



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

Weekending:- 10-08-2018

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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>06-08-2018</b>		
536/2018	UNILIVER PLC, United Kingdom (Priority 16-08-2017 EP)	“INFUSION PACKETS”
537/2018	Naseem Iqbal Muhammad Amin Saleem Munir <b>NUST</b> Islamabad - Pakistan	“Synthesis of biomass derived Fe-C catalyst for Fischer-Tropsch Synthesis”
<b>07-08-2018</b>		
538/2018	WAVE LIFE SCIENCES LTD. SINGAPORE (Priority 08-08-2017 US)	“OLIGONUCLEOTIDE COMPOSITIONS AND METHODS THEREOF”
<b>08-08-2018</b>		
539/2018	ALMIRALL, S,A,, Spain (Priority 08-08-2017 EP)	“Novel Compounds Activating the Nrf2 Pathway”
540/2018	Bahria University Islamabad – Pakistan	“Pattern Based Urdu Stemming System”
541/2018	Bahria University Islamabad – Pakistan	“Smart Energy Monitor”

542/2018	Dr. Suhail Zaki Farooqui Islamabad – Pakistan	“A Computer Aided Examination System with Three Tiers of Randomization for Generating Several Versions of Multiple Choice Question Papers with Answer Keys”
<b>10-08-2018</b>		
543/2018	Archroma IP GmbH, Switzerland (Priority 11-08-2017 EP)	“METHODS OF MAKING LEUCOINDIGO SALT SOLUTIONS WITH VERY LOW ANILINE CONTENT”
544/2018	Archroma IP GmbH, Switzerland (Priority 11-08-2017 EP)	“LEUCOINDIGO SALT SOLUTION WITH VERY LOW CONTENT ON ANILINE AND METHOD OF MAKING SAME ”
545/2018	Archroma IP GmbH, Switzerland (Priority 11-08-2017 EP)	“PURIFIED CONCENTRATED AQUEOUS LEUCOINDIGO SALT SOLUTIONS”
546/2018	Archroma IP GmbH, Switzerland (Priority 11-08-2017 EP)	“METHODS AND DEVICE FOR MAKING ANILINE –FREE LEUCOINDIGO SALT SOLUTIONS”
547/2018	OPULENT ELECTRONICS INTERNATIONAL PTE. LTD., Singapore (Priority 11-08-2017 Singapore)	“DEVICE AND METHOD FOR PROVIDING AN ELECTRICAL CURRENT TO AN ELECTRICAL LOAD”
548/2018	Clariant Plastics & Coatings Ltd., Switzerland (Priority 11-08-2017 Germany)	“Flame-retardant polyamide compositions and use thereof”
549/2018	Clariant Plastics & Coatings Ltd., Switzerland (Priority 11-08-2017 Germany)	“Flame-retardant polyamide compositions with a high glow wire ignition temperature and use thereof”

550/2018	Clariant Plastics & Coatings Ltd., Switzerland (Priority 11-08-2017 Germany)	"Flame-retardant polyamide compositions and use thereof"
551/2018	Clariant Plastics & Coatings Ltd., Switzerland (Priority 11-08-2017 Germany)	"Flame-retardant polyamide compositions having high heat dimensional resistance and use thereof"
552/2018	PRAYON TECHNOLOGIES Belgium (Priority 11-08-2017 Belgium)	"Process for the acid attack of a phosphate source"

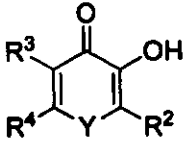
**APPLICATION ACCEPTED**

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.

324/2008	Apotex Technologies Inc., Canada	<p>"Novel Fluorinated Deferiprone"</p> <p>A61K 31/351, C07D213/00, C07D213/69</p> <p style="text-align: right;"><b>142879</b></p> <p>The present invention relates to novel fluorinated of deferiprone having a general formula (I)</p> <div style="text-align: center;">  <p style="text-align: right;">(I)</p> </div> <p>wherein: Y is O or NR<sup>1</sup>, wherein R<sup>1</sup> is selected from the group consisting of hydrogen, C<sub>1</sub>-C<sub>6</sub> alkyl, cyclopropylmethyl, allyl and cyclopropyl; R<sup>2</sup> is selected from the group consisting of hydrogen, C<sub>1</sub>-C<sub>6</sub>, alkyl, CHF<sub>2</sub>, CF<sub>3</sub>CH<sub>2</sub> and R<sup>5</sup>CHOH, wherein R<sup>5</sup> is selected from the group consisting of hydrogen, C<sub>1</sub>-C<sub>6</sub> and trifluoromethyl; and R<sup>3</sup> and R<sup>4</sup> are each selected from the group consisting of</p>
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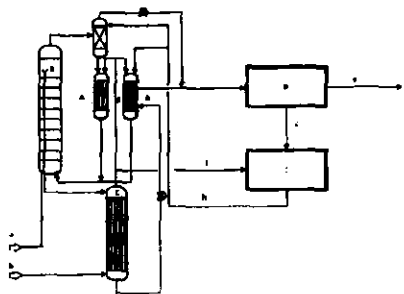
		<p>hydrogen, C<sub>1</sub>-C<sub>6</sub> methyl, CH<sub>2</sub>CF<sub>3</sub> and CF<sub>3</sub>CHOH; and wherein at least one of R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup> is a di- or trifluorinated group.</p> <p>The present invention more particularly relates to the novel fluorinated of deferiprone, pharmaceutical composition comprising same, processes for the manufacture thereof neurodegenerative diseases caused by the presence of free iron or iron accumulation in neural tissues and in diseases wherein excess iron must be removed or redistributed.</p>
<p>598/2011</p>	<p>DOLBY LABORATORIES LICENSING CORPORATION and DOLBY INTERNATIONAL AB Netherlands</p>	<p>"A method of operating an audio decoder to decode audio data and apparatus for carrying out the method"</p> <p>G10L19/00, H04S3/00</p> <p style="text-align: right;"><b>142880</b></p> <p>A method, an apparatus, and logic encoded in one or more computer-readable tangible medium to carry out actions. The method is to decode audio data that includes N.n channels to M.m decoded audio channels, including unpacking metadata and unpacking and decoding frequency domain exponent and mantissa data; determining transform coefficients from the unpacked and decoded frequency domain exponent and mantissa data; inverse transforming the frequency domain data; and in the case M&lt;N, down mixing according to downmixing data, the downmixing carried out efficiently.</p>

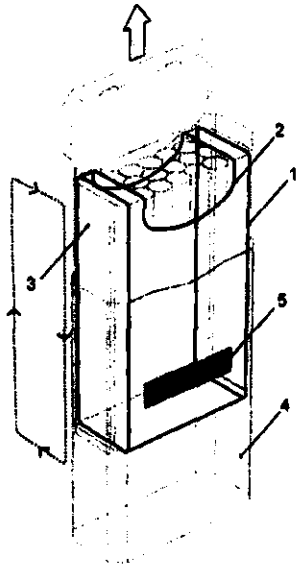
		<p style="text-align: center;">FIG. 7</p>
<p>252/2012</p>	<p>Knauf Gips KG Germany</p>	<p>“Gypsum board manufacturing system and method for manufacturing a gypsum board“</p> <p>B28B19/00, B28B5/02</p> <p style="text-align: right;"><b>142881</b></p> <p>The invention relates to a gypsum board manufacturing system, comprising at least one rotating conveyor belt device (10) for receiving a gypsum layer (16) and forming and hardening the gypsum layer (16), wherein the conveyor belt device (10) has a carrying belt (11) for supporting the gypsum layer (16) comprising an external side (50) onto which the gypsum layer (16) is applied in operation, and an internal side (60), wherein at least one plurality of forming webs (12) is provided, wherein the forming webs (12) are mounted at the external side relative the carrying belt (11) transversely to a running direction of the conveyor belt device (10) at a regular interval from each other and constitute a part of the external side (50) of the conveyor belt device (10) so that the forming webs (12) co-rotate with the conveyor belt device.</p>

<p>414/2012</p>	<p>DOLBY LABORATORIES LICENSING CORPORATION U.S.A.</p>	<p>“METHOD AND APPARATUS FOR 3D AUDIO RENDERING“</p> <p>H 04R5/02, H 04S3/00, H04S 7/00</p> <p style="text-align: right;"><b>142882</b></p> <p>The invention relates to rendering of audio reproduction data and provides a method, performed by an audio signal processing device, comprising: receiving audio reproduction data comprising one or more audio objects and metadata associated with each of the one or more audio objects; receiving reproduction environment data comprising an indication of a number of reproduction speakers in the reproduction environment and an indication of the location of each reproduction speaker within the reproduction environment; and rendering the audio objects into one or more speaker feed signals by applying an amplitude panning process to each audio object, wherein the amplitude panning process is based, at least in part, on the metadata associated with each audio object and the location of each reproduction speaker within the reproduction environment, and wherein each speaker feed signal corresponds to at least one of the reproduction speakers within the reproduction environment; wherein the metadata associated with each audio object includes audio object coordinates indicating the intended reproduction position of the audio object within the reproduction environment and a snap flag</p>

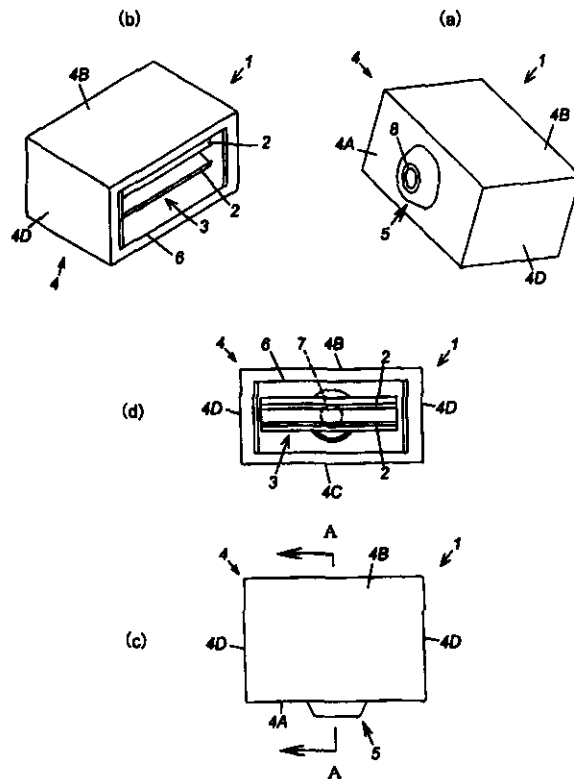


		<p>indicating whether the amplitude panning process should render the audio object into a single speaker feed signal or apply panning rules to render the audio object into a plurality of speaker feed signals. The invention further provides an apparatus to carry out the method.</p>
718/2012	<p>Stamicarbon B. V. The Netherlands</p>	<p>“METHOD OF MAKING CONTROLLED RELEASE FERTILIZER PARTICLES”</p> <p>B01J2/02, B01J2/26, C05C9/00, C05G3/00</p> <p style="text-align: right;"><b>142883</b></p> <p>The invention pertains to a method of making urea-containing particles wherein with a lower degree of cooling, high mechanical strengths are obtained. The method comprises the steps of (a) providing a first polymer layer; (b) feeding urea droplets onto said first polymer layer, (c) cooling the droplets provided on the first polymer layer to a temperature between 55°C and 120 °C; (d) applying a second polymer layer onto the first polymer layer comprising the droplets so as to form encapsulated urea droplets; and (e) separating the encapsulated urea droplets.</p>
761/2012	<p>Akzo Nobel Chemicals International B.V. The Netherlands</p>	<p>“DEICING COMPOSITION”</p> <p style="text-align: right;"><b>142884</b></p> <p>The present invention relates to a deicing composition comprising (i) a deicing agent selected from the group consisting of sodium chloride, calcium magnesium acetate, calcium chloride, magnesium chloride, potassium chloride, potassium acetate, sodium acetate, sodium formate, potassium formate, (ii) a lignin derivative, and (iii) molasses. It furthermore relates to a process for preparing said deicing composition and to a process for deicing a surface</p>

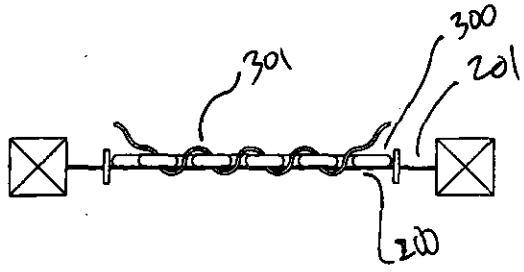
		using said deicing composition.
920/2013	Stamicarbon B. V. The Netherlands	<p>“UREA PLANT REVAMPING METHOD”</p> <p>C07C 273/04</p> <p style="text-align: right;"><b>142885</b></p> <p>Disclosed is a method of increasing the capacity of an existing urea plant. With reference to the regular components of a urea plant, including a synthesis section comprising a high pressure carbamate condenser and a reactor, and a recovery section, the method comprises installing an additional reactor between the recovery section and the high pressure carbamate condenser. The additional reactor is preferably installed in connection with an ejector, so as to allow ground placement of the additional reactor.</p> 
324/2014	School of Biological Sciences Lahore - Pakistan	<p>“A polynucleotide comprising a nucleotide sequence encoding a fusion protein”</p> <p style="text-align: right;"><b>142886</b></p> <p>The present invention relates to a polynucleotide comprising a nucleotide sequence encoding a fusion protein comprising at least two or more Mycobacterium tuberculosis antigens namely a full length HSPX and a truncated PstS1 (729 bp fragment encoding 27.4 kDa peptide). The invention further relates to a method of recombinantly making the said fusion protein. Also provided is an article of manufacture comprising the fusion protein for use as a</p>

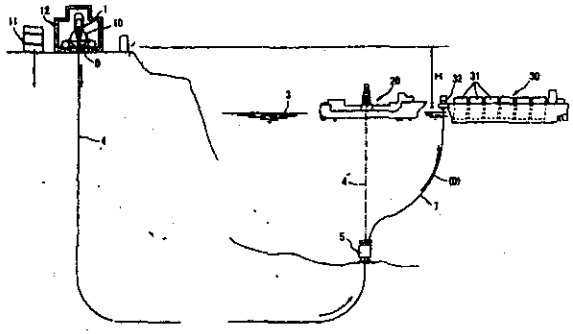
		biological marker for the detection of tuberculosis in a subject.
326/2014	ITC LIMITED India	<p>“A PACKET FOR HOLDING SIMILAR AND/OR DISSIMILAR OBJECTS”</p> <p>B65D5/38, B65D85/10</p> <p style="text-align: right;"><b>142887</b></p> <p>The present invention relates generally to a packaging assembly. More particularly the present invention relates to a packet for holding similar and/or dissimilar objects wherein said packet facilitates dispensing of objects when desired and reclosing to secure the said objects. It can be used in applications like a cigarette packet and like containers. This invention provides an advantageous feature of doubly securing the objects in the container.</p> 
842/2014	Co., Ltd. Ashikawa Japan	<p>“OBD (ON-BOARD DIAGNOSTICS) CONNECTOR PROTECTIVE COVER”</p> <p>B60R16/02</p> <p style="text-align: right;"><b>142888</b></p>

An OBD (on-board diagnostics) connector protective cover 1 includes a clip 3 provided with a pair of openable/closable lugs 2, a body cover 4 that covers the entire clip 3 including the pair of lugs 2, a key cylinder 5 provided on a front of the body cover 4 as opening/closing operation means for the pair of lugs 2 and a socket 6 provided on a rear face of the body cover 4 as an opening for inserting a connection terminal section 101 of an OBD connector 100 into the body cover 4. The pair of lugs 2 are closed through a key operation with the key cylinder 5, the connection terminal section 101 of the OBD connector 100 and the body cover 4 are integrated together by the lugs 2 holding the connection terminal section 101 of the OBD connector 100, and the body cover 4 constitutes an obstacle to thereby disable access to the connection terminal section 101 from outside.



125/2015	Saadia Zafar U.S.A.	"TEXTILE MADE FROM CHAINS AND PROCESS FOR ITS MANUFACTURE"
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		<p>A 41D31/00, B21F31/00, F41H1/02</p> <p style="text-align: right;"><b>142889</b></p> <p>The present invention relates to a system and method for easily creating textiles out of chains connected by thread. A dissolvable or removable substrate on which chains can be set is used whereby the thread stitching passes through the substrate. After the textile stitching is completed, the substrate is then removed, including by use of a dissolving solvent or by melting.</p> 
<p>247/2015</p>	<p>MORIMOTO, Nobuyoshi Japan.</p>	<p>“PROCESSING METHOD OF RADIATION-TAINTED WATER AND SEALING PROCESSING METHOD OF NUCLEAR PLANT”</p> <p>C02F9/00, E21B43/00, G21F 9/00</p> <p style="text-align: right;"><b>142890</b></p> <p>The invention provides a processing method which can smoothly process radiation-tainted water which is difficult to be approached due to radioactivity. The processing method of the radiation-tainted water has a drilling step of carrying on drilling from a drilling vessel 20 anchored on the sea away from the land toward the land side through the sea, the seabed, and the seabed ground in a drill pipe, carrying out the drilling from the below of a nuclear plant 10 on the land reserving the radiation-tainted water while penetrating the nuclear plant 10, and communicating the drill pipe with the radiation-tainted water, and a radiation-tainted water</p>

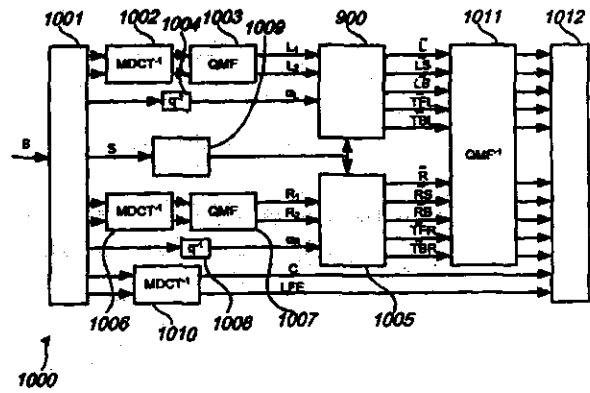
		<p>transferring step of transferring the radiation-tainted water within the nuclear plant 10 to a storage ship on the sea via a communicated transfer pipe through the drill pipe.</p> 
<p>309/2015</p>	<p>1) Fatima Shahid 2) Dr. Ishtiaq A. Qazi 3) Dr. Imran Hashmi 4) Dr. Muhammad Arshad Pakistan.</p>	<p>“Development of Pure and 1% Silver Doped Titania (TiO<sub>2</sub>) Embedded Polyethylene Terephthalate (PET) Film Protector to disinfect bacterial species on mobile phones”</p> <p>C09J7/0282</p> <p style="text-align: right;"><b>142891</b></p> <p>The invention relates to polymer polyethylene terephthalate (PET) film, having antibacterial properties, wherein the antibacterial effect is obtained by coating PET polymer film with pure and 1% silver titania nanoparticles. Comparative photo catalytic disinfection ability of pure nanoparticles (TNP) and 1% silver-doped TNP, to disinfect airborne bacteria, has been examined. Nanoparticles are embedded in mobile phone protectors, and these protectors are found effective in reducing important airborne bacterial species including <i>Pseudomonas aeruginosa</i> taken as a representative microorganism. The antibacterial polymer PET can be used as an antibacterial protector for mobile phones, touch screens, iPad and other products intended to enter into contact with the skin.</p>
<p>593/2015</p>	<p>Starlinger &amp; Co</p>	<p>“Device for cooling an adhesive applied to a</p>

	<p>Gesellschaft m.b.H. Austria</p>	<p>surface of bag bodies”</p> <p>B05C9/14, B31B1/00, B65H 29/66</p> <p style="text-align: right;"><b>142892</b></p> <p>The device (1) for cooling an adhesive (23) applied to a surface (24) of bag bodies (20) includes a transfer conveyor (2) and a cooling conveyor (4). The transfer conveyor (2) conveys the bag bodies (20) at a transfer speed (3) to the cooling conveyor (4), and the cooling conveyor (4) conveys the bag bodies (20) taken over from the transfer conveyor (2) at a cooling conveyor speed (5). The transfer speed (3) is higher than the cooling conveyor speed (5), which is why the bag bodies (20) are arranged overlapping each other on the cooling conveyor. Due to this higher packing density, there is achieved a long dwell time of the bag bodies (20) in the cooling conveyor (4) at simultaneously a high flow-rate of bag bodies (20) through the device.</p>
<p>694/2015</p>	<p>School of Biological Sciences Pakistan</p>	<p>“A non-naturally occurring enzyme comprising a nucleic acid sequence homologous with endoglucanase of Clostridium Specie”</p> <p>A01N43/00</p>

		<p style="text-align: right;"><b>142893</b></p> <p>The present invention relates to a non-naturally occurring enzyme comprising a nucleic acid sequence homologous with endoglucanase X of Clostridium Specie. The invention further relates to improvement in the activity and other properties of the enzyme endoglucanase (CeIX) isolated from Clostridium Sp. for improved biomass degradation. The present invention still further relates to an improved process; which may enhance the activity of CeIX by deletion of some terminal amino acid residues. The process further involves screening and selecting two most potent and thermostable endoglucanases, endoglucanase X (CeIX) from Clostridium Sp. and endoglucanase Y (CeY) from Thermotoga Sp. for directed evolution. The improved process according to the present invention involves using the enzyme in the production of bioethanol.</p>
<p>700/2015</p>	<p>Dolby International AB, The Netherlands</p>	<p>“PARAMETRIC ENCODING AND DECODING OF AUDIO SIGNALS”</p> <p>G10L19/008, G10L19/22, H04S7/00</p> <p style="text-align: right;"><b>142894</b></p> <p>A control section (1009) receives signaling (S) indicating one of at least two coding formats (F<sub>1</sub>,F<sub>2</sub>,F<sub>3</sub>) of an M-channel audio signal (L,LS,LB, TFL, TBL), the coding formats corresponding to different partitions of the channels of the audio signal into respective first and second groups (601, 602), wherein, in the indicated coding format, first and second channels (L<sub>1</sub>,L<sub>2</sub>) of a downmix signal correspond to linear combinations of the first and second groups, respectively; and a decoding section (900) reconstructs the audio signal based on the downmix signal and associated upmix parameters (aL). In the decoding section: a decorrelation input signal (D<sub>1</sub>,D<sub>2</sub>,D<sub>3</sub>) is determined based on the downmix signal and the indicated coding format; and wet and dry upmix coefficients, controlling linear mappings of the downmix signal and a</p>



decorrelated signal, generated based on the decorrelation input signal, are determined based on the upmix parameters and the indicated coding format.



**CORRIGENDUM**

In the Patent's journal issued dated 17-07-2018, under the heading "NEW APPLICATIONS FOR THE PATENTS". The following correction are as under :-

**(Week Ending 29-06-2018)**

**NEW APPLICATIONS FOR THE PATENTS**  
**(Change in Applicant's Name with Country of Origin  
against application No.444/2018 only)**

For : Existing entry.

Read : Anglo American Services (UK) Ltd  
United Kingdom

**CORRIGENDUM**

In the Gate of Pakistan Part V issued dated 16-08-2016, under the heading "APPLICATIONS ACCEPTED". The following correction are as under :-

**PATENT NO. 142865**  
**APPLICATION NO.28/2012**

**(The extra space/gap removed against line no.27 i.e. the line no 27 start from the margin only.)**

**CORRIGENDUM**

In the Gate of Pakistan Part V issued dated **16-08-2016**, under the heading "**APPLICATIONS ACCEPTED**". The following correction are as under :-

**PATENT NO. 142866**  
**APPLICATION NO.34/2012**  
**(Correction in the Title only)**

For : Existing entries.

Read: "Method for Drying Wet Substrate"

**CORRIGENDUM**

In the Gate of Pakistan Part V issued dated **16-08-2016**, under the heading "**APPLICATIONS ACCEPTED**". The following correction are as under :-

**PATENT NO. 142878**  
**APPLICATION NO.67/2016**

**(The gap removed against word in line no.14 only)**

**For: where after**

**Read: whereafter**

**NEW APPLICATIONS FOR THE INDUSTRIAL DESIGNS**

<b>S. No.</b>	<b>Design No.</b>	<b>Title &amp; Class</b>	<b>Applicant</b>
<b>03/08/2018</b>			
1	19474	Serving Dish with Lid (Class-03)	DOVE MELAMINE WARE
2	19475	Plate (Class-03)	DOVE MELAMINE WARE
3	19476	STREET LAMP (Class-1)	ICGH Investment and Consulting GmbH
4	19477	STREET LAMP (Class-01)	ICGH Investment and Consulting GmbH.
<b>08/08/2018</b>			
1.	19478	Ilham (Round Tin Box) (Class-03)	M/s. Ilham international company and also trading as Talal International company
2.	19479	Motorcycle (Class-01)	Honda Motor Co., Ltd.
<b>09/08/2018</b>			
3.	19480	IOT Connected Water Throw Monitoring Sleeve (Class -03)	National Institute Of Science And Technology (NUST)
4.	19481	Mountable Lamp With Onboard Power Generation Mechanism For Hand Pumps (Class 01)	National Institute Of Science And Technology (NUST)
5.	19482	Water Flow Monitoring Sleeve For Downward Bent Hand-Pump Pipes (Class 03)	National Institute Of Science And Technology (NUST)
6.	19483	IOT Based Tap Water Flow Monitor Using Electrodes (Class 03)	National Institute Of Science And Technology (NUST)
7.	19484	IOT Based Tap Water Flow Monitors With Reed Switch Based Flow Detection Mechanism (Class 03)	National Institute Of Science And Technology (NUST)
8.	19485	Flexes Counter For Hand Pumps For Water Output Monitoring (Class-03)	National Institute Of Science And Technology (NUST)

9.	19486	Commode (class no. 03)	Munawar & Sons
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### **REGISTRATION OF DESIGNS**

The following designs have been registered.

S. No.	Design No.	Title & Class	Applicant
<b><u>09/08/2018</u></b>			
1.	19306	Nail Polish Bottle (Class-04)	Aftab & Sons
2.	19313	Packaging Box (Class-05)	Aftab & Sons



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