রেজিস্টার্ড নং ডি এ-১

বাংলাদেশ গেজেট

কর্তৃপক্ষ কর্তৃক প্রকাশিত

বৃহস্পতিবার, সেপ্টেম্বর ১০, ২০১৫

৪র্থ খণ্ড

প্রথম খণ্ডে অন্তর্ভুক্ত প্রজ্ঞাপনসমূহ ব্যতীত পেটেন্ট অফিস কর্তৃক জারীকৃত প্রজ্ঞাপনসমূহ।

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

পেটেন্ট, ডিজাইন ও ট্রেডমার্কস অধিদপ্তর

শিল্প মন্ত্রণালয়

গৃহীত পেটেন্ট দরখাস্ত

Accepted Patent Application

এতদ্বারা জানানো যাইতেছে যে, নিম্নে বাম পাশে উল্লেখিত যে কোন পেটেন্ট আবেদন পত্র সম্পর্কীয় উদ্ভাবনের জন্য পেটেন্ট মঞ্জুরীর বিরুদ্ধে যে সকল ব্যক্তি বিরোধিতা করিতে ইচ্ছুক তাঁহারা এই গেজেট প্রকাশের তারিখ হইতে চার মাস সময় সীমার মধ্যে যে কোন সময় পেটেন্ট, ডিজাইন ও ট্রেডমার্কস অধিদপ্তর, (পেটেন্ট ও ডিজাইন উইং), শিল্প মন্ত্রণালয়, (৬ষ্ঠ তলা) ৯১, মতিঝিল বা/এ, ঢাকা-১০০০, বাংলাদেশ এই ঠিকানায় ১৯৩৩ইং সনের পেটেন্ট ও ডিজাইন বিধিমালা-১৯৩৩ অনুযায়ী ৬ নং নির্দিষ্ট ফরমে বিরোধিতা নোটিশ দাখিল করিতে পারিবেন।

নিম্নে ডান পাশে প্রদর্শিত সাত অংক বিশিষ্ট সংখ্যাগুলি পূর্ণাঙ্গ বিশেষত্বনামা গৃহীত হইবার পর পেটেন্ট নম্বর প্রদান করা হইয়াছে এবং এই ক্রমিক সংখ্যা অনুসারে বিনির্দেশ মুদ্রণ করা হইবে এবং পরবর্তী কার্যক্রম গ্রহণ করা হইবে।

গৃহীত পেটেন্ট দরখাস্তসমূহের সাময়িক (যদি থাকে) ও পূর্ণাঙ্গ বিশেষত্বনামা জনসাধারণের পরিদর্শনের জন্য অফিস চলাকালীন সময়ে অত্র অধিদপ্তরে প্রদর্শিত হয়। যে কোন আবেদনকারীর প্রয়োজনে টাইপ-রাইটারে মুদ্রিত বিশেষত্বনামা প্রত্যায়িত প্রতিলিপি সরবরাহ করা যাইতে পারে যদি তিনি ২৯ নং ফরমে নির্দিষ্ট ফিসহ আবেদন দাখিল করেন এবং বিশেষত্বনামা টাইপ করিবার জন্য নির্দিষ্ট ফি পরিশোধ করেন।

লঘুবন্ধনীর মধ্যে প্রদর্শিত তারিখ ১৯১১ ইং সনের পেটেন্ট ও ডিজাইন আইনের ৭৮ক ধারা/প্যারিস কনভেনশনের বিধান অনুযায়ী অগ্রাধিকার তারিখ রূপে দাবী করা হইতেছে এবং যে দেশে দরখাস্তটি প্রথম দাখিল করা হইয়াছে সেই দেশের নাম তৎসংগে উল্লেখিত হইয়াছে।

Notice is hereby given that all persons interested in opposing the grant of patent on any of the application referred to below may at any time within four months from the date this Gazette, give notice at the Department of Patents, Designs & Trademarks, (Patent & Design Wing), Ministry of Industries (5th Floor), 91, Motijheel C/A, Dhaka-1000, Bangladesh in the prescribed form-6 of the Patents and Designs Rules, 1933.

The seven figures numbers shown in the right hand side are those given to the application on acceptance of the complete specifications and under which the specifications will printed and subsequent proceeding will be taken.

The complete specifications of the accepted applications are open to the public inspection at this office at any time on all working days, if required typed copies of the specifications can be supplied by this office on payment of the prescribed charge which may be ascertained on application to this office.

The priority dates of the applications and the names of the countries in which the application to have been filed first are shown in the crescent brackets. The priority dates are claimed Under Section 78A of the Patents and Designs Act, 1911/ provisions under this Pairs Convention.

Application No	Date of filing & Address of the applicant	Title of the Invention
51/2013	COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH (whose legal address is Anusandhan Bhawan, Rafi Marg, New Delhi-110001, India) Priority: IN 799/DEL/2012 Date: 19-03-2012	COMPACT ANAEROBIC DIGESTION SYSTEM FOR HOUSEHOLD ORGANIC WASTES *IPC:* C05F 17/00, 17/02 **1005599** **Abstract:** The present invention provided a compact anaerobic digestion system to convert household waste biomass materials to methane rich biogas and concentrated compost slurry of about 9 to 40% solids for agriculture soil applications. The horizontal anaerobic digester vessel comprising a horizontal vessel provided with insulation and preferably cylindrical at the bottom, fitted inside of the said vessel is at least one shaft with 4-100 radial or horizontal or diagonal baffles at equal distribution, and attached with a handle or wheel outside the vessel to rotate the shaft from outside, the said vessel being provided with minimum of one port at one end for introducing the raw biomass wastes and another set of ports for discharging stabilized wastes at the opposite end, and having one valve-controlled gas port of above the level of the said port for discharging stabilized wastes a small hand operated shredder coupled to the digester vessel for shredding/cutting/crushing large and hard solids such as bones to get particles preferably lesser than 10 mm sizes. The waste falls inside the digester and gets mixed slowly while being fed by rotating the handle attached to a shaft having baffles inside the digester.
69/2013	HOLOGRAM. INDUSTRIES, Citizenship: French, (whose legal address is 22 avenue de 1'Europe Parc Gustave Eiffel, 77600 Bussy Saint Georges, France) Priority: FR 1253444 Dated: 13/04/2012	OPTICAL SECURITY COMPONENT, FABRICATION OF SUCH A COMPONENT AND SECURE PRODUCT EQUIPPED WITH SUCH A COMPONENT. *IPC:* B 42D 15/00 **1005590** **Abstract:** 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.

Application No	Date of filing & Address of the applicant	Title of the Invention
103/2013	Jakaria Mahdi Imam, (whose legal address is 711, 2nd Floor, Six Building, North Kafrul, Dhaka-1206, Bangladesh)	System And Method for Integrating Navigation High Data Rate Assisting Device/Devices with a Conventional Autopilot. ***IPC:*** G 05D 1/00 **1005606** **Abstract:** System and method for controlling a vehicle (land, water, underwater, air) using an autopilot in addition with other navigation assisting device/devices (optical camera, IR camera, thermal camera, night vision camera, RADAR, SONAR etc). The navigation assisting device/devices are connected to a separate processor which processes the output of the navigation assisting device/devices and the processed output is sent to the autopilot in a format which is easier for the autopilot to read. Thus an easier method is used to integrate the navigation assisting device/devices with the autopilot for better autonomous navigation or other specific type of navigation as per need.
105/2013	Huntsman Advanced Materials (Switzerland) GmbH., a Swiss company, (whose legal address is klybeckstrasse 200, 4057 Basel,Switzerland) **Priority:** EP12172247.4, Dated: 15/06/2012	FIBRE-REACTIVE DYES, THEIR PREPARATION AND THEIR USE. *IPC:* C 09B 62/006 **1005597** **Abstract:** Reactive dyes of formula (1) wherein Q1 and Q**:** or 4-carbamoylpyridin-1-y1, Y is vinyl or a radical-CH2-CH2-U and U is a group removable under alkaline conditions, and q is the number 1 or 2, are suitable for dyeing and printing cellulosic or amide-group-containing fibre materials.
107/2013	Telefonaktiebolaget L M *Ericsson (Publ)* (whose legal address is SE-164 83 Stockholm, Sweden) **Priority:** US 61/677120, Dated: 30/07/2012	BASE STATION AND METHOD FOR TRANSMITTING CONTROL INFORMATION TO A USER EQUIPMENT (UE). *IPC:* H 04L 50/00,H 04W 72/04 **1005605** **Abstract:** A method for transmitting to a UE control information comprising: channelization-code-set information (xccs,1, xccs,2, xccs,7); modulation-scheme and number of transport blocks information (xms,1, xms,2, xms,3, xms,4, xms.5); and precoding weight information (xpwipb,1, xpwipb,2, xpwipb,3, xpwipb,4). The method includes: multiplexing the channelization-code-set information, the modulation-scheme and number of transport blocks information and the precoding weight information to give a sequence of sixteen bits x1,1, x1,2, x1,16, where x1,i =xccs,i for i=1,2, 7; x1,i= xms,i-7 for i=8,9,10,11,12; and x1,i=xpwipb,i-12 for i=13,14,15,16; applying rate 1/2 convolutional coding to the sequence of bits x1,1, x1,2,x1,16 to obtain bit sequence z1,1, z1,2, z1,48; and puncturing the bits z1,1,z1,2, z1,4, z1,8, z1,42,z1,45,z1,47, z1,48 from sequence z1,1, z1, z1,2, z1,48 to obtain an output sequence r1,1,,r1,2,r1,40.

Application No	Date of filing & Address of the applicant	Title of the Invention
109/2013	Jakaria Mahdi Imam, Nationality: Bangladeshi (whose legal address is 711, 2nd Floor, Six Building, North Kafrul, Dhaka-1206, Bangladesh)	New Propulsion Method *IPC:* F 02B 3/06, 75/02, H 02V 7/18 **1005607** **Abstract:** This invention discloses a new method of propulsion for land, water and air vehicles generally this invention does not describe the detailed description of external mechanical power source for the propulsion; but this method mainly discloses the technique of this new propulsion. Most of the conventional propulsion methods tries to reduce drag, where as drag is the key to this new propulsion method. For this new propulsion method one of the main concerns is to create increased drag. Higher drag means higher efficiency for this method and this method requires and welcomes higher drag.
119/2013	BAYER CROPSCIENCE NV(whose legal address is IP Department, JE Mommaertslaan 14, BE-1831 Diegem, Belgium) Priority: EP 12175303.2 Dated: 06/07/2012	BRASSICA ROD1 GENE SEQUENCES AND USES THEREOF. *IPC:* C 11B 1/00, C 12N 15/54, 15/82 **1005600** **Abstract:** The present invention relates toBrassica junceaROD1 nucleic acid sequences and proteins and the use thereof to create plants with increased levels of C18:1 and reduced levels of saturated fatty acids in the seeds.
138/2013	LAKSHMI MACHINE WORKS LTD., an Indian Company, (whose legal address is Peranaickenpalayam, Coimbatore 641020, Tamilnadu State, India) Priority: IN 812/CHE/2012 Dated: 11/07/2012	AN IMPROVED TEXTILE LAP FORMING MACHINE. *IPC:* D01 G 27/02 **1005613** **Abstract:** According to the present invention, an improved textile lap forming machine comprises a creel for feeding the said slivers; silver table for guiding the said slivers; console for orienting the plurality of slivers; guide rollers for guiding the web; calendaring zone for compressing the said sliver web; and a lap winding zone for winding the sliver web into a roll, wherein the said lap forming machine has no drafting rollers.
140/2013	The V Limited, Nationality-New Zealand Company, (whose legal address is c/o James & Wells, Level 9, 56 Cawley Street, Ellerslie, Auckland 1051, NewZealand) Priority: NZ 601206 Dated: 11/07/2012	Sports Training Device. *IPC:* A 63B 67/20, 69/00 **1005591** **Abstract:** A sports training apparatus for enhancing a users' playing technique of ball sports such as cricket. The apparatus comprises a frame with two front spaced legs and a rear spaced leg; a flexible net attached to the frame and extending across the space formed between each of the front spaced legs and the tear spaced let to form two converging net panels, wherein the net is reinforced along each edge of the net and horizontally along a vertical planed of convergence of the two net panels from a top edge to a bottom edge of the net to facilitate rebound of the ball when driven into the net; and a ball suspended on a line, the line attached to the frame at a swivel configured to facilitate rotation of the line about the line attachment point.

Application No	Date of filing & Address of the applicant	Title of the Invention
141/2013	WATERTEC (MALYSIA) SDN BHD, *a company duly organized* and existing under the laws of the Malaysia. (whose legal address is LOT 6, *JALAN HALBA, 16/16* SECTION 16, 40200 SHAH ALAM, SELANGOR DARUL EHSAN, Malaysia) *Priority:* PI 2012003378 Dated: 26/07/2012	CLAMPING DEVICE FOR MOUNTING A FAUCET HEAD. *IPC:* E 03C 1/04 **1005592** **Abstract:** A clamping device for mounting a faucet head (F) on a mounting surface (D) consisting of a hollow tubular shank (70) and a mating hollow tubular clamping nut (80). The hollow tubular shank (70) is attachable to the faucet head (F) and has shank-threading on its external surface and serves as a conduit for the two water inlet hoses (58H,58C) to the mixer cartridge (56) of the faucet head (F). The lower end (70L) of the tubular shank (70) is dimensioned to extend through a receiving hole in the mounting structure (D) and matingly engages the hollow tubular clamping nut (80) which has complementary nut-threading on its internal surface in a clamping fashion to mount the faucet head (F) on the mounting surface (D). The tubular clamping nut (80) is an elongate structure and sized to comfortably fit into a faucet installer's palm so that it can be easily gripped and twisted by hand for the mating action with the tubular shank (70) without the need for the use of tools.
144/2013	Novozymes A/S, a Company incorporated under the laws of Denmark. (whose legal address is Krogshoejvej 36, DK-2880 Bagsvaerd, Denmark) Priority:	A METHOD OF TREATING POLYESTER TEXTILE. *IPC:* C 12N 9/16, 9/24, D 06M 16/00 **1005611** **Abstract:** The present invention relates to the use of glycosyl hydrolase family 61 polypeptides in the presence of cutinasesforpolyester textile manufacture as well as a textile composition comprising glycosyl hydrolase family 61 polypeptides and cutinases.
166/2013	Huntsman Advanced Materials (Switzerland) GmbH, a Swiss company of (whose legal address is Klybeckstrasse 200, 4057 Basel, Switzerland) Priority: EP 12178163.7 Dated: 27/07/2012	Disperse azo dyes, a process for the preparation thereof and the use thereof. *IPC:* C 09B 29/036,29/08 **1005602** **Abstract:** The present invention relates to azo dyes of formula wherein R1 denotes C1-C12alkyl which is unsubstituted or substituted by one or more C1-C12alkoxy groups, hydroxyl groups, amino groups, cyano groups or halogen atoms and which may be interrupted one or more times by the radical –O-, -S-,-NR4-, -COO- or –OOC-; R4 is hydrogen or C1-C12alkyl; either R2 is cyano and R3 is halogen or R2 is halogen and R3 is cyano; and Ar represents a carbocyclic or heterocyclic aromatic radical, to the process for the preparation thereof, to mixtures containing said dyes and to the use thereof in dyeing or printing semi-synthetic and especially synthetic hydrophobic fibre materials, more especially textile materials.

Application No	Date of filing & Address of the applicant	Title of the Invention
168/2013	Telefonaktiebolaget LM Ericsson (Publ), a Swiss company of (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 61/679, 140 Dated: 03/08/2012	METHOD AND SYSTEM FOR RECEIVING CONTROL INFORMATION IN A RADIO COMMUNICATIONS NETWORK. *IPC:* H 04B 7/005, H 04W 28/02,36/12 **1005604** **Abstract:** Techniques for supporting both localized and frequency-distributed control channel messages in the same enhanced control channel region are disclosed. An example method begins with receiving (2010) a downlink signal comprising an enhanced control region consisting of at least two sets of physical resource block (PRB) pairs. The method continues with the forming (2020) of one or more distributed enhanced control channel elements (eCCEs) from a first set of PRB pairs by aggregating physical layer building blocks from multiple PRB pairs to form each distributed eCCE. One or more localized eCCEs are formed (2030) from a second set of PRB pairs by aggregating physical layer building blocks such that each of the localized eCCEs is formed from physical layer building blocks from within a single PRB pair of the second set. Control channel message candidates are formed (2050) from the distributed eCCEs and localized eCCEs, respectively, and decoded (2060).
169/2013	Telefonaktiebolaget LM Ericsson (Publ), a Swedish company of (whose legal address is SE-164-83 Stockholm, Sweden) Priority: US61/701,051 Dated: 14/09/2012	METHODS AND DEVICES RELATING TO DISCONTINUOUS RECEPTION. *IPC:* H 04W 76/04 **1005593** **Abstract:** Methods and devices relating to Discontinuous reception (DRX) mode are disclosed. In some embodiments a radio network controller detects that a User Equipment operating in a Discontinuous reception mode has performed an uplink transmission on a Random Access Channel, RACH and sends a signal to a Node B that received the uplink transmission indicating to the Node B that the UE has performed said uplink transmission and is continuously monitoring downlink transmissions, where the signal includes information identifying the UE.
171/2013	Fakhrul Islam, Proprietor, (whose legal address is Rahmania Organic Agro Industries, Vill: Uttar Madarsha (Kashem Ali Sikder Bari), P.O : Deodighi, P.S: Satkania, Dist: Chittagong-4386, Bangladesh) Priority:	A method for preparation of poultry feed composition containing natural food, natural pharmaceuticals and herbal ingredients. *IPC:* A 61D 7/00 **1005601** **Abstract:** The invention relates to a method for the preparation of poultry feed composition which produces poultry containing more proteins, vitamins and minerals. The eggs laid by the poultry also contains more proteins, vitamins and minerals. The method for the preparation of the poultry feed composition comprises mixing maize, soyameal/oilcake, rice bran, residue of wheat, oyster/pelts, common salt, oil and herbal ingredients in definite proportions thoroughly to obtain a homogenous product.

Application No	Date of filing & Address of the applicant	Title of the Invention
173/2013	BECTON DICKINSON FRANCE, a French National, (whose legal address is Rue Aristide Berges, 38800 LE PONT DE CLAIX, France) Priority: EP 12305971.9 Dated:03-08-2012 and EP 13305096.3 Dated: 28-01-2012	Closing system for a container. *IPC:* B65D 47/26 **1005594** **Abstract:** The invention relates to a closing system for a container to be hold with a single hand, said closing system comprising:-a cap (40) comprising a a skirt and a t (40) from a first position closing said access port (44) to a second position giving access to the access port.
174/2013	Telefonaktiebolaget LM Ericsson (Publ), a Swedish company of (whose legal address is SE-164 83 Stockholm, Sweden) Priority: SE PCT/SE2013/050939 Dated:30-07-2013 and US 61/678,906 Dated: 02-08-2012	METHOD AND APPARTUS FOR REDUCING SIGNALING IN A CORE NETWORK. *IPC:* H 04W 68/02, 76/04, 84/04 **1005595** **Abstract:** The disclosure relates to a method and apparatus in telecommunications, and particularly to reducing signaling in a core network involved in changes of states of a wireless terminal (4). According to the disclosure a reduced context is allocated based on parameters received by a base station (2). The reduced context is used by the base station for reconfiguring a RRC connection between the wireless terminal (4) and the base station (2) by means of the reduced context, such that the signaling is hidden from a Serving Gate Way, SGW (10).
179/2013	Novozymes A/S, a Company incorporated under the laws of Denmark (whose legal address is Krogshoejvej 36, DK-2880 Bagsvaerd, Denmark, Denmark) Priority: PCT/CN2012/ 080220 Dated: 16-08-2012	METHOD FOR TREATING TEXTILE WITH ENDOGLUCANASE *IPC:* C11D 3/00, C 12S 11/00, D 06M 16/00 **1005596** **Abstract:** The present invention relates to the method for manufacturing textile, by treating textile with an isolated polypeptide having endoglucanase activity, especially in biostoning and biopolishing process.
180/2013	Telefonaktiebolaget LM Ericsson (Publ), a Swedish company, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 61/679,969 Dated: 06-08-2012	SYSTEMS AND METHODS FOR REPORTING PILOT SIGNAL POWER INFORMATION IN A FOUR BRANCH MIMO SYSTEM. *IPC:* H 04B 7/04, H 04W 52/32, 52/42 **1005598** **Abstract:** The invention is related to a positive and/or negative flat electrode for a lead acid battery including a grid (2) and an active mass connected to the grid (2), the grid and/or the active mass being chosen among components and/or material likely to generate excessive shedding and/or mossing, the flat electrode further comprising a protection (1) tightly fitted on said grid and/or said active mass to limit said excessive shedding and/or mossing.

Application No	Date of filing & Address of the applicant	Title of the Invention
181/2013	AMER-SIL., a Luxembourg company, (whose legal address is 61 rue d' Olm, L-8281 Kehlen, Luxembourg) Priority:	POSITIVE AND/OR NEGATIVE FLAT ELECTRODE FOR A LEAD ACID BATTERY WITH A ROTECTION, BATTERY EQUIPPED THEREOF, PROCESS FOR MANUFACTURING *IPC:* H 01M 2/02, 4/14 **1005618** **Abstract:** The invention is related to a positive and/or negative flat electrode for a lead acid battery including a grid (2) and an active mass connected to the grid (2), the grid and/or the active mass being chosen among components and/or material likely to generate excessive shedding and/or mossing, the flat electrode further comprising a protection (1) tightly fitted on said grid and/or said active mass to limit said excessive shedding and/or mossing.
190/2013	SANOFI-AVENTIS DEUTSHLAND GmbH, a German company, (whose legal address is Bruningstrasse 50, D-65929 Frankfurt am Main, Germany) Priority: EP 12182564.0 Dated: 31-08-2012	Drug Delivery Device *IPC:* A 61M 5/24, 5/315 **1005620** **Abstract:** The invention relates to a reusable drug delivery device (1) for selecting and dis-pensing a number of user variable doses of a medicament. The device (1) comprises a housing (10, 20), a cartridge holder (80) for retaining a cartridge (81) containing the medicament, a piston rod (30) displaceable relative to the cartridge holder (80), a driver (40) coupled to the piston rod (30), a display member (60) for indicating a set dose and being coupled to the housing (10, 20) and to the driver (40), and a button (70) coupled to the display member (60) and to the driver (40).
194/2013	BP p.l.c, a British company. (whose legal address is 1 St Jame's Square, London, SWIY 4PD, United Kingdom) Priority: EP 12184420.3 Dated: 14-09-2012	A process for the treatment of an Alcohol composition comprising nitrogen-containing contaminants. *IPC:* C07C 1/24,29/76 **1006526** **Abstract:** A process for the treatment of an alcohol composition comprising nitrogen-containing contaminants, the process comprising contacting the alcohol composition with an adsorbent in an adsorption zone, wherein the adsorbent is a transition metal-loaded solid porous material selected from the group consisting of aluminosilicates, silica-aluminas, silicates and aluminas.

Application No	Date of filing & Address of the applicant	Title of the Invention
196/2013	STEPAN COMPANY (whose legal address is 22 W. FRONTAGE ROAD NORTHFIELD, ILLINOIS 60093, United States of America) Priority: US 61/700,821 Dated: 13-09-2012	AQUEOUS HARD SURFACE CLEANERS BASED ON MONOUNSATURATED FATTY AMIDES *IPC:* C 11D 1/52, 3/32 **1005615** **Abstract:** Aqueous hard surface cleaners and concentrates are disclosed. In one aspect, the cleaners comprise water, a monounsaturated C8-C14 fatty N,N-dialkylamide, and at least one anionic, cationic, nonionic, or amphoteric surfactant. The cleaners have a pH within the range of 6.0 to 9.0. Dilutable hard surface cleaner concentrates comprising the monounsaturated N,N-dialkylamide and a surfactant are also disclosed. Also included are aqueous hard surface cleaners which comprise a monounsaturated fatty N,N-dialkylamide, and which by measure of ASTM D4488-95 A5 soil, provide superior percent cleaning at a pH less than 10 than they do at pH 10 and higher. Surprisingly, when a monounsaturated C8-C14 fatty N,N-dialkylamide is included in the aqueous hard surface cleaner or concentrate, rapid and thorough cleaning performance can be achieved even at relatively neutral pH. Consequently, the hard surface cleaners are effective on greasy soils, including baked-on soils, despite their low alkalinity.
197/2013	S.A. LHOIST RECHERCHE ET DEVELOPPEMENT, a company organized under the laws of Belgium. (whose legal address is 28 rue Charles Dubois, B-1342 Ottignies-Louvain-Ia-neuve, Belgium) Priority: BE 2012/0602 Dated: 12-09-2012 and US 61/719,622 Dated: 29-10-2012	ULTRA FINE MILK OF LIME COMPOSITION *IPC:* B 01D 53/50, B 01j 20/04, C 01F 11/02 **1005627** **Abstract:** A composition of milk of lime comprising particles of slaked lime suspended in an aqueous phase, characterised in that said particles of slaked lime have a particle size described by a particle size distribution profile that is narrow and monomodal and the method of production thereof.
200/2013	Industries De Nora S.P.A., an Italian Company, (whose legal address is Via Bistolfi, 35-20134 Milan, Italy) Priority: IT MI2012A001736 Dated: 16-10-2012	ELECTOLYSIS CELL OF ALKALI SOLUTIONS. *IPC:* C 25B 1/10, 11/03, H 01M 4/86 **1005628** **Abstract:** The invention relates to an electrolysis cell of alkali solutions partitioned by an ion-exchange membrane into an anodic compartment in which an alkaline electrolyte is circulated and a cathodic compartment consisting of a gas chamber, the cathodic compartment contains a gas-diffusion cathode in whose interior an electrolyte film coming from the anodic compartment percolates.

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203/2013	TOKITAE CLLC., a corporation organized under the laws of the State of Delaware, USA (whose legal address is 11235 SE 6th Street, Suite 200, Bellevue, WA 98004-6481, USA,)	STACKABLE VESSELS. *IPC:* B 65D 1/04, 1/40, 23/10 **1005608** **Abstract:** The present disclosure relates to vessels and processes that may be used to fabricate vessels.
204/2013	TOKITAE LLC., a corporation organized under the laws of the State of Delaware, (whose legal address is 11235 SE 6th Street, Suite 200, Bellevue, WA 98004-6481, USA)	VESSELS AND PROCESSES TO FABRICATE VESSELS. *IPC:* B 65D 21/00 **1005612** **Abstract:** The present disclosure relates to vessels and processes that may be used to fabricate vessels.
205/2013	MALAYSIAN PALM OIL BOARD (MPOB)., a Board incorporated in Malaysian under the Malaysian Palm Oil Act, 1988 of (whose legal address is No. 6, Persiaran Institusi, Bandar Baru Bangi, 43000 Kajang Seangor Darul Ehsan, Malaysia) Priority: PI 2013001144 Dated: 01-04-2013	A PROCESS FOR FRACTIONATING REFINED TRIGLYCERIDE OIL., *IPC:* C 07C 51/43 **1005603** **Abstract:** The present invention relates to a process for fractioning refined triglyceride oil. The process according to the present invention attains a reproducible crystallization by introducing a controlled temperature profile and ensuing crystal development that reduce the amount of entrapped olein inside the crystals or crystal aggregates. The process of the present invention may be used to fractionate refined and or refined, bleached and deodorized vegetable oils especially refined and or refined, bleached and deodorized palm oil.
206/2013	MALAYSIAN PALM OIL BOARD (MPOB)., a Board incorporated in Malaysian under the Malaysian Palm Oil Act, 1988 (whose legal address is No. 6, Persiaran Institusi, Bandar Baru Bangi, 43000 Kajang Seangor Darul Ehsan, Malaysia) Priority: PI 2013001143 Dated: 01-04-2013	A PROCESS FOR FRACTIONATING CRUDE TRIGLYCERIDE OIL *IPC:* C 11B 7/00 **1005609** **Abstract:** The present invention relates to an improved process for fractionating triglyceride oil. The process according to the present invention attains a reproducible crystallization by introducing a controlled temperature profile and ensuing crystal development that reduce the amount of entrapped olein inside the crystals or crystal aggregates. The process of the present invention may be used to fractionate vegetable oils such as palm oil or its blends with other palm oil products or edible vegetable oils.

Application No	Date of filing & Address of the applicant	Title of the Invention
207/2013	SSM SCHARER SCHWEITER METTLER AG. A Swiss Company, (whose legal address is Neugasse, 10, 8812 Horgen, Switzerland, Switzerland) Prority: EP 12194031.6 23-11-2012	THREAD GUIDE UNIT FOR MOTION DAMPER IPC: B 65H 54/28, F 16F 7/08 1005610 **Abstract:** The invention concerns a thread guide unit (10) comprising-a thread guide (12);-a traction mechanism (14) which is guided around a deflection roller (16) and around a tension roller (18) and is fixed to the thread guide (12);- a drive (24) for reciprocating the traction mechanism (14);- a pretensioning element (34) which retains the tension roller (18) in a tensioned position tensioning the traction mechanism, and-a motion damper (36) for the tension roller (18), the motion damper having an elastomeric damper element (44) with a plurality of damper lamellas (46). Each free end (50) of the damper lamellas (46) abuts a friction surface (48) of the thread guide unit (10) in frictional engagement, wherein, in the tensioned position of the tension roller (18), each damper lamella (46) is arranged to extend at an acute angle (a) with respect to the friction surface (48) and can be erected with respect to the friction surface (48) out of its tensioned position by a displacement motion of the tension roller (18). The intention also relates to a motion damper for the thread guide unit as well as to a method for producing the motion damper.
214/2013	Tonmoy Ananda Paul, a Bangladeshi national of (whose legal address is 15/18 Sher Shah Suri Road, (B-4) Mohammadpur, Dhaka-1207, Bangladesh) Priority:	Nutraceutical composition for Reducing blood Sugar and Cholesterol & the Process thereof. IPC: A 61K 36/00 **1005634** **Abstract:** The Nutraceutical compositions which comprising the following composition:-fruiting body of pleurotus ostreatus (a species of mushroom) dries at moisture level 4-5% and then grinds; the leaves (5 kg) of stevia rebaudiana are dried at 50° C, treated with non polar organic solvent to remove color pigments and waxy material present on the surface of stevia leaves.
218/2013	PANASONIC CORPORATION, a Japanese company, (whose legal address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan) Priority: JP 2012-225551 Dated: 10-10-2012	FIBER BOARD AND METHOD FOR PRODUCING THE SAME IPC: D 04H 1/485 **1005614** **Abstract:** To provide a fiber board that has favorable strength, dimensional stability, and moisture permeability, and can reduce the weight. A fiber board can be obtained by bonding of fibers with a particulate adhesive. Fibers are composed of a mixture of main constituent fibers and fine fibers. A mixing ratio of the main constituent fibers and the fine fibers is 50:50 to 90:10 by weight ratio. Main constituent fibers are fibers formed of plant fibers, and have an average fiber length of 5 mm or more to 100 mm or less, and an average fiber diameter of 70 am or more to 400 am or less. Fine fibers are fibers obtained by fibrillating of one kind or more of plant fibers selected from hemp-based natural fibers, palm fibers, and agricultural waste fibers in a range of an average fiber diameter of 20 am or more to less than 70 am.

Application No	Date of filing & Address of the applicant	Title of the Invention
219/2013	Shahjalal University of Science and Technology (SUST) (Whose legal address is Kumargaon, Sylhet-3114, Bangladesh) Priority:	Novel method and apparatus for monitoring oxygen consumption in a multi-phase reaction system. *IPC:* B 01D 45/02, C 02F 1/04, 1/20 **1005619** **Abstract:** A novel method and apparatus is designed for monitoring oxygen consumption in a multi-phase reaction system of a batch reactor. It consists of a temperature-controlled closed reaction chamber equipped with two oxygen-sensing probes and is connected to a well-type liquid manometer. The new device monitors simultaneously the variation of oxygen concentration in both the liquid and gas phases, as well as the variation of pressure and volume in the gas phase. Experimental data are continually processed/or recorded in computer through data logger. Experiments have been conducted with a wastewater and a compost sample for demonstration purposes. Mathematical formulae have been derived for calculating oxygen consumption from component material balance over the whole system and finally, they have been used for the treatment of data collected from the demonstration experiments. Provision is available for the monitoring of oxygen consumption process in a multi-phase flowing system and also for the monitoring of oxygen generation in photosynthesis process.
225/2013	SICPA HOLDING SA, a company incorporated under the laws of Switzerland. (whose legal address is Avenue de Florissant 41, 1008 Prilly, Switzerland) Priority: EP-12190376.9 Dated: 29-10-2012	Protective coatings for security documents. *IPC:* B 41M 7/00, B 42D 15/00, C 09D 171/00 **1005621** **Abstract:** The present invention relates to the field of the protection of security documents, in particular banknotes, agains premature detrimental influence of soil and/or moisture upon use and time. In particular, it relates radiation curable protective varnishes comprising one or more cationically curable compounds and one or more di-hydroxyl-terminated perfluoropolyether compounds of the general formula HO-(CH2CH2O)c-CH2-CF2O-(CF2-CF2-O)a-(CF2O)b-CF2-CH2-(OCH2CH2)d-OH, wherein a and b independently are integers in a range between o and 50, wherein a + b ≥ 1, and wherein c and d may be the same or different and are in the range of 1-20, and their uses for providing a protective coating or layer on a security document.
231/2013	Dystar Colours Distribution GmbH (whose legal address is Am Prime Parc 10-12, D-65479 Raunheim, Germany) Priority: EP 12007323.4 Dated: 25-10-2012 and EP 12189853.0 Dated: 25-10-2012	Mixtures of fiber-reactive azo dyes, their preparation and their use IPC: C 04D11/02, C 09B 67/00 1005616 **Abstract:** Mixtures of fiber-reactive azo dyes, their preparation and their use. The present invention relates to dye mixtures comprising one or more dye(s) of: formula (I) NH2 O S MO OH S O OM D1 – N=N N=N – D2 (I) and one or more dye(s) of: formula (II) N N D4 NH2 NH2 N N D3 R201 R200 (II) and optionally one or more dye (s) of: formula (IV) S O MO O OH N N D4 N N N D3 R*(IV) to processes for their preparation and to their use for dyeing and printing hydroxyl and carboxamido-containing materials.

Application No	Date of filing & Address of the applicant	Title of the Invention
233/2013	UNILEVER PLC, a company registered in England (whose legal address is 41424 of Unilever House, 100 Victoria Embankment, London DC4Y ODY, United Kingdom) Priority: EP12190931 Dated: 01-11-2012	FILTER MEDIUM CONTAINING FIBRES. IPC: B 01D 39/20, C 02F 1/28, 1/50 **1005629** **Abstract:** Disclosed is a filter for purification of water having a filter medium; and a metal or an alloy thereof which has oligodynamic effect wherein said metal or an alloy thereof is in the form of fibres. A preferred metal is selected from silver, copper, zinc, gold or aluminium. It is preferred that aspect ratio of the fibers is range of 3 to 200. The disclosed filter on an average provides at least 5 log 10 removal each of bacteria and virus from water.
234/2013	Saurer Components GmbH, a German company, (whose legal address is Maria Merian-StraBe 8, 70736 Fellbach, Germany) Priority: DE 102012021401 4 Dated: 31-10-2012	Spindle bearing device, textile machine and method for operating a spindle bearing device and use of an O-ring element IPC: D01H 7/12, F 16C 17/10, 17/26 **1005617** **Abstract:** The invention relates to a spindle bearing device (1; 101) for mounting a spindle with a housing sleeve (3; 103) for holding a spindle collar unit (6; 106) and a spindle step unit (2; 102), in which the spindle step unit (2; 102) comprises a bearing bush element (11; 111), within which both a spindle axial bearing element (12; 112) for the axial mounting of the spindle and a spindle radial bearing element (13; 113) for the radial mounting of the spindle are arranged together. According to the invention it is provided that the bearing bush element (11; 111) of the spindle step unit (2; 102) is arranged axially prestressed relative to the spindle collar unit (6; 106) within the housing sleeve (3; 103), the bearing bush element (11; 111) being loaded both by a first spring element (30, 130), in particular a helical compression spring element (31; 131), which is arranged between the base region (8; 108) of the housing sleeve (3; 103) and the bearing bush element (11; 111), and by a second spring element (22; 122), in particular a resiliently deformable elastomer body element (23), which is arranged between the bearing bush element (11; 111) and the spindle collar unit (6; 106).

Application No	Date of filing & Address of the applicant	Title of the Invention
235/2013	Saurer Components gmbH, a German company (whose legal address is Maria-Merian-StraBe 8, 70736 fellbach, Germany) Priority: DE 10 2012-021-439.1 Dated: 31-10-2012	Spindle step unit of a spindle bearing device, spindle bearing device and textile machine. IPC: D 01H 7/12, F 16C 17/26, 27/06 **1005630** **Abstract:** In order to further structurally simplify conventional spindle bearing devices, the invention proposes a spindle step unit (1) of a spindle bearing device (2) for mounting a spindle, the spindle step unit (1) having a spindle axial bearing element (11) for the axial mounting of the spindle and a spindle radial bearing element (12) for the radial mounting of the spindle, the spindle axial bearing element (11) and the spindle radial bearing element (12) being held in a common bearing bush element (10), and the common bearing bush element (10) being arranged so as to be both axially and radially mounted on a housing sleeve (3) of the spindle bearing device (2) by means of at least one axial-radial support element (22A, 22B), which is configured in one piece and resiliently.
239/2013	LAKSHMI MACHINE WORKS LTD., an Indian company(whose legal address is Perianaickenpalayam, Coimbatore 641 020, Tamil Nadu, India) Priority: IN 4781/CHE/2012 Dated: 16-11-2012	AN APPARATUS FOR REGULATING A WORKIN GAP IN A CARDING MACHINE AND THE METHOD THEREOF IPC: D01G 15/28 **1005622** **Abstract:** An apparatus (100) for regulating a working gap in a carding machine comprising: a carding cylinder (1) rotating in a predetermined direction; flats assembly (11) revolving above the carding cylinder (1); a covering element (9) provided over the carding cylinder (1); a cylinder-bend (2) provided for mounting the covering element (9) wherein, a split segment (6) is provided in the cylinder-bend.
246/2013	JX Nippon Oil & energy Corporation, a Japanese company, (whose legal address is 6-3, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-8162, Japan) Priority: JP 2012-246528 Dated: 08-11-2012	LUBRICATING OIL COMPOSITION AND CONTROL METHOD OF MANUFACTURING LINE IPC: C 10M 101/00, 107/02 **1005631** **Abstract:** A control method of a manufacturing line of the present invention comprises a step of preparing a lubricating oil composition comprising, based on the total amount of the lubricating oil composition, 50% by mass or more of a base oil whose aniline point and kinematic viscosity at 40°C satisfy a condition represented by the formula (1): 0.4 × (aniline point) – 15× Log (kinematic viscosity at 40°C) 20 (1), the lubricating oil composition emit visible light when being irradiated with ultraviolet by a black light, and a step of observing pollution, stain, or degradation of a product due to a substance that is luminous for ultraviolet by irradiating the product with ultraviolet, while using the lubricating oil composition, in the manufacturing line in which a lubrication oil is used.

Application No	Date of filing & Address of the applicant	Title of the Invention
275/2013	LINC ENERGY LTD. (whose legal address is GPO BOX 1315, Brisbane, Queensland 4001 Australia) Priority: AU 2012905490 Dated: 14-12-2012	APPARATUS FOR IGNITING AN UNDER-GROUND COAL SEAM. IPC: E 21B 43/243, 43/295 1005623 **Abstract:** The invention provides a device for igniting an underground coal seam.
278/2013	LAKSHMI MACHINE WORKS LIMITED, An Indian Company. (whose legal address is Perianaickenpalayam, Coimbatore 641 020, Tamilnadu State, India) Priority: IN 399/CHE/2013 Dated: 30-01-2013	AN IMPROVED SUCTION NOZZLE IN A TEXTILE MACHINE IPC: D 01H 11/00 **1005624** **Abstract:** The present invention relates to an improved suction nozzle arrangement for use in compact spinning machine. The improved suction nozzle arrangement (5) comprising condensing zones (5a, 5b) provided with suction slots (7a, 7b). The position of suction slots (7a, 7b) is asymmetry from the center (13) of the nozzle (5).
279/2013	LAKSHMI MACHINE WORKS LIMITED, a Indian Company, (whose legal address is Perianaichenpalayam Coimbatore- 641 020, Tami Nadu State, India) Priority: IN 527/CHE/2012 Dated: 18-12-2012	AN IMPROVED CHUTE ASSEMBLY FOR FEEDING FIBRE MATERIAL TO FIBRE PROCESSING MACHINE. IPC: D 01G 15/20, 23/06, 9/16 **1005625** **Abstract:** An improved chute assembly for feeding fiber material to the fibre processing machine comprises feed roller and opening roller. Further, a stripper roller is provided immediately below opening roller in the chute . The diameters of all the rollers are approximately same and extend over the entire width of the chute. Airflow is provided tangentilly in proximity to stripper roller to aid fibres stripping through pneumatic duct.
298/2013	LAKSHMI MACHINE WORKS LIMITED, An Indian company (whose legal address is Perianaickenpalayam, Coimbatore 641 020, Tamilnadu State, India)Priority: IN 14/CHE/2013 Dated: 02-01-2013	AN APPARATUS FOR CONTROLLING MOTORS OF TEXTILE RING SPINNING AND TWISTING MACHINE AND METHOD THEREOF. IPC: D 01H 1/244, 1/32 **1005632** **Abstract:** The present disclosure provides an apparatus (100) for controlling speed of suction fan motor (101) used for pneumafil waste collection during normal running of the machine and speed of a gripper rail motor (105) used for raising/lowering of the gripper rail during bobbin exchanging process.

MD. ELIAS BHUIYA
Deputy Registrar (Patent & Design).