

## কৰ্তৃপক্ষ কৰ্তৃক প্ৰকাশিত

বৃহস্পতিবার, মার্চ ৭, ২০১৯

### 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 Applications

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

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

গৃহীত পেটেন্ট দরখান্ত সমূহের সাময়িক (যদি থাকে) ও পূর্ণাঞ্চা 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 ফি সহ 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 উল্লিখিত 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 (5<sup>th</sup> 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 Paris Convention.

61/2016 Chiu-Huei, LIAO (LIAO is

family name), Nationality: Chinese Taipei, (Whose legal address is No. 123, Sec.3, Changxing Road, Luzhu Dist., Taoyuan City, 33852, Chinese Taipei., Taiwan, Province of China) Priority:

286/2016

Commonwealth Scientific and Industrial Research Organisation, Nationality: an organization organized and existing under the laws of Australia, (whose legal address is Clunies Ross St, Action, Australian Capital Territory, 2601, Australia) and Institute of Botany, Chinese Academy of Sciences, Nationality: an organization organized and existing under the laws of People's Republic of China, (whose legal address is 20 Nanxincum, Beijing, 100093, China)

Priority: AU 2015904754 Dated: 18/11/2015.

287/2016

H2FUEL Cascade B. V. A Limited Company incorporated in Netherlands, (whose legal address is Rouwkooplaan 5, AP Voorschoten 2251, Netherlands) Priority:

288/2016 H2FUEL Cascade B.V

119/2018

Hishab Limited, A Company incorporated under the laws of Bangladesh of (whose legal address is Road 96, House 4A, Gulshan 2, Dhaka, Bangladesh) **Priority:** 

#### **ENERGY-SAVING DYEING MACHINE**

IPC: D 06b 23/22

1005932

Abstract: An energy-saving dyeing machine includes a body, a liquid dyes supply device, a liquid dyes heating device having a direct-heating heat exchanger, and a cooling unit connecting to the direct-heating heat exchanger by a series connection. When heating up the liquid dyes, the liquid dyes enters the direct-heating heat exchanger from the liquid dyes supply device via a supply tube, saving several heating procedures and unnecessary energy wastes. Additionally, an outer wall is surrounding the body to form a surrounding space for the heated exhaust gas from the direct-heating heat exchanger to enter and reheat the liquid dyes in the body again, making a batter use of the heat energy.

#### Rice grain with thickened aleurone.

IPC: C 12N 9/24

#### 1006035

Abstract: The present invention related to rice grain with thickened aleurone. Also provided is a rice plant comprising at least one genetic variation which reduces the activity of at least one ROSI a gene in the plant. Grain of the invention, or aleurone therefrom, has improved nutritional properties, and hence is particularly useful for human and animal feed products.

### Method for Producing Metal Borohydride and Molecular Hydrogen.

IPC: C 01B 3/06

### 1006030

Abstract: Method for producing a metal borohydride and/or H2. The method comprises the following steps: A. producing a metal borohydride in a synthesis process, in which H2 is a reactant and the reaction further takes metal hydroxide and boron oxide or further takes metal boron oxide; B. producing H2 in a chemical reaction process, in which metal borohydride produced in step A and H2O are reactants, the amount of H2 produced in step B being larger than the amount of H2 required as a reactant in step A for the same amounts of metal borohydride as a reactant and a reaction product in steps B and A, respectively; and C. providing H2 produced in step C to step A, and repeating steps A, B and C. Part of the metal borohydride and/or H2 produced in steps A and B respectively, is withdrawn while leaving an amount of metal borohydride and H2, respectively, so as to allow repeating steps A, B and C.

Method and Apparatus for Obtaining a Mixture for

#### System and Method of Operating Open Ended Interactive Voice Response in Any Spoken languages.

IPC: H 04M 3/5166

#### 1006081

Abstract: System and method of operating open ended interactive voice response in any spoken languages such as Austroasiatic, Austronesian, Dravidian, Indo-aryan, Afroasiatic, Sino-Tibetan and Tai-Kadai, Discloses the invention of open Ended Interactive Voice Response System, wherein customer just have to speak their desired intention in a spoken languages and the system will take care of the rest, thus making it efficient, user friendly, secure and unified. Whereas, IVR also serves businesses by eliminating their need to create and maintain anyIVR systems, secure integration with other businesses and itself, worry about scalability of their systems.

Nationality: a Limited Company incorporated in Netherlands, (whose legal address in Rouwkooplaan 5, AP Voorschoten 2251, Netherlands).

## Producing H2 Corresponding Mixture, and Method and Apparatus for Producing H2

*IPC*: C 01B 3/06 **1006031** 

**Abstract:** A Method for obtaining a mixture for producing  $H_2$ , the mixture comprising a metal borohydride, Me (BH<sub>4</sub>)n, a metal hydroxide, Me(OH)n, and  $H_2O$ , in which Me is a metal and n is the valance of the metal ion. The  $H_2O$  is provided in ultrapure water, UPW, the UPW having an electrical conductance below I  $\mu$ S/cm. The method comprises dissolving the metal borohydride and the metal hydroxide in UPW to obtain the mixture for producing  $H_2$  comprising an amount of borohydride, BH<sub>4</sub>, groups of the metal borohydride in the range of 45 to 55% mol of the mixture, an amount of hydroxide, OH, groups of the metal hydroxide in the range of 2 to 5% mol of the mixture, and at least substantially UPW for the remainder of the mixture.

296/2016

Telefonaktiebolaget LM Ericsson (publ), a Swedish company, (whose legal address is SE-16483 Stockholm, Sweden) Priority: SE

PCT/SE2015/05:1314 Dated: 07/12/2015

306/2016

DANISCO US INC., a corporation organized and existing under the laws of USA., (whose legal address is 925 Page Mill Road, Palo Alto, CA 94304, United States of America) Priority: US 62/269678 Dated: 18/12/2015

310/2016

QUALCOMM Incorporated, and USA Nationality, (whose legal address is 5775 morehouse Drive, san Diego, California 92121-1714, United States of Americal) Priority: US 14/258, 541 Dated: 22/04/2014

## Methods and arrangements for authenticating a communication device

IPC: H 04L 29/06, 29/12, H 04W 12/02, 12/06

#### 1006038

Abstract: A Method and arrangements for enabling authentication of a communication device is suggested, where a network node, capable of oprating as an authentication server does not have to store all state related information relevant for a roundtrip of an authentication session. Instead of storing all this information, at least a part of it is provided to the authenticator or the communication unit, for later retrieval in a subsequent response. Based on the state related information provided in the response, the network node is capable of reproducing a state associated with a respective roundtrip. By repeating the mentioned process for a required number of roundtrips, an authentication session can be executed, where less state related information need to be stored at the mentioned network node.

## POLYPEPTIDES WITH ENDOGLUCANASE ACTIVITY AND USES THEREOF.

IPC: C 12N 9/24, 9.42

#### 1006032

Abstract: Disclosed herein are cellulase variants, or active fragments thereof, and polynucleotides encoding same, wherein the cellulase variants, or active fragments thereof, have endogluanase activity. Also disclosed herein are compositions comprising said cellulase variants, or active fragments thereof; vectors and/or host cells comprising the polynucleotides encoding said cellulase variants, or active fragments thereof; and methods for making and/or using said cellulase variants, or active fragments thereof and/or compositions containing same; wherein said cellulase variants, or active fragments thereof, have edogluance activity.

# LATENCY-BASED POWER MODE UNITS FOR CONTROLLING POWER MODES OF PROCESSOR CORES, AND RELATED MATHODS AND SYSTEMS

*IPC*: G 06F1/3203

### 1006028

**Abstract:** Latency-based power mode units for controlling power modes of processor cores, and related methods and system are disclosed. In one aspect, the power mode units are configured to reduce power provided to the processor core when the processor core has one or more threads in pending status and no threads in active status. An operand of an instruction being processed by a thread may be data in memory located outside processor core. If the processor core does not require as much power to operate while a thread waits for a request from outside the processor core, the power consumed by the processor core can be reduced during these waiting periods. Power can be conserved in the processor core even when threads are being processed if the only threads being processed are in pending status, and can reduce the overall power consumption in the Processor core and its corresponding CPU.

Mohammad Shahriar Ahmed Chowdhury (whose legal address is 219/7 Tejkunipara, Tejgaon, Dhaka-1215, Bangladesh); Mahmud Ibrahim (whose legal address is 23/1 Bizlle Moholla, Jannatbag, Mohammudpur, Dhaka-1207, Bangladesh); Khondaker Abdullah Al Mamun (whose legal address is Flat 2C, House-48, Road 6/A, Dhanmondi, Dhaka-1209, Bangladesh) and Mohammad Nurul Huda (whose legal address is 93, 94 Monsurabad Residential Area, Adabor, Dhaka-1207, All are Bangladeshi nationals.

341/2016

HSIL LIMITED, an Indian company, (whose legal address is 2 Red Cross Place, Kolkata-700001, west Bengal, India.

Priority: IT

102015000089503 Dated: 31/12/2015

1 / 2017

Green Impact Holding AG, a Company incorporated under the laws of Switzerland. (whose legal address is Alte Steinhauser Str. 1, 6330 Cham/Zug, Switzerland). Priority: EP 15203186.0 Dated: 30/12/2015; EP 16001875.0 Dated: 26/08/2016 and EP PCT/EP2016/054245 Dated: 29/02/2016.

#### A System and Method for Smart Irrigation.

IPC: A 01G 25/00, E 02B 13/00

1006043

Abstract: A System for Smart Irrigation which consists of fild sensors, Intelligent Pump Control Unit (IPCU), service provider or sponsor's server, regulatory server such as IDCOL's server, payment gateway server and communication system (3G and RFID) that used for exchanging information to make the decision, the IPCU will communicate with field sensors through RF network to measure water requirement in the crop field and to determine the amount of water supplied to the field; If water is required in the filed customer's account has certain balance, then the IPCU will open the valve automatically & will check the customer's balance and water requirement in regular interval; if the balance is below a certain limit or if water requirement is fulfilled, then the IPCU will close the valve automatically, sponsor's system will communicate with the central monitoring and control unit (server) of IDCOL through internet or 3G network & the amount of water supplied to each field and transaction history of each customer will be stored in the IDCOL's server for future references.

## CLOSING DEVICE FOR BOTTLES WITH EASILY REMOVABLE SECURITY TAB.

IPC: B 65D 47/12, 49/04

#### 1006044

Abstract: Closing device for bottles comprising a pourer, constrainable to the mouth of the bottle and having an upper portion provided with an outer thread and a lower portion, a stopper, having a side portion internally provided with a thread for coupling with the outer thread of the upper portion of the pourer, a cylindrical jacket for covering a lower portion of the pourer, wherein the cylindrical jacket is constrained both in rotation and in pulling off with respect to the pourer, and an annular removable tab arranged between the stopper and the cylindrical jacket so that, before the first opening of the closing device, the jacket is integral with the stopper, thereby preventing the rotation thereof. The removable tab is in the shaper of a ring which runs along the entire circumference of the closing device and is delimited by a first upper breakage line of connection with the stopper and by a lower breakage line of connection with the jacket. The jacket comprises a first upper abutment portion for coupling with a seat formed in the pourer, at the bottle neck, and a second lower abutment portion for housing the lower edge of the pourer.

Wash-durable, fluid absorbent substrate with antimicrobial properties and/or improved washability, in particular for reusable sanitary napkin.

IPC: A 01N 25/24, 47/44, A 61F 13/64, D 06M 11/13

#### 1006039

Abstract: The present invention is directed to a substrate, in particular textile material to which one or more antimicrobial and/or hydrophilic and/or stain release agents are adhered. The agent(s) is/are adhered to the substrate in such a manner that they are not reeased from the textile even if the textile is wetted or washed, so that the textile is reusable. Washability and/or usability of the textile are improved where one or more hydrophilic and/or stain release agents are adrered to the textile. The substrate can be used, e.g., in a reusable sanitary napkin or other hygiene product. The structure of the sanitary napkin is disclosed, together with a process of attaching the different layers of the sanitary napkin together by ultrasonic welding. The invention further relates to a method of finishing a substrate by applying and binding antimicrobial and/or hydrophilic and/or stain release agents to the substrate so that the agents are essentially irreversibly adhered to the finished substrate.

QUALCOMM Incorporated, a company incorporated under the law of USA, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America)
Priority: US 14/685,051 Dated: 13/04/2015 and US 61/986,734 Dated: 30/04/2014.

#### 15/2017

AMNIVOR MEDICARE
PRIVATE LIMITED, a Private
Limited Company organized and
existing under the laws of India,
(whose legal address is SCIENCE
& TECHNOLOGY
ENTERPRENEURS PARK,
INDIAN INSTITUTE OF
TECHNOLOGY HARAGPUR721302, WEST BENGAL, India,
Priority: IN 201631001353 Dated:
14/01/2016.

## 21/2017 QUALCOMM

Incorporated, a company incorporated under the laws of USA., (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/694, 618 Dated: 23/04/2015 and US 61/985,276 Dated: 28-04-2014

#### 22/ 2017 QUALCOMM

Incorporated, a company incorporated under the laws of USA., (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/694, 618 Dated: 23/04/2015 and US 61/985,276 Dated: 28-04-2014.

## TECHNIQUES FOR COORDINATING COMMUNICATIONS OVER AN UNLICENSED RADIO FREQUENCY SPECTRUM BAND.

IPC: H 04W 16/14, 74/08

#### 1006046

**Abstract:** Techniques are described for wireless communication. One method includes identifying, by a first transmitter, a first contention access protocol timing for accessing an unlicensed radio frequency spectrum band, and aligning a second contention access protocol timing with the first contention access protocol timing, the second contention access protocol timing being used by the first transmitter for accessing the unlicensed radio frequency spectrum band.

# PROCESS FOR EXTRACTION OF FISH COLLAGEN AND FORMULATIONS OF 3D MATRICES OF COLLAGEN FOR BIOMEDICAL AND THERAPEUTIC APPLICATIONS THEREOF

*IPC*: C 07K 1/36

#### 1006047

Abstract: Polyelectrolyte based bioactive super-absorbent material ionotropically crosslinked/neutralized involving polyvalent carboxylic acids, citrate, Kojic Acid, Alpha Arbutin along with fish scale collagen cross linked with other polyelectrolyte biopolymers preferably selected from chitosan, alginate or their combinations is used in this invention. The advancement is also directed to process of extraction of collagen of high purity from fresh water fish scale by salt and alkaline washing, crushing followed by continuous dialysis thereby minimizing the chance of collagen degradation. Also disclosed are different forms of collagen-chitosan composite biomaterial using citrate as the neutralizing buffer in combination with antimicrobial agent, antioxidant, skin plumper and melanin reducer wherein the different forms of collagen chitosan particularly sheet, flakes, powder, gel, particles, fiber, film, spray etc. reveal efficient wound healing properties. The advancement is thus directed to find wide application in various dermal wound healing, tissue engineering. 3D cell culture, cell expansion and cell delivery vehicle, mimicking the in vivo situation in dynamic condition, cosmetics and different other health care applications.

### SENSORS GLOBAL BUS.

*IPC*: G 06F 13/42

#### 1006049

Abstract: Systems, methods and apparatus are described that offer improved performance of a sensor bus. A first command is transmitted to devices coupled to a serial bus operated in a first mode in accordance with a first protocol to cause the serial bus to be operated in a second mode. After communicating in accordance with a second protocol while the serial bus is operated in the second mode, a second command is transmitted to the plurality of devices in accordance with the first protocol to terminate the second mode. In the second mode, extra symbols inserted into a sequence of symbols transmitted on the serial bus prevent the occurrence of an unintended signaling state on the serial bus. Pulses transmitted on a wire of the serial bus in the second mode may have their duration limited such that a filter of a second device suppresses the limited-duration pulses.

#### SENSORS GLOBAL BUS.

IPC: G 06F 13/42

### 1006050

Abstract: Systems, methods and apparatus are described that offer improved performance of a sensor bus. A first command is transmitted to devices coupled to a serial bus operated in a first mode in accordance with a first protocol to cause the serial bus to be operated in a second mode. After communicating in accordance with a second protocol while the serial bus is operated in the second mode, a second command is transmitted to the plurality of devices in accordance with the first protocol to terminate the second mode. In the second mode, extra symbols inserted into a sequence of symbols transmitted on the serial bus prevent the occurrence of an unintended signaling state on the serial bus. Pulses transmitted on a wire of the serial bus in the second mode may have their duration limited such that a filter of a second device suppresses the limited-duration pulses.

HONDA MOTOR CO., LTD., a company organized and existing under the laws of Japan, (whose legal address is 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556, Japan). Priority: JP 2016-013706 Dated: 27/01/2016

29/2017

HONDA MOTOR CO., LTD., a company organized and existing under the laws of Japan, (whose legal address is 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo, 107-8556, Japan). Priority: JP 2016-013722 Dated: 27-01-2016

31/2017

Abdul Kader Kibria and (whose legal address is Village-Sit Para, Post+P.S.:Nalitabari, district: Sherpur, Bangladesh) and Muhammad Yousuf Zamil, Nationality: All are Bangladeshi Nationals. (whose legal address is Village-Sit Para, Post+P.S.:Nalitabari, District: Sherpur, Bangladesh).

35/2017

SHIMIZU CORPORATION, a corporation organized and existing under the laws of Japan, (whose legal address is 16-1, Kyobashi 2-chome, Chuo-ku, Tokyo, Japan).

Priotity: JP 2016-019051
Dated: 03/02/2016

## MOTORCYCLES INCLUDING A COMBINED BRAKING SYSTEM.

IPC: B 62K 19/38, F 01P 11/08

#### 1006048

Abstract: A motorcycle includes a front wheel brake, a rear wheel brake, a first operating element generating a braking force to the front wheel brake through a first transmission member, a second operating element generating a force for braking of the front wheel brake and the rear wheel brake, a combined mechanism distributing the force generated by the second operating element, a combined brake cable transmitting the force distributed by the combined mechanism to the front wheel brake, a head pipe, and a holder member holding at least one linear member and the combined brake cable altogether. The holder member is arranged near the steering shaft, and includes a main holding portion supporting the combined brake cable and a sub-holding portion supporting the at least one linear member. The main holding portion is arranged at a position closer to a steering shaft.

#### MOTORCYCLES INCLUDING A COMBINED BRAKING SYSTEM.

IPC: B 62K 19/38,B 62L 3/00, F 01K 15/00

#### 1006051

Abstract: A motorcycle includes a front wheel brake, rear wheel brake, a brake pedal generating a force for braking of the front wheel brake and the rear wheel brake, a combined mechanism distributing the force generated by the brake pedal, a combined brake cable transmitting the force distributed by the combined mechanism to the front wheel brake, a head pipe, a main frame, and a bottom bridge. The combined brake cable is supported by a first cable support portion provided on an upper surface portion of the main frame and a second cable support portion provided on the bottom bridge. The combined brake cable includes a bending projecting portion that bends to project obliquely upward to a front side of the motorcycle in a side view of the motorcycle between the first and second cable support portions.

Electricity Producing System With Car Wheel

IPC: H01R 12/70, 12/83, 12/88

#### 1006052

Abstract: The system is electricity produced from car wheels speed inability and momentum. This system also transfers electricity from the car to the power station. An adjoining ring stick whith car wheels rim. An electricity producing generator is set upper back side of a car wheel. A gear is set with the generator. The adjoining ring and the gear attached by a chain. When the car starts moving car wheel, car rim, adjoining ring chain, gear and generator also start rotating. Electricity generates due to a rotating generator. The produced electricity reached, the wireless power transmission device through the wire. Electricity transfer from wireless electricity sender device to the wireless receiver device. After the receiving electricity sends through the cable for converting Direct Current to Alternative Current and is conducted to users, to electricity storage, or to processing components.

## EARTH RETAINING METHOD.

IPC: E02D 17/08

### 1006033

Abstract: An earth retaining method includes: a roller installing process of installing rollers between earth retaining walls facing each other in a given region of an excavated space, the rollers guiding supports in an excavating direction; a support installing process of guiding supports forward in the excavating direction by the rollers and installing the supports; an earth retaining wall supporting process of supporting the earth retaining walls which are adjacent to ends of the supports; and a concrete placing process of placing concrete on the ground of the given region. The processes from the roller installing process to the concrete placing process are repeated toward a front region in front of the given region from the given region in the excavating direction, and the supports used in the given region are used in the support installing process in the front region.

Bangladesh Council of Scientific and Industrial Research (BCSIR), a body corporate of the Government of Bangladesh, (whose legal address is Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Bangladesh).

37/2017

Bangladesh Council of Scientific and Industrial Research (BCSIR), a body corporate of the Government of Bangladesh, (whose legal address is Dr. Qudrati-Khuda Road, Dhanmondi, Dhaka-1205, Bangladesh).

41/2017

Telefonaktiebolaget LM Ericsson (publ), a corporation organized and existing under the laws of Sweden, (whose legal address is SE-164 83 Stockholm, Sweden),

Priority: US 62/291, 650 Dated: 05/02/2016

42/2017

Telefonaktiebolaget LM Ericsson (publ), a corporation organized and existing under the laws of Sweden, (whose legal address is SE-164 83 Stockholm, Sweden),

Priority: US 62/292, 199 Dated: 05/02/2016 The Production of Glass-Ceramic Tiles from Industrial Wastes (rice husk ash and waste glass)

*IPC*: C 04B 33/132

#### 1006053

**Abstract :** Recently Glass-Ceramic Tiles is a new, advanced and modern ceramic product because of excellent physical (water absorption), mechanical (modulus of rupture/strength) and chemical properties. Glass-ceramic materials contains the amorphous and crystalling phase le the properties of glass and ceramic. In glass-ceramic tiles, the first work is to form frit/glass. Glass-ceramic tile are made from Rice hush ash, waste glass and k-feldspar by mixing, melting the mixture at certain temperature to form frit/glass, grinding, shaping, pressing, and finally firing. The glass-ceramic tiles were fired at different temperatures in the range 850-1100 C with soaking time of Ih and the physico-mechanical properties and microstructure were investigated.

Self glazed cermic tiles from industrial wastes (waste glass).

IPC: C 04B 33/132

#### 1006054

Abstract: Recently Self glassed tiles are very popular in world because of excellent physical, mechanical and chemical properties. To improve the physical and mechanical properties, the surface of the normal ceramic tiles must be covered with a thin layer of glaze to increase its stability against aggressive agents, to make it impermeable to liquids and gases, and to improve the aesthetics of the ceramic tiles. The glazing process typically requires a number of additional operations and can consume a great deal of time, raw materials and energy. Recently self glaze ceramic tiles are widely used in world because of excellent physical, mechanical and chemical properties. There are some particular ceramice compositions which can develop their own glaze glaze layer by a self-glazing phenomenon, when they are fired under the appropriate conditions.

METHODS AND DEVICES FOR SCHEDULING UPLINK DATA

IPC: H 04L 5/00, H 04W 72/00

#### 1006056

**Abstract :** Methods and apparatus for generating a scheduling grant for a wireless device of a communication system are provided. The communication system supports variable TTI lengths to be transmitted in one TTI. It is presented how to determine a TTI length for a scheduled TTI, where the TTI length is determined in number of symbols. It is further presented how to determine at least one reference signal parameter for the scheduled TTI, where the at least one reference symbol parameter is selected from a reference symbol position and a reference symbol cyclic shift. Finally, encoding the TTI length and the at least one reference symbol parameter into a TTI index is presented.

## RADIO RESOURCE ALLOCATION IN A NARROWBAND COMMUNICATION SYSTEM

IPC: H 04L 5/00, H 04W 72/00

### 1006057

**Abstract :** Methods and apparatuses of resource allocation for wireless communication are presented. In an example, a user equipment may contain radio circuitry and processing circuitry such that the user equipment is configured to obtain a set of multiple indices, where each index in the set of multiple indices corresponds to a different uplink resource allocation from a set of uplink resource allocations formed from twelve contiguous subcarriers. In an aspect, the set of uplink resource allocations includes an allocation of the twelve contiguous subcarriers, two allocations of six contiguous subcarriers, four

Tata Consultancy Services Limited, a Company organized and existing under the laws of India, (whose legal address is Nrimal Building, 9th Floor Nairman Point, Mumbai 400021, Maharashtra, India) Priority: IN 201621005426

Dated: 16-02-2016.

54/2017

Telefonaktiebolaget LM Ericsson (publ), a corporation organized and existing under the lows of Sweden, (whose legal address is SE-16483 Stockholm, Sweden). Priority: EP PCT/EP 2016/054746 Dated:

07-03-2016

58/2017

Universal Leaf Tobacco Company, Inc., a corporation existing under the lows of USA. (whose legal address is P.O. BOX 25099, Richmond 23260 VIRGINIA, United States of America). priority: US 15/387,371 Dated: 21-12-2016 allocations of three contiguous subcarriers, and twelve allocations of a single subcarrier. In a further aspect, the user equipment can receive an index indication corresponding to an index from the set of multiple indices from the base station. Also, the user equipment can transmit data to the base station using the resource allocation corresponding to the received index indication.

## $\begin{array}{c} \mathsf{METHOD} \; \mathsf{AND} \; \mathsf{SYSTEM} \; \mathsf{FOR} \; \mathsf{EARLY} \; \mathsf{RISK} \; \mathsf{ASSESSMENT} \; \mathsf{OF} \\ \mathsf{PRETERM} \; \mathsf{DELIVERY} \; \mathsf{OUTCOME}. \end{array}$

IPC: A 61B 34/10, C 12Q 1/68, G 0IN 33/53, 33/68

#### 1006058

Abstract: System and method for assessing preterm delivery risk for pregnant subject is disclosed. Existing preterm delivery risk Assessment methods provide results in late second or third trimester of pregnancy, so little time is available for medical advice. Presently disclosed method and system predict preterm delivery risk within 15 weeks of pregnancy. Microbiome characterization data obtained frommicrobiome sample from preganant subject. Microbial taxonomic abundance profile' generated from Microbiome characterization data, contains abundance values of microbes present in the microbiome sample. 'Taxonomic Composition Skew' value, and distribution characteristic value for 'Microbial taxonomic abundance profile', quantifying biases in abundance values of microbes from the microbial taxonomic abundance profile, is computed. Risk of preterm delivery is determined based on the distribution characteristic value or 'taxonomic Composition Skew' value of the set DSR, wherin the set DSR comprises values quantifying biases in the abundance values of microbes from the microbiome sample.

## RELIABLE COMMUNICATION TO ENERGY

DETECTION RECEIVERS.

IPC: H 04W 52/02

#### 1006060

**Abstract :** A method for detecting a data transmission, the method including measuring a signal level for each of a predetermined plurality of distinct time-frequency transmission resources within a first time interval, non-coherently summing the measured signal levels, and comparing the sum to at least a first thereshold to determine whether a channel-hardened signal trageted to the wireless receiver is present. A corresponding method for encoding a channel-hardened signal comprises transmitting, in a first time interval and using M antenna ports and T1 time-frequency resources, an array Xof M x T1 symbols, where each row of the array Corresponds to on of the M antenna ports and each column of the array X corresponds to one of the first set of T1 time-frequency resources. Xsatisfies the expression XXH = a1. where XHis the conjugate transpose of X, 1 is an identity matrix, and a is a constant.

### SYSTEM AND METHOD FOR CURING TOBACCO

*IPC*: A 24B 1/02

#### 1006037

Abstract: A system and method for curing or drying tobacco leaves are described hearin. The method includes flowing a first combustion gas generated by a first heat source through a first flue pipe provided inside a first barn to heat air inside the first barn to cure a first batch of tobacco leaves disposed inside the first barn; transferring at least a portion of the fitst combustion gas generated by the first heat source to a second flue pipe provided inside a second barn adjacent the first barn to heat the second barn and start curing a second batch of tobacco leaves disposed inside the second barn; and flowing second combustion gas generated by a second heat source through the second flue pipe to continue curing the second batch of tobacco leaves after the second barn is heated.

CJ Cheiljedang corporation A corporation existing under the lows of Republic of Korea, (whose legal address is CJ Cheiljedang Center, 330 Dongho-ro, Jung-gu, Seoul 100-400, Republic of Korea. Priority: KR 10-2016-0028520 Dated: 09-03-2016

#### 76/2017

1.Mohidus Samad Khan, (whose legal address is Apt # E 13, 53 New Eskaton Road, Dhaka-1000, Bangladesh); 3. Md. Naziubl Islam, (whose legal address is House 1064, Road 7, Mirpur DOHS, Dhaka-1216, All are Bangladeshi National., Bangladesh) and 2. Mehnaz Mursalat (whose legal address is 125, Baramaghbazar, Ramna Tower, Dhaka-1217 and, Bangladesh). Priority: US 62457901 Dated: 12-02-2017

#### 77/2017

Bangladesh Council of Scientific and Industrial Research (BCSIR), a body corporate of the Government of People's Republic of Bangladesh, (whose legal address is Dr. Qudrat-I-Khuda Road Dhaka 1205, Bangladesh).

#### 92/2017

Maharashtra Hybrid Seeds Company Private Limited (Mahyco), and Indian company, (whose legal address is Jalna-Aurangabad Road, Post Box No. 76, Dawalwadi, Jalna-431203, Maharashtra, India) Priority: IN 201621011694 Dated: 01-04-2016.

## COMPOSITION FOR SYRUP CONTAINING ALLULOSE AND FOOD COMPRISING THE COMPOSITION

*IPC*: A 23L 27/12

#### 1006055

**Abstract**: Disclosed herein are a syrup composition and a food comprising the same. The syrup composition includes: gum, pectin, or a combination thereof; and cellulose.

Low-Cost paper Diagnostics for the Qualitative and Quantitative Detection of Formaldehyde (Formalin, primary Aldehyde) in Food, Water and other Biofluids.

IPC: G 0IN 31/22

#### 1006040

Abstract: A low-cost paper based paper based technique is presented for the Qualitative and Quantitative Detection of Formaldehyde (also know as formalin) in food items, water and other biofluids; dosed or naturally, occurring formalgehyde in solution or in natural substances, such as food items can be measured using the current invention. The paper based diagnostic device could detect formalgehyde concentration as low as few ppm to as high as 1000ppm. Using this technique, the naturally occurring formalgehyde in food items and distilled water were measured, which were within acceptable limit reported in literature. The specificity and durability of the paper diagnostics were also analyzed. The proposed device does not give false positive in presence of primary alcohol, secondary alcohol, acetone formic acid and Dglucose. The device has two reaction zones: one for sample liquid (test zone) and the other for blank (also describe as control). The paper based reaction zones are chemically treated with oxidizing agent to avoid any false positive signal. Reaction zones are connected by fluidic (paper of polymer made). Once the liquid sample with formaldehyde is introduced to the test zone, formaldehyde reacts with the active reagent on paper and produces purple color in the test zone. The blank zone produces no color. Any color formation at blank zone will indicate that the paper based device is not functioning properly. The reported device is the early generation paper based technique for the qualitative and quantitative detection of formaldehyde in solution and food items. This technique also can be integrated as a part of digital diagnostics with the help of a camera of a smart phone or a table computer and image processing software.

## RECOVERY OF RUTILE MINARAL FROM ARC ELECTRODE WASTE

*IPC* : C 04B 1/00

### 1006036

A process for the recovery of rutile mineral from are electrode waste, the method comprising: (a) Wherein the set of raw materials comprises are electrode waste collected, (b) Sizing or classifying, to separate particles by size range for rutile production is-180 micron to + 90 micron (69%), (c) Rutile can be separated less amount from-250 micron to 180 micron and-90 micron to + 63 micron size fraction (19%), (d) Recovered Rutile minerals i.e. TiO2 from waste 29%, to final product 92% (e) Physical separation using High Intensity Roll Type Magnetic Separator and electrostatic Plate Separator.

## PROMOTERS FOR DRIVING AND/OR REGULATING A STRESS INDUCIBLE EXPRESSION

IPC: C 12 N 15/82

### 1006045

**Abstract:** This present invention relates to isolation and derivation of nucleic acid sequences from monocot Plants, preferable rice that are capable of driving and/or regulating a stress induced expression of an operably linked nucleic acid. The present invention also is directed to the use of the isolated nucleic acid to drive and/or regulate a stress-induced expression of an operably linked nucleic acid. The isolated nucleic acid sequence of the present invention as set forth in SEQ ID NO 3 or SEQ ID No 6 or SEQ ID NO 7 or SEQ ID NO 9 or the complement thereof can be an inducible promoter. The promoters of the invention can be induced by abiotic stress such as water, cold, heat and/or salinity or a biotic stress such as by a virus, bacteria, or fungi.

Bangladesh Agricultural University (BAU), the organization organized under the laws of Bangladesh, (whose legal address is Mymensingh-2202, Bangladesh.

98/2017

Bangladesh Agricultural University (BAU), the organization organized under the laws of Bangladesh, (whose legal address is Mymensingh-2202, Bangladesh

100/2017

LIM, Jee Keng, a National of Singapore, (whose legal address is No. 104, Jalan Bumbong, Singapore) 739918, Singapore Priority: SG

PCT/SG2016/050229 Dated: 16/05/2016

113/ 2017

Saurer Components GmbH, a company organized and existing under the laws of Germany, (Whose legal address is Maria-Merian-Straße 8, 70736 Fellbach, Germany). Priority: DE

102016007040.4 Dated: 09-06-2016.

#### Sweetened condensed corn milk

IPC: A 23

#### 1006041

Abstract: The invention was to develop sweetened condensed corn milk. The fresh milky stage corns were used for the development of sweetened condensed corn milk. The formulation of sweetened condensed corn milks with treatment of sugar (%) and carboxymethyl cellulose (CMC %) also were used. The statistical analysis showed that color, flavor, sweetness and overall acceptability of sweetened condensed corn milk of sample i.e. 55% sugar+ 0.2% CMC was more acceptable than other samples. Prepared sweetened condensed corm milks were stored at room temperature (28-300C). The total soluble solids initially adjusted in formulations showed a negligible change throughout the storage period at ambient conditions. The reducing sugar and total sugar content of sweetened condensed milks were slightly increased in all the treatment of combinations throughout the storage period due to the hydrolysis and conversion of sugar. Shelf life observation of sweetened condensed corn milks (at room temperature) were carried out that the color of the corn milks were good and looking creamy. The flavours' were also pleasant. Considering the physicochemical changes, overall acceptance of sensory evaluations the sample i.e. 55% sugar+ 0.2% CMC of corn milk could the selected for commercial processing of sweetened condensed corn milk.

Low calorie mango jam using stevia as sugar supplement.

*IPC*: A 01

#### 1006042

**Abstract :** The fresh and fully mature mangoes were used for this invention. An attempt was made for processing of low calorie mango jam by replacement of sucrose with raw and refined stevia powder. On the basis of sensory evaluation, the mango jams were prepared from raw stevia powder and refined stevia powder with different amount of preservative considering, smell and taste, color, texture and overall acceptability. The jam from 2.0 gm refined stevia powder 750 ppm Na-Benzoate was found better than other jams as per chemical composition and sensory evaluation. Storage study was conducted on the jams for Six months at room temperature (23-300C) and relative humidity 80 to 85%. It was observed that TSS, pH and acidity of jam did not show any remarkable changes.

## MODULAR PALLET AND MULTILAYER SUPPORT STRUCTURE

IPC: A 01G 9/12, B 65D 19/04

#### 1006034

**Abstract:** A modular pallet for use in supporting and transporting goods. A multilayer support structure comprises at least two layers of the modular pallets separated by a plurality of support columns for positioned under the ground to support a hardscape/softscape on the above and at the same time enables for tree roots growth, water drainage and storage of utilities.

THREAD CLAMPING DEVICE.

IPC: D 01H 1/02, 1/38, D 02G 1/06

### 1006029

**Abstract:** The present invention relates to a thread clamping device for a spindle of a spinning or twisting machine, comprising a first clamping element arranged in a stationary manner on the upper spindle part, a second clamping element mounted to be axially displaceable relative to the first clamping element and a loading \_device which loads the second clamping element by means of spring force in the direction of

the first clamping element and an unloading device which positions the second clamping element by means of centrifugal force at a distance from the first clamping element. According to the invention the thread clamping device is provided with a lower winding sleeve arranged in a stationary manner on the upper spindle part, which lower winding sleeve is equipped with guiding-devices, which in connection with associated guiding edges on a movably mounted second clamping element form a mechanical locking device for the second clamping element.

238/2018

Tata Consultancy Services Limited, a company organized and existing under the laws of India, (whose legal address is Nirmal Building, 9<sup>th</sup> Floor, Nariman Point, Mumbai 400021, Maharashtra, India) Priority: IN 201621005426 Dated: 16-02-

## METHOD AND SYSTEM FOR EARLY RISK ASSESSMENT OF PRETERM DELIVERY OUTCOME.

IPC: A 61B 34/10, C 12Q 1/68, G 01N 33/53, 33/68

#### 1006059

Abstract: System and method for assessing preterm delivery risk for pregnant subject is disclosed. Existing preterm delivery risk assessment methods provide results in late second or third trimester of pregnancy, so little time is available for medical advice. Presently disclosed method and system predict preterm delivery risk within 15 weeks of pregnancy. Microbiome characterization data obtained from microbiome sample from pregnant subject. 'Microbial taxonomic abundance profile' generated from microbiome characterization data, contains abundance values of microbes present in the microbiome sample. 'Taxonomic Composition Skew' value, and distribution characteristic value for 'microbial taxonomic abundance profile', quantifying biases in abundance values of microbes from the microbial taxonomic abundance profile, is computed. Risk of preterm delivery is determined based on the distribution characteristic value or 'taxonomic composition skew' value of the set DSR, wherein the set DSR comprises values quantifying biases in the abundance values of microbes from the microbiome sample.

DR. SITARA BEGUM

Deputy Registrar.

## গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

## পেটেন্ট, ডিজাইন ও ট্রেডমার্কস অধিদপ্তর শিল্প মন্ত্রণালয়

## পেটেন্ট মঞ্জুরীর জন্য ২০১৮ সালে প্রাপ্ত নতুন দরখাস্তসমূহ

## New Application for Patents Filed in 2018 for Patent Grants

| Application No. | Date of application | Name of Applicant & nationality                           | Title of the invention  |
|-----------------|---------------------|---|---|
| 1/2018          | 01/01/2018          | Md. Shahadat Hossain, BD                                  | HHO Gas Stove   |
| 2/ 2018         | 02/01/2018          | Telefonaktiebolaget LM<br>Ericsson (publ), SE             | Reliable wireless communication with Short TTI modifications  |
| 3/2018          | 04/01/2018          | NOVARTIS AG and LES<br>LABORATOIRES<br>SERVIER, CH and FR | COMBINATION OF A MCL-1 INHIBITOR<br>AND A TAXANE COMPOUND, USES AND<br>PHARMACEUTICAL COMPOSITIONS<br>THEREOF                   |
| 4/ 2018         | 07/01/2018          | Gilead Sciences, Inc., US                                 | CRYSTALLINE FORMS OF TENOFOVIR ALAFENAMIDE  |
| 5/ 2018         | 07/01/2018          | SERUM INSTITUTE OF<br>INDIA PRIVATE LIMITED,<br>IN        | Methods for improving the adsorption of polysaccharide-protein conjugates and multivalent vaccine formulation obtained thereof. |
| 6/ 2018         | 09/01/2018          | Md. Mominul Islam, BD                                     | RECHARGEABLE BATTERY OR ELECTRIC POWERED MULTIFUNCTIONAL USB UNITS TO PLAY OTHER ELECTRIC DEVICES                               |
| 7/ 2018         | 09/01/2018          | Saraswati Research and<br>Development Institute Ltd., SG  | Compounds and compositions  |
| 8/ 2018         | 10/01/2018          | ZHANG, Yue, CN  | HOLLOW PIPE-SANDWICHING METAL PLATE AND APPLICATIONS THEREOF  |
| 9/ 2018         | 14/01/2018          | Pivot Bio, Inc., US                                       | Methods And Compositions For Improving Plant Traits   |
| 10/ 2018        | 15/01/2018          | Ricetec, Inc., US   | Effects Of A Plurality Of Mutations To Improve<br>Herbicide Resistance/Tolerance In Rice  |
| 11/2018         | 15/01/2018          | GILEAD SCIENCES, INC,<br>US                               | COMPOUNDS FOR THE TREATMENT OF HEPATITIS B VIRUS INFECTION  |
| 12/ 2018        | 15/01/2018          | Wuhu Shangring Technology<br>Co., Ltd., CN                | AN ULTRASOUND SUBASSEMBLY FOR<br>FORESKIN COMPRESSING, CUTTING,<br>HEMOSTASIS AND HEALING                                       |
| 13/2018         | 18/01/2018          | R&R SALONS PVT. LTD, IN                                   | HAIR GROWTH RETARDANT COMPOSITION   |
| 14/2018         | 18/01/2018          | R&R SALONS PVT. LTD, IN                                   | SKIN CARE COMPOSITION   |
| 15/2018         | 21/01/2018          | UPL LTD, IN   | MOISTURE BARRIER PACKAGE  |
| 16/2018         | 22/01/2018          | GILEAD SCIENCES, INC.,<br>US                              | PYRROLO[1,2-b]PYRIDAZINE<br>DERIVATIVES   |
| 17/ 2018        | 22/01/2018          | GILEAD SCIENCES, INC., US                                 | HIV INHIBITOR COMPOUNDS   |
| 18/ 2018        | 22/01/2018          | Mohd Moniruzzaman, BD                                     | Ranking System based on Application Factor and Open Resource Policy   |
| 19/2018         | 23/01/2018          | YKK CORPORATION, JP                                       | SLIDE FASTENER-ATTACHED PRODUCT   |
| 20/ 2018        | 23/01/2018          | YKK CORPORATION, JP                                       | SLIDE FASTENER-ATTACHED PRODUCT,<br>ELEMENT MEMBER AND<br>MANUFACTURING METHOD OF SLIDE<br>FASTENER-ATTACHED PRODUCT            |

| Application | Date of     | Name of Applicant &   | Title of the invention  |
|-------------|-------------|---|---|
| No.         | application | nationality   |   |
| 21/2018     | 23/01/2018  | YKK CORPORATION, JP   | SLIDE FASTENER-ATTACHED PRODUCT,<br>ELEMENT MEMBER and MANUFACTURING<br>METHOD OF SLIDE FASTENER-ATTACHED<br>PRODUCT  |
| 22/ 2018    | 23/01/2018  | ADIENNE Pharma & Biotech SA,CH  | MULTI CHAMBER FLEXIBLE BAG AND METHODS OF USING SAME  |
| 23/ 2018    | 23/01/2018  | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR),BD | Production of Rubber Based Thread Tape.   |
| 24/ 2018    | 23/01/2018  | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR),BD | Mobile Milk Tanker  |
| 25/ 2018    | 23/01/2018  | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR),BD | A PROCESS FOR THE PRODUCTION OF FATTY OIL FROM COTTONSEED (BOMBAX CEIBA)  |
| 26/2018     | 24/01/2018  | TARALTEC SOLUTIONS PVT. LTD.,IN   | A DEVICE AND METHOD FOR ENHANCED PROCESS INTENSIFICATION  |
| 27/ 2018    | 28/01/2018  | Stoller Enterprises, Inc.,US  | A Synergistic Agricultural Formula Comprising<br>Diacyl Or Diaryl Urea And At Least One Mixture<br>Of Nutrients   |
| 28/ 2018    | 29/01/2018  | Mohammad Masum Billah<br>and Md Mamunur<br>Rahman,BD.                     | Reusable Panty Sanitary Napkin  |
| 29/ 2018    | 29/01/2018  | Archroma IP GmbH,CH   | Copolymer, aqueous solution comprising the copolymer and method for reducing negative effects of natural pitch and adhesive contaminants in both pulping and papermaking operations |
| 30/ 2018    | 29/01/2018  | Insecticides (India)<br>Limited,IN  | Novel fungicidal carbamate compounds  |
| 31/2018     | 29/01/2018  | SOLShare International Pte.<br>Ltd.,SG                                    | SOLclock  |
| 32/ 2018    | 29/01/2018  | Two Blades Foundation,US  | Late Blight Resistance Gene From Solanum<br>Americanum And Methods Of Use   |
| 33/ 2018    | 30/01/2018  | TVS MOTOR COMPANY<br>LIMITED,IN   | EXHAUST EMISSION SYSTEM FOR A TWO-WHEELED VEHICLE   |
| 34/ 2018    | 30/01/2018  | Telefonaktiebolaget LM<br>Ericsson (publ),SE                              | RE-ESTABLISHING A RADIO RESOURCE CONTROL CONNECTION   |
| 35/ 2018    | 30/01/2018  | Business Automation Ltd.,BD   | The payment process integrations system for any services  |
| 36/ 2018    | 31/01/2018  | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR),BD | improvements in or Relating to a Process for the production of Baby Liquid Laundry Detergent  |
| 37/ 2018    | 01/02/2018  | Wuhu ShangRing Technology Co., Ltd.,CN                                    | CIRCUMCISION APPARATUS  |
| 38/ 2018    | 01/02/2018  | THISCAP INC.,US   | MANUFACTURE OF CAP FOR CONTAINER  |
| 39/ 2018    | 01/02/2018  | LAFER SPA,IT  | COMPACTING MACHINE, POSITIONING DEVICE AND POSITIONING METHOD   |
| 40/ 2018    | 01/02/2018  | TVS MOTOR COMPANY<br>LIMITED,IN   | AN AIR CLEANER FOR AN INTERNAL COMBUSTION ENGINE  |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention   |
|-----------------|---------------------|---|--|
| 41/ 2018        | 04/02/2018          | Arvind Limited,IN   | A KNITTED WORKWEAR FABRIC AND A PROCESS FOR PREPARATION THEREOF  |
| 42/2018         | 04/02/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE  | NON-ANCHOR CARRIER CONFIGURATION FOR NB-IOT  |
| 43/ 2018        | 05/02/2018          | Masroor Saad Khan,BD  | A Solar tile, which can be walked on, produce<br>electricity using sunlight, work as multicolor<br>lamp and resist thermal heat flow |
| 44/ 2018        | 05/02/2018          | Lixil Corporation,JP  | DIVERTER TRAP FOR USE WITH<br>MULTIPLE PIT LATRINE, RELATED<br>METHODS, AND LATRINE ASSEMBLIES                                       |
| 45/ 2018        | 05/02/2018          | Lixil Corporation,JP  | Collection Box Assemblies for Use With Latrine Pans  |
| 46/ 2018        | 05/02/2018          | TVS MOTOR COMPANY<br>LIMITED,IN   | GASEOUS REDUCER FOR A VEHICLE  |
| 47/ 2018        | 06/02/2018          | TVS MOTOR COMPANY<br>LIMITED,IN   | MUSIC SYSTEM ASSEMBLY FOR THREE WHEELER  |
| 48/ 2018        | 06/02/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE  | METHOD AND APPARATUS FOR SIDELINK TRANSMISSION CONTROL   |
| 49/ 2018        | 06/02/2018          | DAEWOONG<br>PHARMACEUTICAL CO.,<br>LTD. ,KR   | NOVEL HETEROCYCLIC COMPOUND, ITS<br>PREPARATION METHOD, AND<br>PHARMACUETICAL COMPOSITION<br>COMPRISING THE SAME                     |
| 50/ 2018        | 07/02/2018          | Maschinenfabrik Rieter<br>AG,CH   | Method for Doffing for a Spinning Machine and a Corresponding Doffer   |
| 51/ 2018        | 07/02/2018          | Md. Mominul Islam,BD  | SEDIMENTATION METHOD TO REMOVE<br>CONTAMINANTS FROM DRINKING WATER<br>IN AN ARTIFICIAL WELL  |
| 52/2018         | 12/02/2018          | ZHANG, Yue,CN   | HOT-AIR OXYGEN-FREE BRAZING<br>SYSTEM  |
| 53/ 2018        | 13/02/2018          | JOINT STOCK COMPANY "EXPERIMENTAL AND DESIGN ORGANIZATION "GIDROPRESS" AWARDED THE ORDER OF THE RED BANNER OF LABOUR AND CZSR ORDER OF LABOUR" (RU) | Modular heat insulation structure for pipelines  |
| 54/ 2018        | 13/02/2018          | KANSAI NEROLAC<br>PAINTS LIMITED,IN   | An anti mosquito Paint Composition and a Process for preparation thereof   |
| 55/ 2018        | 13/02/2018          | Novozymes A/S, a Company incorporated under the laws of Denmark,,DK   | A process for biofinishing a cellulose-containing textile.   |
| 56/ 2018        | 15/02/2018          | Denali Therapeutics Inc.,US   | Anti-Tau Antibodies And Methods Of Use<br>Thereof  |
| 57/ 2018        | 15/02/2018          | Eisai R&D Management Co.,<br>Ltd.,JP  | Compounds For The Treatment Of Cancer  |
| 58/ 2018        | 15/02/2018          | Levi Strauss & Co,US  | Fabric with Enhanced Response Characteristics for Laser Finishing  |
| 59/ 2018        | 15/02/2018          | Bangladesh Jute Research<br>Institute ,BD   | A NEW PROCESS FOR RIVER BANK<br>PROTECTION AND ROAD CONSTRUCTION<br>NATURAL ADDITIVE TREATED JUTE GEO<br>TEXTILE                     |

| Application | Date of     | Name of Applicant &   | Title of the invention  |
|-------------|-------------|---|---|
| No.         | application | nationality   | Title of the invention  |
| 60/ 2018    | 18/02/2018  | TVS MOTOR COMPANY<br>LIMITED,IN                                     | FOOT-OPERATED SYNCHRONIZED BRAKING SYSTEM   |
| 61/2018     | 19/02/2018  | SYNGENTA<br>PARTICIPATIONS AG, CH                                   | A PROCESS FOR THE PREPARATION OF<br>PESTICIDALLY ACTIVE HETEROCYCLIC<br>DERIVATIVES WITH SULFUR CONTAINING<br>SUBSTITUENTS                                    |
| 62/2018     | 22/02/2018  | GILEAD SCIENCES,<br>INC.,US   | INHIBITORS FOR BRUTON'S TYROSINE<br>KINASE  |
| 63/2018     | 22/02/2018  | B Medical Systems S.a.r.I., LU                                      | Vaccine carrier with a passive cooling system   |
| 64/ 2018    | 25/02/2018  | OAT Agrio Co., Ltd.,JP  | THIAZOLE COMPOUND AND HERBICIDE   |
| 65/ 2018    | 26/02/2018  | Bangladesh Jute Research<br>Institute,BD                            | INNOVATION OF LOW COST BLANKET<br>MANUFACTURING TECHNOLOGY, IN JUTE<br>SPINNING PROCESS BY NATURAL FIBRE<br>JUTE, INDEGENIOUS MATERIAL SHEEP<br>WOOL & COTTON |
| 66/ 2018    | 26/02/2018  | Telefonaktiebolaget LM<br>Ericsson (Publ), a Swedish<br>company,,SE | Nodes for use in a communication network and methods of operating the same.   |
| 67/ 2018    | 28/02/2018  | TVS MOTOR COMPANY<br>LIMITED,IN                                     | A STARTER SYSTEM FOR A VEHICLE  |
| 68/ 2018    | 28/02/2018  | Telefonaktiebolaget LM<br>Ericsson (Publ),SE                        | WIDEBAND POWER AMPLIFIER<br>ARRANGEMENT   |
| 69/ 2018    | 05/03/2018  | Gilead Sciences, Inc.,US  | PHARMACEUTICAL COMPOSITIONS COMPRISING A JAK INHIBITOR  |
| 70/ 2018    | 05/03/2018  | TVS MOTOR COMPANY<br>LIMITED,IN                                     | VEHICLE ELECTRICAL SYSTEM   |
| 71/2018     | 05/03/2018  | Abu Sayeed,BD   | MOVING ROAD   |
| 72/ 2018    | 06/03/2018  | HONDA MOTOR CO.,<br>LTD.,JP   | INTAKE STRUCTURE OF STRADDLE TYPE VEHICLE   |
| 73/ 2018    | 07/03/2018  | GILEAD SCIENCES,<br>INC.,US   | APOPTOSIS SIGNAL-REGULATING KINASE INHIBITOR  |
| 74/ 2018    | 07/03/2018  | Md. Mir Mosaruf Hossin,BD   | A Replica of Solar System   |
| 75/ 2018    | 11/03/2018  | XEROS LIMITED,GB  | METHOD FOR TRANSFERRING A<br>COLORANT TO A CELLULOSIC<br>SUBSTRATE  |
| 76/ 2018    | 12/03/2018  | TVS MOTOR COMPANY<br>LIMITED,IN                                     | FRAME STRUCTURE FOR A MOTORCYCLE  |
| 77/ 2018    | 12/03/2018  | XEROS LIMITED,GB  | TREATMENT APPARATUS FOR TREATING<br>A SUBSTRATE WITH SOLID PARTICULATE<br>MATERIAL  |
| 78/ 2018    | 13/03/2018  | TOYO ENGINEERING<br>CORPORATION,JP                                  | METHOD FOR GRANULATING UREA   |
| 79/ 2018    | 13/03/2018  | ENVIROFIT<br>INTERNATIONAL., INC,US                                 | DEVICES AND METHODS FOR LPG<br>METERING   |
| 80/ 2018    | 13/03/2018  | Insecticides (India)<br>Limited,IN                                  | NOVEL DITHIOLANE COMPOUND OR A SALT OR AN N-OXIDE AND USE THEREOF   |
| 81/2018     | 13/03/2018  | TVS MOTOR COMPANY<br>LIMITED,IN                                     | METHOD FOR ACTIVATING AND DEACTIVATING A VEHICLE  |

| Application No. | Date of application | Name of Applicant & nationality  | Title of the invention  |
|-----------------|---------------------|--|---|
| 82/ 2018        | 13/03/2018          | TVS MOTOR COMPANY<br>LIMITED,IN  | VEHICLE LIGHTING SYSTEM   |
| 83/2018         | 14/03/2018          | A ENERGY SYSTEMS IND.<br>VE TİC. LTD. Sti.,TR  | JET DYEING MACHINE WITH SEGMENTED FLOW  |
| 84/ 2018        | 15/03/2018          | Md. Rafiqul Islam,BD   | Eco Chula   |
| 85/ 2018        | 15/03/2018          | GROZ-BECKERT KG,DE   | Machine knitting tool, in particular machine knitting needle  |
| 86/ 2018        | 18/03/2018          | University of Dhaka,BD   | Method of Textile Scouring and Bleaching of<br>Cotton Knit Fabric Without Pretreatment<br>Chemicals at Elevated Temperature                     |
| 87/ 2018        | 21/03/2018          | SANTONI S.P.A.,IT  | A lever actuator for circular knitting machines, a circular knitting machine and a method for moving the needles of a circular knitting machine |
| 88/ 2018        | 21/03/2018          | SANTONI S.P.A.,IT  | A circular knitting machine and a method for moving the needles of a circular knitting machine  |
| 89/ 2018        | 21/03/2018          | SANTONI S.P.A., IT   | A circular knitting machine and a method for moving the needles of a circular knitting machine  |
| 90/ 2018        | 21/03/2018          | FMC Corporation,US   | NOVEL PYRIDAZINONE HERBICIDES   |
| 91/2018         | 22/03/2018          | XEROS LIMITED,GB   | Apparatus and method for treating a substrate with solid particles in a rotatably mounted drum  |
| 92/ 2018        | 25/03/2018          | Toshiba Energy Systems &<br>Solutions Corporation and<br>Tokyo Electric Power<br>Company Holdings,<br>Incorporated,JP and JP | MONITORING SYSTEM, IMAGE INFORMATION PROVIDING DEVICE, CLIENT CONTROL DEVICE, IMAGE INFORMATION PROVIDING PROGRAM, AND CLIENT CONTROL PROGRAM   |
| 93/2018         | 25/03/2018          | Toray Industries, Inc.,JP  | Polyamide Fiber Having Excellent Moisture<br>Absorbing/Releasing Properties   |
| 94/ 2018        | 25/03/2018          | Crystal Lagoons (Curacao)<br>B.V.,NL   | Floating Lake System And Methods Of Treating Water Within A Floating Lake   |
| 95/ 2018        | 25/03/2018          | Crystal Lagoons (Curacao)<br>B.V.,NL   | System And Method For Maintaining Water Quality In Large Water Bodies   |
| 96/ 2018        | 27/03/2018          | Telefonaktiebolaget L M<br>Ericsson (Publ), a Swedish<br>company,,SE   | TOUCHSCREEN DEVICE AND METHOD THEREOF.  |
| 97/ 2018        | 28/03/2018          | Cell Design Labs, Inc.,US  | Chimeric Polypeptides And Methods Of Altering<br>The Membrane Localization Of The Same  |
| 98/ 2018        | 29/03/2018          | Frantisek POLAK and Lucie SLAVICKOVA,CZ and CZ   | Concrete, a dry mixture for the preparation of this concrete, and a method for the preparation of this concrete                                 |
| 99/ 2018        | 29/03/2018          | Takeda Pharmaceutical<br>Company Limited,JP  | HETEROCYCLIC COMPOUND   |
| 100/ 2018       | 29/03/2018          | TAKEDA<br>PHARMACEUTICAL<br>COMPANY LIMITED,JP   | PEPTIDE COMPOUND  |
| 101/2018        | 29/03/2018          | Compagnie Laitiere<br>Europeenne,FR  | Hydrolysed Vegetable Proteins Adapted To Use<br>For Feeding Of Infants  |
| 102/2018        | 29/03/2018          | Access to Information (a2i)<br>Programme,BD  | Hand Carrying Infant Incubator  |
| 103/2018        | 29/03/2018          | Access to Information (a2i)<br>Programme ,BD   | Fuel From Plastic & Polythene   |

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| Application No. | Date of application           | Name of Applicant & nationality  | Title of the invention  |  |
| 104/ 2018       | 29/03/2018                    | Access to Information (a2i)<br>Programme,BD  | Centralized Nebulizer Machine   |  |
| 105/ 2018       | 01/04/2018                    | The Mosaic Company, US   | FERTILIZERS CONTAINING SLOW AND FAST RELEASE SOURCES OF BORON   |  |
| 106/2018        | 04/04/2018                    | President and Fellows of<br>Harvard College and Eisai<br>R&D Management Co., LTD.,<br>US and JP                              | MACROCYCLIC COMPOUND AND USES THEREOF   |  |
| 107/ 2018       | 04/04/2018                    | Secure International Holdings<br>Pte. Ltd,SG   | Electrical terminal   |  |
| 108/ 2018       | 09/04/2018                    | YKK CORPORATION,JP   | METHOD AND APPARATUS FOR ELECTROPLATING   |  |
| 109/ 2018       | 16/04/2018                    | YAMAMOTO Yasuhiro and TAKAHASHI Takeshi,JP.  | "Method Of Producing Oil-Water-Blended Fuel"  |  |
| 110/ 2018       | 16/04/2018                    | YAMAMOTO Yasuhiro and Eneco Holdings,JP.   | Method For Producing Fuel In Which Oil Is<br>Diluted With Water   |  |
| 111/2018        | 16/04/2018                    | YAMAMOTO Yasuhiro and TAKAHASHI Takeshi,JP.  | Hydrogen Production Method And Hydrogen Production Apparatus  |  |
| 112/2018        | 18/04/2018                    | GILEAD SCIENCES,<br>INC.,US  | PD-1/PD-L1 INHIBITORS   |  |
| 113/ 2018       | 18/04/2018                    | CHAE, Jae Ou and KWEON, Eung Du, KR.   | HYBRID COMBUSTION APPARATUS USING PYROLYSIS OF WATER AND COMBUSTION AIR   |  |
| 114/ 2018       | 19/04/2018                    | GILEAD SCIENCES,<br>INC.,US  | PD-1/PD-L1 INHIBITORS   |  |
| 115/ 2018       | 22/04/2018                    | GILEAD SCIENCES,<br>INC.,US  | PD-1/PD-L1 INHIBITORS   |  |
| 116/2018        | 22/04/2018                    | BONUMOSE LLC,US  | ENZYMATIC PRODUCTION OF D-<br>ALLULOSE  |  |
| 117/ 2018       | 23/04/2018                    | FOO YONG,MY  | System and Method for Determining Daily Profit<br>and Loss to Improve the Efficiency of Day to Day<br>Business Operational Activities |  |
| 118/ 2018       | 23/04/2018                    | SYNGENTA<br>PARTICIPATIONS AG,CH   | A PROCESS FOR THE PREPARATION OF<br>PESTICIDALLY ACTIVE HETEROCYCLIC<br>DERIVATIVES WITH SULFUR CONTAINING<br>SUBSTITUENT             |  |
| 119/ 2018       | 23/04/2018                    | Hishab Limited, A Company incorporated under the laws of Bangladesh of,BD  | System and Method of Operating Open Ended<br>Interactive Voice Response in Any Spoken<br>languages.                                   |  |
| 120/ 2018       | 24/04/2018                    | Kite Pharma, Inc.,US   | Humanized Antigen-Binding Domains and Methods of Use  |  |
| 121/2018        | 24/04/2018                    | Telefonaktiebolaget LM<br>Ericsson (publ),SE   | TRANSMISSION PROFILES FOR NR  |  |
| 122/ 2018       | 25/04/2018                    | Toshiba Energy Systems &<br>Solutions Corporation and<br>Tokyo Electric Power<br>Company Holdings,<br>Incorporated,JP and JP | MONITORING CONTROL SYSTEM   |  |
| 123/ 2018       | 25/04/2018                    | Toshiba Energy Systems &<br>Solutions Corporation and<br>Tokyo Electric Power<br>Company Holdings,<br>Incorporated,JP and JP | MONITORING CONTROL SYSTEM   |  |

| Application No. | Date of application | Name of Applicant & nationality  | Title of the invention  |
|-----------------|---------------------|--|---|
| 124/ 2018       | 26/04/2018          | DONGGUAN CRYSTAL<br>KNITTING AND<br>GARMENT CO., LTD.,CN   | WIRELESS RADIO FREQUENCY COUNTING DEVICE  |
| 125/ 2018       | 26/04/2018          | UPL LIMITED,IN   | A METHOD FOR CONTROLLING RUST   |
| 126/ 2018       | 26/04/2018          | BRITISH AMERICAN<br>TOBACCO<br>(INVESTMENTS)<br>LIMITED,GB   | METHOD  |
| 127/ 2018       | 30/04/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE   | USER EQUIPMENT AND METHOD IN A WIRELESS COMMUNICATIONS NETWORK  |
| 128/ 2018       | 30/04/2018          | FMC Corporation,US   | PYRIMIDINYLOXY BENZO-FUSED COMPOUNDS AS HERBICIDES  |
| 129/ 2018       | 30/04/2018          | SYNGENTA PARTICIPATIONS AG,CH  | A PROCESS FOR THE PREPARATION OF<br>PESTICIDALLY ACTIVE HETEROCYCLIC<br>DERIVATIVES WITH SULFUR CONTAINING<br>SUBSTITUENTS                            |
| 130/ 2018       | 03/05/2018          | CROP PROTECTION<br>TECHNOLOGY PTE.<br>LTD.,SG  | PESTICIDE   |
| 131/2018        | 06/05/2018          | SYNGENTA<br>PARTICIPATIONS AG,CH   | A PROCESS FOR THE PREPARATION OF<br>PESTICIDALLY ACTIVE<br>IMIDAZOPYRIMIDINE DERIVATIVES WITH<br>SULFUR CONTAINING PHENYL AND<br>PYRIDYL SUBSTITUENTS |
| 132/ 2018       | 09/05/2018          | Mahbubul MUTTAKIN;<br>Bidyut Baran SAHA; Kutub<br>UDDIN; Md. Amirul ISLAM;<br>M L PALASH; Tahmid Hasan<br>RUPAM and Animesh<br>PAL,BD. | Waste heat driven distributed cold storage and potable water production system  |
| 133/2018        | 10/05/2018          | Secure International Holdings<br>Pte. Ltd,SG   | Identification of Electrical Phase of an Electrical Device  |
| 134/ 2018       | 15/05/2018          | CCL Secure Pty Ltd.,AU   | A BANKNOTE, A METHOD OF PRODUCING<br>A BANKNOTE, A COATING FOR A<br>BANKNOTE AND A SECURITY FEATURE<br>FOR A BANKNOTE                                 |
| 135/ 2018       | 21/05/2018          | Bangladesh Livestock<br>Research Institute,BD  | Mastitis Test Kit   |
| 136/ 2018       | 21/05/2018          | LONATI S.P.A,IT  | DEVICE FOR FEEDING YARN OR YARNS<br>FOR KNITTING MACHINES FOR HOSIERY<br>OR THE LIKE  |
| 137/ 2018       | 27/05/2018          | TVS MOTOR COMPANY<br>LIMITED,IN  | A VEHICLE   |
| 138/ 2018       | 27/05/2018          | TVS MOTOR COMPANY<br>LIMITED,IN  | FRAME STRUCTURE FOR A VEHICLE   |
| 139/ 2018       | 28/05/2018          | HONDA MOTOR CO.,<br>LTD.,JP  | INTERLOCKING BRAKE DEVICE OF SADDLED VEHICLE  |
| 140/ 2018       | 29/05/2018          | Takeda Pharmaceutical<br>Company Limited,JP  | TETRAHYDROPYRIDOPYRAZINE<br>MODULATORS OF GPR6  |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention  |
|-----------------|---------------------|---|---|
| 141/2018        | 30/05/2018          | Tillotts Pharma AG and<br>UNIVERSITY COLLEGE<br>LONDON,CH and GB  | Topical Treatment of Inflammatory Bowel Disease Using Antibodies and Fragments thereof                                    |
| 142/2018        | 31/05/2018          | MR. NAZMUL HUDA,BD  | CREATION OF ENERGY FROM THE CREATION  |
| 143/2018        | 31/05/2018          | Telefonaktiebolaget LM<br>Ericsson (publ,SE   | POWER CONTROL OF RANDOM ACCESS IN NB-IOT  |
| 144/ 2018       | 03/06/2018          | ERKE ERKE<br>ARASTIRMALARI VE<br>MUHENDISLIK A.S.,TR  | BRAKING DEVICE AND METHOD   |
| 145/ 2018       | 05/06/2018          | TVS MOTOR COMPANY<br>LIMITED,IN   | A BOOSTER MEMBER FOR AN INTERNAL COMBUSTION ENGINE  |
| 146/ 2018       | 06/06/2018          | YUAN-CHENG CHIEN,TW   | DEFORMABLE TAMPON   |
| 147/ 2018       | 07/06/2018          | Dr. Mohammad Mohidus<br>Samad Khan; Md. Nazibul<br>Islam; Isteque Ahmed;<br>Muzahidul Islam Anik and<br>Md. Sakib Ferdous,BD. | Low-Cost Paper Diagnostics for the Qualitative<br>and Quantitative Detection of Uric Acid in Urine<br>and other Biofluids |
| 148/ 2018       | 10/06/2018          | Organ Needle Co., Ltd.,JP   | KNITTING NEEDLE   |
| 149/ 2018       | 11/06/2018          | Bulbul khan Monna,BD  | Development of Functionalities for Smart Phone and Power Share  |
| 150/ 2018       | 12/06/2018          | Access to Information (a2i)<br>Programme,BD   | Flammable Gas Safety Device   |
| 151/2018        | 12/06/2018          | Access to Information (a2i)<br>Programme,BD   | Low Cost Digital CNC Lathe Machine  |
| 152/2018        | 12/06/2018          | Access to Information (a2i)<br>Programme ,BD  | Digital Monitoring & Control System for Distribution Transformers   |
| 153/ 2018       | 12/06/2018          | Access to Information (a2i)<br>Programme,BD   | Quick Water Cooling System.   |
| 154/ 2018       | 12/06/2018          | Access to Information (a2i)<br>Programme,BD   | Fertilizer and Irrigation Guiding System- Krishi<br>Bondhu  |
| 155/ 2018       | 12/06/2018          | DANIS MAKINE TURIZM<br>SANAYI VE TIC. LTD.<br>STI.,TR   | LONG LASTING DRUM FOR WASHING MACHINES  |
| 156/ 2018       | 12/06/2018          | DANIS MAKINE TURIZM<br>SANAYI VE TIC. LTD.<br>STI.,TR   | WASHING MACHINE IN WHICH A DRUM IS USED   |
| 157/ 2018       | 12/06/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE  | RADIO NETWORK NODE, WIRELESS<br>DEVICE AND METHODS PERFORMED<br>THEREIN   |
| 158/ 2018       | 14/06/2018          | DONGGUAN CRYSTAL<br>KNITTING AND<br>GARMENT CO., LTD.,CN  | FULL AUTOMATIC INTELLIGENT<br>GARMENT PACKAGING SYSTEM  |
| 159/ 2018       | 14/06/2018          | DONGGUAN CRYSTAL<br>KNITTING AND<br>GARMENT CO., LTD.,CN  | AUTOMATIC GARMENTS DETECTING,<br>PICKING AND PACKAGING SYSTEM AND<br>METHOD OF USE THEREOF                                |
| 160/ 2018       | 14/06/2018          | DONGGUAN CRYSTAL<br>KNITTING AND<br>GARMENT CO., LTD.,CN  | AUTOMATIC GARMENT POST-FINISHING SYSTEM AND METHOD FOR USING THE SAME   |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention   |
|-----------------|---------------------|---|--|
| 161/2018        | 14/06/2018          | Zhejiang Xinnong Chemical<br>Co., Ltd.,CN                                 | Composition Containing Zinc Thiazole Particles and Preparation Method thereof  |
| 162/2018        | 14/06/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE                              | CHANNEL STATE INFORMATION FOR<br>REFERENCE SIGNALS IN A WIRELESS<br>COMMUNICATION SYSTEM   |
| 163/2018        | 14/06/2018          | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR),BD | A method for the production of strontium ferrite by co-precipitation   |
| 164/ 2018       | 14/06/2018          | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR),BD | DEVELOPMENT OF A LOW-COST<br>PORTABLE RECHARGEABLE SPIN COATER<br>FOR THIN FILM SOLAR CELL<br>FABRICATION  |
| 165/ 2018       | 18/06/2018          | AGRINOS AS,NO   | COMPOSITIONS AND METHODS FOR INCREASING CROP YIELD   |
| 166/ 2018       | 21/06/2018          | University of Kentucky<br>Research Foundation,US                          | Method   |
| 167/ 2018       | 21/06/2018          | FAST RETAILING CO.,<br>LTD.,JP  | DAMAGE PROCESS FOR A TEXTILE PRODUCT   |
| 168/ 2018       | 21/06/2018          | NOVARTIS AG and LES<br>LABORATOIRES<br>SERVIER,CH and FR                  | COMBINATION OF A MCL-1 INHIBITOR<br>AND A STANDARD OF CARE TREAT-MENT<br>FOR HEMATOLOGIC CANCERS, USES AND<br>PHARMACEUTICAL COMPOSITIONS<br>THEREOF   |
| 169/ 2018       | 24/06/2018          | Telefonaktiebolaget LM<br>Ericsson (Publ),SE                              | MULTI-RAT WIRELESS COMMUNICATION   |
| 170/ 2018       | 24/06/2018          | JFE STEEL<br>CORPORATION,JP   | STRUCTURAL STEEL MATERIAL AND STRUCTURE  |
| 171/2018        | 25/06/2018          | Saurer Germany GmbH & Co. KG,DE   | A process for operating an air-jet spinning device, yarn guide channel and air-jet spinning machine comprising such a yarn guide channel   |
| 172/ 2018       | 26/06/2018          | DOCTORE HEALTH<br>SERVICES PRIVATE<br>LIMITED,IN                          | SEAMLESS VIRTUAL DIAGNOSTIC<br>SYSTEM AND METHOD THEREOF   |
| 173/ 2018       | 26/06/2018          | LES LABORATOIRES<br>SERVIER,FR  | NEW SALT OF N-(2,6-DIETHYLPHENYL)-8-({4-[4-(DIMETHYLAMINO) PIPERIDIN-1-YL]-2-METHOXYPHENYL}AMINO)-1-METHYL-4,5-DIHYDRO-1H-PYRAZOLO[4,3-h] QUINAZOLINE-3-CARBOXAMIDE, ITS PREPARATION, AND FORMULATIONS CONTAINING IT |
| 174/ 2018       | 27/06/2018          | XEDA INTERNATIONAL<br>S.A,FR  | Treatment assembly and process, plant products storage and growing assembly comprising said treatment assembly   |
| 175/ 2018       | 28/06/2018          | Nippon Steel & Sumitomo<br>Metal Corporation,JP                           | Steelmaking Slag For Fertilizer Raw Material,<br>Method For Producing<br>Steelmaking Slag For Fertilizer Raw Material,<br>Method For Producing Fertilizer, And<br>Fertilizer Application Method                      |
| 176/ 2018       | 28/06/2018          | Nippon Steel & Sumitomo<br>Metal Corporation,JP                           | Steelmaking Slag For Fertilizer Raw Material,<br>Method For Producing Steelmaking Slag For<br>Fertilizer Raw Material, Method For Producing<br>Fertilizer, And Fertilizer Application Method                         |

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| Application No.                  | Date of application | Name of Applicant & nationality  | Title of the invention  |
| 177/ 2018                        | 28/06/2018          | Cathay Pacific Airways<br>Limited,HK   | A LOCKING ASSEMBLY THAT LOCKS A CARGO NET TO A PALLET   |
| 178/ 2018                        | 01/07/2018          | YAMATO SEWING<br>MACHINE MFG. CO.<br>LTD.,JP   | CLOTHING SEAM EXPANSION<br>APPARATUS  |
| 179/ 2018                        | 02/07/2018          | SYNGENTA<br>PARTICIPATIONS AG,CH   | Pesticidally active heterocyclic derivatives with sulfur containing substituents  |
| 180/ 2018                        | 02/07/2018          | Joint Stock Company<br>Scientific Research and<br>Design Institute for Energy<br>Technologies<br>ATOMPROEKT and Joint<br>Stock Company «Science and<br>Innovations»,RU.        | Flow Mixing T-Unit of Reactor Volume Control System   |
| 181/2018                         | 02/07/2018          | Joint Stock Company<br>«Science and Innovations»<br>and Joint Stock Company<br>Scientific Research and<br>Design Institute for Energy<br>Technologies<br>ATOMPROEKT.,RU.       | VVER Emergency Cooling System Sump<br>Protection Device, Filter Module of Sump<br>Protection Device and Filter Element of Sump<br>Protection Device |
| 182/ 2018                        | 02/07/2018          | Joint Stock Company<br>«Science and Innovations»<br>and Joint Stock Company<br>Scientific Research and<br>Design Institute for Energy<br>Technologies<br>ATOMPROEKT.,RU and RU | POWER PLANT CHEMICAL CONTROL<br>SYSTEM  |
| 183/2018                         | 03/07/2018          | GOO, JEI HYUN,KR   | AN APPARATUS WHICH ROTATES A<br>SHAFT IN WHICH ONE ELECTROMAGNET<br>IS USED   |
| 184/ 2018                        | 04/07/2018          | Mohammad Arifur<br>Rahman,BD   | Functionality of an autonomous car and how it works   |
| 185/ 2018                        | 04/07/2018          | GALAPAGOS NV,BE  | NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF FIBROSIS   |
| 186/2018                         | 04/07/2018          | Stoller Enterprises, Inc. ,US  | A Synergistic Agricultural Formula Comprising<br>Diacyl Or Diaryl Urea And At Least One Plant<br>Growth Regulator                                   |
| 187/ 2018                        | 08/07/2018          | TVS MOTOR COMPANY<br>LIMITED,IN  | A CRANKSHAFT FOR AN INTERNAL COMBUSTION ENGINE  |
| 188/ 2018                        | 09/07/2018          | Dr. Yasmeen Haque,BD   | Method and system based on nonlinear optical characteristics of body fluids for diagnosis of neoplasia  |
| 189/ 2018                        | 09/07/2018          | Joint Stock Company<br>«Science and Innovations»<br>and Joint Stock Company<br>Scientific Research and<br>Design Institute for Energy<br>Technologies<br>ATOMPROEKT., RU.      | METHOD OF CORROSION RATE CONTROL<br>OF NUCLEAR POWER PLANT PROCESS<br>CIRCUIT EQUIPMENT   |

| Application No. | Date of application | Name of Applicant & nationality                          | Title of the invention  |
|-----------------|---------------------|--|---|
| 190/ 2018       | 09/07/2018          | GILEAD SCIENCES,<br>INC.,US                              | COMPOSITIONS COMPRISING AN RNA POLYMERASE INHIBITOR AND CYCLODEXTRIN FOR TREATING VIRAL INFECTIONS  |
| 191/2018        | 10/07/2018          | GALAPAGOS NV and CALCHAN LIMITED,BE and GB               | PYRROLOPYRIMIDINE AND PYRROLOPYRIDINE DERIVATIVES   |
| 192/ 2018       | 10/07/2018          | BRITISH AMERICAN<br>TOBACCO (INVESTMENTS)<br>LIMITED.,GB | Plant   |
| 193/ 2018       | 11/07/2018          | Telefonaktiebolaget L M<br>Ericsson (publ),SE            | METHODS AND APPARATUS RELATING<br>TO RANDOM ACCESS IN A WIRELESS<br>COMMUNICATIONS NETWORK  |
| 194/ 2018       | 11/07/2018          | Bangladesh Agricultural<br>Research Institute,BD         | A Composition of Solution for Plant Nutrient for Hydroponic   |
| 195/ 2018       | 12/07/2018          | Saroj Vanijya Pvt. Ltd.,IN                               | Method For Manufacturing A Dry Mix<br>Construction Material And System Thereof  |
| 196/ 2018       | 12/07/2018          | RIGEL TECHNOLOGY (S)<br>PTE LTD,SG                       | TOILET BOWL   |
| 197/ 2018       | 12/07/2018          | DyStar Colours Distribution<br>GmbH,DE                   | High wet fast Disperse Dye Mixtures   |
| 198/ 2018       | 12/07/2018          | Access to Information (a2i)<br>Programme,BD              | Smart Blind Stick   |
| 199/ 2018       | 12/07/2018          | Access to Information (a2i)<br>Programme,BD              | Fused Deposition Modeling (FDM) Three<br>Dimensional Printer  |
| 200/ 2018       | 12/07/2018          | TVS MOTOR COMPANY<br>LIMITED,IN                          | SUPPORTING STRUCTURE FOR A TWO-<br>WHEELED VEHICLE  |
| 201/2018        | 15/07/2018          | Convatec Technologies<br>Inc.,US                         | AN OSTOMY POUCH WITH AN OPENING SYSTEM  |
| 202/ 2018       | 15/07/2018          | SERUM INSTITUTE OF<br>INDIA PRIVATE<br>LIMITED,IN        | An immunogenic composition having improved stability, enhanced immunogenicity and reduced reactogenicity and process for preparation thereof                    |
| 203/2018        | 18/07/2018          | Arvind Limited,IN  | CONTINUOUS DYEING OF<br>THERMOPLASTIC MATERIAL  |
| 204/ 2018       | 18/07/2018          | Erber Aktiengesellschaft,AT                              | APPARATUS AND METHOD FOR<br>DELIVERING DROPLETS OF FLUIDS ONTO<br>POULTRY HATCHLINGS  |
| 205/ 2018       | 19/07/2018          | ESSEL ENERGY INFRA<br>PVT. LTD.,IN                       | DEVICE TO GENERATE HIGH OUTPUT<br>ELECTRICITY FROM LOW INPUT SUPPLY<br>AND SYSTEM AND METHODS RELATED<br>THERETO  |
| 206/ 2018       | 19/07/2018          | Hishab Limited,BD  | A System and method of delivering user specific content via a cellular or data network  |
| 207/ 2018       | 19/07/2018          | Hishab Limited,BD  | A System and method of delivering user specific content via a cellular of data network  |
| 208/ 2018       | 22/07/2018          | LU, WEN-CHIN,CN  | SAFE SYRINGE  |
| 209/ 2018       | 24/07/2018          | GILEAD SCIENCES,<br>INC.,US                              | CRYSTALLINE FORMS OF ETHYL ((S)-<br>((((2R,5R)-5-(6-AMINO-9H-PURIN-9-YL)-4-<br>FLUORO-2,5-DIHYDROFURAN-2-<br>YL)OXY)METHYL)(PHENOXY)PHOSPHORY<br>L)-L-ALANINATE |

| Application No. | Date of application | Name of Applicant & nationality                          | Title of the invention   |
|-----------------|---------------------|--|--|
| 210/ 2018       | 25/07/2018          | TVS MOTOR COMPANY<br>LIMITED,IN                          | EXHAUST DEVICE FOR A TWO WHEELED VEHICLE   |
| 211/2018        | 25/07/2018          | TVS MOTOR COMPANY<br>LIMITED,IN                          | A TRANSMISSION ASSIST SYSTEM FOR A TWO-WHEELED VEHICLE   |
| 212/ 2018       | 25/07/2018          | SHANTARAM KANE,IN  | A PROCESS FOR PREPARING EXTRACT(S)<br>OF URINE AND/OR FAECES OF MAMMAL<br>IN OIL OR FAT, AND THE EXTRACT(S)<br>THEREOF |
| 213/2018        | 26/07/2018          | TVS MOTOR COMPANY<br>LIMITED, IN                         | A TRANSMISSION SYSTEM FOR A TWO-WHEELED VEHICLE  |
| 214/ 2018       | 26/07/2018          | Saroj Vanijya Pvt. Ltd.,IN                               | METHOD OF PRODUCING A COMPACT<br>AND HIGHLY DENSE CONSTRUCTION<br>MATERIAL AND COMPOSITION THEREOF                     |
| 215/2018        | 26/07/2018          | Two Blades Foundation,US                                 | Potyvirus Resistance Genes And Methods Of Use  |
| 216/2018        | 29/07/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE             | COUPLING LOSS REPORTING IN WIRELESS COMMUNICATION NETWORKS   |
| 217/ 2018       | 30/07/2018          | R.J. Reynolds Tobacco<br>Company, US                     | Methods And Compositions For Viral-Based<br>Gene Editing In Plants   |
| 218/ 2018       | 30/07/2018          | TAKEDA<br>PHARMACEUTICAL<br>COMPANY LIMITED,JP           | HETEROCYCLIC COMPOUND  |
| 219/ 2018       | 02/08/2018          | TAKEDA<br>PHARMACEUTICAL<br>COMPANY LIMITED, JP          | HETEROCYCLIC COMPOUND AND USE THEREOF  |
| 220/ 2018       | 05/08/2018          | INNER MONGOLIA YILI<br>INDUSTRIAL GROUP CO.,<br>LTD., CN | Deodorized goat/sheep milk, method for producing the same and goat/sheep milk products                                 |
| 221/2018        | 05/08/2018          | INNER MONGOLIA YILI<br>INDUSTRIAL GROUP CO.,<br>LTD.,CN  | MICROENCAPSULATED OIL-AND-FAT<br>AND METHOD FOR PRODUCING THE<br>SAME  |
| 222/ 2018       | 07/08/2018          | WAVE LIFE SCIENCES<br>LTD.,SG                            | OLIGONUCLEOTIDE COMPOSITIONS AND METHODS THEREOF   |
| 223/2018        | 07/08/2018          | INDOFIL INDUSTRIES<br>LIMITED,IN                         | Pesticidal Composition and a process for its preparation   |
| 224/ 2018       | 07/08/2018          | INDOFIL INDUSTRIES<br>LIMITED,IN                         | Pesticidal Composition and a process for its preparation   |
| 225/ 2018       | 09/08/2018          | GILEAD SCIENCES,<br>INC.,US                              | Solid Forms of an HIV Capsid Inhibitor   |
| 226/ 2018       | 09/08/2018          | Archroma IP GmbH,CH                                      | METHOD AND DEVICE FOR MAKING<br>ANILINE-FREE LEUCOINDIGO SALT<br>SOLUTIONS   |
| 227/ 2018       | 09/08/2018          | Archroma IP GmbH,CH                                      | PURIFIED CONCENTRATED AQUEOUS LEUCOINDIGO SALT SOLUTIONS   |
| 228/ 2018       | 09/08/2018          | Archroma IP GmbH,CH                                      | METHODS OF MAKING LEUCOINDIGO<br>SALT SOLUTIONS WITH VERY LOW<br>ANILINE CONTENT                                       |
| 229/ 2018       | 09/08/2018          | Archroma IP GmbH,CH                                      | LEUCOINDIGO SALT SOLUTION WITH<br>VERY LOW CONTENT OF ANILINE AND<br>METHOD OF MAKING SAME                             |
| 230/ 2018       | 12/08/2018          | OPULENT ELECTRONICS<br>INTERNATIONAL PTE.<br>LTD.,SG     | DEVICE AND METHOD FOR PROVIDING<br>AN ELECTRICAL CURRENT TO AN<br>ELECTRICAL LOAD                                      |

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| Application No. | Date of application | Name of Applicant & nationality  | Title of the invention   |
| 231/2018        | 12/08/2018          | Telefonaktiebolaget LM<br>Ericsson (publ),SE   | QUALITY OF SERVICE (QOS)<br>MANAGEMENT IN A DISTRIBUTED RADIO<br>ACCESS NETWORK (RAN) ARCHITECTURE   |
| 232/ 2018       | 13/08/2018          | SYNGENTA<br>PARTICIPATIONS AG,CH   | Herbicidal Compounds   |
| 233/ 2018       | 14/08/2018          | Bangladesh Forest Research<br>Institute (BFRI),BD  | Manufacturing of sofa set using bamboo mat overlaid particleboard  |
| 234/ 2018       | 14/08/2018          | Professor Dr. A K M Nowsad<br>Alam,BD  | Methodology for Manufacture of Stabilized Ilish<br>Powder from Hilsa Fish  |
| 235/ 2018       | 14/08/2018          | Professor Dr. A K M Nowsad<br>Alam,BD  | Process for Manufacture of Frozen Ilish Cube from Hilsa Fish   |
| 236/ 2018       | 14/08/2018          | BASF SE,DE   | Method for monitoring at least one aquaculture pond and aquaculture pond monitoring system   |
| 237/ 2018       | 16/08/2018          | GILEAD SCIENCES,<br>INC.,US  | Choline Salt Forms of an HIV Capsid Inhibitor  |
| 238/ 2018       | 16/08/2018          | Tata Consultancy Services<br>Limited, a company organized<br>and existing under the laws of<br>India, IN | METHOD AND SYSTEM FOR EARLY RISK ASSESSMENT OF PRETERM DELIVERY OUTCOME.   |
| 239/ 2018       | 19/08/2018          | JSC «DB<br>«Promengineering»,RU  | THRESHOLD CONTROL UNIT FOR OPERATING AN ACTUATOR OR A PROCESS APPARATUS  |
| 240/ 2018       | 19/08/2018          | JSC «DB<br>«Promengineering»,RU  | THRESHOLD CONTROL UNIT FOR<br>OPERATING AN ACTUATOR OR A<br>PROCESS APPARATUS WITH A FUNCTION<br>OF INPUT SIGNAL DIAGNOSIS   |
| 241/ 2018       | 19/08/2018          | LONATI S.P.A,IT  | METHOD FOR THE PRODUCTION OF<br>PORTIONS OF MANUFACTURE BY MEANS<br>OF A CIRCULAR KNITTING MACHINE<br>WITH NEEDLE CYLINDER THAT CAN BE<br>ACTUATED WITH AN ALTERNATING<br>ROTARY MOTION ABOUT ITS OWN AXIS |
| 242/ 2018       | 20/08/2018          | Arvind Limited, IN   | A NON-WOVEN APPAREL FABRIC, AND A PROCESS FOR MANUFACTURING THE SAME   |
| 243/ 2018       | 20/08/2018          | ARVIND LIMITED,IN  | OXIDATIVE COLORING OF<br>THERMOPLASTIC FIBERS AND APPAREL<br>THEREOF   |
| 244/ 2018       | 26/08/2018          | GILEAD SCIENCES, INC.,<br>US   | THERAPEUTIC HETEROCYCLIC COMPOUNDS   |
| 245/ 2018       | 26/08/2018          | TVS MOTOR COMPANY<br>LIMITED, IN   | SUPPORTING STRUCTURE FOR A TWO-<br>WHEELED VEHICLE   |
| 246/ 2018       | 26/08/2018          | Applied Chemicals Handels-GmbH, AT   | METHOD FOR PREPARING A DRY-<br>STRENGTH AGENT, IN PARTICULAR<br>GLYOXYLATED POLYACRYLAMIDE   |
| 247/ 2018       | 26/08/2018          | HIL LIMITED, IN  | Light-weight & high strength non-asbestos corrugated fiber cement roofing sheets manufactured by autoclave method  |
| 248/ 2018       | 29/08/2018          | Bajaj Auto Limited, IN   | DISC BRAKE ASSEMBLY FOR A TWO WHEEL VEHICLE  |

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| Application No. | Date of application           | Name of Applicant & nationality  | Title of the invention   |
| 249/ 2018       | 30/08/2018                    | Novozymes A/S, DK  | Method for inactivating a cellulase  |
| 250/ 2018       | 30/08/2018                    | Md. Nazimul Haque, BD  | A method and system for finance through<br>Business Card for Micro, Small and Medium<br>Enterprise (MSME) Business   |
| 251/2018        | 30/08/2018                    | Saurer Spinning Solutions<br>GmbH & Co. KG, DE   | Compression Device   |
| 252/ 2018       | 03/09/2018                    | YU-SHUN CHANG, CN  | SOLAR POWER GENERATION DEVICE AND MOUNTING SEAT THEREOF  |
| 253/ 2018       | 03/09/2018                    | ARVIND LIMITED, IN   | SINGLE CORE COMPOSITE ELASTIC YARN AND FABRIC THEREOF  |
| 254/ 2018       | 03/09/2018                    | CJ Cheiljedang Corporation,<br>KR  | NOVEL BACILLUS AMYLOLIQUEFACIENS<br>STRAIN AND METHOD FOR PREPARING<br>FERMENTED SOY PRODUCT USING THE<br>SAME   |
| 255/ 2018       | 03/09/2018                    | CJ Cheiljedang Corporation,<br>KR  | SOY PROTEIN CONCENTRATE<br>HYDROLYZED UNDER LOW MOISTURE<br>CONDITION AND PREPARATION METHOD<br>THEREOF  |
| 256/ 2018       | 04/09/2018                    | Joint-Stock Company Engineering company ASE.; Joint Stock company ATOMENERGOPROEKT and Joint Stock Company «Science and Innovations»., RU; | SINGLE-ACTION EMERGENCY THERMAL VALVE  |
| 257/ 2018       | 05/09/2018                    | Eisai R&D Management Co,<br>Ltd., JP   | PENTACYCLIC COMPOUND   |
| 258/ 2018       | 09/09/2018                    | Saroj Vanijya Pvt. Ltd., IN  | METHOD OF PRODUCING RAW MATERIALS FOR USE IN PRODUCING A DRY MIX CONSTRUCTION MATERIAL   |
| 259/ 2018       | 10/09/2018                    | Tensar Technologies<br>Limited,GB  | GEOGRIDS   |
| 260/ 2018       | 12/09/2018                    | JSC «DB «Promengineering», RU  | TECHNOLOGICAL PROCESS RADIATION MONITORING APPARATUS (PRMA)  |
| 261/2018        | 12/09/2018                    | JSC «DB «Promengineering», RU  | SAMPLING COLLECTOR FOR<br>REPRESENTATIVE SAMPLING OF GAS-<br>AEROSOL MEDIUM FROM A DISCHARGE<br>PIPE   |
| 262/ 2018       | 12/09/2018                    | LS CABLE & SYSTEM<br>LTD., KR  | CENTRAL TENSION MEMBER FOR OVERHEAD CABLE, OVERHEAD CABLE HAVING THE SAME, OVERHEAD TRANSMISSION SYSTEM HAVING OVERHEAD CABLE, AND METHOD OF CONSTRUCTING OVERHEAD TRANSMISSION SYSTEM |
| 263/2018        | 12/09/2018                    | LO.LI. Pharma S.r.l<br>,IT   | Compositions, uses and methods for treatment of infertility and subfertility   |
| 264/ 2018       | 12/09/2018                    | Cotton, Inc., US   | IMPROVING THE BALANCE OF DURABLE PRESS PROPERTIES OF COTTON FABRICS USING NON-FORMALDEHYDE TECHNOLOGY  |
| 265/2018        | 13/09/2018                    | 9449710 CANADA INC, CA   | TEREPHTHALIC ACID ESTERS FORMATION   |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention  |
|-----------------|---------------------|---|---|
| 266/ 2018       | 16/09/2018          | SYNGENTA<br>PARTICIPATIONS AG, CH   | A process for the preparation of pesticidally active heterocyclic derivatives with sulfur containing substituents |
| 267/ 2018       | 18/09/2018          | British American Tobacco<br>(Investments) Limited, GB   | A Filter Unit for a Smoking Article   |
| 268/ 2018       | 18/09/2018          | Element, Inc., US   | Methods, Systems, And Media For Detecting<br>Spoofing In Mobile Authentication                                    |
| 269/ 2018       | 20/09/2018          | UPL LTD, IN   | NOVEL AGROCHEMICAL COMBINATIONS   |
| 270/ 2018       | 20/09/2018          | Mohammad Abdullah, BD   | Single Rickshaw for Human Transportation  |
| 271/2018        | 20/09/2018          | Fortiac Corporation dba<br>Téchin New York , US   | Non-Stretch Garment Having Knit Stretch Panels  |
| 272/ 2018       | 20/09/2018          | Ashley Furniture Industries, Inc., US   | Ready To Assemble Furniture   |
| 273/ 2018       | 23/09/2018          | Joint Stock Company<br>«Science and Innovations»<br>and Joint Stock Company<br>"Rosenergoatom", RU. | METHOD OF COMPACTION OF BASES<br>COMPOSED OF WEAK MINERAL SOILS   |
| 274/ 2018       | 23/09/2018          | JOINT-STOCK COMPANY "TVEL", RU  | NUCLEAR REACTOR FUEL ASSEMBLY   |
| 275/ 2018       | 26/09/2018          | Hexagon Ragasco AS, NO  | METHOD AND APPARATUS FOR<br>PREPARING A LINER FOR A COMPOSITE<br>PRESSURE CONTAINER                               |
| 276/ 2018       | 27/09/2018          | AYM SYNTEX LTD., IN   | Process And System For Manufacturing Twisted<br>And Textured Yarns  |
| 277/ 2018       | 27/09/2018          | HONDA MOTOR CO.,<br>LTD., JP  | AIR CLEANER   |
| 278/ 2018       | 27/09/2018          | BRITISH AMERICAN<br>TOBACCO<br>(INVESTMENTS) LIMITED,<br>GB   | A Filter for a Smoking Article or an Aerosol<br>Generating Product  |
| 279/ 2018       | 30/09/2018          | GALAPAGOS NV, BE  | NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF INFLAMMATORY DISORDERS               |
| 280/ 2018       | 01/10/2018          | Dr. Md. Anwar Hossain, BD   | Immunogenic agents, their expression and applications, for effective prophylaxis of foot and mouth disease        |
| 281/2018        | 03/10/2018          | GILEAD SCIENCES, INC.,<br>US  | HIV PROTEASE INHIBITORS   |
| 282/ 2018       | 07/10/2018          | OPERA CINEMA PVT.<br>LTD, IN  | AUDIO VIDEO ADVERTISEMENT<br>PLATFORM AND METHOD THEREOF  |
| 283/2018        | 09/10/2018          | NTT DOCOMO, Inc., JP  | User Terminal And Radio Communication<br>Method   |
| 284/ 2018       | 11/10/2018          | CHT Germany GmbH, DE  | PROCESS FOR REMOVING MANAGANESE OXIDE DEPOSITS FROM TEXTILES SURFACES   |
| 285/ 2018       | 11/10/2018          | YKK CORPORATION, JP   | ELECTROPLATED ARTICLES AND METHOD OF MANUFACTURING THE SAME   |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention   |
|-----------------|---------------------|---|--|
| 286/ 2018       | 11/10/2018          | SERUM INSTITUTE OF<br>INDIA PRIVATE LIMITED,<br>IN                              | STABLE VACCINE COMPOSITIONS COMPRISING INTER ALIA LIVE ATTENUATED RECOMBINANT FLAVIVIRUS AND PROCESS FOR PREPARATION THEREOF                       |
| 287/ 2018       | 14/10/2018          | Dr. Md. Iftekhar Shams, BD  | CITRATE-BONDED COMPOSITE MADE<br>FROM JUTE, METHOD TO PREPARE THE<br>SAME, AND APPLICATIONS THEREOF  |
| 288/ 2018       | 14/10/2018          | Dr. Md. Iftekhar Shams, BD  | REINFORCED CEMENT-BONDED<br>COMPOSITE PANEL, METHOD TO<br>PREPARE THE SAME, AND APPLICATIONS<br>THEREOF  |
| 289/ 2018       | 14/10/2018          | Dr. Md. Iftekhar Shams,BD   | BINDERLESS PARTICLE BOARD MADE<br>FROM JUTE, METHOD TO PREPARE THE<br>SAME, AND APPLICATIONS THEREOF   |
| 290/ 2018       | 14/10/2018          | Dr. Md. Iftekhar Shams,BD   | SELF-BONDED COMPOSITE MADE FROM<br>JUTE, METHOD TO PREPARE THE SAME,<br>AND APPLICATIONS THEREOF   |
| 291/2018        | 14/10/2018          | Dr. Md Iftekhar Shams,BD  | ADHESIVE COMPOSITION, AND PROCESS USING THE SAME FOR PRODUCTION OF WORKABLE COMPOSITES   |
| 292/ 2018       | 14/10/2018          | SYNGENTA<br>PARTICIPATIONS AG,CH  | A PROCESS FOR THE PREPARATION OF<br>PESTICIDALLY ACTIVE HETEROCYCLIC<br>DERIVATIVES WITH SULFUR AND<br>SULFONIMIDAMIDES CONTAINING<br>SUBSTITUENTS |
| 293/2018        | 14/10/2018          | Telesat Canada,CA   | Dual LEO Satellite System and Method for<br>Global Coverage  |
| 294/ 2018       | 16/10/2018          | Eisai R&D Management Co.,<br>Ltd. and UCL Business<br>PLC,JP and GB             | Anti-TAU Antibodies And Uses Thereof   |
| 295/ 2018       | 16/10/2018          | RELIANCE INDUSTRIES<br>LIMITED,IN   | SILANE FUNCTIONALISED FIBRE BASED<br>COATING COMPOSITION AND A PROCESS<br>OF PREPARATION THEREOF   |
| 296/ 2018       | 18/10/2018          | ARVIND LIMITED,IN   | PROCESS FOR DYEING FABRICS HAVING<br>THERMOPLASTIC FIBRES USING<br>OXIDATIVE DYES  |
| 297/ 2018       | 21/10/2018          | Noushad Sojib and Dr. M.<br>Zafar Iqbal,BD and BD                               | Refreshable Braille Cell Module  |
| 298/ 2018       | 23/10/2018          | BRITISH AMERICAN<br>TOBACCO<br>(INVESTMENTS)<br>LIMITED.,GB                     | A Filter for a Smoking Article or an Aerosol<br>Generating Product   |
| 299/ 2018       | 25/10/2018          | CAC Nantong Chemical Co.,<br>LTD.,CN  | METHOD FOR PREPARING<br>AZOXYSTROBIN INTERMEDIATES   |
| 300/ 2018       | 25/10/2018          | CAC Nantong Chemical Co.,<br>LTD.,CN  | METHOD FOR PREPARING<br>AZOXYSTROBIN   |
| 301/2018        | 28/10/2018          | Super-Max Personal Care Pvt.<br>Ltd.,IN   | SHAVING CARTRIDGE WITH ENHANCED RINSABILITY  |
| 302/2018        | 05/11/2018          | CDP Innovations Pty Ltd., a<br>Limited Company<br>Incorporated in Australia,,AU | A METHOD FOR THE PRODUCTION OF DIESEL.   |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention   |
|-----------------|---------------------|---|--|
| 303/2018        | 05/11/2018          | QINGDAO KINGAGROOT<br>CHEMICAL COMPOUNDS<br>CO., LTD.,CN  | Herbicidal composition comprising shuangzuocaotong and an application thereof  |
| 304/ 2018       | 07/11/2018          | Joint Stock Company "TVEL"<br>and Public Joint Stock<br>Company<br>"Mashinostroitelnyzavod", RU.                            | NUCLEAR REACTOR FUEL ASSEMBLY  |
| 305/ 2018       | 07/11/2018          | Joint Stock Company "TVEL",RU   | TRAP FOR SOLID PARTICLES IN NUCLEAR REACTOR FUEL ASSEMBLY  |
| 306/ 2018       | 07/11/2018          | Novus International Inc.,US   | Compositions And Methods of Improving Dietary<br>Phosphorus And Calcium Utilization In Animals   |
| 307/ 2018       | 07/11/2018          | LAKSHMI MACHINE<br>WORKS LTD, IN  | POSITIONING DEVICE FOR TEXTILE MACHINE   |
| 308/2018        | 08/11/2018          | Denali Therapeutics Inc., US  | BACE-TAU Bispecific Antibodies   |
| 309/ 2018       | 08/11/2018          | Denali Therapeutics Inc., US  | Anti-BACE1 Antibodies And Methods Of Use Thereof   |
| 310/ 2018       | 11/11/2018          | TAKEDA<br>PHARMACEUTICAL<br>COMPANY LIMITED, JP   | STING MODULATOR COMPOUNDS, AND METHODS OF MAKING AND USING   |
| 311/2018        | 11/11/2018          | Zaid Al Mamun, BD   | Zaid Power   |
| 312/2018        | 20/11/2018          | Mr. Surasak<br>BAMRUNGWONG, TH  | SYSTEM AND METHODS FOR NETWORK MARKETING COMPENSATION  |
| 313/2018        | 20/11/2018          | Oregon Precision Industries,<br>Inc. dba PakTech, US  | CONTAINER CARRIER WITH FLEXIBLE RAISED HANDLE  |
| 314/2018        | 20/11/2018          | HSIEN-CHIA WU, CN   | HIGH EFFICIENCY COMBUSTION CONTROL SYSTEM AND METHOD THEREOF   |
| 315/ 2018       | 22/11/2018          | Dr. MUHAMMAD RABIUL<br>ALAM, BD   | Heterogeneous characteristics of Green Jute Plant and its innovative equation RP= r $\Delta$ FL means sustainable diversified products obtained in paper, Jute and Textile sectors |
| 316/2018        | 27/11/2018          | UPL LTD, IN   | HERBICIDAL COMBINATIONS  |
| 317/ 2018       | 27/11/2018          | UPL LTD, IN   | HERBICIDAL COMBINATIONS  |
| 318/ 2018       | 27/11/2018          | AKCIONERNOE OBSHCHESTVO "RADIEVYY INSTITUT IMENI V.G. KHLOPINA and Joint Stock Company "Science and Innovations", RU and RU | Fuel composition for water-cooled reactors of NPPs on thermal neutrons   |
| 319/ 2018       | 27/11/2018          | COUNCIL OF SCIENTIFIC<br>& INDUSTRIAL<br>RESEARCH., IN  | Method and System for Activity Recording,<br>Visualisation and Analysis for Identified<br>Segments of Forest   |
| 320/ 2018       | 28/11/2018          | UPL LTD,IN  | HERBICIDAL COMBINATIONS  |
| 321/2018        | 28/11/2018          | INNER MONGOLIA YILI<br>INDUSTRIAL GROUP CO.,<br>LTD., CN  | Composition for debitterizing hydrolyzed proteins and product, preparation and uses thereof  |
| 322/ 2018       | 28/11/2018          | Insecticides (India) Limited, IN  | A NOVEL ISOXAZOLE COMPOUND OR A SALT THEREOF   |
| 323/2018        | 28/11/2018          | NTT DOCOMO, Inc., JP  | User Terminal And Radio Communication Method   |
| 324/ 2018       | 29/11/2018          | GALAPAGOS NV, BE  | NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF HEPATITIS B.  |

| Application No. | Date of application | Name of Applicant & nationality   | Title of the invention  |
|-----------------|---------------------|---|---|
| 325/ 2018       | 29/11/2018          | GALAPAGOS NV, BE  | NOVEL COMPOUNDS AND PHARMACEUTICAL COMPOSITIONS THEREOF FOR THE TREATMENT OF DISEASES.  |
| 326/ 2018       | 29/11/2018          | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR), BD          | COMPOSITION FOR Pb FREE SOLDER<br>ALLOYS AND THE PREPARATION<br>THEREOF   |
| 327/ 2018       | 02/12/2018          | QINGDAO KINGAGROOT<br>CHEMICAL COMPOUNDS<br>CO., LTD., CN                           | SUBSTITUTED OXIME NITROGEN-<br>CONTAINING HETEROARYL FORMATE<br>DERIVATIVE AND PREPARATION<br>METHOD THEREFOR, HERBICIDAL<br>COMPOSITION AND APPLICATION<br>THEREOF |
| 328/ 2018       | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Condiment from Pangus Mince  |
| 329/ 2018       | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Stick from Silver Carp Mince   |
| 330/ 2018       | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Noodles from Silver Carp Mince   |
| 331/2018        | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Ball from Silver Carp Mince  |
| 332/2018        | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Pickle from Thai Pangus Muscle   |
| 333/ 2018       | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Burger from Pangus Mince   |
| 334/ 2018       | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Pickle from Mola   |
| 335/ 2018       | 02/12/2018          | Bangladesh Agricultural<br>University (BAU), BD                                     | Fish Sauce from SIS   |
| 336/ 2018       | 04/12/2018          | JDC CORPORATION, a corporation organized and existing under the laws of Japan, JP   | LAYERED DOUBLE HYDROXIDE PRODUCING METHOD WITH IMPROVED ADSORPTION PERFORMANCE.   |
| 337/ 2018       | 04/12/2018          | JDC CORPORATION, a corporation organized and existing under the laws of Japan, JP   | WATER PURIFICATION APPARATUS USING LAYERED DOUBLE HYDROXIDE WITH IMPROVED ADSORPTION PERFORMANCE.   |
| 338/ 2018       | 04/12/2018          | JDC CORPORATION, a corporation organized and existing under the laws of Japan, JP   | WATER PURIFICATION METHOD USING LAYERED DOUBLE HYDROXIDE WITH IMPROVED ADSORPTION PERFORMANCE.  |
| 339/ 2018       | 06/12/2018          | Sportswrap Australia Pty Ltd.<br>and SLEEVER<br>INTERNATIONAL<br>COMPANY, AU and FR | A JACKET OF HEAT-SHRINKABLE<br>MATERIAL, AN ARTICLE COVERED IN<br>SUCH A JACKET, AND A CORRESPONDING<br>DEVICE  |
| 340/ 2018       | 09/12/2018          | Bangladesh Council of<br>Scientific and Industrial<br>Research (BCSIR), BD          | A PROCESS FOR THE PREPARATION OF WATER SOLUBLE NATURAL DYE USING COCONUT (Cocos nucifera Linn.) SHELL   |
| 341/2018        | 09/12/2018          | Mohammad Taufiq Alam, BD  | COMPOSITION, AND METHOD USING SAID COMPOSITION, FOR STABILIZATION OF GLUCOSE OXIDASE AND APPLICATIONS THEREOF   |

| Application No. | Date of application | Name of Applicant & nationality  | Title of the invention   |
|-----------------|---------------------|--|--|
| 342/ 2018       | 09/12/2018          | R.J. Reynolds Tobacco<br>Company and University Of<br>Kentucky Research<br>Foundation, US and US | bZIP Transcription Factors Regulate Conversion<br>Of Nicotine To Nornicotine   |
| 343/ 2018       | 09/12/2018          | LG ELECTRONICS INC., KR  | METHOD OF TRANSMITTING UPLINK PHASE TRACKING REFERENCE SIGNAL BY USER EUQIPMENT IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS SUPPORTING SAME |
| 344/ 2018       | 09/12/2018          | Md. Mominul Islam, BD  | REMOVAL OF CONTAMINANTS USING<br>ACTIVE AND INACTIVE COMPOUNDS<br>FROM DRINKING WATER  |
| 345/ 2018       | 10/12/2018          | Sentec Ltd., GB  | Electricity meter with electrically-controlled electromechanical switch  |
| 346/ 2018       | 10/12/2018          | SYNGENTA<br>PARTICIPATIONS AG, CH  | PLANT GROWTH REGULATION  |
| 347/ 2018       | 13/12/2018          | Abu Sayeed, BD   | Harmony  |
| 348/ 2018       | 13/12/2018          | Dolby International AB, SE   | BACKWARD-COMPATIBLE INTEGRATION<br>OF HIGH FREQUENCY RECONSTRUCTION<br>TECHNIQUES FOR AUDIO SIGNALS  |
| 349/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG,CH  | Drafting unit for a spinning machine having a condensing device  |
| 350/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Drafting unit for a spinning machine having a condensing device  |
| 351/2018        | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Suction tube for a condensing device of a spinning machine   |
| 352/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Drafting unit for a spinning machine having a condensing device and method for condensing a fiber strand                                       |
| 353/2018        | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Device and drafting unit for condensing a fiber strand   |
| 354/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Drafting system for a spinning-mill machine  |
| 355/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Drafting system for a spinning-mill machine and condensing device  |
| 356/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Drafting system and condensing device for a spinning-mill machine  |
| 357/ 2018       | 13/12/2018          | MASCHINENFABRIK<br>RIETER AG, CH   | Spinning-mill machine and condensing device  |
| 358/ 2018       | 13/12/2018          | Institute of Organic Chemistry<br>and Biochemistry ASCR,<br>V.V.I., CZ                           | 2'2' CYCLIC DINUCLEOTIDES WITH PHOSPHONATE BOND ACTIVATING THE STING ADAPTOR PROTEIN   |
| 359/ 2018       | 13/12/2018          | Institute of Organic Chemistry<br>and Biochemistry ASCR,<br>V.V.I., CZ                           | 2'3' CYCLIC DINUCLEOTIDES WITH<br>PHOSPHONATE BOND ACTIVATING THE<br>STING ADAPTOR PROTEIN   |
| 360/ 2018       | 17/12/2018          | Institute of Organic Chemistry<br>and Biochemistry ASCR,<br>V.V.I., CZ                           | 3'3' CYCLIC DINUCLEOTIDES WITH<br>PHOSPHONATE BOND ACTIVATING THE<br>STING ADAPTOR PROTEIN   |
| 361/2018        | 20/12/2018          | SAIPEM S.p.A., IT  | DUPLEX STAINLESS STEELS AND USES THEREOF   |

| Application | Date of     | Nama of Annligant Pr  | Title of the invention   |
|-------------|-------------|---|--|
| No.         | application | Name of Applicant & nationality   | Title of the invention   |
| 362/2018    | 20/12/2018  | Sanko Tekstil Isletmeleri San.<br>Tic. A.S., TR                         | COMPOSITE CORE YARN, ARTICLE OF<br>CLOTHING COMPRISING A COMPOSITE<br>CORE YARN, METHOD FOR PRODUCING A<br>COMPOSITE CORE YARN AND USE OF A<br>COMPOSITE CORE YARN   |
| 363/2018    | 23/12/2018  | Pearl Aqua Co., Ltd., TH  | METHOD FOR PRODUCING LIVE AQUACULTURE FEED   |
| 364/ 2018   | 24/12/2018  | Mohammad Rafiqul Islam<br>Chowdhury, BD                                 | Online Electronic Translation (E-Translation)<br>System, Service and Method for Digital Signature<br>Authentication  |
| 365/ 2018   | 27/12/2018  | Eva Rahman Kabir;<br>Md. Jasim Uddin and Hasina<br>Yasmin,BD; BD and BD | DESIGN OF 3D PRINTED MICRONEEDLE APPLICATOR  |
| 366/ 2018   | 31/12/2018  | AHR ENERGY SPA, CL  | METHOD TO PRODUCE HEAT TRANSFER<br>BETWEEN TWO OR MORE MEANS AND A<br>SYSTEM TO EXECUTE SUCH METHOD  |
| 367/ 2018   | 31/12/2018  | CJ Cheiljedang<br>Corporation, KR                                       | A feed composition for preventing or treating acute hepatopancreatic necrosis disease (AHPND) or white spot syndrome (WSS), comprising a Bacillus subtilis strain, a Bavilus pumilus strain, and a Bacillus licheniformis strain as active ingredients |
| 368/2018    | 31/12/2018  | CJ Cheiljedang<br>Corporation, KR                                       | A feed composition for preventing or treating acute hepatopancreatic necrosis disease or white spot syndrome including Bacillus subtilus   |

**Dr. Sitara Begum** Deputy Registrar.