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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.

21/10/2019		
701/2019	Novartis AG and Intellia Therapeutics Inc. U.S.A. (Priority 26/10/2018 US)	“METHODS AND COMPOSITIONS FOR OCULAR CELL THERAPY”
702/2019	Crown FIT Pakistan (Pvt.) Ltd, Pakistan.	“Puncture Free Tube/ Tyre”
22/10/2019		
703/2019	ARAGON PHARMACEUTICALS, INC. U.S.A. (Priority 15/01/2013 US)	“ANDROGEN RECEPTOR MODULATOR AND USES THEREOF”
704/2019	SYNGENTA CROP PROTECTION AG, Switzerland. (Priority 24/10/2018 IN)	“PESTICIDALLY ACTIVE HETEROCYCLIC DERIVATIVES WITH SULFOXIMINE CONTAINING SUBSTITUENTS”
705/2019	Dr. Assad Farooq, Assistant Professor (Fibre and Textile Technology); Farida Irshad, Lecturer (Fiber andTextile Technology) and Dr. Khurram Tariq, Pakistan.	“Method of intelligently prognosticating the shade change of dyed knitted fabric after finish application”

23/10/2019		
706/2019	ELI LILLY AND COMPANY. U.S.A. (Priority 01/11/2018 US)	“PROTEIN TYROSINE-TYROSINE ANALOGS AND METHODS OF USING THE SAME”
707/2019	National University of Sciences & Technology, Pakistan.	“Test Bench for Pipe Network Analysis”
708/2019	National University of Sciences and Technology, Pakistan.	“SMART ASSISTIVE DEVICE FOR NUTRITION MONITORING AND CONTROL OF CHRONIC DIALYSIS PATENTS”
24/10/2019		
709/2019	University of Veterinary and Animal Sciences (UVAS). Pakistan.	“Method for Preservation of Flavor in Fruit Juices using High Pressure Processing Technology”
710/2019	Farrukh Usman. Pakistan.	“A Safe Peritoneal Dialysis Machine”
711/2019	Eisai R&D Management Co., Ltd. Japan. (Priority 26/10/2018 JP)	“DOUBLE-STRANDED RIBONUCLEIC ACID CAPABLE OF SUPPRESSING EXPRESSION OF COMPLEMENT C5”
712/2019	FERRING B.V., Netherlands (Priority 25/01/2018 FR)	“MINIATURIZED DEVICE FOR AUTOMATED MANUFACTURING OF PHARMACEUTICAL COMPOSITIONS, AND ASSOCIATED METHOD”

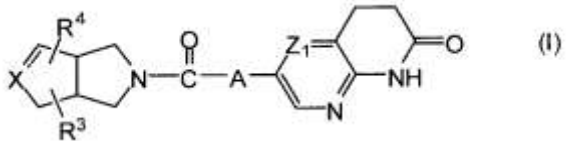
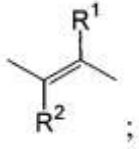
APPLICATION ACCEPTED

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.

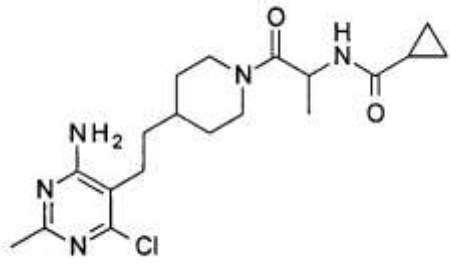
Typed copies of the specification which are to open to public inspection can be supplied by the Patent Office on payment of the prescribed charges which may be ascertained on application to the office.

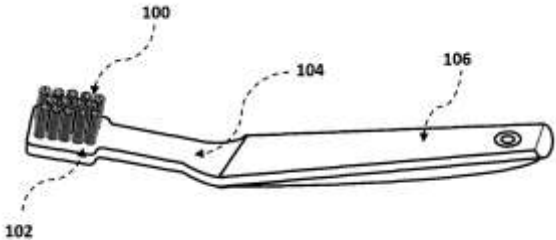
<p>530/2012</p>	<p>JANSSEN SCIENCES IRELAND UC, Ireland.</p>	<p>“ANTIBACTERIAL CYCLOPENTA[C]PYRROLE SUBSTITUTED 3,4 DIHYDRO -1H- [1,8] NAPHTHYRIDINONES”</p> <p>C07D487/04 & C07D471/04.</p> <p style="text-align: right;">143329</p> <p>The present invention is related to a novel compound of formula (I)</p> <div style="text-align: center;">  <p>(I)</p> </div> <p>wherein</p> <div style="text-align: center;">  </div> <p>A represents $-C\equiv C-$ or</p>
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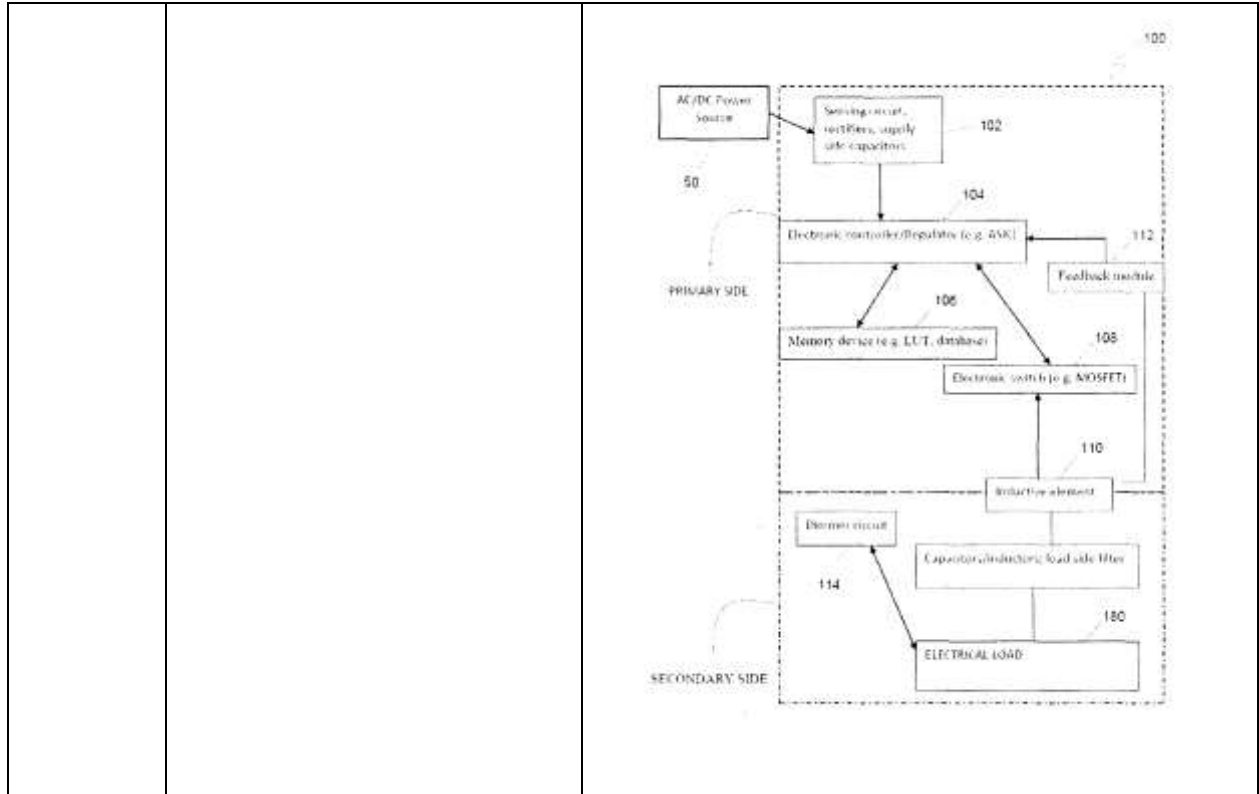
		<p>the --- bond represents a single bond or a double bond, Z_1 represents CH or N; X represents carbon or nitrogen, and when X represents nitrogen then the --- bond represents a single bond; R^1 is hydrogen, C_{1-4}alkyl or halo; R^2 is hydrogen, C_{1-4}alkyl or halo; R^3 is hydrogen, C_{1-6}alkyl, hydroxy or halo; R^4 is hydrogen; halo; C_{1-6}alkyl; C_{2-6}alkenyl; C_{2-6}alkynyl; C_{1-6}alkyloxy; C_{1-4}alkyloxycarbonyl; aminocarbonyl; mono- or di(C_{1-4}alkyl)-aminocarbonyl; aryl; aryloxy; arylcarbonyl; arylsulfonyl; heteroaryl; C_{1-6}alkyl substituted with cyano; C_{1-6}alkyl substituted with aryl or aryloxy; or C_{1-6}alkyl substituted with heteroaryl; aryl is phenyl; phenyl substituted with one, two or three substituents each individually selected from halo, hydroxy, C_{1-4}alkyl, C_{1-4}alkyloxy, polyhaloC_{1-4}alkyl, polyhaloC_{1-4}alkyloxy, cyano, nitro, and amino; heteroaryl is furanyl, thiophenyl, pyrrolyl, pyrazolyl, imidazolyl, isoxazolyl, thiazolyl, triazolyl, tetrazolyl, isothiazolyl, thiadiazolyl, oxadiazolyl, pyridinyl, pyridazinyl, pyrimidinyl, pyrazinyl, benzo[1,3]dioxolyl, benzofuranyl, benzothiazolyl, indolyl, 2,3 -dihydro- 1 H-indolyl, tetrahydrothiophenyl, or quinolinyl, wherein each heteroaryl may be substituted with one or two substituents each independently selected from halo, cyano, C_{1-4}alkyl, C_{1-4}alkyloxy, C_{1-4}alkylcarbonyl, or phenyl; that inhibits the activity of the fatty acid biosynthesis enzyme (FabI enzyme) which is therefore useful in the treatment of bacterial infections. It further relates to a pharmaceutical composition comprising the compound, and a chemical process for preparing the compound.</p>
149/2013	Sanofi. France.	<p>“ANTIBODY TO KALLIDIN AND DES-ARG10-KALLIDIN” C07K 16/26, C07K7/18 & A61K 39/395.</p>

		<p style="text-align: right;">143330</p> <p>The present invention provides an antibody or antigen-binding fragment thereof that specifically binds to Kallidin or des-Arg₁₀-Kallidin, and methods for making and generating the antibody or antigen-binding fragment. Nucleic acids encoding Kallidin or des-Arg₁₀-Kallidin antibody are also provided. The present invention further provides a pharmaceutical composition comprising the antibody or antigen binding fragment thereof along with a pharmaceutically acceptable carrier which is useful in treating a Kallidin or des-Arg₁₀-Kallidin associated disease or disorder.</p>
<p>77/2014</p>	<p>Dr. Murtaza Najabat Ali & Zainab Munib. Pakistan.</p>	<p>“Auxetic Intramedullary Bone Stent and a Method for Treating Long Bone Fractures”</p> <p>A47C23/002.</p> <p style="text-align: right;">143331</p> <p>The present invention provides an Auxetic structure, including an Auxetic film and tubular stent for long bone fractures that is implanted into the medullary canal, where it spans the fracture site, providing stability and compression. The device is constructed from an Auxetic material and comprises of a plurality of unitcells. Each unitcell comprises of six triangles connected in such a manner that creates a hollow star (three-pointed) shape at the center of each unitcell. The stars are connected through their vertices via flexible hinges creating a structure of rigid rotating triangles. An array/pattern is created by repeating the connection of unitcells in both vertical and horizontal directions. The Auxetic nature (materials with negative value of Poisson's ratio) of the stent allows the expansion of the structure in both radial and longitudinal</p>

		<p>directions. The Auxetic system can be made from similar dimensions or a connection of different sized triangles to achieve a wide range of Poisson's ratio values. The three-dimensional Auxetic film used to manufacture seamed Auxetic stents, whereas seamless fabrication of the Auxetic stent is also disclosed.</p>
171/2014	<p>Regeneron Pharmaceuticals, Inc. U.S.A.</p>	<p>“ANTIBODY THAT SPECIFICALLY BIND TO RESPIRATORY SYNCYTIAL VIRUS F PROTEIN (RSV-F) AND PHARMACEUTICAL COMPOSITION THEREOF”</p> <p>C07K16/08, C07K16/10 & A61K39/395.</p> <p style="text-align: right;">143332</p> <p>The present invention provides an antibody or antigen-binding fragment thereof that binds specifically to RSV-F, wherein the antibody or antigen-binding fragment comprises the three heavy chain CDRs (HCDR1, HCDR2 and HCDR3) contained within a heavy chain variable region (HCVR) amino acid sequence selected from the group consisting of SEQ ID NO: 2, 18, 34, 50, 66, 82, 98, 114, 130, 146, 162, 178, 194, 210, 226, 242, 258, 274, 290, 306, 322 and 338; and comprises the three light chain CDRs (LCDR1, LCDR2 and LCDR3) contained within a light chain variable region (LCVR) amino acid sequence selected from the group consisting of SEQ ID NOs: 10, 26, 42, 58, 74, 90, 106, 122, 138, 154, 170, 186, 202, 218, 234, 250, 266, 282, 298, 314, 330 and 346.</p> <p>The antibody of present invention is therapeutically effective for preventing and treating a respiratory syncytial virus (RSV) infection, or at least one symptom associated with the RSV infection.</p>
779/2014	<p>ELI LILLY AND COMPANY. U.S.A.</p>	<p>“GHRELIN O-ACYL TRANSFERASE INHIBITOR”</p> <p>C07D401/06, A61K31/506 & A61P3/00.</p>

		<p style="text-align: right;">143333</p> <p>The present invention provides a compound of formula:</p>  <p>The present invention further provides a pharmaceutical composition comprising claimed compound and one or more pharmaceutically acceptable carriers, diluents, or excipients. The compound of present invention is an inhibitor of ghrelin O-acyl transferase (GOAT) and effective to treat diseases related to the GOAT activity such as obesity and type 2-diabetes.</p>
<p>127/2017</p>	<p>Amjad Qayyum Babar. Pakistan.</p>	<p style="text-align: center;">“TOOTHPASTE FREE TOOTHBRUSH”</p> <p style="text-align: right;">143334</p> <p>The present invention discloses a toothbrush with bristles having properties of MISWAK. This toothpaste free toothbrush have two main embodiments including one flat base and arrangement of bristles on the base. The base has two ends comprising first end is a long flat handle and second end is a flat head, joined by narrow neck. The head has a number of erected bristles arranged in groups and rows. The erected bristles of the toothbrush are flexible and is made up of a novel composition of ceramic and fine powder of the different parts of selected plants. The plant's parts may include bark, branch, twig or root of a plant commonly known as MISWAK. This organic MISWAK toothbrush has the all the qualities and features required for the protection</p>

		<p>and cleansing of teeth like chloride, fluoride, silica, vitamin C, plaque removers, tartar control and antiginivitis etc. This toothbrush can be used frequently in a day with or without toothpaste.</p> 
<p>547/2018</p>	<p>OPULENT ELECTRONICS INTERNATIONAL PTE. LTD. Singapore.</p>	<p>“DEVICE AND METHOD FOR PROVIDING AN ELECTRICAL CURRENT TO AN ELECTRICAL LOAD”</p> <p>H02M7/68 & H05B37/02.</p> <p style="text-align: right;">143335</p> <p>A device and a method for providing an electrical current to an electrical load is disclosed. In particular, the device comprises a memory storage device for storing a plurality of ideal voltage waveforms; an electronic controller arranged in data communication with the memory storage device, the electronic controller operable to select one of the plurality of ideal voltage waveforms to compute a reference voltage and a switching period based on a predetermined rule; and an electronic switch arranged to receive the switching period to switch the electronic switch between an on state and an off state, wherein the electrical current is calculated based on a function of the reference voltage and the switching period of the electronic switch.</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.
143168	MIDREX TECHNOLOGIES, INC. U.S.A.	261/2012
143169	DOW AGROSCIENCES LLC, U.S.A.	15/2013
143170	CASALE SA, Switzerland.	30/2013
143171	Oerlikon Textile Components GmbH. Germany.	89/2013
143172	DOW AGROSCIENCES LLC. U.S.A.	91/2013
143173	SICPA HOLDING SA. Switzerland.	160/2013
143174	MERCK PATENT GmbH. Germany.	548/2013
143175	PFIZER INC. U.S.A.	103/2017
143176	FLSmidth A/S. Denmark.	453/2013

143177	PREGNA INTERNATIONAL LIMITED. India.	111/2015
143178	Portals De La Rue Limited. United Kingdom.	730/2015
143179	LAKSHMI MACHINE WORKS LTD. India.	469/2016

CORRIGENDUM

In the Gazette of Pakistan Part-V issued dated **16-10-2019**, under the Heading "**APPLICATION ACCEPTED**". The following correction are as under :-

APPLICATION NO. 143276 (221/2014)
(Change in Applicant's Name only)

For : ProMetic BioSciences Inc.

Read : PROMETIC PHARMA SMT LIMITED.

NEW APPLICATIONS FOR THE INDUSTRIAL DESIGNS

Design No.	Title & Class	Applicant
<u>22/10/2019</u>		
20108	Plastic Bottle (Class-03)	MUHAMMAD RIZWAN
20109	Plastic Bottle (Class-03)	MUHAMMAD RIZWAN
20110	Joggers including Boots (Class 25)	LEPA SHOES
20111	Bottle (Class-03)	AB Solution,
20112	Bottle (Class-03)	AB Solution,
20113	Fiber Glass Elegant Single Cabin Canopy	Razmak Industries (Marks), Peshawar
<u>23/10/2019</u>		
20114	MOBILE PHONE (Class-03)	VIVO MOBILE COMMUNICATION CO., LTD.,
<u>24/10/2019</u>		
20115	ERASER (Class-03)	Abrar Ahmed, M/s. National Cottage Industries
20116	ERASER (Class-03)	Abrar Ahmed, M/s. National Cottage Industries
20117	FRONT BUMPER FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO., LTD.
20118	REAR COMBINATION LAMP FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO.
20119	FRONT COMBINATION LAMP FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO.
20120	FRONT DOOR LINING FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO.
20121	HOOD FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO.
20122	FRONT COMBINATION LAMP FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO.
20123	GRILL FOR AN AUTOMOBILE (Class-Null)	HONDA MOTOR CO.

20124	GRILL FOR AN AUTOMOBILE (Class- Nil)	HONDA MOTOR CO.
20125	REAR BUMPER FOR AN AUTOMOBILE (Class-Nil)	HONDA MOTOR CO.
20126	INSTRUMENT PANEL FOR AN AUTOMOBILE (Class-Nil)	HONDA MOTOR CO.
20127	REAR BUMPER FOR AN AUTOMOBILE (Class-Nil)	HONDA MOTOR CO.
20128	AUTOMOBILE (Class-Nil)	HONDA MOTOR CO.

REGISTRATION OF DESIGNS

The following designs have been registered.

S. No.	Design No.	Title & Class	Applicant
<u>23-10-2019</u>			
1.	19497	Gears (Class-01)	Flender GmbH
2.	19850	Semi-Passive Upper Body Orthotic Device (Class-01)	Syed Aized Raza Naqvi, Dr. Umer Ansari, Palwasha Kifayat, Hina Nayab
3.	19853	Hypersonic Space transportation System (Class-01)	Engr. Ali Sarosh
<u>24-10-2019</u>			
4.	19162	HOT POT (Class-03)	SHOAIBEE INDUSTRIES
5.	19161	HOT POT (Class-03)	SHOAIBEE INDUSTRIES
6.	19707	Two DOF Adjustable Metal Strip Feeding Device (Class-01)	Saheeb Ahmed Kayani
<u>25-10-2019</u>			
7.	19820	LEAD PENCIL (Class-03)	Mr. Jamal Uddin Feroz

-sd-

(Dr. Muhammad Fayyaz Ahmad)
 Controller of Patents
 & Registrar of Designs
Ph: 99230591