



# **Electronic Publication of Patents Journal under The Patents (Amendments) Act, 2016**

Weekending:- 16-11-2018

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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.

<b>12-11-2018</b>		
763/2018	MERCK SHARP & DOHME CORP., USA (Priority 14-11-2017 US)	“NOVEL SUBSTITUTED Biaryl COMPOUNDS AS INDOLEAMINE 2,3-DIOXYGENASE (IDO) INHIBITORS”
<b>13-11-2018</b>		
764/2018	CASALE SA, Switzerland (Priority 16-11-2017 EP)	“A METHOD AND SYSTEM FOR MEASURING A LIQUID LEVEL IN A PRESSURE VESSEL OF A UREA SYNTHESIS PLANT”
765/2018	Uzair Hussain Lahore- Pakistan	“Smart Mirror by Mi-novation”
<b>14-11-2018</b>		
766/2018	XEDA INTERNATIONAL S.A. FRANCE (Priority 15-11-2017 FR)	“Process and assembly for the treatment of the atmosphere of a storage of plant products with high relative humidity”
767/2018	RHYTHM PHARMACEUTICALS, INC. USA (Priority 15-11-2017 US)	“SUSTAINED RELEASE PEPTIDE FORMULATIONS”
768/2018	Novus International, Inc., USA	“Compositions and Methods Of Improving Dietary Phosphorus And

	(Priority 17-11-2017 US)	Calcium Utilization In Animals”
769/2018	COMSATS University Islamabad Islamabad - Pakistan	“Hydrogel dressing and preparation thereof”
<b>15-11-2018</b>		
770/2018	BAYER AKTIENGESELLSCHAFT Germany BAYER PHARMA AKTIENGESELLSCHAFT Germany THE BROAD INSTITUTE INC., USA (Priority 17-11-2017 US)	“MACROCYCLIC CHLORINE SUBSTITUTED INDOLE DERIVATIVES”
771/2018	BAYER AKTIENGESELLSCHAFT Germany BAYER PHARMA AKTIENGESELLSCHAFT Germany THE BROAD INSTITUTE INC., USA (Priority 17-11-2017 US)	“SUBSTITUTED MACROCYCLIC INDOLE DERIVATIVES”
772/2018	THE BROAD INSTITUTE INC., USA BAYER AKTIENGESELLSCHAFT Germany BAYER PHARMA AKTIENGESELLSCHAFT Germany (Priority 17-11-2017 US)	“MACROCYCLIC INDOLE DERIVATIVES”
773/2018	MUBIN MUSTAFA TARIQ MAHMOOD SYED ALI IMRAN ASGHARI BANO University of Wah Wah Cantt	“Improved method for the Nanocurcumin mediated control of osteoarthritis and other ailments”

	Islamabad - Pakistan	
774/2018	MERCK SHARP & DOHME CORP., USA (Priority 17-11-2017 US)	“ANTIBODIES SPECIFIC FOR IMMUNOGLOBULIN-LIKE TRANSCRIPT 3 (ILT3) AND USES THEREOF”
775/2018	LG CHEM, LTD. Korea (Priority 16-11-2017 KR)	“HERBICIDAL COMPOSITION”
776/2018	LG CHEM, LTD. Korea (Priority 16-11-2017 KR)	“LIQUID HERBICIDAL COMPOSITION”
777/2018	LG CHEM, LTD. Korea (Priority 16-11-2017 KR)	“LIQUID HERBICIDAL COMPOSITION”
<b>16-11-2018</b>		
778/2018	Dr. Tariq Javaid Engr. Muhammad Abdul Basit Ayubi Tabiba Syma Ghyas Dr. Vali Uddin Engr. Hina Iftikhar Engr. Tayyaba Khalid Hamdard University Karachi - Pakistan	“Vital Signs Measurement System”
779/2018	Saif Ullah Islamabad – Pakistan	“Hydrotherapy Massage Apparatus for Foot Pain Treatment
780/2018	Jinnah University for Women Karachi – Pakistan	“PROCESS”

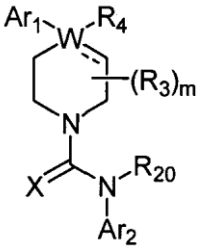
**APPLICATION ACCEPTED**

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.

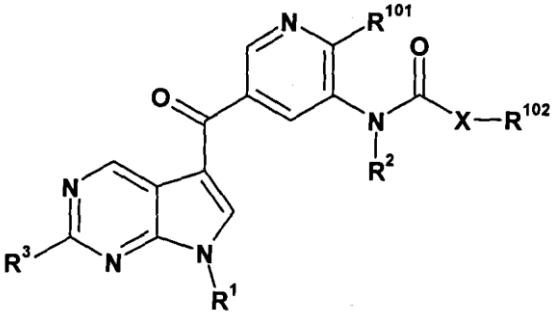
The figures shown within square brackets after the title of inventions indicate their classification index at acceptance.

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.

444/2008	1) Purdue Pharma L.P. USA 2) Shionogi & Co., Ltd. Japan.	<p>“TRPVI COMPOUND”</p> <p>A61K31/4545, A61P23/00, C07D213/00, C07D401/04,C07D401/14,C07D417/12 &amp; C07D417/14.</p> <p style="text-align: right;"><b>142947</b></p> <p>The invention relates to compound formula I:</p> <div style="text-align: center;">  <p>(I)</p> </div> <p>composition comprising an effective amount of a compound of formula I or a pharmaceutically acceptable derivative thereof.</p>
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		activity against p-nitrophenyl substrates and cellobiose. Because of its high thermostability, activity and apparent resistance against heavy metal ions, this enzyme may be a potential candidate for applications to convert lignocellulosic biomass to biofuels and various industrial applications.
125/2012	1) AbbVie Ireland Unlimited Company USA 2) Enanta Pharmaceuticals, Inc. USA	<p>“MACROCYCLIC HEPATITIS C SERINE PROTEASE INHIBITOR”</p> <p>A61K38/00.</p> <p style="text-align: right;"><b>142950</b></p> <p>The present invention relates to novel macrocyclic compounds and methods of use thereof. The present invention further relates to pharmaceutical compositions comprising the compounds of the present invention, or pharmaceutically acceptable salts, esters, or prodrugs thereof, in combination with a pharmaceutically acceptable carrier or excipient.</p>
219/2012	PFIZER LIMITED Great Britain.	<p>“PYRROLO[2,3-d]PYRIMIDINE TROPOMYSIN-RELATED KINASE INHIBITOR”</p> <p>C07D487/04.</p> <p style="text-align: right;"><b>142951</b></p> <p>The present invention relates to a compound of Formula (I)</p>

		 <p style="text-align: center;">(I)</p> <p>,wherein the substituents are as described in the specification, and a pharmaceutical composition comprising such compound for use as Trk antagonist.</p>
<p>806/2013</p>	<p>1) Dr. Zahra Yaqeen, PSO.                  2) Dr. Nighat Sultana, PSO.                  3) Dr. Nudrat Fatima, SSO.                  4) Dr. Tehmina Sohail, SSO.                  5) Dr. Hina Imran, MO and                  6) Dr. Atiq-ur-Rehman                  Karachi - Pakistan.</p>	<p>“A PROCESS FOR THE PREPARATION OF HERBOL PILE CURE OINTMENT WITH ACTIVE INGREDIENT OCIMUM SANCTUM THROUGH MILESTONE START-E ATC-400 MICROWAVE EXTRACTOR SYSTEM”</p> <p style="text-align: right;"><b>142952</b></p> <p>This "Herbol pile cure ointment" contains maximum allowable concentration of active ingredients Ocimum sanctum leaves, Azadirachta indica leaves and seeds, Calendula officinale flower, Castor oil, pumpkin seed oil, apricot oil, while glycerin, white petrolatum jelly is added as inactive ingredient. It was observed that this product is an economical remedy for pile cure. It was observed that this product is not only effective as pile cure remedy but also effective for skin disorders, in membrane rashes, insect bites and itching.</p> <p>Herbol pile cure ointment is a complex system formulated through a combination of base, consisting of white wax (Softener/nourishing agent), white petrolatum jelly (white petrolatum is a purified mixture of semisolid hydrocarbons obtained from petroleum, wholly or nearly decolorized. It is a topical ointment for healing purpose. Its folklore medicinal value is as a "cure all" and is recognized by the U.S. Food and drug</p>

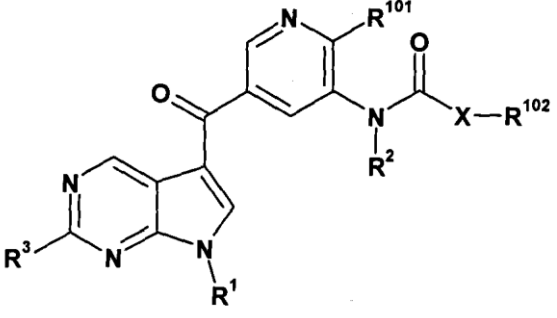


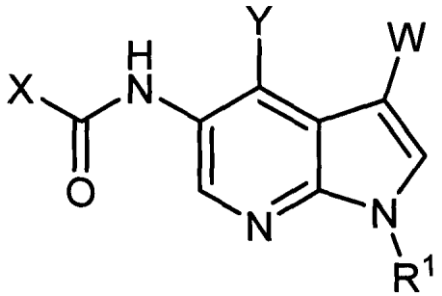
		<p>administration as an approved over-the-counter Skin protecting and remains widely used in cosmetic skin care) and glycerin (Softener/nourishing agent).</p> <p>The medicinal plants selected for this formulation are beneficial for indigestion, intestinal parasites and constipation. These plants also possess many pharmacological activities such as, anti-inflammatory, analgesic, antihistaminic, antiallergenic, antidermatic, antiprotozoal, antipyretic, antifungal, antibacterial, emollient, anthelmintic and antiseptic. Due to these properties, their external application on swollen parts helps to diminish swelling and pain. This remedy was tried clinically, with very remarkable results. This invention relates to the formulation of an economical, herbal and effective Product based on the (Ocimum sanctum leaves, Azadirachta indica leaves/seeds and Calendula officinale. These plants extract has been used in folk medicines from ancient time and its activity for skin is also reported but here we report for the first time the use of Calendula officinale flower, Ocimum sanctum leaves extract for fissures and pile cure remedy obtained by Milestone Start- E ATC-400 microwave extractor method. These plants seed/ flower extract has been used in folk medicines from ancient time and its anti-inflammatory activity is also reported but here we report the use of pure oil from Ocimum sanctum leaves and Calendula officinalis flower obtained by specific extraction method. Our methodology is in contrast with the known products. We used Calendula officinalis and Ocimum sanctum leaves extract through specific extraction method by applying technical advancement, and the result of our product is comparatively more effective (see table I). Our process is experimented about four times from the small to higher concentration of active ingredients and finally we achieved the desired concentration of active ingredients.</p> <p>The ingredient i.e. Ocimum sanctum leaves (tulsi) is the main active component of the product used in pile cure formulation for the first time, contains essential fatty acid, vitamins, amino acid and minerals required to diminish swelling and pain of</p>
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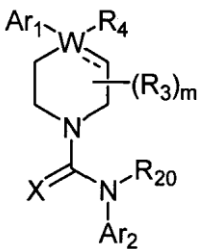
		<p>skin. The herbol pile cure ointment is a valuable source which not only effective as pile cure agent, but can also fight and prevent bacterial, fungal and yeast infection.</p>
<p>849/2013</p>	<p>SOUTHERN COMPANY, U.S.A.</p>	<p>“SECOND STAGE GASIFIER IN STAGED GASIFICATION AND INTEGRATED PROCESS”</p> <p>B01J 8/18 &amp; F23C10/01.</p> <p style="text-align: right;"><b>142953</b></p> <p>A second stage gasification unit in a staged gasification integrated process (SGIP) flow scheme and operating methods are disclosed to gasify a wide range of low reactivity fuels. The inclusion of second stage gasification unit operating at high temperatures closer to ash fusion temperatures in the bed provides sufficient flexibility in unit configurations, operating conditions and methods to achieve an overall carbon conversion of over 95% for low reactivity materials such as bituminous and anthracite coals, petroleum residues and coke. The second stage gasification unit comprises essentially of a stationary fluidized bed gasifier operating with a sufficiently turbulent bed of predefined inert bed material with lean char carbon content. The second stage gasifier fluidized bed is operated at relatively high temperatures up to 1400°C. Steam and oxidant mixture is also injected into the freeboard or relatively dilute phase region of the second stage gasifier to further increase the freeboard region operating temperature in the range of approximately from 50 to 100°C above the bed temperature. Sorbents such as limestone, dolomite or kaolin are added to the freeboard region of the second stage to react with fouling coal ash minerals such as sodium, potassium or iron when present in significant amounts and simultaneously reduce sulfur component concentrations in the exiting syngas. The syngas exiting the second stage gasifier is just</p>

		<p>sufficiently tempered by about 100 to 150°C in a syngas temperment device to solidify any fine molten ash droplets entrained in the syngas. The overall height of the second stage gasifier is reduced by limiting the disengagement height in the freeboard region with the inclusion of a cyclone to capture and recycle the small fraction of coarser bed material that entrains in the syngas. The syngas exiting the second stage gasification unit is cooled in a multistage fluidized bed syngas cooler and the fines in the syngas is filtered with a particulate control device. The tar and dust free syngas from the SGIP flow scheme with the disclosed high temperature second stage gasification unit is suitable for downstream chemical synthesis or power generation.</p>
<p>492/2014</p>	<p>Dr. Nighat Sultana, PSO Pakistan.</p>	<p>“A process for the production of camellia sinensis L/ Acacia Nilotica Toothpaste through Milestone start-E ATC-400 Microwave Extractor System”</p> <p style="text-align: right;"><b>142954</b></p> <p>A process for the production of Camellia sinensis L. tooth paste has been developed. This “Camellia sinensis L./ Acacia nilotica tooth paste” contains maximum allowable concentration of active ingredients Camellia sinensis L., Aloe vera gel, Azadirachta indicci bark, Salvadora oleoides roots, Aqar qara (Andrasace rotunifolia Hardw) Round leaf Rock Jasmine, Calendula officinale flower alcoholic extract and Acacia bark oil (Acacia nilotica), essential oils (Peppermint oil, clove oil, cinammon oil, Eucalyptus oil), Menthol and color FDC Red# 3, while calcium carbonate. titanium dioxide, carboxy methyl cellulose, silicone dioxide is added as inactive ingredient. This herbal tooth paste is very effective against various mouth diseases. This process for the production of “herbal tooth paste” was developed keeping in view the herbal based product “herbal tooth paste”.</p> <p>This invention relates to the formulation of an economical, herbal and effective product based on the extract of Camellia sinensis L. (green tea alcoholic extract), Aloe vera gel, alcoholic</p>

		<p>extracts of Neem bark (<i>Azadirachia indica</i>), Pello roots (<i>Salvadora oleoides</i>). Aqar qara (<i>Androsace rotunifolia</i> Hardw) Roundleaf Rock Jasmine, <i>Calendula officinale</i> flower alcoholic extract, and Acacia bark (<i>Acacia nilotica</i>). Here we report the use of pure oil from Acacia bark. Pure oil is used obtained from Acacia bark through Milestone Start-E ATC-400 microwave extractor system. It is the inventive step in this process. These plants extract has been used in folk medicines from ancient time. It is purely herbal based product. found very effective in various teeth manifestations as for relieving infection of mouth, teeth or throat, preventing, dental caries or mitigating, gingivitis and reduce the inflammation, stops bleeding of gums and nourishment, promotion of gums. The herbal tooth paste is a valuable source which not only provide nutrition to gums, but can also fight and prevent bacterial infection within 1-2 weeks after its application into mouth as in contrast with the reported products prepared without these plants extract.</p> <p>The ingredients i.e. <i>Camellia sinensis</i> L. is the main active component of the product used in the formulation for the first time, contains active ingredients such as catechins and caffeine. The hexane extracts contained high amounts of oleic glyceride (79.9%) and linoleic glyceride (20%). The methanol extract was found to contain naringenin glucosides. It was observed that this product is an economical remedy for achieving healthy teeth gum based on a combination of natural ingredients supplemented with additional vitamins.</p>
302/2015	<p>PFIZER LIMITED Great Britain.</p>	<p>“PHARMACEUTICAL ACCEPTABLE SALT OF A PYRROLO[2,3-d)PYRIMIDINE TROPOMYOSIN-RELATED KINASE INHIBITOR”</p> <p>C07D487/04.</p> <p style="text-align: right;"><b>142955</b></p> <p>The present invention relates to a pharmaceutical</p>

		<p>acceptable salt of a compound of Formula (I)</p>  <p style="text-align: center;">(I)</p> <p>wherein the substituents are as described in the specification, and a pharmaceutical composition comprising such pharmaceutical acceptable salt of compound for use as Trk antagonist.</p>
<p>612/2015</p>	<p>PFIZER INC. U.S.A.</p>	<p>“METHYL-AND TRIFLUOROMETHYL-SUBSTITUTED PYRROLOPYRIDINE MODULATORS OF RORC2 AND PHARMACEUTICAL COMPOSITION THEREOF”</p> <p>A61K31/454,A61P29/02,A61P37/08 &amp; C07D 401/14.</p> <p style="text-align: right;"><b>142956</b></p> <p>The present invention provides methyl- and trifluoromethyl-substituted pyrrolopyridines, pharmaceutical compositions thereof, methods of modulating RORy activity and/or reducing the amount of IL-17 in a subject, and methods of treating various medical disorders using such pyrrolopyridines and pharmaceutical compositions thereof.</p>

		 <p style="text-align: center;"><b>I</b></p>
<p>184/2016</p>	<p>1) Prof. Dr. Ikram-uI-Haq, and 2) Dr.Fatima Akram, GC University, Lahore - Pakistan.</p>	<p>“A hyperthermophilic glycoside hydrolase family 2 β-glucuronidase from <i>Thermotoga petrophila</i> RKU-1T”.</p> <p>A61K 38/46 &amp; C02F 3/34.</p> <p style="text-align: right;"><b>142957</b></p> <p>A multimodular hyperthermophilic β-glucuronidase (ABQ46514.1) from <i>Thermotoga petrophila</i> RKU-1T (TpGUS), belongs to glycoside hydrolase (GH) family 2, was cloned and overexpressed in <i>Escherichia coli</i> BL21 CodonPlus (DE3)-RIPL. Expression and production of extracellular TpGUS was enhanced through developing an optimal cultivation and induction strategies. High-cell-density and overexpression of engineered culture was attained in 4xZB medium induced with IPTG/lactose after 72 h incubation at 22°C. Under optimal cultivation conditions, extracellular activity was improved by 3.44 and 7 fold in 4xZB medium induced with 0.5 mM IPTG and 100 mM lactose, respectively. The enzyme was purified to homogeneity with molecular weight of 65.6 kDa. Optimal activity was observed at 95°C and pH 6.0. TpGUS exhibited great thermostability over a temperature range of 50-85°C for 12 h at pH 6.0-7.0.</p>
<p>692/2016</p>	<p>1) Purdue Pharma L.P. USA 2) Shionogi And Co., Ltd.</p>	<p>“TRPV1 ANTAGONISTS AND USES THEREOF”</p>

	<p>Japan</p>	<p>A61K31/4545, A61P23/00, C07D213/00, C07D401/04, C07D401/14, C07D417/12 &amp; C07D417/14.</p> <p style="text-align: right;"><b>142958</b></p> <p>The invention relates to compounds of formula I</p> <div style="text-align: center;">  <p>(I)</p> </div> <p>and pharmaceutically acceptable derivatives thereof, compositions comprising an effective amount of a compound of formula I or a pharmaceutically acceptable derivative thereof, and methods for treating or preventing a condition such as pain, UI, an ulcer, IBD and IBS, comprising administering to an animal in need thereof an effective amount of a compound of formula I or a pharmaceutically acceptable derivative thereof.</p>
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**CORRIGENDUM**

In the Patent's journal issued dated **07-11-2018**, under the heading "**NEW APPLICATIONS FOR THE PATENTS**". The following correction are as under:-

**APPLICATIONS FOR THE PATENTS**

**Weekending 26-10-2018**

**(Add: Application No. 729/2018 in dated 22-10-2018 only)**

For : Existing entry

Add : **Application No. 729/2018 added in dated 22-10-2018 only.**

Note: **There is no Patent Application received in 23-10-2018.**



**CORRIGENDUM**

In the Patent's journal issued dated **07-11-2018**, under the heading "**APPLICATIONS ACCEPTED**". The following correction are as under :-

**APPLICATION ACCEPTED**  
**(142930)**

**(Change/correction Applicant's Name only)**

For : Existing entry

Read : SICPA Holding SA

**NEW APPLICATIONS FOR THE INDUSTRIAL DESIGNS**

<b>S. No.</b>	<b>Design No.</b>	<b>Title &amp; Class</b>	<b>Applicant</b>
<b>14/11/2018</b>			
1	19621	STATIC SINGLE PHASE 2 WIRE ENERGY METER, (MODEL: R283-V2) (CLASS 12)	Micro Tech Industries (Pvt.) Ltd.
2	19622	Packing of tea (Class-12)	Mr Abid saeed Parcaha
<b>15/11/2018</b>			
3	19623	SHARPENER (Class-03)	Abrar Ahmed, M/s. National Cottage Industries
4	19624	BOTTLE (Class-03)	HILAL CARE (PRIVATE) LIMITED,
5	19625	BOTTLE (Class-3)	HILAL CARE (PRIVATE) LIMITED
6	19626	Micro Blading Pen	Muhammad Safdar
8	19627	Easy Looping Forceps	Muhammad Safdar
9	19628	Line Nipper With Adjustable Blade (Class 1)	Muhammad Safdar
10	19629	Small Lash Mirror (Class 1)	Muhammad Safdar
11	19630	Spring Scissors (Class 1)	Muhammad Safdar
12	19631	Angle Tweezers Double Shoulder (Class 1)	Muhammad Safdar
13	19632	Large Lash Mirror (Class 1)	Muhammad Safdar
14	19633	Micro Blading Pen (Class 1)	Muhammad Safdar
<b>16/11/2018</b>			
15	19634	MACHINE	CDE ASIA LIMITED
16	19635	MACHINE	CDE ASIA LIMITED

17	19636	MACHINE	CDE ASIA LIMITED
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### **REGISTRATION OF DESIGNS**

The following designs have been registered.

S. No.	Design No.	Title & Class	Applicant
<b><u>12/11/2018</u></b>			
1.	19462	MOBILE PHONE (Class-01)	Beijing Xiaomi Mobile Software Co., Ltd.
2.	19470	Pet Bottle (Class-03)	Tricon Beveraes Pvt. Ltd.
3.	19487	BOTTLE (Class-03)	Paramount Food & Beverages (Pvt) Ltd
4.	19283	Electric powered wheel (Class-01)	Muhammad Haroon Waseem, Syed Muhammad Maaz, Saif Ahmed Khan, and Ali Arshad
<b><u>15-11-2018</u></b>			
5.	19184	Safety Guard Pair for Pair for Pillion Rider (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
6.	19183	Safety Guard Pair for Pair for Pillion Rider (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
<b><u>16/11/2018</u></b>			
7.	19473	MOBILE PHONE (Class-01)	Beijing Xiaomi Mobile Software Co., Ltd.
8.	19248	Safety Guard Pair for Pillion Rider Project 8 with Adjustable Clamp (Class-01)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
9.	19249	Safety Guard Pair for Pillion Rider Project 8 with Adjustable Clamp (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
10.	19250	Safety Guard Pair for Pillion Rider Project 8 Fixed Clamp (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
11.	19251	Safety Guard Pair for Pillion Rider Project 8 Fixed Clamp (Class-01)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
12.	19252	Safety Guard Pair for Pillion Rider Project 7 Fixed Clamp (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.

<b>13.</b>	19253	Safety Guard Pair for Pillion Rider Project 7 Fixed Clamp (Class-01)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
<b>14.</b>	19247	Safety Guard Pair for Pillion Rider (project 7) with Adjustable Clamp (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
<b>15.</b>	19246	Safety Guard Pair for Pillion Rider (project 7) with Adjustable Clamp (Class-01)	Hamza Afzaal S/o Afzaal Mustafa
<b>16.</b>	19208	Safety Guard Pair for Pillion Rider (Class-03)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
<b>17.</b>	19207	Safety Guard Pair for Pillion Rider (Class-01)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
<b>18.</b>	19206	Safety Guard Pair for Pillion Rider (Class-01)	Afzaal Mustafa S/O Khan Ghulam Mustafa.
<b>19.</b>	19205	Safety Guard Pair for Pillion Rider (Class-01)	Afzaal Mustafa S/O Khan Ghulam Mustafa.

-sd-

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