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NEW APPLICATIONS FOR THE PATENTS

The dates shown in the crescent brackets are the dates claimed under section 86 of the Patents Ordinance 2000.

09/03/2020		
159/2020	Afzaal Mustafa S/O Khan Ghulam Mustafa. Pakistan.	“Protective Cover”
160/2020	The University of Faisalabad. Pakistan.	“Non-Mydriatic AI-based Fundus E-Cam”
161/2020	The University of Faisalabad. Pakistan.	“Light Adapting Digital Pupilometer”
162/2020	Virtual University of Pakistan. Pakistan.	“Molecular based a reliable diagnosis for identifying the genotyping pattern of A1A2 alleles in Yak, Buffalo and Cattle breeds of Pakistan.”
163/2020	Sanko Tekstil Isletmeleri Sanayi Ve Ticaret Anonim Sirketi. Turkey. (Priority 07/06/2019 EP)	“THE SUPPLY OF FILAMENT TO A DRAFTING STAGE OF A RINGSPINNING SYSTEM”
10/03/2020		
164/2020	Dr. Hafiz Muhammad Tahir and Dr. Shaukat Ali Pakistan.	“SF Solubilizer (Silk Fibroin Solubilizer)”
11/03/2020		
165/2020	Muhammad Azhar; Mr. Ali Imran and Muhammad Usman Tahir Pakistan.	“DESIGN OF A VERTICAL DROP WEIGHT IMPACT TESTER”

166/2020	Institute of Space Technology. Pakistan.	"Method for making paper using Hemp"
167/2020	NTC S.R.L., Italy (Priority 11/03/2019 IT)	"REDUCTION OF ANTIBIOTIC DOSAGE IN ANTIBIOTIC /ANTI-INFLAMMATORY COMPOSITIONS COMBINED TOGETHER FOR OPHTHALMIC USE"
168/2020	PFIZER INC. U.S.A. (Priority 15/08/2016 US)	"PHARMACEUTICALLY ACCEPTABLE SALT OF CDK2/4/6 INHIBITORS"
12/03/2020		
169/2020	International Business Machine Corporation. U.S.A.	"LEAKAGE DETECTION AND LOCATION SYSTEM IN AN IRRIGATION NETWORK"
13/03/2020		
170/2020	TOYO ENGINEERING CORPORATION. Japan. (Priority 14/03/2019 JP)	"PROCESS AND APPARATUS FOR UREA PRODUCTION"
171/2020	TOYO ENGINEERING CORPORATION. Japan. (Priority 14/03/2019 JP)	"PROCESS AND APPARATUS FOR UREA PRODUCTION,"
172/2020	LO.LI. PHARMA S.R.L. Italy. (Priority 15/03/2019 IT)	"Treatment of Fibroids with vitamin D and an agent such as Epigallocatechin Gallate (EGCG)"
173/2020	CALICO LIFE SCIENCES, LLC and ABB VIE, INC. U.S.A. (Priority 14/03/2019 US)	"PROTEIN TYROSINE PHOSPHATASE INHIBITORS AND METHODS OF USE THEREOF"

APPLICATION ACCEPTED

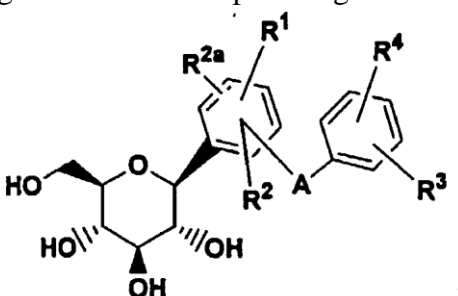
Notice is hereby given that the person interested in opposing the grant of Patents to any of the applications referred to below at any time within four months from the date of this Patents' journal may give notice at the Patent Office on the prescribed Form P-7 of the Patents Rules **18(1) of 2003**.

The six figures number shown in the right hand side are those given to applications on acceptance of the complete specification under which the specification will be printed and subsequent proceeding taken.

The figures shown within square brackets after the title of inventions indicate their classification index at acceptance.

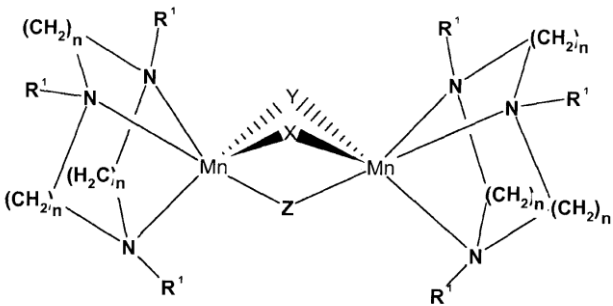
Typed copies of the specification which are to open to public inspection can be supplied by the Patent Office on payment of the prescribed charges which may be ascertained on application to the office.

908/2000	AstraZeneca AB. Sweden.	<p>“C-ARYL GLUCOSIDE AS SGLT2 INHIBITOR”</p> <p>C 07H 17/04</p> <p style="text-align: right;">143475</p> <p>SGLT2 inhibiting compounds are provided having formula(I) where R1, R2, and R2a are independently hydrogen, OH, OR5, lower alkyl, CF3, OCHF2, OCF3, SR5i or halogen, or two of R1, R2 and R2a together with the carbons to which they are attached can form an annelated five, six or seven membered carbocycle or heterocycle; R3 and R4 are independently hydrogen, OH, OR5a, OAryl, OCH2Aryl, lower alkyl, cycloalkyl, CF3, -OCHF2, -OCF3, halogen, -CN, -CO2R5b, -CO2H, -COR6b, -CH(OH)R6c, -CH(OR5h)R6d, -CONR6R6a, -NHCOR5c, -NHSO2R5d, -NHSO2Aryl, Aryl, -SR5e, -SOR5f, -SO2R5g, -SO2Aryl, or a five, six or seven membered heterocycle, or R3 and R4 together with the carbons to which they are attached form an annelated five, six or seven membered carbocycle or heterocycle; R5, R5a, R5b, R5c, R5d, R5e, R5f, R5g, R5h and R5i are</p>
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		<p>independently lower alkyl; R6, R6a, R6b, R6c and R6d are independently hydrogen, alkyl, aryl, alkylaryl or cycloalkyl, or R6 and R6a together with the nitrogen to which they are attached form an annelated five, six or seven membered heterocycle; A is O, S, NH, or (CH₂)_n where n is 0 - 3. A method is also provided for treating diabetes and related diseases employing an SGLT2 inhibiting amount of the above compound alone or in combination with another antidiabetic agent or other therapeutic agent.</p> 
<p>424/2011</p>	<p>AbbVie Ireland Unlimited Company. Bermuda.</p>	<p>“A SOLID COMPOSITION COMPRISING AN ANTI-HCV COMPOUND IN AMORPHOUS FORM”</p> <p>A61K31/00, A61K9/20, A61K9/16 & A61K9/14.</p> <p style="text-align: right;">143476</p> <p>The present invention features a solid composition comprising Compound IA, IB, IC or ID, or a pharmaceutically acceptable salt thereof, in an amorphous form. In one embodiment, Compound IA, IB, IC or ID, or a pharmaceutically acceptable salt thereof, is formulated in an amorphous solid dispersion which comprises a pharmaceutically acceptable hydrophilic polymer and preferably a pharmaceutically acceptable surfactant.</p>
<p>780/2011</p>	<p>BOEHRINGER INGELHEIM INTERNATIONAL GmbH. Germany.</p>	<p>“Humanized anti-IL-23p19 antibody and pharmaceutical composition comprising the same”</p> <p>C07K16/24.</p>

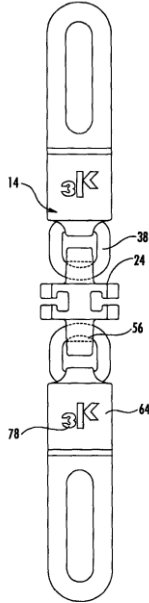
		<p style="text-align: right;">143477</p> <p>The present invention relates to an anti-IL-23p19 antibody, wherein the antibody comprises: a light chain variable region comprising the amino acid sequence of SEQ ID NO:19 (CDR1-L); the amino acid sequence of SEQ ID NO:20 (CDR2-L); and the amino acid sequence of SEQ ID NO-.21 (CDR3-L); and a heavy chain variable region comprising the amino acid sequence of SEQ ID NO: 63, 66, 67 or 68 (CDR1-H); the amino acid sequence of SEQ ID NO:64 (CDR2-H); and the amino acid sequence of SEQ ID NO:65 (CDR3-H). More specifically, it relates to humanized anti-IL-23p19 antibody and Pharmaceutical composition comprising such compound.</p>
<p>548/2012</p>	<p>Stamicarbon B. V. Netherlands.</p>	<p>“UREA PRODUCTION PROCESS” C07C273/04.</p> <p style="text-align: right;">143478</p> <p>The invention relates to a method for urea production and to a urea production plant wherein ammonia emission in the final step of forming urea prills is reduced. In the method, the concentration of a urea solution is performed in at least three consecutive concentration steps and the residence time of urea melt leaving a last concentrator to the prilling tower is minimised. This can be achieved by placing the last concentrator in adjacency with a urea melt inlet of the prilling tower, such as above the prilling tower. In this way, the ammonia emission in the prilling tower can be reduced by as much as 50% compared to the conventional urea production plants. The invention further relates to a method for reducing ammonia emission in the prilling tower of an existing urea production plant.</p>

<p>794/2013</p>	<p>LG LIFE SCIENCES LTD. Rep.of Korea.</p>	<p>“A COMPOSITION FOR PREPARATION OF VISCOELASTIC CROSSLINKED HYALURONIC ACID”</p> <p>C08J3/24, C08K 5/1515 & C08L5/08.</p> <p style="text-align: right;">143479</p> <p>The present invention relates to a composition for preparation of viscoelastic crosslinked hyaluronic acid, and crosslinked hyaluronic acid obtained by using the same, and more specifically to a composition for preparation of viscoelastic crosslinked hyaluronic acid, comprising hyaluronic acid alkaline aqueous solution of 15 to 25 weight % concentration and a crosslinking agent, and having Tan δ value of 0.5 to 1.5 at the frequency of 0.02 to 1 Hz, and crosslinked hyaluronic acid obtained by using the same.</p>
<p>836/2013</p>	<p>SICPA HOLDING SA. Switzerland.</p>	<p>“An oxidatively drying ink comprising oxidative drying varnish and neutral manganese complex compound”</p>

		<p>C09D11/02.</p> <p style="text-align: right;">143480</p> <p>The invention relates to an oxidative drying ink for printing by an offset process, letterpress process or intaglio process on a non-porous substrate selected from the group consisting of polymer materials, composite materials, metals or metalized materials and combinations thereof, said oxidative drying ink comprising at least one oxidative drying varnish and one or more neutral manganese complex compounds having the formula (I)</p>  <p>Wherein R_1, n, X, Y, Z and R_2 are defined in claim 1.</p> <p>The present invention relates to the field oxidative drying ink composition suitable for offset, letterpress and intaglio printing comprising manganese complex compound and an active ingredient.</p>
<p>893/2013</p>	<p>SANOFI. France.</p>	<p>“EXENDIN-4 PEPTIDIC COMPOUND AND PHARMACEUTICAL COMPOSITION THEREOF”</p> <p>C07K14/605 & A61K38/26.</p> <p style="text-align: right;">143481</p> <p>The present invention relates to exendin-4 peptide analogue which activate the glucagon-like peptide 1 (GLP-1) and the glucose-dependent insulinotropic polypeptide (GIP) receptor and optionally the glucagon receptor (GCG). The</p>

		<p>peptidic compound of the present invention is useful in the treatment of disorders of the metabolic syndrome, including diabetes and obesity, as well as reduction of excess food intake.</p>
236/2014	DOW AGROSCIENCES LLC U.S.A.	<p>"4-AMINO-6-(HETEROCYCLIC)PICOLINATE AND 6-AMINO-2-(HETEROCYCLIC)PYRIMIDINE-4-CARBOXYLATE"</p> <p>A01N43/54,C07D401/04 & C07D239/42.</p> <p style="text-align: right;">143482</p> <p>The present invention relates to compound of the Formula (I):</p> <div style="text-align: center;"> <p style="text-align: right;">(I)</p> </div> <p>wherein X, N, R₁, R₂, R₃, R₄, Ar, O and N as defined herein; useful to control undesirable vegetation.</p>
263/2015	Salma Bilal, Anwar-ul-Haq Ali Shah, Bushra Begum and Salma Gul. Pakistan.	<p>"Binder Free High-Performance Supercapacitor Electrode Based on Intrinsically Conducting Polymer"</p> <p>C08G73/02.</p> <p style="text-align: right;">143483</p> <p>The present invention relates to supercapacitor electrode comprising of an intrinsically conducting polymer in contact with a current collector permeated with an electrolyte, which may be either acidic or neutral. Wherein the intrinsically conducting polymer is polyaniline (PANI) co-doped with sulfuric acid (H₂SO₄) and dodecylbenzenesulfonic acid (DBSA). The supercapacitor electrode is made by dispersing the intrinsically conducting polymer in mixture of 2-</p>

		<p>propanol and toluene, coating it on the surface of electrode without any binder. Wherein the supercapacitor electrode has long term cycling stability of more than 6400 cycles, high specific capacitance, energy density and power density. The invention solves technical problems of unsafe use, low specific capacitance, low energy density, inability of performing high-current charging and discharging and short cycle life in existing products and methods.</p>
515/2016	GlaxoSmithKline LLC. U.S.A.	<p>“BIOPHARMACEUTICAL COMPOSITIONS”</p> <p style="text-align: right;">143484</p> <p>The present disclosure relates to compositions, for treating interleulcin 5 (IL-5) mediated diseases, and related methods.</p>
185/2017	Shah Technologies LLC. U.S.A.	<p>“A METAL SLIDE ASSEMBLY FOR A ZIPPER”</p> <p>B21D53/54, A44B19/26 & A44B19/42.</p> <p style="text-align: right;">143485</p> <p>The present invention discloses a metal slide assembly for a zipper, and a method for manufacturing a zipper slide assembly. The slider assembly is formed in a single die cast operation to include the slider and the pull member being formed simultaneously. Whereby the bridge and pull loop are formed with their full geometric shape and without converging flat surfaces caused by tooling limitations found in the prior art.</p>

		
<p>198/2017</p>	<p>Department of Chemistry. Pakistan.</p>	<p>“ADVANCED OXIDATION METHOD FOR DE-COLORATION OF THE DYE WASTEWATER THROUGH MnO₄/TiO₂ PROCESS”</p> <p>C02F9/00 & C02F1/00.</p> <p style="text-align: right;">143486</p> <p>A new advanced oxidation method for de-coloration of the dye wastewater was developed using MnO₄/TiO₂ process. The objectives of this invention were to investigate the possibility of recycling of dye effluent in continuous dyeing of 100% cotton, silk, and chiffon. The developed process tested with dye wastewater prepared at laboratory scale and applied at dye waste collected from dye center showed equal validation to both systems. The recovery of water was 95%. This method can comprehend complete color removal of the dye wastewater leading to mineralization couple with change in oxidation state of Mn from + 7 to +2. The method can also improve BOD₅/COD ratio from lower than 0.01 to higher than 0.1, which means that this method can be used not only for high-efficient decolorization of dye wastewater, but also as a preliminary step of utilization of dye wastewater after its recycling. The new developed method</p>

		<p>proves very cost effective and eco-friendly.</p>
<p>482/2019</p>	<p>Quaid-I-Azam University (QAU) and COMSATS University. Pakistan.</p>	<p>“Novel ferrocenyl derived aroyl thiourea and preparation thereof”</p> <p>B01J31/22, C04B35/571 & C08G79/00.</p> <p style="text-align: right;">143487</p> <p>The present invention relates to a compound of formula (I),</p> <p style="text-align: center;">(I)</p> <p>and process of synthesis thereof.</p>

SEALING FEES DUE

Notice is hereby given that the Patent may now be sealed on the application referred to below if it is desired that Patent should be sealed a request on the prescribed Form-10 accompanied by the fee of **Rs.6750/-** should be sent to the Controller of Patents and Designs, The Patent Office, Karachi.

Accepted No.	Applicant Name	Application No.
143410	High Sealed and Coupled "HSC" FZCO. U.A.E.	222/2011
143411	BAYER PHARMA AKTIENGESELLSCHAFT. Germany.	164/2012
143412	Regeneron Pharmaceuticals, Inc. U.S.A.	61/2013
143413	SANOFI. France	196/2013
143414	DOW AGROSCIENCES LLC. U.S.A.	234/2014
143415	LES LABORATOIRES SERVIER. France.	67/2015
143416	PFIZER INC. U.S.A.	361/2015
143417	Evonik Degussa Gmbh. and Evonik Specialty Chemicals (Shanghai) Co., Ltd., Germany.	123/2016
143418	HONDA MOTOR CO., LTD. Japan.	428/2016
	SANOFI.	479/2016

143419	France.	
143420	HONDA MOTOR CO., LTD. Japan.	173/2017
143421	PFIZER INC. U.S.A.	184/2017
143422	DR.S.M.HASAN. Pakistan.	263/2017
143423	Dr.S.M.HASAN. Pakistan.	264/2017
143424	PFIZER INC. U.S.A.	307/2017
143425	CHINA XD ELECTRIC CO., LTD China.	676/2017
143426	PFIZER INC., U.S.A.	664/2019
143427	DOW AGROSCIENCES LLC, U.S.A.	782/2019
143428	DOW AGROSCIENCES LLC, U.S.A.	784/2019
143429	ELI LILLY AND COMPANY U.S.A.	93/2019
143430	IRM LLC. Bermuda.	921/2011
143431	SYNGENTA PARTICIPATIONS AG, Switzerland.	478/2014
	Sana Zulfiqar	447/2015

143432	& Dr. Uzaira Rafique. Pakistan.	
143433	BAYER PHARMA AKTIENGESELLSCHAFT. Germany.	469/2015
143434	PFIZER INC. U.S.A.	651/2017
143435	PFIZER INC., U.S.A.	13/2020
143436	Eisai R&D Management Co., Ltd. Japan.	672/2012
143437	EISAI R & D Management Co., Ltd. Japan.	353/2013
143438	AMSTED Rail Company, Inc., U.S.A.	525/2013
143439	CESA ALLIANCE S.A. Luxembourg.	915/2013
143440	DOW AGROSCIENCES LLC, U.S.A.	923/2013
143441	Mattawa Industrial Services Inc. Canada	617/2014
143442	GENENTECH, INC U.S.A.	70/2015
143443	BASF SE Germany.	159/2015
143444	Monsanto Technology LLC. U.S.A.	632/2015

143445	Saint-Gobain Placo SAS. France.	750/2015
143446	Eisai R&D Management Co., Ltd. Japan.	458/2016

NEW APPLICATIONS FOR THE INDUSTRIAL DESIGNS

S. No.	Design No.	Title & Class	Applicant
<u>09/03/2020</u>			
1.	20361	Plastic Bottle (Class-03)	W.Woodward Pakistan (Pvt.) Ltd.,
2.	20362	Plastic Bottle (Class-03)	W.Woodward Pakistan (Pvt.) Ltd.,
3.	20363	Plastic Bottle (Class-03)	W.Woodward Pakistan (Pvt.) Ltd.,
<u>10/03/2020</u>			
4.	20364	PAK SIMBA (CLASS-5)	ARSHAD ALI S/O LIAQUAT ALI

REGISTRATION OF DESIGNS

The following designs have been registered.

S. No.	Design No.	Title & Class	Applicant
<u>10/03/2020</u>			
1.	19426	uPvc STRIP FOR SPIRO PIPE (Class-03)	M/S ZAKA SONS
2.	19559	INHALER (Class-03)	CHIA TAI TIAZQING PHARMACEUTICAL GROUP CO., LTD.
3.	19593	PIPE FILINGS REUSEABLE (Class-03)	M/S ZAKA SONS
4.	19623	SHARPENER (Class-03)	Abrar Ahmed, M/s. National Cottage Industries
5.	19647	MOTORCYCLE (Class-01)	HONDA MOTOR CO., LTD.
6.	19664	Mosquito Net (Class-12)	BASF SE,
7.	19665	Mosquito Net (Class-12)	BASF SE,
8.	19666	Mosquito Net (Class-12)	BASF SE,
9.	19831	Electrophoresis Equipment (Class-03)	Dr. SUHAIB AHMED
10.	19833	Plastic Can (Class-03)	M/s. Pakistan Grease & Oil Company
11.	19883	FRONT BUMPER FOR AN AUTOMOBILE (Class-03)	HONDA MOTOR CO., LTD.
12.	19902	Mobile phone (Class-12)	HMD Global Oy
13.	19916	Packaging Box (for Battery) (Class-05)	Toshiba Lifestyle Products & Services Corporation
14.	19963	Plastic Bottle (Class-03)	M/s. SHANGRILA (PRIVATE) LIMITED
15.	19969	Balalaika (Class-03)	M/s MID. East Mfg.
16.	19975	FIGURINE HANDLE BRASS (Class-01)	M/s. ZEH CREATIONS
17.	19976	DESIGNER HANDLE BRASS (CLASS-01)	M/s. ZEH CREATIONS
18.	19977	DESIGNER HANDLE BRASS (Class-01)	M/s. ZEH CREATIONS
19.	19978	PEN (Class-03)	Dollar Industries Pakistan
20.	19979	PEN (Class-03)	Dollar Industries Pakistan
21.	19982	Suture Free Strip Bond Patch For Suture-less Wound Closure (Class-03)	Dr. Nosheen, Usman Ashraf, Syed Mohsin Ali and Dr. Aamir Mubashar
22.	19983	BOXING GLOVES (Class-06)	LOFAS SPRINT S.r.l. (Limited Liability Company)
23.	19985	BOXING GLOVES (Class-06)	LOFAS SPRINT S.r.l. (Limited Liability Company)

24.	19986	BOXING GLOVES (Class-06)	LOFAS SPRINT S.r.l. (Limited Liability Company)
25.	19991	Sewing Machine (Class-01)	Asil Grup Makina Sanayi ve dis Ticaret Limited Sirketi
26.	20021	Tweezer (Class-01)	Zona Industries
27.	20025	Tweezer (Class-01)	Zona Industries
28.	20026	Tweezer (Class-01)	Zona Industries
29.	20028	PEN (Class-03)	Dollar Industries Pakistan
30.	20029	AIR-CONDITIONERS (Class-03)	Daikin Research & Development Malaysia Sdn Bhd
31.	20035	PILL (Class-12)	Novo Nordisk A/S
32.	20056	Jamaat Tabdeeli Panel (Class-03)	MRS. HUMAIRA ZUBAIR
33.	20083	Actuator of Exoskeleton Hand (Class-03)	Muhammad Hamza Asif Nizami, Abdul Rehman, Hamza Butt, Muhammad Hamza Javed, Yasar Ayaz and Muhammad Jawad Khan
34.	20085	Sixth Finger Actuator (Class-03)	Muhammad Hamza Asif Nizami, Abdul Rehman, Hamza Butt, Muhammad Hamza Javed, Yasar Ayaz and Muhammad Jawad Khan
35.	20101	FUEL TANK MOTOR BIKE (Class-01)	EIFFEL INDUSTRIES LIMITED
36.	20102	SIDE COVERS MOTOR BIKE (Class 1)	EIFFEL INDUSTRIES LIMITED
37.	20108	Plastic Bottle (Class-03)	MUHAMMAD RIZWAN
38.	20109	Plastic Bottle (Class-03)	MUHAMMAD RIZWAN
39.	20197	PLASTIC CAP (Class-03)	DR. ZIA HOMOEOPATHIC PHARMA & PHARMACEUTICALS
40.	20199	Bottle (Class-03)	Syed Muhammad
<u>12/03/2020</u>			
41.	19891	Interlocking Block (Class-04)	Raffey Ismail Khan
<u>13/03/2020</u>			
42.	19906	SHARPENER (Class-03)	Abrar Ahmed, M/s. National Cottage Industries
43.	19987	BOXING GLOVE (Class-6)	LOFAS SPRINT S.r.l.
44.	19989	BOXING GLOVE (Class-6)	LOFAS SPRINT S.r.l.

-sd-
(Dr. Muhammad Fayyaz Ahmad)
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 & Registrar of Designs
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