রেজিস্টার্ড নং ডি এ-১

বাংলাদেশ গেজেট

কর্তৃপক্ষ কর্তৃক প্রকাশিত

বৃহস্পতিবার, মার্চ ২৩, ২০১৭

৪র্থ খণ্ড

প্রথম খণ্ডে অন্তর্ভুক্ত প্রজ্ঞাপনসমূহ ব্যতীত পেটেন্ট অফিস কর্তৃক জারীকৃত প্রজ্ঞাপনসমূহ

গণপ্রজাতন্ত্রী বাংলাদেশ সরকার

পেটেন্ট, ডিজাইন ও ট্রেডমার্কস অধিদপ্তর

শিল্প মন্ত্রণালয়

৯১, মতিঝিল বা/এ, ঢাকা-১০০০।

গৃহীত পেটেন্ট দরখাস্ত
Accepted Patent Applications

এতদ্বারা জানানো যাইতেছে যে, নিম্নে বাম পার্শ্বে উল্লিখিত যে কোন পেটেন্ট আবেদনপত্র সম্পর্কীয় 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 ট্রেডমার্কস 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 পূর্ণাঙ্গ বিশেষত্বনামা গৃহীত হইবার পর পেটেন্ট নম্বর প্রদান করা হইয়াছে এবং এই ক্রমিক সংখ্যা অনুসারে বিনির্দেশ মুদ্রণ করা হইবে এবং পরবর্তী কার্যক্রম গ্রহণ করা হইবে।

গৃহীত পেটেন্ট দরখাস্ত সমূহের সাময়িক (যদি থাকে) ও পূর্ণাঙ্গ বিশেষত্বনামা জনসাধারণের পরিদর্শনের জন্য অফিস চলাকালীন সময়ে অত্র অধিদপ্তরে প্রদর্শিত হয়। যে কোন আবেদনকারীর প্রয়োজনে টাইপ-রাইটারে মুদ্রিত বিশেষত্বনামা প্রত্যায়িত প্রতিলিপি সরবরাহ করা যাইতে পারে যদি তিনি ২৯ নং ফরমে নির্দিষ্ট 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 (5th Floor), 91, Motijheel C/A, Dhaka-1000, Bangladesh in the prescribed form-6 of the Patents and Designs Rules, 1933.

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

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

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

44/ 2015	LAKSHMI MACHINE WORKS LTD, an Indian Company, (whose legal address is Perianaickenpalayam, Coimbatore 641 020, Tamilnadu State, India) Priority: IN 958/CHE/2014 Dated: 26/02/2014	DRIVE ARRANGEMENT FOR DRAFTING ROLLERS OF RING SPINNING MACHINE. *IPC:* D 01H 7/52, 9/04 **1005773** **Abstract:** An improved drive arrangement for drafting rollers of textile ring spinning machine comprising at least four drafting modules provided between headstock and endstock wherein each module has a front roller, a split two-part middle roller and a split two-part rear roller, characterized in that an electric motor drives first part of the rear drafting rollers of the first and third modules at the headstock side; an electric motor drives first part of the rear drafting rollers of the second and fourth modules at the endstock side; an electric motor drives second parts of the rear drafting rollers of the each module; an electric motor drives first part of the middle drafting rollers of the first and third modules at the headstock side; an electric motor drives first part of the middle drafting rollers of the second and fourth modules at the endstock side; an electric motor drives second parts of the middle drafting rollers of the each module; an electric motor drives the front drafting rollers of the first and third modules at the headstock side; and an electric motor drives the front drafting rollers of the second and fourth modules at the endstock side.
61/ 2015	QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/227,872 Dated: 27/03/2014	SECURE AND SIMPLIFIED PROCEDURE FOR JOINING A SOCIAL WI-FI MESH NETWORK. *IPC:* H 04L 29/06, H 04W 12/04, 12/06 **1005774** **Abstract:** Methods, systems, and devices are described for communications via a mesh network. To join an existing mesh network, a wireless communica-tion device may identify a member device from a plurality of member devices of an existing mesh network. The wireless communication device may communicate with the identified member device to participate in a single authentication procedure. Upon successfully completing the single authentication procedure, the wireless communication device may join the existing mesh network without needing any additional authentication procedures with another member device of the plurality of member devices to join the existing mesh network. This approach may be used for any mesh network, such as a social Wi-Fi mesh network.
62/ 2015	QUALCOMM Incorporated, an USA National, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/244,321 Dated: 03/04/2014.	POWER-EFFICIENT, LOW-NOISE, AND PROCESS/ VOLTAGE/TEMPERATURE (PVT)-INSENSITIVE REGULATOR FOR A VOLTAGE-CONTROLLED OSCILLATOR (VCO). *IPC:* G 05F 3/26 **1005783** **Abstract:** Certain aspects of the present disclosure provide voltage regulating circuits which are power efficient, low noise, and substantially insensitive to changes in process technology, power supply voltage, and temperature. Such circuits may be used to provide the regulated voltage for a voltage-controlled oscillator, for example, as found in a radio frequency front end. One example voltage regulating circuit generally includes a current source configured to supply or sink a reference current and a current mirror having a bias branch and a main branch, wherein the bias branch is connected with the current source, wherein the main branch includes a source follower to provide the regulated voltage, and wherein the reference current is available at a node for the regulated voltage.
63/ 2015	QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/228,437 Dated: 28/03/2014	SINGLE-INPUT MULTIPLE-OUTPUT AMPLIFIERS WITH SIMULTANEOUS MULTIPLE GAIN MODES. *IPC:* H 03F 3/189, 3/68 **1005784** **Abstract:** A device includes at least one first amplifier circuit configurable to receive and amplify an input radio frequency signal having a first carrier at a first input signal level and provide a first amplified RF signal, and at least one second amplifier circuit configurable to receive and amplify the input RF signal having a second carrier at a second input signal level and provide a second amplified RF signal, the at least one first amplifier circuit having a first input impedance, the at least one second amplifier circuit having a second input impedance.

64/ 2015 QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/231,103 Dated: 31/03/2014

SPECTRUM SENSING RADIO RECEIVER.

IPC: H 04B 1/00, 1/10

1005775

Abstract: A device includes a reconfigurable receiver front end having variable gain and variable bandwidth configured to tune to a plurality of communication channels in a communication band, the reconfigurable receiver front end responsive to a signal power level.

65/ 2015 QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/223,091 Dated: 24/03/2014

SPECULATIVE HISTORY FORWARDING IN OVERRIDING BRANCH PREDICTORS, AND RELATED CIRCUITS, METHODS, AND COMPUTER-READABLE MEDIA.

IPC: G 06F 9/38

1005776

Abstract: Speculative history forwarding in overriding branch predictors, and related circuits, methods, and computer-readable media are disclosed. In one embodiment, a branch prediction circuit including a first branch predictor and a second branch predictor is provided. The first branch predictor generates a first branch prediction for a conditional branch instruction, and the first branch prediction is stored in a first branch prediction history. The first branch prediction is also speculatively forwarded to a second branch prediction history. The second branch predictor subsequently generates a second branch prediction based on the second branch prediction history, including the speculatively forwarded first branch prediction. By enabling the second branch predictor to base its branch prediction on the speculatively forwarded first branch prediction, an accuracy of the second branch predictor may be improved.

69/ 2015 QUALCOMM Incorporated, an USA National, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/228,049 Dated: 27/03/2014

Systems and Methods for Common Mode Level Shifting.

IPC: H 03F 3/45

1005772

Abstract: A common mode voltage level shifting circuit including: input nodes configured to receive a differential signal with a first common mode voltage, a pair of shunt capacitors coupled between the input nodes and a corresponding pair of output nodes, a threshold voltage circuit, including the output nodes, coupled to the differential signal though the shunt capacitors, the threshold voltage circuit configured to provide a second common mode voltage for the differential signal at the output nodes, and current sources that are controlled according to a level of the first common mode voltage, the current sources coupled to the output nodes to effect the second common mode voltage.

70/ 2015 QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/258,541 Dated: 22/04/2014

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

IPC: G 06F 1/32, 9/38

1005788

Abstract: Latency-based power mode units for controlling power modes of processor cores, and related methods and systems 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.

71/ 2015 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 14/252,880 Dated: 15/04/2014

ENHANCED MOBILE STANDBY PERFORMANCE DURING SIMULTANEOUS DUAL-TECHNOLOGY COMMUNICATION BY SELECTING A NEXT HIGHEST POWER CHANNEL FOR A LOWER PRIORITY COMMUNICATION TO AVOID INTERFERENCE SCENARIOS.

IPC: H 04B 1/525, H 04W 16/14, 72/12

1005792

Abstract: The various embodiments include methods and apparatuses for avoiding interference scenarios during concurrent communication of dual-technology wireless communication devices. Interference scenarios may be avoided by predicatively determining the potential for interference between the channels of multiple communications on the dual-technology wireless communication devices. For a pending communication, a predicative calculation may be made to determine whether the channel of the pending communication and the channel of an active communication may interfere with each other. If so, the communication with a lower priority may switch to the highest powered channel that does not interfere with the higher priority communication. Once the interference condition expires, and the lower priority communication persists, its channel may switch to a higher power channel that will not cause interference with any active or pending communications. Switching the channel for a communication may be prompted by electromagnetic interference from components of the dual-technology wireless communication devices.

72/ 2015 QUALCOMM Incorporated, Business incorporated under the laws of USA, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/663,155 Dated: 19/03/2015; US 61/969,022 Dated: 21/03/2014 and US 62/000,437 Dated: 19/05/2014

USING A CURRENT PICTURE AS A REFERENCE FOR VIDEO CODING TO A METHOD OF CODING OR DECODING VIDEO DATA.

IPC: H 04N 19/105, 19/139, 19/159

1005790

Abstract: An example method for encoding or decoding video data includes storing, by a video coder and in a reference picture buffer, a version of a current picture of the video data, including the current picture in a reference picture list (RPL) used to predict the current picture, and coding, by the video coder and based on the RPL, a block of video data in the current picture based on a predictor block of video data included in the version of the current picture stored in the reference picture buffer.

73/ 2015 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 14/250,150 Dated: 10/04/2014

SWITCHABLE PACKAGE CAPACITOR FOR CHARGE CONSERVATION AND SERIES RESISTANCE.

IPC: G 06F 1/32, H 01L 23/62, 23/64

1005787

Abstract: In one embodiment, an apparatus comprises a capacitor and a die. The die comprises a resistor switch coupled between a power line and the capacitor, wherein the resistor switch has an adjustable resistance, and the power line and the capacitor are both external to the die. The die also comprises a circuit configured to receive power from the power line.

76/ 2015 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 14/514,776 Dated: 15/10/2014 and US 61/975,574 Dated: 04/04/2014

METHODS AND APPARATUS FOR ASSISTED RADIO ACCESS TECHNOLOGY SELF-ORGANIZING NETWORK CONFIGURATION.

IPC: H 04W 24/02, 84/18

1005791

Abstract: The present methods and apparatus relate to managing interference associated with a configuration of a self-organizing network (SON) during wireless communication, comprising receiving, at a first radio access technology (RAT) entity, measurement information from a user equipment (UE) for assisting with interference management at a second RAT entity, wherein the first RAT entity is collocated with the second RAT entity; and configuring the second RAT entity based at least in part on the measurement information received by the first RAT entity. In a further aspect, the present methods and apparatus comprise embedding, by a first RAT entity, RAT entity-specific information of a second RAT entity in a management indication, wherein the first RAT entity and the second RAT entity are collocated; and transmitting the management indication to one or both of a UE and another first RAT entity.

77/ 2015 TATA MOTORS LIMITED, an Indian company, (whose legal address is Bombay House, 24 HormiMody Street, Hutatma Chowk, Mumbai 400 001 Maharashtra., India)
Priority: IN 1069/MUM/2014 Dated: 27/03/2014

A BRAKING SYSTEM FOR A VEHICLE.

IPC: B 60T 7/00, B 66D 3/04

1005789

Abstract: The present disclosure provides a braking system for a vehicle. The braking system comprises at least one first brake cable passing through a first pulley with one end of the at least one first brake cable removably connected to a brake lever and other end of the at least one first brake cable removably connected to a first support bracket, wherein, tension force on the at least one first brake cable exerts tension force on the first pulley. A secondary unit removably connected to the first pulley, dispenses tension force intervening on the first pulley to a pair of second brake cables wherein, one end of the second brake cables are removably connected to the secondary unit and the other end of the second brake cables are removably connected to brakes of the vehicle.

82/ 2015 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 14/618,704 Dated: 10/02/2015 and US 61/986,729 Dated: 30/04/2014

TECHNIQUES FOR OBTAINING AND MAINTAINING ACCESS TO A WIRELESS COMMUNICATION MEDIUM.

IPC: H 04W 74/08

1005793

Abstract: Techniques are described for wireless communication. One method includes implementing, at a first node, a first access protocol to contend for access to a wireless communication medium shared by a plurality of nodes; determining whether a triggering event has occurred; and implementing, at the first node, a second access protocol to contend for access to the wireless communication medium based at least in part on a determination that the triggering event has occurred.

91/ 2015 QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America)
Priority: US 14/671,757 Dated: 27/03/2015 and US 61/973,028 Dated: 31/03/2014

SYSTEMS AND METHODS OF SWITCHING CODING TECHNOLOGIES AT A DEVICE.

IPC: G 01 L 19/02, G 10 L 19/12

1005777

Abstract: A particular method includes encoding a first frame of an audio signal using a first encoder. The method also includes generating, during encoding of the first frame, a baseband signal that includes content corresponding to a high band portion of the audio signal. The method further includes encoding a second frame of the audio signal using a second encoder, where encoding the second frame includes processing the baseband signal to generate high band parameters associated with the second frame.

92/ 2015 Nucleus Scientific Inc., a corporation organized under the laws of the state of Delaware of (whose legal address is 148 Sidney Street, Cambridge, Massachusetts 02139, United States of America)
Priority: US 61/981, 934 Dated: 21/04/2014

INDUCTIVE POSITION SENSING IN LINEAR ACTUATORS.

IPC: B 01D 5/20

1005803

Abstract: A method for determining a position of a magnet assembly relative to an array of inductive elements arranged adjacent to a magnetically permeable material, the method involving: measuring electrical characteristics of each of one or more inductive elements of the array of inductive elements; and from information derived from the measured electrical characteristics of the one or more inductive elements of the array of inductive elements, determining the position of the magnet assembly relative to the array of inductive elements.

93/ 2015 Nucleus Scientific Inc, a corporation organized under the laws of the state of Delaware, (whose legal address is 148 Sidney Street, Cambridge, Massachusetts 02139, United States of America)
Priority: US 61/980, 191 Dated: 16/04/2014

MAGNETIC POSITION COUPLING AND VALVE MECHANISM.

IPC: H 02K 41/03, 7/10

1005802

Abstract: An apparatus including an array of coils wherein each coil of the array of coils is wound around a core region for containing a fluid; an external magnet assembly mounted outside of the array of coils and movable over the array of coils; and an internal magnet assembly mounted inside the core region around which the coils of the array of coils are wound, wherein the internal magnet assembly is aligned with and magnetically coupled to the external magnet assembly so that the external and internal magnet assemblies move together along the array of coils in response drive signals applied to the coils within the array of coils.

94/ 2015	QUALCOMM Incorporated, an USA National, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/672,868 Dated: 30/03/2015 and US 61/973,135 Dated: 31/03/2014	HIGH-BAND SIGNAL CODING USING MULTIPLE SUB-BANDS. *IPC:* G 10L 19/08, 19/24 1005785 **Abstract:** A method includes receiving, at a vocoder, an audio signal sampled at a first sample rate. The method also includes generating, at a low-band encoder of the vocoder, a low-band excitation signal based on a low-band portion of the audio signal. The method further includes generating a first baseband signal at a high-band encoder of the vocoder. Generating the first baseband signal includes performing a spectral flip operation on a nonlinearly transformed version of the low-band excitation signal. The first baseband signal corresponds to a first sub-band of a high-band portion of the audio signal. The method also includes generating a second baseband signal corresponding to a second sub-band of the high-band portion of the audio signal. The first sub-band is distinct from the second sub-band.
96/ 2015	QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/499,860 Dated: 29/09/2014 and US 61/985,305 Dated: 28/04/2014	DISPLAY-INTEGRATED USER-CLASSIFICATION, SECURITY AND FINGERPRINT SYSTEM. *IPC:* G 06F 21/32, G 06K 9/00 **1005778** **Abstract:** This disclosure provides systems, methods and apparatus related to biometric authentication of a user of an electronic device. An electronic display has a display cover glass with a front surface that includes a viewing area, and a fingerprint reading area within the viewing area. At least one photosensing element is configured to detect received scattered light, the received scattered light resulting from interaction of light with an object in at least partial optical contact with the front surface within the fingerprint reading area and to output, to a processor, fingerprint image data.
97/ 2015	QUALCOMM Incorporated, an USA National, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/519,855 Dated: 21/10/2014 and US 61/978,084 Dated: 10/04/2014	TECHNIQUES FOR POWER OPTIMIZATION BASED ON NETWORK PARAMETERS. *IPC:* H 04W 52/02, 76/04 **1005794** **Abstract:** A method for power optimization by an apparatus is disclosed. The method includes identifying one or more network parameters that affect one or more of a processing rate and a power usage of the processor in a connected state. The method also includes identifying a trigger event for the one or more network parameters. The method further includes adjusting a performance of the processor in the connected state when the trigger event occurs.
98/ 2015	QUALCOMM Incorporated, an USA National, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/253,770 Dated: 15/04/2014	SYSTEMS AND METHODS FOR RECOVERING FROM UNCORRECTED DRAM BIT ERRORS *IPC:* G 06F 11/14, 11/20 **1005786** **Abstract:** Systems, methods, and computer programs are disclosed for recovering from dynamic random access memory (DRAM) defects. One method comprises determining that an uncorrected bit error has occurred for a physical code word address associated with a dynamic random access memory (DRAM) device coupled to a system on chip (So C). A kernel page associated with a DRAM page comprising the physical code word address is identified as a bad page. Recovery from the uncorrected bit error is provided by rebooting a system comprising the So C and the DRAM device. In response to the rebooting, the identified kernel page is excluded from being allocated for DRAM operation.

99/ 2015 | QUALCOMM Incorporated, an USA National, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/673,589 Dated: 30/03/2015 and US 61/986,055 Dated: 29/04/2014

MULTIPLE BSSID PROCEDURE WITH TIM ENCODING.

IPC: H 04W 74/00

1005795

Abstract: Certain aspects of the present disclosure provide methods and apparatus for s wireless communications, comprising a processing system configured to generate a frame with an information element (IE) having a partial virtual bitmap field that indicates zero or more basic service sets (BSSs) that have buffered group-cast traffic, wherein the partial virtual bitmap field comprises at least one encoded subfield that identifies at least one individual BSS having buffered group-cast traffic using one or more bits of an identifier of the individual BSS, and an interface for outputting the frame containing the IE for transmission.

103/ 2015 | QUALCOMM Incorporated, an USA Nationality, (whose legal address is 5775 Morehouse Drive, San Diego, California 92121-1714, United States of America) Priority: US 14/265,693 Dated: 30/04/2014

HIGH BAND EXCITATION SIGNAL GENERATION.

IPC: G 10L 19/08

1005796

Abstract: A particular method includes determining, at a device, a voicing classification of an input signal. The input signal corresponds to an audio signal. The method also includes controlling an amount of an envelope of a representation of the input signal based on the voicing classification. The method further includes modulating a white noise signal based on the controlled amount of the envelope. The method also includes generating a high band excitation signal based on the modulated white noise signal.

104/ 2015 | Dystar Colours Distribution GmbH, (A German company,) (whose legal address is Am Prime Parc 10-12, D-65479 Raunheim, Germany) Priority: EP 14165125.7 Dated: 17/04/2014

FLUORESCENT REACTIVE DYES, PROCESS FOR THE PRODUCTION THEREOF AND THEIR USE.

IPC: C 09B 62/02

1005798

Abstract: The present invention is directed to fluorescent reactive dyes of general formula (I) a process for the production thereof and their use.

111/ 2015 | 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 14/685,051 Dated: 13/04/2015 and US 61/986,734 Dated: 30/04/2014

A METHOD FOR WIRELESS COMMUNICATION OVER AN UNLICENSED RADIO FREQUENCY SPECTRUM BAND.

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

1005806

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.

120/ 2015	Telefonaktiebolaget L M Ericsson (Publ), Swedish company. (whose legal address is SE-164 83 Stockholm, Sweden) Priority: SE PCT/SE2015/050451 Dated: 20/04/2015 and US 61/990,947 Dated: 09/05/2014	METHOD IN A NETWORK-NODE OF A COMMUNICATION NETWORK FOR OBTAINING MEASUREMENT RESULTS FROM A WIRELESS COMMUNICATIONS DEVICE. *IPC:* H 04W 24/10 **1005807** **Abstract:** Methods and communication network nodes for forwarding UE measurement results. A method is provided which is performed by a first communication network node of a communication network for obtaining measurement results from a wireless communication device in accordance with a Layer 1 communication protocol. A request is formulated for information related to measurements performed by the wireless communication device, the request is sent to a second communication network node, and the requested information is received 306 forwarded from the second communication network node, in accordance with the Layer 1 communication protocol. By implementing functionality in communication network nodes of a communication network for requesting and forwarding UE measurement results between each other, where the UE measurements results has been delivered to a second one of the communication network on the Layer 1 communication protocol, the first one of the communication network nodes may be enabled to retrieve the UE measurement results in accordance with the Layer 1 communication protocol even if the Layer 1 Communication protocol is terminated in the second one of the communication network nodes. Thereby, the first communication network node may retrieve and take the UE measurement results into account when controlling communication of data in the system, which may give rise to a more efficient utilising of installed communication resources.
121/ 2015	QUALCOMM Incorporated, an USA Nationality, (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	Multi-Mode, Multi-Protocol Serial Bus. *IPC:* G 06F 13/42 **1005808** **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 signalling 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.
129/ 2015	Telefonaktiebolaget LM Ericsson (Publ), a Swedish company of (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 61/991, 304 Dated: 09/05/2014	UPLINK RECONFIGURATION FOR SPLIT BEARER IN DUAL CONNECTIVITY. *IPC:* H 04L 1/18, H 04W 36/02 **1005800** **Abstract:** According to some embodiments, a wireless device operating in dual connectivity with a first and second network node performs a method comprising establishing an uplink radio connection from the wireless device to the first and second network nodes. The wireless device comprises first MAC and RLC modules for uplink radio communication with the first network node, second MAC and RLC modules for uplink radio communication with the second network node, and a PDCP module for communicating with the first and second RLC modules. The method further comprises communicating data for uplink transmission from the PDCP module to the first RLC module; obtaining an indication to switch transmission of uplink data from the first network node to the second network node; resetting the first RLC module and the first MAC module; and communicating data for uplink transmission from the PDCP module to the second RLC module.

140/ 2015	Telefonaktiebolaget LM Ericsson (Publ), a Swedish company, (whose legal address is SE-164 83 Stockholm, Sweden) Priority: PCT/ EP2014/062677 Dated: 17/06/2014	DETERMINATION OF BEAM CONFIGURATION. *IPC:* H 04B 7/06, 7/08 **1005804** **Abstract:** There is provided determination of a beam configuration between a first radio transceiver device and a second radio transceiver device. The first radio transceiver device performs beam searching by transmitting a first sounding signal in all transmit beam configurations in a set of transmit beam configurations ; and receiving, from the second radio transceiver device, a second sounding signal in all receive beam configurations in a set of receive beam configurations. The first radio transceiver device determines a beam configuration based on the receive beam configuration in the set of receive beam configurations in which the second sounding signal having best predetermined metric was received.
141/ 2015	Telefonaktiebolaget L M Ericsson (Publ), a Swedish company of (whose legal address is SE-164 83 Stockholm, Sweden) Priority: US 61/993814 Dated: 15/05/2014	SELECTING A PACKET LOSS CONCEALMENT PROCEDURE. *IPC:* G 10L 19/00, H 04L 29/06, 29/14 **1005779** **Abstract:** In accordance with an example embodiment of the present invention, disclosed is a method and an apparatus thereof for selecting a packet loss concealment procedure for a lost audio frame of a received audio signal. A method for selecting a packet loss concealment procedure comprises detecting an audio type of a received audio frame and determining a packet loss concealment procedure based on the audio type. In the method, detecting an audio type comprises determining a stability of a spectral envelope of signals of received audio frames.
144/ 2015	Rieter Ingolstadt GmbH., a company incorporated under the laws of Germany, (whose legal address is Friedrich-Ebert-Strasse 84, 85055 Ingolstadt, Germany) Priority: DE 102014 107 597.8 Dated: 28/05/2014	Method for opening a drafting system and drafting system. *IPC:* D 01H 5/00, 5/22, 5/44 **1005781** **Abstract:** The invention relates to a method for opening a drafting unit having a plurality of roller pairs for drafting a fiber sliver, said fiber sliver being tensioned between a transport roller pair and a drafting unit comprising at least one intake and one discharge roller pair, preferably one intake, at least one middle, and one discharge roller pair, each roller pair of the drafting unit comprising at least one top and one bottom roller. Prior to opening at least the intake and/or middle roller pair of the drafting unit, the tensioning of the fiber sliver between the transport roller pair and the drafting unit is reduced, particularly eliminated. The invention further relates to a corresponding drafting unit, the tensioning of the fiber bundle between the transport roller pair and the drafting unit being reduced, particularly eliminated, by means of a mechanical or electrical coupling or controller prior to opening at least the intake and/or middle roller pair of the drafting unit.
154/ 2015	UNILEVER PLC, a company registered in England and Wales under company no. 41424 (whose legal address is Unilever House, 100 Victoria Embankment, London, EC4Y ODY, United Kingdom), Priority: EP14172893.1 Dated: 18/06/2014	LAYERED DOUBLE HYDROXIDES, METHODS FOR SYNTHESIS AND USE THEREOF FOR PURIFICATION OF WATER. *IPC:* C 01G 3/00, 49/00, 9/00, C 02F 1/28 **1005780** **Abstract:** It has been determined that a layered double hydroxide of the general formula [(M2+)1-x(M3+) x(OH)2] x+(An-) x/n.mH2O, where, M2+ is Zn2+, Cu2+, Fe2+ or Ca2+; M3+ is Al3+ or Fe3+ and An- is CO32-, OH-, Cl-, NO3-, SO42- or PO43-, “x” is in the range of 0.05 to 0.5, “n” is in the range of 1 to 10, and “m” is in the range of 0 to 10; wherein said layered double hydroxide is granular having minimum particle size of 50 μm, is useful for significantly enhanced lifetime but also to keep residual metal content of purified water low. Such granulated material is effective in combination with other filter materials like activated carbon, thereby making it an effective and efficient medium of purification of water.

165/ 2015	ANGADJI, Michael, United Arab Emirates National, (whose legal address is Hamid Reza, 1505, 345-SH. Zayed Road, Post Box: 38041, Dubai, United Arab Emirates) Priority: IN 2301/DEL/2014 Dated: 12/08/2014	GAS PRESSURE REGULATOR FOR TWO WHEELER. *IPC:* F 02D 19/02 **1005782** **Abstract:** The present disclosure relates to a cost effective and easy to install pressure regulator for two wheeler that reduces CNG pressure from its storage pressure of about 200 bar to less than 1 bar in two stages without any adverse effect of cooling of gas due to expansion and heating of cooled gases. The second stage pressure regulator also incorporate flow control valve and means to adjust idling speed and performance of engine thereby reducing number of assemblies, pipes and hardware making it cost effective for two wheeler application.
171/ 2015	TATA MOTORS LIMITED, an Indian company of (whose legal address is Bombay House, 24 Homi Mody Street, Hutatma Chowk, Mumbai 400 001, Maharashtra, India.) Priority: IN 2127/MUM/2014 Dated: 30/06/2014	A PARKING BRAKE ASSEMBLY AND A METHOD THEREOF. *IPC:* B 60T 11/04, F 16D 55/224, 65/14 **1005797** **Abstract:** The present disclosure provides a parking brake assembly for a vehicle. The assembly comprises a reaction plate connected to an outer cable at one side and a caliper housing body at its other side. The reaction plate and the caliper housing body are configured with a plurality of guiding holes at a leading and trailing side. A plurality of studs are configured to pass through plurality of guiding holes and connected to a first brake pad and reaction plate. The assembly also comprises an inner cable configured to connect with caliper housing body. Upon actuation of a parking brake lever, inner cable displaces caliper housing body relative to reaction plate to simultaneously actuate first brake pad and a second brake pad for applying parking brake.
193/ 2015	Graziano VIGNALI; Citizenship: Italian, (whose legal address is Via Porrettana 210 - 40037 SASSO MARCONI, Italy) Priority: IT MI2014A001350 Dated: 24/07/2014	Process for the preparation of an organic titanium derivatives, titanium derivative obtained by the process, ink containing the derivative and ceramic digital printing method using the ink. *IPC:* C 07F 7/28 **1005801** **Abstract:** Described is a production process for the preparation of an organic titanium derivative useful for the preparation of yellow inks for digital printing on ceramics, comprising the following steps: (i) mixing an wherein are independently selected from H and a linear or branched C1-C6 alkyl radical, in the presence of at least an organic solvent immiscible with water and subsequent removal of reaction by-products; (ii) adding water to the reaction mixture in a H2O:Ti 2 molar ratio and subsequent removal of unreacted water and reaction by-products; (iii) maturing the reaction mixture. Also described are the titanium derivative obtainable by means of the above-reported process, an ink that contains the derivative and a method of digital printing on ceramics that uses said ink.
194/ 2015	HONDA MOTOR CO. LTD., a Japanese company, (whose legal address is 1-1, Minami-Aoyama, 2-Chome, Minato-Ku, Tokyo, Japan., TOKYO, Japan) Priority: JP PCT/JP2014/071052 Dated: 08/08/2014	STRUCTURE OF REAR PORTION OF VEHICLE BODY. *IPC:* B 62K 11/00 **1005799** **Abstract:** A vehicle body comprises left and right rear side frames positioned in the left and right ends of the rear portion of the vehicle body and extending longitudinally, a rear end cross member spanning between and joined to the rear ends of the left and right rear side frames and a cross member spanning between and joined to the left and right rear side frames in front of the rear end cross member. A first longitudinal member and left and right second longitudinal members span between and join the cross member and the rear end cross member. The first longitudinal member is positioned in the lateral middle. The left and right second longitudinal members are positioned between the first longitudinal member and the left and right rear side frames respectively, and define an arch shape in which the longitudinally central regions protrude upward.

195/ 2015 Standard Brands (UK) Limited, a Company incorporate under the laws of United Kingdom. (whose legal address is 4 Cleeve Court, Cleeve Road, Leatherhead, Surrey, KT22 7SD, United Kingdom)
Priority: GB 1414979.3 Dated: 22/08/2014 and GB 1501449.1 Dated: 29/01/2015

Forced air Cooking Stove with raised air inlets, method of use thereof, and kit comprising cooking stove and fuel block.

IPC: F 24B 0/0

1005809

Abstract: A cooking stove 2 comprising a fan 14 configured to force air into a combustion chamber 8 through air inlets 10 in the walls 4 of the combustion chamber 8. The air inlets 10 are positioned at least 30mm from the base 6 of the combustion chamber 8 and direct the forced air to the headspace above the fuel 20. Clean combustion of high energy fuels can be achieved by the cooking stove 2.

197/ 2015 LAKSHMI MACHINE WORKS LTD, an Indian company, (whose legal address is Perianaickenpalayam, Coimbatore- 641 020,Tamil Nadu., India) Priority: IN 3776/CHE/2014 Dated: 01/08/2014

AN IMPROVED DRIVE ARRANGEMENT FOR DRAFTING ROLLERS OF RING SPINNING MACHINE.

IPC: D 01H 1/22, 1/30, 1/32

1005805

Abstract: The present invention relates to an improved drive arrangement for drafting rollers of ring spinning machine. In one embodiment the arrangement including a drafting zone having at least four drafting modules provided between the headstock and endstock of a machine frame, the drafting modules includes a first module, a second module, a third module and a fourth module. The drafting modules are separated from each other, further the modules including a plurality of drafting rollers which are provisioned by one or more motors in order to eliminate the usage of large number of gears for different draft ratio and to achieve uniform torsional force distribution over entire machine spinning frame.

Md. Saidur Rahman
Deputy Registrar (Patents & Designs).