



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

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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>21-11-2016</b>		
728/2016	RQX Pharmaceuticals Inc. USA Genentech, Inc. USA (Priority 20-11-2015 CN)	“Macrocyclic broad spectrum antibiotics”
729/2016	Eli Lilly and Co. USA. (Priority 07-12-2015 US)	“(S) – Lactate Salts”
<b>22-11-2016</b>		
730/2016	Syngenta Participations AG Switzerland (Priority 23-11-2015 EP)	“Pesticidally active heterocyclic derivatives with sulphur and cyclopropyl containing substituents”
731/2016	F. HOFFMANN-LA ROCHE Switzerland (Priority 23-11-2015 CN)	“Therapeutic Compounds and Compositions, and Methods of use thereof”
732/2016	ELI LILLY AND COMPANY USA (Priority 27-11-2012 US) <b>Divisional</b>	“Pharmaceutically acceptable salt of 6-(s)-1-{1-[5-(2-hydroxy-ethoxy)-pyridin-2-yl]-1h-pyrazol-3-yl}-ethyl)-3h-1,3-benzothiazol-2-one as a tarp(transmembrane ampa receptor regulatory proteins)-gamma 8 dependent ampa(a-amino-3-hydroxyl-5-methyl-4-isoxazole-propionic acid) receptor antagonist”
<b>23-11-2016</b>		

733/2016	Afzaal Mustafa Islamabad – Pakistan	“Ornamental Shoe Attachment”
734/2016	UNILEVER PLC United Kingdom (Priority 27-11-2015 EP)	“AN ANTIMICROBIAL COMPOSITION”
735/2016	UNILEVER PLC United Kingdom (Priority 27-11-2015 EP)	“AN ANTIMICROBIAL CLEANSING COMPOSITION”
736/2016	Pakistan Ordnance Factories (POF) Wah Cantt – Pakistan	“Barrel Design With Enhanced Projectile Stability for Light Sniper Rifle (LSR)”
737/2016	Pakistan Ordnance Factories (POF) Wah Cantt – Pakistan	“Barrel Design With Enhanced Life for Heavy Machine Gun (HMG)”
738/2016	Pakistan Ordnance Factories (POF) Wah Cantt – Pakistan	“Light Weight Tripod (LWT) For Heavy Machine Gun (HMG)”
739/2016	Pakistan Ordnance Factories (POF) Wah Cantt – Pakistan	“Electronic Time Super Quick (ETSQ) Fuze”
<b>24-11-2016</b>		
740/2016	Unilever PLC United Kingdom (Priority 17-02-2016 EP)	“Whitening Composition”
741/2016	Unilever PLC United Kingdom (Priority 17-02-2016 EP)	“Whitening Composition”

742/2016	BAYER CROPSCIENCE AKTIENGESELLSCHAFT (Priority 03-12-2015 EP)	"MESOIONIC IMIDAZOLE DERIVATIVES AS INSECTICIDES"
743/2016	Auvitronics Ltd. Karachi – Pakistan.	"CONTROLLED DROP DISPENSING SYSTEM"
744/2016	Auvitronics Ltd. Karachi – Pakistan.	"ANTI – BREAK ANTI – DEFORM PUSH CAP"
<b>25-11-2016</b>		
745/2016	AstraZeneca AB Sweden Cancer Research Technology Ltd., United Kingdom (Priority 27-11 -2015 GB)	"bis-Pyridazine compounds and their use in Treating Cancer"
746/2016	Misbah Sultan Lahore – Pakistan	"Polyurethane based catalyst to be used in reduction oxidation reactions"

**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.

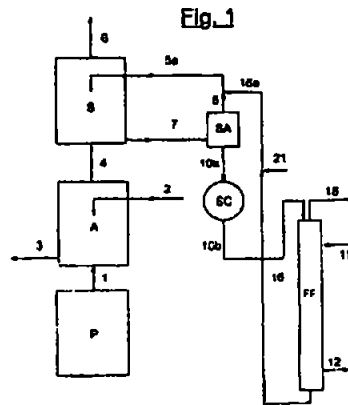
The figures shown within square brackets after the title of inventions indicate their classification index at acceptance.

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.

661/2010	SAIPEM S.p.A. Italy.	<p>"PROCESS FOR THE RECOVERY OF AMMONIA FROM A GASEOUS STREAM"</p> <p>B01D53/58,B01D53/96 and C01C1/12.</p> <p style="text-align: right;"><b>142453</b></p> <p>The present invention relates to a process for the recovery of ammonia contained in a gaseous stream, said process comprising the following phases: (a) subjecting the gaseous stream containing ammonia to a washing with an aqueous washing solution having a pH lower than 7.0, with the formation of a purified gaseous stream and an aqueous solution containing an ammonium salt; (b) treating the aqueous solution containing the ammonium salt coming from phase (a) in a vertical falling film heat exchanger at</p>
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a temperature from 50 to 250°C and an absolute pressure ranging from 50 KPa to 4 MPa absolute with the formation of a regenerated washing solution and a gaseous stream comprising NH<sub>3</sub> and H<sub>2</sub>O;

(c) recycling said regenerated washing solution to phase (a) . The present invention also relates to equipment for effecting the above process.



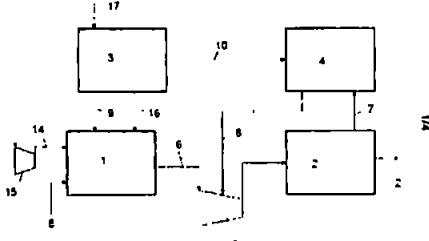
703/2010 AMMONIA CASALE SA Switzerland.

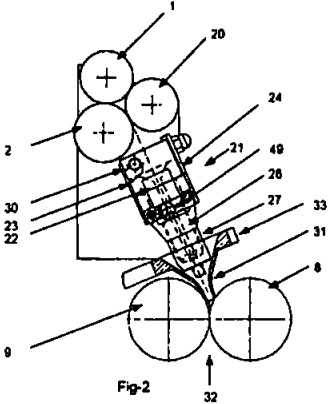
" PROCESS FOR REVAMPING AN AMMONIA PLANT WITH NITROGEN-BASED WASHING OF A PURGE STREAM"

C01C1/04 and C01B3/02.

**142454**

A process and a plant for producing ammonia, where an air separation unit (ASU) (3) delivers an oxygen stream and a nitrogen stream; the oxygen stream (9) is fed to the secondary reformer of a front-end reforming section (1); the nitrogen stream (10) is used to wash a purge gas or tail gas taken from the synthesis loop (2), preferably in a cryogenic section; a

		<p>methane-free and inert-free gas stream is recovered and recycled to the synthesis loop (2) or at the suction of the main syngas compressor, to recover the hydrogen contained therein. A corresponding method for increasing the capacity of an ammonia plant, by providing the ASU and feeding the oxygen stream to the secondary reformer and the nitrogen stream to a suitable purge gas recovery unit.</p>  <p style="text-align: center;">FIG 1</p>
829/2011	LAKSHMI MACHINE WORKS LTD. India.	<p>"WEB GUIDING DEVICE WITH STOP MOTION ARRANGEMENT AND A METHOD THEREOF"</p> <p>DO1H13/04.</p> <p style="text-align: right;"><b>142455</b></p> <p>A web guiding device with stop motion arrangement for a textile machine such as draw frame comprising a drafting arrangement with plurality of drafting rollers and a deflecting roller (20), a web funnel (21) with a stop motion arrangement (41), a sliver funnel (31) with sliver funnel holder (33), and a calendering unit with pair of draw-off discs (8, 9), wherein said web funnel (21) is provided with at least two movable plates (23, 24) and the movement of one plate actuates the other plate to stop the machine.</p>

		
826/2012	<p>1)Muhammad Fayyaz  2)Naseem Zahra  3) Waqas Iqbal  4) Muhammad Irfan  and  5)Dr.Shahzad Alam.  PCSIR – Lahore  Pakistan.</p>	<p>"A process for the preparation of Ammonium Dihydrogen Phosphate"</p> <p>C01B25/28.</p> <p style="text-align: right;"><b>142456</b></p> <p>A process was developed for the preparation of Mono-ammonium Phosphate by reacting ammonia and phosphoric acid. Ammonia was added drop wise into phosphoric acid solution and pH was maintained at 4.5. The resulting solution was placed for 48 hrs at room temperature for crystallization. Fine crystals of Mono-ammonium Phosphate were obtained after filtration. The product produced in accordance with the invention is 99% Mono-ammonium Phosphate.</p>
217/2013	<p>HOLOGRAM.  INDUSTRIES.  France.</p>	<p>"OPTICAL SECURITY COMPONENT WITH REFLECTIVE EFFECT, FABRICATION OF SUCH A COMPONENT AND SECURE DOCUMENT EQUIPPED WITH SUCH A COMPONENT"</p> <p>B42D15/10 and G02B5/02.</p>



According to one aspect, the invention relates to an optical security component (60) intended to be checked in reflection in a checking spectral band. The optical security component comprises a layer (602) which is reflective in the said checking spectral band, the said reflective layer exhibiting a structured zone. The structured zone comprises microstructures distributed spatially in a uniform manner over the whole of the zone so as to form an optical structure which is at least partially scattering in the said checking spectral band, the heights of the microstructures being distributed according to a random function, modulated over the said zone by a modulation function so as to form, after illumination of the component at a given angle, an image identifiable by observation in reflection.

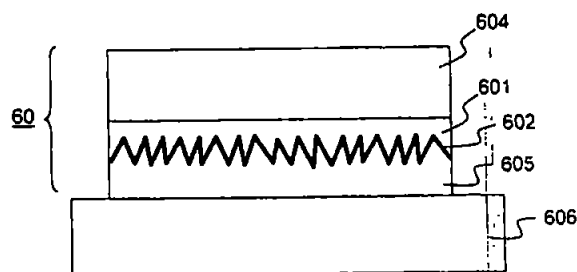
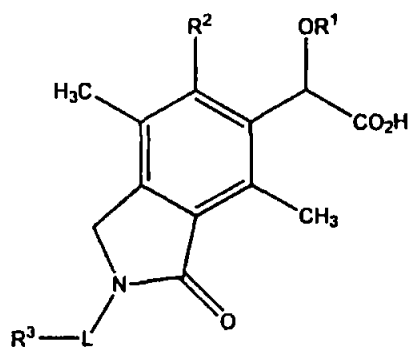


FIG.6A

759/2013	Mr.Ali Hasnain Hussain, Sialkot - Pakistan.	<p>"HIGH TENSION SEALED STITCHED FOOTBALL WITH FOAM BACKING PADS"</p> <p>B32B7/08 and A63B39/00.</p> <p style="text-align: right;"><b>142458</b></p> <p>A sports ball having a high-performance cover formed from a plurality of panels with attached foam backing. The panels may be stitched together at stitch lines which are 2-4mm from the edges of each of the panels. During manufacturing, before compression is applied, foam attached to outer layers for each of the panels may be a distance 2-6mm away from the stitch lines. Foam attached on the inside of the sports ball may provide support and a robust round shape for manufacturing of a high performance sports ball.</p>
602/2014	1) Asghari Bano 2) Mohibullah 3) Tariq Mehmood Islamabad - Pakistan.	<p>"Synthesis of Sulfur-doped TiO<sub>2</sub> photocatalyst for efficient production of Biodiesel"</p> <p>C10G3/00, C11C3/12 and B01J21/066.</p> <p style="text-align: right;"><b>142459</b></p> <p>The present invention relates to the production of Sulfur-doped TiO<sub>2</sub> catalyst which exhibited photo catalytic activities and convert palm oil grade III into biodiesel under visible light and at room temperature. The catalyst structure has been characterized by X- Ray Diffraction (XRD) and Scanning Electron Microscopy (SEM). The crystalline size of sulfur doped (S-TiO<sub>2</sub>) nano catalyst particles was 14.375nm whereas, the surface area of the photocatalyst was found to be ~190m<sup>2</sup>/g and 29.1cm<sup>3</sup>/g. The absorption edge of photo catalyst is shifted from the wavelength of 600nm to 700nm. The</p>

		<p>marked increase in catalytic activity is due to the synergistic effect between the brookite phase and the anatase phase that would probably retard the electron—hole recombination. The best conversion was achieved with 1.5% of doping The catalyst is fast (requires 15 min. to 1h incubation) and efficient resulting up to 93% conversion of palm oil into diesel without any byproduct like soap and glycerin. The photocatalyst decreases the emission of toxic gases viz. NOXs and SOXs. The catalyst can be used for conversion of organic wastes into biodiesel without any extra source of energy. The process requires no extra energy except solar energy whereas the output is large resulting in clear source of alternate fuel : The co-doping of metal and sulfur on TiO<sub>2</sub> showed an improvement of photocatalytic activity under visible light.</p>
461/2015	<p>VIIV HEALTHCARE UK LIMITED England.</p>	<p>"A substituted isoindolinone compound and pharmaceutical composition comprising thereof"</p> <p>C07D05/04,C07D413/04,C07D209/46 and A61K31/4035.</p> <p style="text-align: right;"><b>142460</b></p> <p>The present invention relates to a substituted isoindolinone compound and provides a compound of Formula I:</p>



wherein:

$R^1$  is  $C_{1-6}$ alkyl;

$R^2$  is  $C_{5-14}$ aryl,  $C_{3-7}$ cycloalkyl,  $(C_{3-7})$ cycloalkenyl,  $(C_{2-9})$ heterocycle, and  $(C_{2-9})$ heteroaryl, each of which is optionally substituted by one to four substituents selected from halo,  $C_{1-6}$ alkyl,  $C_{1-6}$ heteroalkyl, or  $C_{1-6}$ alkylene or  $C_{1-6}$ heteroalkylene wherein said  $C_{1-6}$ alkylene or  $C_{1-6}$ heteroalkylene are bonded to adjacent carbon atoms on said of  $C_{5-14}$ aryl,  $C_{3-7}$ cycloalkyl,  $(C_{3-7})$ cycloalkenyl,  $(C_{2-9})$  heterocycle, or  $(C_{2-9})$ heteroaryl to form a ring, and wherein each heterocycle, heteroaryl, heteroalkyl, and heteroalkylene comprises one to three heteroatoms selected from S, N or O;

L is a bond or  $C_{1-3}$ alkylene:

$R^3$  is H,  $C_{1-6}$ alkyl,  $C_{5-14}$ aryl,  $C_{3-7}$ cycloalkyl,  $(C_{3-7})$ cycloalkenyl,  $(C_{2-9})$  heterocycle, and  $(C_{2-9})$ heteroaryl, each of which is optionally substituted by one to four substituents selected from halo,  $C_{1-6}$ alkyl, and wherein each heterocycle and heteroaryl comprises one to three heteroatoms selected from S, N or O.

The invention further provides a pharmaceutical composition comprising the compound for use in the treatment of viral infection.

**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.4500/-** should be sent to the Controller of Patents and Designs, The Patent Office, Karachi.

<b>Accepted No.</b>	<b>Applicant Name</b>	<b>Application No.</b>
142357	Total Lubrication Management Company USA	1279/2008
142358	LES LABORATOIRES SERVIER France.	2/2012


## NEW APPLICATIONS FOR THE INDUSTRIAL DESIGNS

S. No.	Design No.	Title & Class	Applicant
<u>22/11/2016</u>			
1.	18545	Soap Bar (Class-12)	Unilever PLC,
2.	18546	Jar (Class-03)	M/s. Noorani International Company
3.	18547	Jar (Class-03)	M/s. Noorani International Company

## REGISTRATION OF DESIGNS

The following designs have been registered.

S. No.	Design No.	Title & Class	Applicant
<u>21/11/2016</u>			
1.	17851	Cutlary Set (Class-01)	Taj Cutlary
2.	18197	Compass (Class-01)	National Cottage Industries
<u>23/11/2016</u>			
3.	18115	Bottle Cap (Class-03)	Abeer Enterprises

  
(Dr. Muhammad Fayyaz Ahmad)  
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& Registrar of Designs  
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