2017
(23) 31.12.2018
(31) 62/418,638
(32) 07.11.2016 (33) US
(31) 62/471,281
(32) 14.03.2017 (33) US
(31) 62/353,447
(32) 22.06.2016 (33) US
(51) **A61K 31/395 (2006.01)**
C07D 495/04 (2006.01)
A61K 31/5025 (2006.01)
(54) POSITIVE ALLOSTERIC MODULATORS OF THE MUSCARINIC ACETYLCHOLINE RECEPTOR M4
(71) VANDERBILT UNIVERSITY
(72) BRIDGES Thomas M., LONG Madeline, BOLLINGER Sean, et al
(74) FISHER, CORMACK & BOTHA
(84) BW, GH, KE, MZ, NA, SD, TZ, UG
(86) 22.06.2017 PCT/US2017/038711
(96) 22.06.2017 AP/P/2018/011252

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Patent Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2005/003347	23.11.2018	18.12.2019	15th yr
AP/P/2009/005056	06.11.2018	05.05.2019	10th yr
AP/P/2012/006624	28.11.2018	12.12.2019	6th yr
AP/P/2012/006627	12.11.2018	13.12.2019	6th yr
AP/P/2013/006699	07.12.2018	30.01.2020	6th yr
AP/P/2013/006700	07.12.2018	30.01.2020	6th yr
AP/P/2013/006856	28.11.2018	08.05.2020	6th yr
AP/P/2013/006955	07.12.2018	27.06.2019	5th yr
AP/P/2014/007619	06.11.2018	12.11.2019	6th yr
AP/P/2014/007733	23.11.2018	03.12.2019	6th yr
AP/P/2014/007767	23.11.2018	11.12.2019	6th yr
AP/P/2014/007772	23.11.2018	21.12.2019	6th yr
AP/P/2014/007848	07.12.2018	17.01.2020	6th yr
AP/P/2014/008181	25.11.2018	24.05.2019	6th yr
AP/P/2015/008451	07.12.2018	27.09.2019	5th yr
AP/P/2015/008461	07.11.2018	07.11.2019	5th yr
AP/P/2015/008466	07.11.2018	07.11.2019	5th yr
AP/P/2015/008474	01.11.2018	14.11.2019	5th yr
AP/P/2015/008495	07.11.2018	30.10.2019	5th yr
AP/P/2015/008500	11.10.2018	21.10.2019	5th yr
AP/P/2015/008517	23.11.2018	12.12.2019	5th yr
AP/P/2015/008519	23.11.2018	11.12.2019	5th yr
AP/P/2015/008529	07.12.2018	18.12.2019	5th yr
AP/P/2015/008540	12.11.2018	11.12.2019	5th yr
AP/P/2015/008560	21.12.2018	03.01.2020	5th yr
AP/P/2015/008563	30.11.2018	19.12.2019	5th yr
AP/P/2015/008575	23.11.2018	20.12.2019	5th yr
AP/P/2015/008577	23.11.2018	20.12.2019	5th yr
AP/P/2015/008583	23.11.2018	20.12.2019	5th yr
AP/P/2015/008596	07.12.2018	14.01.2020	5th yr
AP/P/2015/008763	16.11.2018	28.03.2020	5th yr
AP/P/2015/008771	07.12.2018	11.12.2019	4th yr
AP/P/2015/008879	28.11.2018	15.05.2020	5th yr
AP/P/2015/008919	07.12.2018	20.06.2018	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2015/008919	07.12.2018	20.06.2019	4th yr
AP/P/2016/009112	12.10.2018	22.03.2018	1st yr
AP/P/2016/009219	06.11.2018	10.11.2019	4th yr
AP/P/2016/009234	06.11.2018	05.11.2019	4th yr
AP/P/2016/009239	07.12.2018	18.12.2019	4th yr
AP/P/2016/009245	23.11.2018	09.12.2019	4th yr
AP/P/2016/009249	28.11.2018	04.12.2019	4th yr
AP/P/2016/009263	28.11.2018	12.11.2019	4th yr
AP/P/2016/009264	30.11.2018	17.12.2019	4th yr
AP/P/2016/009269	21.11.2018	20.11.2019	4th yr
AP/P/2016/009273	23.11.2018	16.12.2019	4th yr
AP/P/2016/009275	28.11.2018	17.12.2019	4th yr
AP/P/2016/009276	23.11.2018	16.12.2019	4th yr
AP/P/2016/009287	06.12.2018	12.12.2019	4th yr
AP/P/2016/009295	30.11.2018	16.12.2019	4th yr
AP/P/2016/009296	21.12.2018	05.01.2020	4th yr
AP/P/2016/009298	13.12.2018	23.12.2019	4th yr
AP/P/2016/009301	23.11.2018	18.12.2019	4th yr
AP/P/2016/009306	07.12.2018	18.12.2019	4th yr
AP/P/2016/009307	07.12.2018	18.12.2019	4th yr
AP/P/2016/009308	30.11.2018	26.12.2019	4th yr
AP/P/2016/009309	30.11.2018	26.12.2019	4th yr
AP/P/2016/009310	07.12.2018	18.12.2019	4th yr
AP/P/2016/009329	23.11.2018	18.12.2019	4th yr
AP/P/2016/009340	30.11.2018	30.12.2019	4th yr
AP/P/2016/009341	30.11.2018	30.12.2019	4th yr
AP/P/2016/009342	30.11.2018	29.12.2019	4th yr
AP/P/2016/009343	30.11.2018	30.12.2019	4th yr
AP/P/2016/009347	07.12.2018	28.01.2020	4th yr
AP/P/2016/009385	07.12.2018	27.01.2020	4th yr
AP/P/2016/009420	17.11.2018	09.03.2020	4th yr
AP/P/2016/009511	30.11.2018	26.12.2019	4th yr
AP/P/2016/009610	06.11.2018	04.11.2019	3rd yr
AP/P/2017/009689	13.11.2018	09.07.2019	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/009909	12.10.2018	20.10.2017	1st yr
AP/P/2017/009909	12.10.2018	20.10.2018	2nd yr
AP/P/2017/009917	23.11.2018	21.12.2019	3rd yr
AP/P/2017/009952	28.11.2018	19.12.2019	4th yr
AP/P/2017/009955	30.11.2018	15.12.2019	3rd yr
AP/P/2017/009958	16.11.2018	18.11.2019	4th yr
AP/P/2017/009959	13.11.2018	17.11.2019	3rd yr
AP/P/2017/009967	23.11.2018	08.12.2019	3rd yr
AP/P/2017/009975	23.11.2018	07.12.2019	3rd yr
AP/P/2017/009983	23.11.2018	15.12.2019	3rd yr
AP/P/2017/009984	23.11.2018	22.12.2019	3rd yr
AP/P/2017/009985	23.11.2018	21.12.2019	3rd yr
AP/P/2017/009986	23.11.2018	16.12.2019	3rd yr
AP/P/2017/009987	23.11.2018	10.12.2019	3rd yr
AP/P/2017/009989	23.11.2018	14.12.2019	3rd yr
AP/P/2017/009990	23.11.2018	16.12.2019	3rd yr
AP/P/2017/010001	23.11.2018	09.12.2019	3rd yr
AP/P/2017/010004	30.11.2018	23.12.2019	3rd yr
AP/P/2017/010008	27.11.2018	01.12.2019	3rd yr
AP/P/2017/010010	30.11.2018	17.12.2019	3rd yr
AP/P/2017/010016	24.12.2018	05.01.2020	3rd yr
AP/P/2017/010020	30.11.2018	09.12.2019	4th yr
AP/P/2017/010023	23.11.2018	31.12.2019	3rd yr
AP/P/2017/010025	23.11.2018	30.12.2019	3rd yr
AP/P/2017/010026	07.12.2018	07.01.2020	3rd yr
AP/P/2017/010038	07.12.2018	07.12.2019	3rd yr
AP/P/2017/010042	07.12.2018	17.12.2019	3rd yr
AP/P/2017/010050	07.12.2018	26.01.2020	3rd yr
AP/P/2017/010052	07.12.2018	22.12.2019	3rd yr
AP/P/2017/010055	23.11.2018	17.12.2019	3rd yr
AP/P/2017/010102	07.12.2018	19.01.2020	3rd yr
AP/P/2017/010109	28.11.2018	04.02.2020	3rd yr
AP/P/2017/010110	17.11.2018	28.12.2019	3rd yr
AP/P/2017/010128	28.11.2018	22.12.2019	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2017/010129	23.11.2018	16.12.2019	3rd yr
AP/P/2017/010145	17.11.2018	02.02.2020	3rd yr
AP/P/2017/010152	17.11.2018	27.01.2020	3rd yr
AP/P/2017/010192	17.11.2018	29.02.2020	3rd yr
AP/P/2017/010228	07.11.2018	10.10.2019	1st yr
AP/P/2017/010230	22.11.2018	30.03.2020	3rd yr
AP/P/2017/010231	22.11.2018	30.03.2020	3rd yr
AP/P/2017/010278	26.11.2018	27.10.2019	1st yr
AP/P/2017/010304	07.12.2018	29.01.2020	3rd yr
AP/P/2017/010323	26.11.2018	21.11.2019	1st yr
AP/P/2017/010353	27.11.2018	05.12.2019	1st yr
AP/P/2017/010378	28.11.2018	14.12.2019	1st yr
AP/P/2017/010403	29.11.2018	20.12.2019	1st yr
AP/P/2017/010418	05.11.2018	02.11.2018	2nd yr
AP/P/2018/010431	16.11.2018	21.07.2018	1st yr
AP/P/2018/010431	16.11.2018	21.07.2019	2nd yr
AP/P/2018/010441	28.11.2018	10.01.2020	1st yr
AP/P/2018/010459	21.11.2018	23.01.2020	1st yr
AP/P/2018/010641	01.09.2018	23.09.2019	2nd yr
AP/P/2018/010708	07.12.2018	18.10.2018	1st yr
AP/P/2018/010748	06.11.2018	27.10.2019	2nd yr
AP/P/2018/010760	23.11.2018	01.12.2019	2nd yr
AP/P/2018/010765	23.11.2018	02.12.2019	2nd yr
AP/P/2018/010773	07.12.2018	08.12.2019	2nd yr
AP/P/2018/010774	23.11.2018	07.12.2019	2nd yr
AP/P/2018/010776	28.11.2018	09.12.2019	2nd yr
AP/P/2018/010787	30.11.2018	15.12.2019	2nd yr
AP/P/2018/010805	06.11.2018	18.11.2019	2nd yr
AP/P/2018/010811	21.11.2018	21.12.2019	2nd yr
AP/P/2018/010818	21.11.2018	21.12.2019	2nd yr
AP/P/2018/010823	30.11.2018	16.12.2019	2nd yr
AP/P/2018/010827	23.11.2018	20.12.2019	2nd yr
AP/P/2018/010832	23.11.2018	29.11.2019	2nd yr
AP/P/2018/010861	17.11.2018	08.01.2020	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/010862	17.11.2018	05.01.2020	2nd yr
AP/P/2018/010867	23.11.2018	13.01.2020	2nd yr
AP/P/2018/010881	23.11.2018	12.12.2019	2nd yr
AP/P/2018/010901	22.11.2018	14.02.2020	2nd yr
AP/P/2018/010907	22.11.2018	16.02.2020	2nd yr
AP/P/2018/010910	07.12.2018	26.01.2020	2nd yr
AP/P/2018/010911	07.12.2018	30.01.2020	2nd yr
AP/P/2018/010913	07.12.2018	30.01.2020	2nd yr
AP/P/2018/010924	16.11.2018	05.01.2020	2nd yr
AP/P/2018/010929	23.11.2018	16.01.2020	2nd yr
AP/P/2018/010931	23.11.2018	16.01.2020	2nd yr
AP/P/2018/010933	23.11.2018	16.01.2020	2nd yr
AP/P/2018/010934	23.11.2018	16.01.2020	2nd yr
AP/P/2018/010935	23.11.2018	16.01.2020	2nd yr
AP/P/2018/011034	06.11.2018	02.03.2018	1st yr
AP/P/2018/011034	06.11.2018	02.03.2019	2nd yr
AP/P/2018/011043	11.10.2018	20.03.2019	1st yr
AP/P/2018/011048	28.11.2018	14.04.2019	1st yr
AP/P/2018/011059	28.11.2018	08.05.2019	1st yr
AP/P/2018/011068	12.11.2018	31.03.2019	1st yr
AP/P/2018/011068	12.11.2018	31.03.2020	2nd yr
AP/P/2018/011069	12.11.2018	31.03.2019	1st yr
AP/P/2018/011069	12.11.2018	31.03.2020	2nd yr
AP/P/2018/011070	12.11.2018	31.03.2019	1st yr
AP/P/2018/011106	07.11.2018	26.04.2019	1st yr
AP/P/2018/011109	16.11.2018	26.04.2019	1st yr
AP/P/2018/011111	16.11.2018	03.04.2019	1st yr
AP/P/2018/011111	16.11.2018	03.04.2020	2nd yr
AP/P/2018/011112	16.11.2018	10.03.2016	1st yr
AP/P/2018/011112	16.11.2018	10.03.2017	2nd yr
AP/P/2018/011112	16.11.2018	10.03.2018	3rd yr
AP/P/2018/011112	16.11.2018	10.03.2019	4th yr
AP/P/2018/011112	16.11.2018	10.03.2020	5th yr
AP/P/2018/011114	16.11.2018	02.05.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011117	16.11.2018	08.05.2019	1st yr
AP/P/2018/011118	16.11.2018	24.05.2019	1st yr
AP/P/2018/011125	17.11.2018	05.05.2019	1st yr
AP/P/2018/011125	17.11.2018	05.05.2020	2nd yr
AP/P/2018/011128	23.11.2018	10.10.2018	1st yr
AP/P/2018/011128	23.11.2018	10.10.2019	2nd yr
AP/P/2018/011130	17.11.2018	09.06.2016	1st yr
AP/P/2018/011130	17.11.2018	09.06.2017	2nd yr
AP/P/2018/011130	17.11.2018	09.06.2018	3rd yr
AP/P/2018/011130	17.11.2018	09.06.2019	4th yr
AP/P/2018/011130	17.11.2018	09.06.2020	5th yr
AP/P/2018/011134	16.11.2018	28.02.2020	1st yr
AP/P/2018/011135	17.11.2018	23.10.2019	1st yr
AP/P/2018/011136	22.11.2018	02.12.2018	1st yr
AP/P/2018/011136	22.11.2018	02.12.2019	2nd yr
AP/P/2018/011137	17.11.2018	13.05.2019	1st yr
AP/P/2018/011137	17.11.2018	13.05.2020	2nd yr
AP/P/2018/011138	17.11.2018	12.05.2019	1st yr
AP/P/2018/011139	22.11.2018	12.05.2019	1st yr
AP/P/2018/011140	17.11.2018	26.06.2019	1st yr
AP/P/2018/011143	28.11.2018	12.05.2019	1st yr
AP/P/2018/011144	22.11.2018	01.05.2019	1st yr
AP/P/2018/011145	28.11.2018	26.06.2019	1st yr
AP/P/2018/011146	28.11.2018	31.05.2019	1st yr
AP/P/2018/011147	28.11.2018	31.05.2019	1st yr
AP/P/2018/011147	28.11.2018	31.05.2020	2nd yr
AP/P/2018/011148	28.11.2018	04.05.2019	1st yr
AP/P/2018/011150	28.11.2018	20.04.2018	1st yr
AP/P/2018/011150	28.11.2018	20.04.2019	2nd yr
AP/P/2018/011151	28.11.2018	08.08.2018	1st yr
AP/P/2018/011151	28.11.2018	08.08.2019	2nd yr
AP/P/2018/011152	28.11.2018	31.05.2019	1st yr
AP/P/2018/011154	28.11.2018	16.05.2019	1st yr
AP/P/2018/011155	28.11.2018	11.05.2019	1st yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011156	28.11.2018	12.05.2019	1st yr
AP/P/2018/011159	23.11.2018	26.04.2019	1st yr
AP/P/2018/011160	28.11.2018	19.05.2019	1st yr
AP/P/2018/011161	23.11.2018	03.05.2018	1st yr
AP/P/2018/011161	23.11.2018	03.05.2019	2nd yr
AP/P/2018/011162	23.11.2018	05.05.2019	1st yr
AP/P/2018/011166	23.11.2018	17.06.2018	1st yr
AP/P/2018/011167	22.11.2018	03.06.2019	1st yr
AP/P/2018/011168	23.11.2018	03.05.2019	1st yr
AP/P/2018/011169	23.11.2018	02.05.2019	1st yr
AP/P/2018/011170	28.11.2018	28.04.2020	2nd yr
AP/P/2018/011170	28.11.2018	28.04.2019	1st yr
AP/P/2018/011171	23.11.2018	03.08.2018	1st yr
AP/P/2018/011171	23.11.2018	03.08.2019	2nd yr
AP/P/2018/011172	23.11.2018	02.05.2019	1st yr
AP/P/2018/011173	23.11.2018	02.05.2019	1st yr
AP/P/2018/011174	23.11.2018	03.08.2018	1st yr
AP/P/2018/011174	23.11.2018	03.08.2019	2nd yr
AP/P/2018/011175	23.11.2018	26.04.2019	1st yr
AP/P/2018/011176	28.11.2018	23.05.2019	1st yr
AP/P/2018/011176	28.11.2018	23.05.2020	2nd yr
AP/P/2018/011178	28.11.2018	23.05.2019	1st yr
AP/P/2018/011179	28.11.2018	16.05.2019	1st yr
AP/P/2018/011179	28.11.2018	16.05.2020	2nd yr
AP/P/2018/011180	23.11.2018	03.08.2018	1st yr
AP/P/2018/011180	23.11.2018	03.08.2019	2nd yr
AP/P/2018/011181	07.12.2018	21.07.2019	1st yr
AP/P/2018/011184	30.11.2018	05.04.2019	1st yr
AP/P/2018/011185	07.12.2018	17.08.2018	1st yr
AP/P/2018/011185	07.12.2018	17.08.2019	2nd yr
AP/P/2018/011188	30.11.2018	09.06.2019	1st yr
AP/P/2018/011198	07.12.2018	08.01.2012	1st yr
AP/P/2018/011198	07.12.2018	08.01.2013	2nd yr
AP/P/2018/011198	07.12.2018	08.01.2014	3rd yr

Patent Applications Renewed (Contd.)

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/P/2018/011198	07.12.2018	08.01.2015	4th yr
AP/P/2018/011198	07.12.2018	08.01.2016	5th yr
AP/P/2018/011198	07.12.2018	08.01.2017	6th yr
AP/P/2018/011198	07.12.2018	08.01.2018	7th yr
AP/P/2018/011198	07.12.2018	08.01.2019	8th yr
AP/P/2018/011198	07.12.2018	08.01.2020	9th yr
AP/P/2018/011201	07.12.2018	14.05.2019	1st yr
AP/P/2018/011206	07.12.2018	21.06.2019	1st yr

Patent Applications Abandoned

(21) AP/P/2015/008736
(23) 21.12.2018
(51) **C07D 471/04 (2006.01)**
(54) METHOD FOR PRODUCING (1-CYCLOPROPYL-6-FLUORO-1,4-DIHYDRO-8-METHOXY-7-[(4AS,7AS)-OCTAHYDRO-6H-PYRROLO[3,4-B] PYRIDIN-6-YL]-4-OXO-3-QUINOLINE-CARBOXYLIC ACID
(74) ADAMS AND ADAMS MOZAMBIQUE
(75) DERKACH Nataliia Mykolaivna
(84) BW, KE, NA, TZ

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(21) AP/P/2016/009531
(23) 21.12.2018
(51) **A61N 5/00 (2006.01)**
A61F 7/00 (2006.01)
(54) SMART THERMAL PATCH FOR ADAPTIVE THERMOTHERAPY
(71) KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY
(72) HUSSAIN Aftab Mustafa and HUSSAIN Muhammad Mustafa
(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/2017/009774
(23) 27.12.2018
(51) **A61P 13/10 (2006.01)**
A61K 31/4439 (2006.01)
C07D 401/14 (2006.01)
(54) CRYSTALLINE (2S)-3-[(3S,4S)-3-[(1R)-1-HYDROXYETHYL]-4-(4-METHOXY-3-{[1-(5-METHYLPYRIDIN-2-YL)AZETIDIN-3-YL]OXY}PHENYL) -3-METHYLPYRROLIDIN-1-YL]-3-OXOPROPANE-1,2-DIOL
(71) ELI LILLY AND COMPANY
(72) RIBE Seth Dietrich and HUANG Ping
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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(21) AP/P/2017/010359
(23) 27.12.2018
(51) **C07D 487/04 (2006.01)**
C07F 5/02 (2006.01)
(54) PROCESSES AND INTERMEDIATES FOR THE PREPARATION OF {1-(ETHYLSULFONYL)-3-[4-(7H-PYRROLO[2,3-d]PYRIMIDIN-4-YL)-1H-PYRAZOL-1-YL]AZETIDIN-3-YL} ACETONITRILE
(71) ELI LILLY AND COMPANY
(72) WILSON Thomas Michael, VARIE David Lee, MARTINELLI Joseph R, et al
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, GH, KE, NA

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Patent Applications Assigned

(21) AP/P/2014/007404
(23) 12.10.2018
(51) **E02F 9/28 (2006.01)**
(54) RETENTION DEVICE, SYSTEM FOR RETENTION BETWEEN A FEMALE COMPONENT AND A MALE COMPONENT, AND FEMALE AND MALE COMPONENT FOR EXCAVATOR MACHINES AND THE LIKE
(71) Metalogenia patentes, S. L.
(72) ALONSO FRIGOLA Ester, ROL CORREDOR Javier, PÉREZ SORIA Francisco, et al
(74) FISHER CORMACK & BOTHA
(84) SD

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Patent Applications Pending Grant

(21) AP/P/2014/007839
(22) 27.04.2012
(23) 14.12.2018
(51) **B62J 15/00 (2006.01)**
(54) FRONT FENDER STRUCTURE IN AUTOMATIC TWO-WHEELED VEHICLE
(74) ADAMS AND ADAMS MOZAMBIQUE
(84) BW, KE, LS, MW, MZ, NA, RW, SZ, TZ, UG, ZM, ZW

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(21) AP/P/2014/008052
(22) 21.05.2013
(23) 06.12.2018
(51) **G01N 33/483 (2006.01)**
C12Q 1/68 (2006.01)
C12Q 1/04 (2006.01)
G01N 33/569 (2006.01)
(54) METHOD FOR ASSESSING THE VIABILITY OF VIRUSES WITH LYMPHOTROPISM
(74) COGHLAN, WELSH & GUEST
(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/2015/008888
(22) 04.06.2014
(23) 06.12.2018
(51) **A61P 35/00 (2006.01)**
A61K 31/52 (2006.01)
C07D 473/04 (2006.01)
(54) DUAL SELECTIVE PI3 DELTA AND GAMMA KINASE INHIBITORS
(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/2015/008928
(22) 20.06.2014
(23) 03.12.2018
(51) **A23F 3/08 (2006.01)**
A23F 3/06 (2006.01)
(54) A PROCESS FOR PRODUCING A TEA PRODUCT
(74) FISHER CORMACK & BOTHA
(84) KE, TZ

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(21) AP/P/2015/008934
(22) 01.08.2014
(23) 04.12.2018
(51) **A61Q 5/10 (2006.01)**
A61Q 5/08 (2006.01)
A61Q 5/04 (2006.01)
A61Q 5/00 (2006.01)
A61K 8/41 (2006.01)
A61K 8/362 (2006.01)
(54) METHODS FOR FIXING HAIR AND SKIN
(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/2015/008948
(22) 26.06.2014
(23) 04.12.2018
(51) **C12N 7/01 (2006.01)**
C07K 14/145 (2006.01)
A61P 37/04 (2006.01)
A61P 31/14 (2006.01)
A61K 39/39 (2006.01)
A61K 39/295 (2006.01)
A61K 39/21 (2006.01)
A61K 39/205 (2006.01)
C12N 15/47 (2006.01)
(54) MODIFIED MATRIX PROTEINS OF VESICULAR STOMATITIS VIRUS
(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/2016/009252
(22) 09.12.2014
(23) 07.12.2018
(51) **F42D 3/04 (2006.01)**
F42D 1/055 (2006.01)
(54) BLASTING SYSTEM CONTROL
(74) HONEY & BLANCKENBERG
(84) KE, TZ, ZM

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Patents Granted

FORM 25 | **(12) PATENT** | **(19) AP**

(11) Patent No : AP 4699

(21) Application No : AP/P/2015/008650

(22) Filing Date : 01.06.2015

(24) Date of Grant & (45) Publication : 02/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2014/04002	02.06.2014

(84) Designated States: ZW

(73) Applicant(s)
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(72) Inventors
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(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : C22B 12/02 (2006.01) C21C 5/00 (2006.01)
C22B 34/32 (2006.01)

(54) Title
SMELTING OF LOW GRADE CHROMITE CONCENTRATE FINES

(57) Abstract

A chrome product by smelting a feed material which contains a chromite ore under
conditions in which gangue, in the feed, provides the flux for the chrome product.

(56) Documents Cited : US 2109122

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4700

(21) Application No : AP/P/2015/008348

(22) Filing Date : 05.09.2013

(24) Date of Grant & (45) Publication : 04/12/2018

(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

(73) Applicant(s)

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PEROLD Adam, United States of America
WANG Yang, United States of America
et al

(74) Representative

ROLAND INTELLECTUAL PROPERTY CONSULTANTS, Namibia

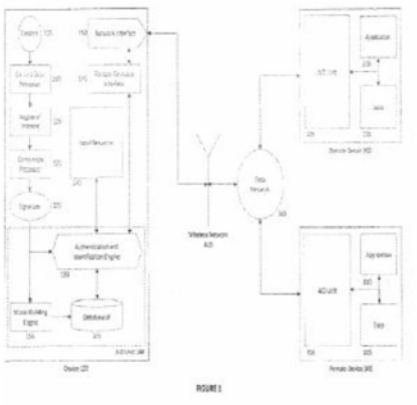
(51) International Classification : G06K 9/00 (2006.01)

(54) Title

BIOMETRIC AUTHENTICATION IN CONNECTION WITH CAMERA-EQUIPPED DEVICES

(57) Abstract

The present invention relates generally to the use of biometric technology for authentication and identification, and more particularly to non-contact based solutions for authenticating and identifying users, via computers, such as mobile devices, to selectively permit or deny access to various resources. In the present invention authentication and/or identification is performed using an image or a set of images of an individual's palm through a process involving the following key steps: (1) detecting the palm area using local classifiers; (2) extracting features from the region(s) of interest; and (3) computing the matching score against user models stored in a database, which can be augmented dynamically through a learning process.



(56) Documents Cited :

US8160307 B2
US20110229045 A1
US7660442 B2
EP0049039 A1
US8194938 B2
US20090297032 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4701

(21) Application No : AP/P/2013/007175

(22) Filing Date : 22.03.2012

(24) Date of Grant & (45) Publication : 05/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
JP	2011-078804	31.03.2011

(84) Designated States:
MZ TZ

(73) Applicant(s)
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et al

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

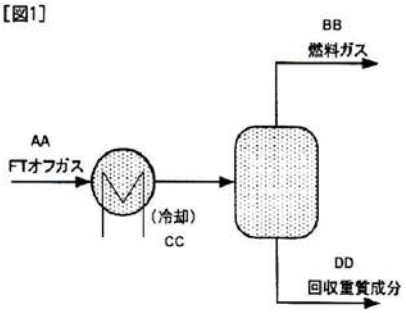
(51) International Classification : C10G 2/00 (2006.01)

(54) Title
Method of removing heavy hydrocarbons

(57) Abstract

Heavy hydrocarbons contained in FT off gas of a GTL process are removed by bringing the FT off gas into contact with absorption oil, by introducing the FT off gas into a distillation tower/ by cooling the FT off gas or by driving the FT off gas into an adsorbent, A burner tip for heating a reformer tube, using FT off gas as fuel, is prevented from being plugged by the deposition of heavy hydrocarbons contained in the FT off gas.

[図1]



AA FT OFF-GAS
BB FUEL GAS
CC (COOLING)
DD RECLAIMED HEAVY COMPONENTS

(56) Documents Cited : JP2007-529594 JP 2007-530709 WO2007/114277

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4702

(21) Application No : AP/P/2015/008472

(22) Filing Date : 27.11.2013

(24) Date of Grant & (45) Publication : 05/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
US	61/730,432	27.11.2012
US	14/090,789	26.11.2013

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

(73) Applicant(s)
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(72) Inventors
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SAMPATH Hemanth, United States of America

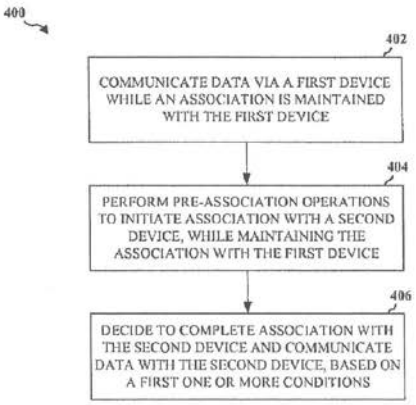
(74) Representative
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) International Classification : H04W 36/34 (2009.01) H04W 36/08 (2009.01) H04W 12/06 (2009.01)

(54) Title
FAST ASSOCIATION AND ADDRESS CONTINUITY FOR HANDOFF BETWEEN UNMANAGED ACCESS POINTS

(57) Abstract

A method, an apparatus, and a computer program product for wireless communication are provided. The apparatus may comprise an interface configured to communicate data via a first device while an association is maintained with the first device and a processing system configured to perform pre-association operations, via the interface, to initiate association with a second device, while maintaining the association with the first device, and to decide to complete association with the second device and communicate data with the second device, based on a first one or more conditions.



(56) Documents Cited : HEMISH PARIKH et al US2007025294 (A1 US2007060105 A1 WO2007138056 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4703

(21) Application No : AP/P/2014/008123

(22) Filing Date : 26.10.2012

(24) Date of Grant & (45) Publication : 11/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
CN	201210169127.7	25.05.2012

(84) Designated States:

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

(73) Applicant(s)
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(72) Inventors
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(74) Representative
COGHLAN, WELSH & GUEST, Zimbabwe

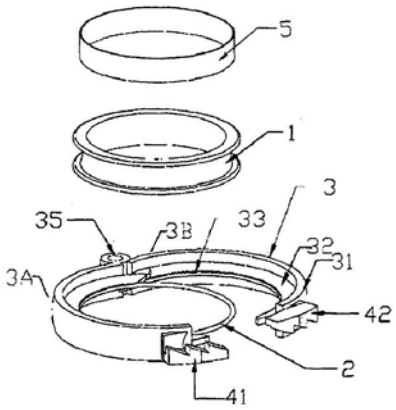
(51) International Classification : A61B 17/115 (2006.01) A61K 17/326 (2006.01)

(54) Title

Disposable apparatus for fitly circumcising a penis

(57) Abstract

A disposable circumcision apparatus, comprising, a fixture device comprising a surrounding wall, the surrounding wall comprising an opening, a blade formed along an interior surface of the surrounding wall, the blade comprising a first blade mating portion and a second blade mating portion that mate with each other when the fixture device is in a closed position, the blade further comprising a blade interior circumferential edge, a cushion ring for being positioned against the blade further comprising a groove formed along a blade interior circumferential edge, means for maintaining the fixture device in a closed position, and a balanus ferrule for placement within the cushion ring and fixture device.



(56) Documents Cited :
CN 102,327,140 A
CN 102,451,031 A
CN 102,309,358 A
CN 102,309,357 A
CN 102,068,297 A
CA 2,620,831

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4704

(21) **Application No :** AP/P/2016/009158

(22) **Filing Date :** 28.11.2014

(24) (45) **Date of Grant & Publication :** 14/12/2018

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
EP	13195081.8	29.11.2013

(84) **Designated States:** BW GH KE NA

(73) **Applicant(s)**
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(72) **Inventors**
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GESSIER François, Switzerland
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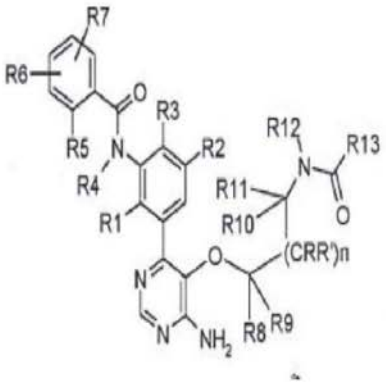
(74) **Representative**
HONEY & BLANCKENBERG, Zimbabwe

(51) **International Classification :**
C07D 403/12 (2006.01)
C07D 401/10 (2006.01)
C07D 405/12 (2006.01)
C07D 401/14 (2006.01)
C07D 401/12 (2006.01)
C07D 239/47 (2006.01)

(54) **Title**
NOVEL AMINO PYRIMIDINE DERIVATIVES

(57) **Abstract**

The present invention describes new amino pyrimidine derivatives of formula (I) and pharmaceutically acceptable salts thereof which appear to interact with Bruton's tyrosine kinase (Btk). Accordingly, the novel amino pyrimidines may be effective in the treatment of autoimmune disorders, inflammatory diseases, allergic diseases, airway diseases, such as asthma and chronic obstructive pulmonary disease (COPD), transplant rejection, cancers e.g. of hematopoietic origin or solid tumors.



(56) **Documents Cited :** WO 2013/083666 A1 WO 2010/1000070 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4705

(21) Application No : AP/P/2015/008960

(22) Filing Date : 25.11.2015

(24) Date of Grant & (45) Publication : 15/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2014/08684	26.11.2014

(84) Designated States: BW MZ TZ ZM ZW

(73) Applicant(s)
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(72) Inventors
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ADAMS Michael David, Thailand
SMITH Lisa Anne, Thailand

(74) Representative
ENSafrica Namibia, Namibia

(51) International Classification : C22B 3/00 (2006.01)

(54) Title
TREATMENT PROCESS FOR RECOVERY AND SEPARATION OF ELEMENTS FROM LIQUORS

(57) Abstract

This invention provides a hydrometallurgical process for extracting one or more saleable products from a sulphate or chloride pregnant leach solution (PLS), or both. The products may be any one or more of the products selected from the group consisting of: precious metals including platinum group metals (PGMs), gold and silver, base metals, and rare metal elements, and metal cathodes, powders, salts or precipitates thereof; sulphur; hydrochloric acid (HCI); calcium; and silica.

(56) Documents Cited : US-6579504 B1 US 3920789 A1 US 3979207 A1

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) **Patent No :** AP 4706

(21) **Application No :** AP/P/2014/007613

(22) **Filing Date :** 09.10.2012

(24) (45) **Date of Grant & Publication :** 19/12/2018

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
US	61/546,471	12.10.2011
US	13/646,862	08.10.2012

(84) **Designated States:** MZ TZ

(73) **Applicant(s)**
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(72) **Inventors**
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GREENE Robin, Norway

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

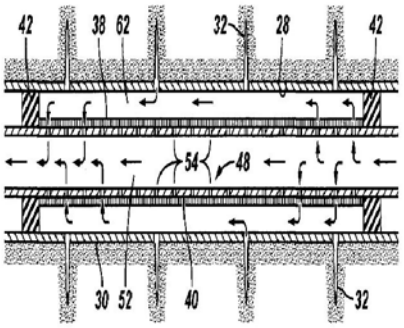
(51) **International Classification :** E21B 43/12 (2006.01) E21B 43/08 (2006.01)

(54) **Title**
System and method for controlling flow through a sand screen

(57) **Abstract**

A system and methodology utilizes a technique for filtering sand; distributing a flow of fluid; e.g. distributing an inflow of gas or condensate; and limiting the potential for erosion of completion components in a wellbore. The technique may be useful in production applications, but the technique also can be used in fluid injection applications, e.g. gas injection applications. The technique employs a base pipe and a sand screen surrounding the base pipe. The base pipe comprises a plurality of flow restriction openings of reduced size and deployed in a selected pattern along the base pipe. The size and arrangement of the flow restriction openings reduces the peak flux of radial fluid flow through the sand screen to a rate less than a sand screen erosion rate.

FIG. 4



(56) **Documents Cited :** US5190102 A

Patents Granted (Contd.)

FORM 25	(12) PATENT	(19) AP

(11) Patent No : AP 4707

(21) Application No : AP/P/2015/008683

(22) Filing Date : 14.05.2014

(24) Date of Grant & (45) Publication : 28/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
ZA	2013/03488	14.05.2013

(84) Designated States:

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

(73) Applicant(s)

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(72) Inventors

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(74) Representative

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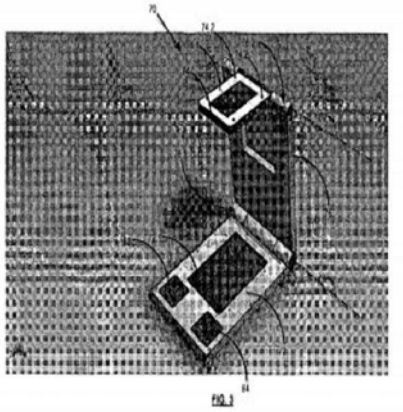
(51) International Classification : H04N 1/04 (2006.01)

(54) Title

IMAGE CAPTURING

(57) Abstract

This invention relates to image and biometric capturing. In particular, the invention relates to a mobile communications device mount and to a method of capturing images and biometric data with a mobile communication device. The mobile communications device accessory, includes a document receptacle shaped and dimensioned to hold a document in an imaging zone and a device mounting, shaped and dimensioned to receive a mobile communications device having a built in camera such that the built in camera is directed at the document receptacle imaging zone.



(56) Documents Cited : US 2010/0321561 US 2007/0035655 A1 US 2011/0216178 A1

Classification Index of Granted Patents

IPC Symbol(s)	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name
C22B 12/02 (2006.01) C21C 5/00 (2006.01) C22B 34/32 (2006.01)	AP/P/2015/008650	AP 4699		MINTEK
G06K 9/00 (2006.01)	AP/P/2015/008348	AP 4700	PCT/US2013/058343	ELEMENT, INC.
C10G 2/00 (2006.01)	AP/P/2013/007175	AP 4701	PCT/JP12/001965	JAPAN OIL, GAS AND METALS NATIONAL CORPORATION
H04W 36/34 (2009.01) H04W 12/06 (2009.01) H04W 36/08 (2009.01)	AP/P/2015/008472	AP 4702	PCT/US2013/072134	QUALCOMM INCORPORATED
A61B 17/115 (2006.01) A61K 17/326 (2006.01)	AP/P/2014/008123	AP 4703	PCT/CN12/001438	SHANG Jianzhong
C07D 403/12 (2006.01) C07D 401/14 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 239/47 (2006.01)	AP/P/2016/009158	AP 4704	PCT/IB2014/066422	NOVARTIS AG
C22B 3/00 (2006.01)	AP/P/2015/008960	AP 4705		LIFEZONE LIMITED
E21B 43/12 (2006.01) E21B 43/08 (2006.01)	AP/P/2014/007613	AP 4706	PCT/US12/059274	PRAD RESEARCH AND DEVELOPMENT LIMITED
H04N 1/04 (2006.01)	AP/P/2015/008683	AP 4707	PCT/IB2014/061427	VATOSCAN (PTY) LTD

Patentees' Name Index of Granted Patents

Patentee's Name	ARIPO Application No.	ARIPO Patent No.	PCT Application No.	IPC Symbol(s)
MINTEK	AP/P/2015/008650	AP 4699		C22B 12/02 (2006.01) C21C 5/00 (2006.01) C22B 34/32 (2006.01)
ELEMENT, INC.	AP/P/2015/008348	AP 4700	PCT/US2013/058343	G06K 9/00 (2006.01)
JAPAN OIL, GAS AND METALS NATIONAL CORPORATION	AP/P/2013/007175	AP 4701	PCT/JP12/001965	C10G 2/00 (2006.01)
QUALCOMM INCORPORATED	AP/P/2015/008472	AP 4702	PCT/US2013/072134	H04W 36/34 (2009.01) H04W 12/06 (2009.01) H04W 36/08 (2009.01)
SHANG Jianzhong	AP/P/2014/008123	AP 4703	PCT/CN12/001438	A61B 17/115 (2006.01) A61K 17/326 (2006.01)
NOVARTIS AG	AP/P/2016/009158	AP 4704	PCT/IB2014/066422	C07D 403/12 (2006.01) C07D 401/14 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 239/47 (2006.01)
LIFEZONE LIMITED	AP/P/2015/008960	AP 4705		C22B 3/00 (2006.01)
PRAD RESEARCH AND DEVELOPMENT LIMITED	AP/P/2014/007613	AP 4706	PCT/US12/059274	E21B 43/12 (2006.01) E21B 43/08 (2006.01)
VATOSCAN (PTY) LTD	AP/P/2015/008683	AP 4707	PCT/IB2014/061427	H04N 1/04 (2006.01)

ARIPO Application Number Index of Granted Patents

ARIPO Application No.	ARIPO Patent No.	PCT Application No.	Patentee's Name	IPC Symbol(s)
AP/P/2015/008650	AP 4699		MINTEK	C22B 12/02 (2006.01) C21C 5/00 (2006.01) C22B 34/32 (2006.01)
AP/P/2015/008348	AP 4700	PCT/US2013/058343	ELEMENT, INC.	G06K 9/00 (2006.01)
AP/P/2013/007175	AP 4701	PCT/JP12/001965	JAPAN OIL, GAS AND METALS NATIONAL CORPORATION	C10G 2/00 (2006.01)
AP/P/2015/008472	AP 4702	PCT/US2013/072134	QUALCOMM INCORPORATED	H04W 36/34 (2009.01) H04W 12/06 (2009.01) H04W 36/08 (2009.01)
AP/P/2014/008123	AP 4703	PCT/CN12/001438	SHANG Jianzhong	A61B 17/115 (2006.01) A61K 17/326 (2006.01)
AP/P/2016/009158	AP 4704	PCT/IB2014/066422	NOVARTIS AG	C07D 403/12 (2006.01) C07D 401/14 (2006.01) C07D 401/10 (2006.01) C07D 401/12 (2006.01) C07D 405/12 (2006.01) C07D 239/47 (2006.01)
AP/P/2015/008960	AP 4705		LIFEZONE LIMITED	C22B 3/00 (2006.01)
AP/P/2014/007613	AP 4706	PCT/US12/059274	PRAD RESEARCH AND DEVELOPMENT LIMITED	E21B 43/12 (2006.01) E21B 43/08 (2006.01)
AP/P/2015/008683	AP 4707	PCT/IB2014/061427	VATOSCAN (PTY) LTD	H04N 1/04 (2006.01)

Patents Renewed

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 1323	AP/P/2001/002166	06.11.2018	11.11.2019	19th yr
AP 1697	AP/P/2001/002186	23.11.2018	23.12.2019	19th yr
AP 1905	AP/P/2002/002543	21.11.2018	23.11.2019	18th yr
AP 2102	AP/P/2003/002770	28.11.2018	08.12.2019	18th yr
AP 1897	AP/P/2003/002829	30.11.2018	22.01.2020	17th yr
AP 1756	AP/P/2004/003096	23.11.2018	20.12.2019	16th yr
AP 2209	AP/P/2004/003183	13.11.2018	07.05.2019	15th yr
AP 2388	AP/P/2005/003344	17.11.2018	16.12.2019	15th yr
AP 2328	AP/P/2006/003581	23.11.2018	22.12.2019	14th yr
AP 2146	AP/P/2006/003660	13.12.2018	31.12.2019	15th yr
AP 2188	AP/P/2006/003693	07.12.2018	21.01.2020	14th yr
AP 2507	AP/P/2006/003694	07.12.2018	21.01.2020	14th yr
AP 2321	AP/P/2006/003705	07.12.2018	28.01.2020	14th yr
AP 2371	AP/P/2007/004086	07.12.2018	05.01.2020	13th yr
AP 2924	AP/P/2008/004509	23.11.2018	15.12.2019	12th yr
AP 2591	AP/P/2008/004531	30.11.2018	13.12.2019	12th yr
AP 2936	AP/P/2008/004535	07.12.2018	19.01.2020	12th yr
AP 2648	AP/P/2008/004562	07.12.2018	18.01.2020	12th yr
AP 3163	AP/P/2008/004596	28.12.2018	30.12.2019	12th yr
AP 2530	AP/P/2009/004910	23.11.2018	17.12.2019	11th yr
AP 2459	AP/P/2009/004922	07.12.2018	04.01.2020	11th yr
AP 2862	AP/P/2009/004927	30.11.2018	20.12.2019	11th yr
AP 2902	AP/P/2009/004940	07.12.2018	28.01.2020	11th yr
AP 2526	AP/P/2009/004943	07.12.2018	21.01.2020	11th yr
AP 2794	AP/P/2009/005075	28.11.2018	15.12.2019	9th yr
AP 2680	AP/P/2009/005076	28.11.2018	15.12.2019	9th yr
AP 3016	AP/P/2010/005277	07.12.2018	11.12.2019	10th yr
AP 3164	AP/P/2010/005283	21.09.2018	17.11.2019	10th yr
AP 3573	AP/P/2010/005298	07.12.2018	18.12.2019	10th yr
AP 3226	AP/P/2010/005311	30.11.2018	11.12.2019	10th yr
AP 3001	AP/P/2010/005315	30.11.2018	17.12.2019	10th yr
AP 3371	AP/P/2011/005719	30.11.2018	11.12.2019	9th yr
AP 3113	AP/P/2011/005732	21.11.2018	20.11.2019	9th yr
AP 2653	AP/P/2011/005742	23.11.2018	09.12.2019	9th yr
AP 3489	AP/P/2011/005743	07.12.2018	15.12.2019	9th yr
AP 3392	AP/P/2011/005761	30.11.2018	01.12.2019	9th yr
AP 4221	AP/P/2011/005764	06.11.2018	30.11.2019	9th yr
AP 3128	AP/P/2011/005784	23.11.2018	29.12.2019	9th yr
AP 3131	AP/P/2011/005841	16.11.2018	30.01.2020	9th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 3689	AP/P/2011/005982	30.11.2018	09.12.2019	9th yr
AP 2994	AP/P/2011/006043	30.11.2018	23.12.2019	7th yr
AP 4251	AP/P/2012/006249	07.12.2018	15.12.2019	9th yr
AP 3291	AP/P/2012/006270	23.11.2018	06.12.2019	8th yr
AP 3083	AP/P/2012/006278	06.11.2018	18.11.2019	8th yr
AP 3374	AP/P/2012/006323	30.11.2018	10.12.2019	8th yr
AP 3294	AP/P/2012/006324	30.11.2018	28.12.2019	8th yr
AP 3796	AP/P/2012/006355	30.11.2018	13.12.2019	8th yr
AP 3319	AP/P/2012/006372	30.11.2018	17.12.2019	8th yr
AP 3315	AP/P/2012/006373	30.11.2018	17.12.2019	8th yr
AP 3316	AP/P/2012/006374	30.11.2018	17.12.2019	8th yr
AP 3725	AP/P/2012/006388	07.12.2018	15.01.2020	9th yr
AP 3652	AP/P/2012/006392	07.12.2018	30.12.2019	8th yr
AP 3790	AP/P/2012/006443	07.12.2018	27.01.2020	8th yr
AP 4101	AP/P/2013/006655	23.11.2018	02.01.2020	6th yr
AP 4467	AP/P/2013/006657	23.11.2018	02.01.2020	6th yr
AP 4116	AP/P/2013/006693	23.11.2018	28.01.2020	6th yr
AP 3787	AP/P/2013/006971	23.11.2018	09.12.2019	7th yr
AP 3553	AP/P/2013/006979	23.11.2018	12.12.2019	7th yr
AP 3966	AP/P/2013/007015	30.11.2018	29.12.2019	7th yr
AP 4057	AP/P/2013/007017	07.12.2018	23.01.2020	7th yr
AP 4053	AP/P/2013/007018	07.12.2018	23.01.2020	7th yr
AP 3729	AP/P/2013/007025	21.12.2018	03.01.2020	7th yr
AP 4065	AP/P/2013/007041	23.11.2018	19.01.2020	7th yr
AP 4520	AP/P/2013/007053	07.12.2018	27.01.2020	7th yr
AP 4483	AP/P/2013/007247	06.11.2018	14.11.2019	5th yr
AP 3653	AP/P/2014/007542	30.11.2018	10.12.2019	6th yr
AP 4320	AP/P/2014/007594	05.11.2018	10.11.2019	7th yr
AP 4369	AP/P/2014/007726	30.11.2018	10.12.2019	6th yr
AP 4265	AP/P/2014/007729	06.11.2018	28.11.2019	6th yr
AP 4624	AP/P/2014/007812	13.12.2018	28.12.2019	6th yr
AP 4471	AP/P/2014/007819	07.12.2018	28.01.2020	6th yr
AP 4084	AP/P/2014/007856	30.11.2018	18.12.2019	6th yr
AP 4417	AP/P/2014/007861	07.12.2018	23.01.2020	6th yr
AP 4371	AP/P/2014/007872	30.11.2018	17.01.2020	6th yr
AP 4028	AP/P/2014/007882	23.11.2018	23.01.2020	6th yr
AP 3546	AP/P/2014/008076	07.12.2018	08.06.2018	4th yr
AP 3546	AP/P/2014/008076	07.12.2018	08.06.2019	5th yr
AP 4564	AP/P/2015/008218	30.11.2018	06.12.2019	6th yr

Patents Renewed (Contd.)

Patent No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP 4415	AP/P/2015/008413	30.11.2018	05.12.2019	5th yr
AP 3862	AP/P/2015/008463	23.11.2018	03.12.2019	5th yr
AP 4163	AP/P/2015/008478	28.11.2018	11.10.2019	5th yr
AP 4386	AP/P/2015/008502	30.11.2018	23.12.2019	5th yr
AP 4681	AP/P/2015/008505	23.11.2018	06.12.2019	5th yr
AP 4510	AP/P/2015/008514	23.11.2018	12.12.2019	5th yr
AP 4502	AP/P/2015/008516	23.11.2018	04.12.2019	5th yr
AP 4546	AP/P/2015/008546	23.11.2018	02.12.2019	5th yr
AP 4392	AP/P/2015/008607	23.11.2018	17.01.2020	5th yr
AP 4690	AP/P/2015/008608	07.12.2018	27.01.2020	5th yr

UTILITY MODELS

Utility Model Applications Filed

(21) AP/U/2018/000146
(22) 07.12.2018
(23) 07.12.2018
(51) **G06Q 40/04 (2015.01)**
G06Q 10/06 (2015.01)
G06Q 10/08 (2015.01)
G06Q 20/02 (2015.01)
G06Q 20/00 (2015.01)
G06Q 30/06 (2015.01)
G06Q 40/08 (2015.01)
G06Q 50/08 (2015.01)
G06Q 40/02 (2015.01)
(54) CONSTRUCTION HUB (CONHUB CONNECT)
(74) JOHANE Terence
(75) JOHANE Terence
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(96) 07.12.2018 AP/U/2018/000146

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(21) AP/U/2018/000147
(22) 04.07.2016
(23) 27.12.2018
(31) a 2016 07005
(32) 29.06.2016 (33) UA
(51) **B21D 22/28 (2006.01)**
B67D 3/00 (2006.01)
B65D 8/22 (2006.01)
B65D 8/08 (2006.01)
B21D 51/20 (2006.01)
(54) REUSABLE STAINLESS STEEL BOTTLE FOR TRANSPORTING AND STORING LIQUIDS AND A METHOD FOR MANUFACTURING THEREOF
(74) ADAMS AND ADAMS MOZAMBIQUE
(75) NESTERENKO Ievgen
(84) BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW
(86) 04.07.2016 PCT/UA2016/000081
(96) 04.07.2016 AP/U/2018/000147

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DESIGNS

Design Applications Filed

(21) AP/D/2018/001354
(22) 07.12.2018
(31) 29/671,960
(32) 30.11.2018 (33) US
(51) **11-02 (11)**
(54) INTERSTAGE SCREEN BASKET
(71) DERRICK CORPORATION
(72) SMITH Clifford C and COLGROVE James R
(74) ENSafrica Namibia
(84) GH, MZ, NA, SD, TZ, ZW

●●

(21) AP/D/2018/001355
(22) 26.10.2018
(51) **15-03 (11)**
(54) RINGED CUP FOR NATURAL RUBBER LATEX HARVESTING
(71) GHANA RUBBER ESTATES LIMITED
(72) KWADWO Tenkorang Wiafe
(74) ACHEAMPONG Perry
(84) GH

●●

(21) AP/D/2018/001356
(22) 20.12.2018
(31) F2018/00946
(32) 20.06.2018 (33) ZA
(51) **02-03 (11)**
(54) A SUPPORT STRAP FOR A HARD HAT
(71) SELECT PPE (PTY) LTD
(72) BLAND Brian Trevor
(74) HONEY & BLANCKENBERG
(84) BW, KE, ZM

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(21) AP/D/2018/001357
(22) 20.12.2018
(31) F2018/00947
(32) 20.06.2018 (33) ZA
(51) **02-03 (11)**
(54) A HEADBAND FOR A HARD HAT
(71) SELECT PPE (PTY) LTD
(72) BLAND Brian Trevor
(74) HONEY & BLANCKENBERG
(84) BW, KE, ZM

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(21) AP/D/2018/001358
(22) 20.12.2018
(31) F2018/00945
(32) 20.06.2018 (33) ZA
(51) **02-03 (11)**
(54) A CLASP FOR A HARD HAT
(71) SELECT PPE (PTY) LTD
(72) BLAND Brian Trevor
(74) HONEY & BLANCKENBERG
(84) BW, KE, ZM

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Design Applications Renewed

Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/2017/001239	13.11.2018	03.11.2019	1st yr
AP/D/2017/001242	13.11.2018	03.11.2019	1st yr
AP/D/2018/001274	28.11.2018	17.05.2020	1st yr
AP/D/2018/001275	28.11.2018	17.05.2020	1st yr
AP/D/2018/001276	28.11.2018	17.05.2020	1st yr

Designs Registered

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

(11) **Design No :** AP/D/01014

(21) **Application No :** AP/D/2018/001268

(22) **Filing Date :** 17.04.2018

(24) **Registration Date:** 06/12/2018

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
ZA	A2017/01658	17.10.2017

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

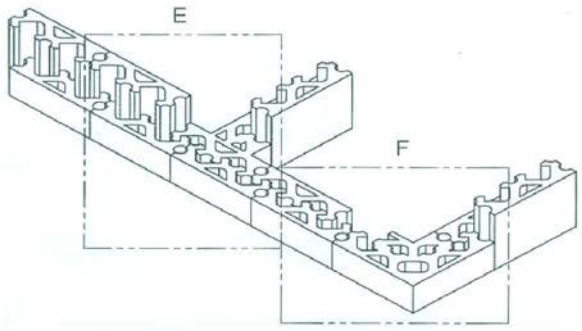
(73) **Applicant(s)**
GORRINI Bruno, Camino a Bulnes km. 8, Concepción, Chile

(72) **Creators**
GORRINI Bruno, Chile

(74) **Representative**
ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** 25-01

(54) **Title**
BUILDING ELEMENTS



Designs Registered (Contd.)

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

(11) Design No : AP/D/01015

(21) Application No : AP/D/2018/001273

(22) Filing Date : 10.05.2018

(24) Registration Date: 06/12/2018

(30) Priority Data

(33) Country	(31) Number	(32) Date
AU	201716879	10.11.2017

(84) Designated States:
BW GH NA TZ ZM

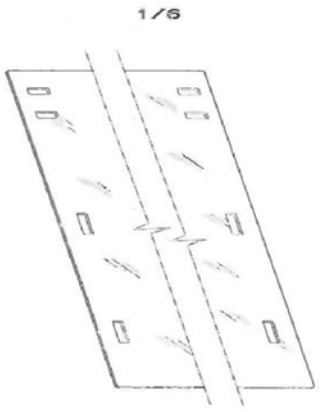
(73) Applicant(s)
TOTAL BLASTHOLE SOLUTIONS Pty Ltd, 15 Ogilvie Road, Mount Pleasant, Western Australia 6153, Australia

(72) Creators
MR GREGORY Patching,, Australia

(74) Representative
GILL, GODLONTON & GERRANS LEGAL PRACTITIONERS, Zimbabwe

(51) International Classification : 23-01

(54) Title
FLEXIBLE SHEET FOR INSERTION IN A BOREHOLE



Perspective View
Fig. 1

Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01016

(21) **Application No :** AP/D/2018/001262

(22) **Filing Date :** 03.04.2018

(24) **Registration Date:** 18/12/2018

(30) **Priority Data**

(33) Country	(31) Number	(32) Date
FR	2017-4562	06.10.2017

(84) **Designated States:**
BW KE LS MW MZ NA SZ
TZ UG ZM ZW

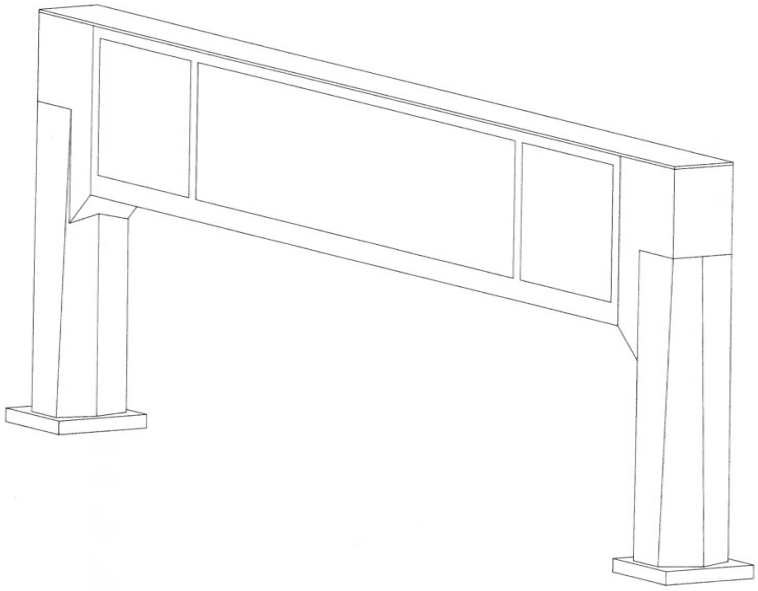
(73) **Applicant(s)**
JCDecaux SA, 17 Rue Soyer, 92 200 Neuilly-sur-Seine, France

(72) **Creators**
MARC Aurel, France

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

(51) **International Classification :** 20-03

(54) **Title**
BILLPOSTING PANEL



Designs Registered (Contd.)

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

(11) Design No : AP/D/01017

(21) Application No : AP/D/2017/001240

(22) Filing Date : 17.11.2017

(24) Registration Date: 24/12/2018

(73) Applicant(s)
B Medical Systems S.à r.l., 17, Op der Hei, L- 9809 Hosingen, Luxembourg

(30) Priority Data

(33) Country	(31) Number	(32) Date
GB	6012560	17.05.2017
GB	6012561	17.05.2017

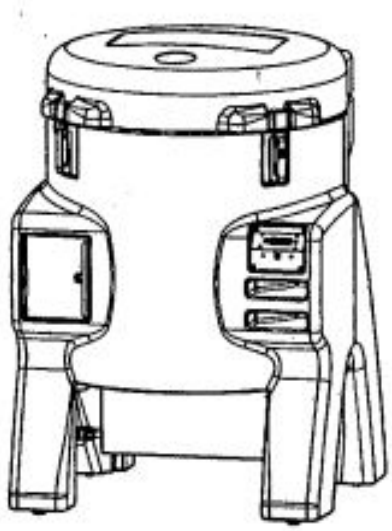
(72) Creators
SADLER Vincent, Luxembourg
GROENENDAELS Eric, Luxembourg

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

(74) Representative
HONEY & BLANCKENBERG, Zimbabwe

(51) International Classification : 15-07

(54) Title
REFRIGERATION APPARATUS



Designs Registered (Contd.)

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

(11) **Design No :** AP/D/01018

(21) **Application No :** AP/D/2018/001259

(22) **Filing Date :** 23.03.2018

(24) **Registration Date:** 24/12/2018

(30) **Priority Data**

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

(84) **Designated States:**

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

(73) **Applicant(s)**

JIANGMEN DACHANGJIANG GROUP CO., LTD., No. 5 Jiandabei Road, Jiangmen City, Guangdong Province 529000, Peoples Republic of China

(72) **Creators**

FAN Peiyong, Peoples Republic of China

(74) **Representative**

ADAMS AND ADAMS MOZAMBIQUE, Mozambique

(51) **International Classification :** 12-11

(54) **Title**

MOTORCYCLE



Fig. 1

Designs Renewed

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00212	AP/D/2008/000302	07.12.2018	17.12.2018	9th yr
AP/D/00213	AP/D/2008/000303	07.12.2018	31.12.2018	9th yr
AP/D/00235	AP/D/2009/000330	25.11.2018	27.11.2019	9th yr
AP/D/00240	AP/D/2009/000333	28.11.2018	11.12.2019	9th yr
AP/D/00241	AP/D/2009/000335	28.11.2018	11.12.2019	9th yr
AP/D/00246	AP/D/2009/000337	28.11.2018	11.12.2019	9th yr
AP/D/00247	AP/D/2009/000336	28.11.2018	11.12.2020	10th yr
AP/D/00268	AP/D/2009/000334	28.11.2018	11.12.2019	9th yr
AP/D/00285	AP/D/2010/000372	30.11.2018	31.12.2019	8th yr
AP/D/00418	AP/D/2012/000562	28.11.2018	08.11.2019	6th yr
AP/D/00427	AP/D/2013/000576	07.12.2018	14.01.2020	6th yr
AP/D/00501	AP/D/2013/000589	16.11.2018	28.03.2020	6th yr
AP/D/00658	AP/D/2014/000851	07.12.2018	11.04.2020	5th yr
AP/D/00742	AP/D/2014/000947	07.12.2018	12.12.2019	4th yr
AP/D/00835	AP/D/2015/001073	07.12.2018	28.12.2019	3rd yr
AP/D/00844	AP/D/2015/001072	07.12.2018	31.12.2019	3rd yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2019	3rd yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2020	4th yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2021	5th yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2022	6th yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2023	7th yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2024	8th yr
AP/D/00868	AP/D/2015/001037	07.12.2018	14.07.2025	9th yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2019	3rd yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2020	4th yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2021	5th yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2022	6th yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2023	7th yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2024	8th yr
AP/D/00869	AP/D/2015/001038	07.12.2018	14.07.2025	9th yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2019	3rd yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2020	4th yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2021	5th yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2022	6th yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2023	7th yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2024	8th yr
AP/D/00870	AP/D/2015/001056	07.12.2018	30.09.2025	9th yr
AP/D/00871	AP/D/2015/001057	07.12.2018	30.09.2020	4th yr

Designs Renewed (Contd.)

Design No.	Application No.	Date Fee Paid	Valid Until	Anniversary
AP/D/00871	AP/D/2015/001057	07.12.2018	30.09.2021	5th yr
AP/D/00871	AP/D/2015/001057	07.12.2018	30.09.2022	6th yr
AP/D/00871	AP/D/2015/001057	07.12.2018	30.09.2023	7th yr
AP/D/00871	AP/D/2015/001057	07.12.2018	30.09.2024	8th yr
AP/D/00871	AP/D/2015/001057	07.12.2018	30.09.2025	9th yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2019	3rd yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2020	4th yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2021	5th yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2022	6th yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2023	7th yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2024	8th yr
AP/D/00872	AP/D/2015/001058	07.12.2018	30.09.2025	9th yr
AP/D/00873	AP/D/2015/001059	07.12.2018	30.09.2020	4th yr
AP/D/00873	AP/D/2015/001059	07.12.2018	30.09.2021	5th yr
AP/D/00873	AP/D/2015/001059	07.12.2018	30.09.2022	6th yr
AP/D/00873	AP/D/2015/001059	07.12.2018	30.09.2023	7th yr
AP/D/00873	AP/D/2015/001059	07.12.2018	30.09.2024	8th yr
AP/D/00873	AP/D/2015/001059	07.12.2018	30.09.2025	9th yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2019	3rd yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2020	4th yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2021	5th yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2022	6th yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2023	7th yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2024	8th yr
AP/D/00874	AP/D/2015/001060	07.12.2018	30.09.2025	9th yr
AP/D/00889	AP/D/2013/000780	28.11.2018	05.11.2019	5th yr
AP/D/00924	AP/D/2016/001155	30.11.2018	23.12.2019	2nd yr
AP/D/00929	AP/D/2017/001157	16.11.2018	12.01.2020	2nd yr
AP/D/00930	AP/D/2017/001158	16.11.2018	12.01.2020	2nd yr
AP/D/00931	AP/D/2016/001156	30.11.2018	22.12.2019	2nd yr
AP/D/00934	AP/D/2017/001171	17.11.2018	06.02.2020	2nd yr
AP/D/00935	AP/D/2016/001152	07.12.2018	12.12.2019	2nd yr

SEARCH REQUESTS FILED

Search No.	Request Date	Originating State	Type	Requester's Name	Subject
SR04842/GH	24/10/2018	GH	Bibliographic data-including status	ISSAH Halidu	Information regarding industrial design application Status check
SR04854/CN	30/11/2018	CN	Information about ARIPO	ABC TRADEMARK	Information about ARIPO and Services
SR04855/NG	03/12/2018	NG	Information about ARIPO	EFFE MANUELS	Information about ARIPO
SR04856/IN	04/12/2018	IN	Bibliographic data-including status	MADANAN RANI	A method and a system for generating of high performance precipitated silica from rice husk ash.
SR04858/MZ	03/12/2018	MZ	Bibliographic data-including status	ADAMS AND ADAMS MOZAMBIQUE	Online Documentary Requirements for convention applications & ARIPO closure over festive season
SR04862/CH	11/12/2018	CH	Bibliographic data-including status	BOUSSON ELISE	Trademark TM2390BW14/TM2394BW 14 renewal status
SR04863/NA	11/12/2018	NA	Substantive Examination	CRONJE & Co.	Information regarding amendment to claims prior to grant
SR04864/CA	11/12/2018	CA	Information about ARIPO	Gshaida C.	Information about ARIPO and Services
SR04865/ZA	06/11/2018	ZA	Information about ARIPO	JAMES EARL	Information about ARIPO Services
SR04866/SG	02/11/2018	SG	SDI	CHOY CHAN SENG	Trademark registration in Kenya Agency in the name of CHOY Chan Seng

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