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নং-৩৬.০৮.০০০০.২০০.১৬.০০১.২২.৩৫৮

তারিখঃ ৪/৩/২০২৬ খ্রি.

**বিষয়ঃ দাখিলকৃত পেটেন্ট আবেদনসমূহ ওয়েবসাইটে প্রকাশ।**

বাংলাদেশ পেটেন্ট আইন, ২০২৩ এর ধারা ১৭ অনুযায়ী ডিপিডিটিতে ২০২৪ সালে দাখিলকৃত পেটেন্ট আবেদন নং ২০৩-২০৮, ২১৩-২১৬, ২১৮-২৫৩, ২৫৫-২৫৭, ২৬০-২৬১ মোট ৫১ (একান্ন) টি আবেদন নিম্নবর্ণিত তথ্যাদি সহ অধিদপ্তরের ওয়েবসাইটে (www.dpdt.gov.bd) প্রকাশ করা হল।

(ক) উদ্ভাবনের শিরোনাম;
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(গ) আবেদন দাখিলের তারিখ ও নম্বর;
(ঘ) অগ্রাধিকার নম্বর ও তারিখ, যদি থাকে;
(ঙ) পেটেন্ট এর শ্রেণিবিন্যাস;
(চ) উদ্ভাবনের মূল উপাদান চিত্রায়িত করে এইরূপ অংকন, যদি থাকে;
(ছ) বিষয়বস্তুর সার-সংক্ষেপ।

সংযুক্তিঃ ৫১ (একান্ন) পাতা।

০৪/০৩/২৬
মোঃ হাবিবুর রহমান
উপ-পরিচালক (পেটেন্ট)

অনুলিপিঃ
১। পরিচালক (সকল), পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর, ঢাকা।
২। সিস্টেম এনালিস্ট, পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর। (ওয়েবসাইটে প্রকাশের জন্য)
৩। উপ-পরিচালক (পেটেন্ট) (সকল), পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর, ঢাকা।
৪। মহাপরিচালক মহোদয়ের ব্যক্তিগত সহকারী, পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর, ঢাকা।

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## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-203
**(22) Filed:** 02/07/2024

**(23) Priority Data:**
N/A

**(71) Applicant:** Shibli Noman Eye Electronics of 1/a, Darussalam Road, Shop No: 37, 4th Floor, Mazar Cooperative Market, Mirpur, Dhaka-1216, Dhaka, Nationality -Bangladesh

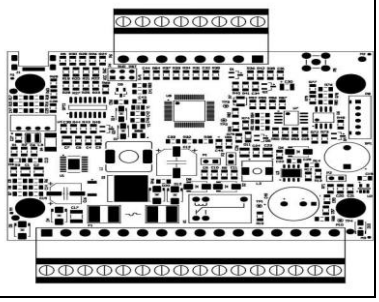
**(72) Inventors:** (1) Shibli Noman of 1/a, Darussalam Road, Shop No: 37, 4th Floor, Mazar Cooperative Market, Mirpur, Dhaka-1216, Dhaka, Bangladesh Nationality -Bangladesh

**(51) INT. CL. :** G07F 19/00

**(54) Invention Title:** My role is to innovate by developing advanced security alarm systems for IoT devices. This system is ideally suited for corporate offices, sites, shops, ATMs, remote monitoring/control, home security, and more.

**(57) Abstract**

My role involves the innovation and development of advanced security alarm systems using IoT device features. These systems are designed to be ideally suited for a wide range of applications, including corporate offices, sites, shops, ATMs, remote monitoring and control, as well as home security. By leveraging IoT technology, these systems provide enhanced security, real-time monitoring, and improved control, ensuring comprehensive protection for various environments.



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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-204
**(22) Filed:** 03/07/2024

**(23) Priority Data:**
Spain, Number :202331195, Date : 04-07-2023.

**(71) Applicant:** ERUM DYNAMIC SOLUTIONS, S.L of c/ San Jorge nº 1, Alcoy, Alicante 03801, Nationality -Spain

**(72) Inventors:** (1) Juan Manuel Erum Pascual of Partida de Sant Benet Baix, Polígono Industrial El Clérigo, Parcela 2-A, 03802 Alcoy, Alicante, Spain Nationality -Spain

**(74) Agent :** Shahid & Alliance, {app_representative_address}, Bangladesh

**(51) INT. CL. :** F16B 45/06

**(54) Invention Title:** HANGER WITH A FRANGIBLE HOOK

**(57) Abstract**

The present invention relates to a hanger with a frangible hook, comprising a hook and a plastic-based main body, from the central area of which there emerge laterally a pair of arms, in which central area there is established, in the upper portion, a hole, in which a constricted access is defined under which sub-chambers are established. Thus, the hook has in its lower area a plastic connector with elastically deformable barbs. Advantageously, the configuration defined by the barbs makes them frangible beyond a pre-designed vertical tensile stress or stress in the direction of rotation. This makes it possible to detach the hook from the main body of the hanger, either for the replacement thereof, in case of wear, or to avoid stoppages, jams or damage to the items in logistic chains.

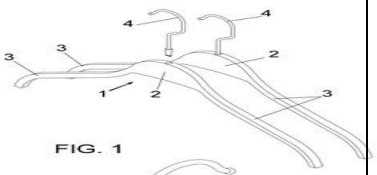

FIG. 1

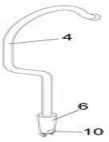

FIG. 2

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-205
**(22) Filed:** 04/07/2024

**(23) Priority Data:**
India, Number :202341053590, Date : 10-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Umur KARABULUT of Murnauer Str. 122a, Munich, 81379, Germany Nationality -Turkey, (1) Srinivasan SELVAGANAPATHY of Manyata Embassy Business Park, Bangalore, 560045, India Nationality -India, (2) Suresh P NAIR of 20077 Palermo Lake CT, Estero, Florida, 33928, United States of America Nationality -United States of America, (3) Stawros ORKOPOULOS of Kleiststr. 7, Nersingen, 89278, Germany Nationality -Germany, (4) Panagiotis SPAPIS of Unterwaldenstrasse 1, Munich, 81475, Germany Nationality -Greece, (5) Halit Murat GÜRSU of Mülhauser Strasse 4, Munich, 81379, Germany Nationality -Turkey

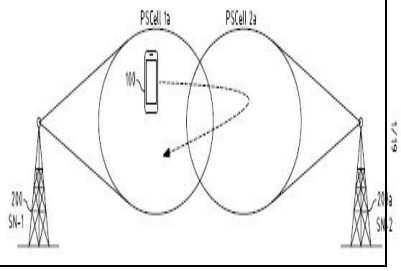
**(74) Agent :** Rana & Associates, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04N 19/117

**(54) Invention Title:** KEY PROVISION

**(57) Abstract**

Methods, apparatus and systems for provision of keys in a communication network are disclosed.



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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-206
**(22) Filed:** 07/07/2024

**(23) Priority Data:**
N/A

**(71) Applicant:** Bangladesh Council of Scientific and Industrial Research (BCSIR) of Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Nationality -Bangladesh

**(72) Inventors:** (1) Dr. Md. Aftab Ali Shaikh of Bangladesh Council of Scientific and Industrial Research (BCSIR), Bangladesh Nationality -Bangladesh, (2) Dr. Md. Murshed Hasan Sarkar of BCSIR Dhaka Laboratories , Bangladesh Nationality -Bangladesh, (3) Dr. Md. Salim Khan of BCSIR Rajshahi Laboratories, Bangladesh Nationality -Bangladesh, (4) Dr. Md. Ahashan Habib of BCSIR Dhaka Laboratories , Bangladesh Nationality -Bangladesh, (5) Dr. Shahina Akter of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (6) Dr. Tanjina Akhtar Banu of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (7) Barna Goswami of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (8) Sanjana Fatema Chowdhury of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (9) Showti Raheel Naser of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (10) Dr. Chowdhury Rafiqul Ahsan of Department of Microbiology, University of Dhaka, Bangladesh Nationality -Bangladesh, (11) Md. Ibrahim Miah of Department of Microbiology, University of Dhaka, Bangladesh Nationality -Bangladesh, (12) Dr. Afzalun Nessa of Department of Virology, Bangabandhu Sheikh Mujib Medical University, Bangladesh Nationality -Bangladesh, (13) Dr. Mohammed Atiqur Rahman of Department of Respiratory Medicine, Bangabandhu Sheikh Mujib Medical University, Bangladesh Nationality -Bangladesh, (14) Mohammad Mohi Uddin of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (15) Engr. Nahid Sharrnin of BCSIR Dhaka Laboratories, Bangladesh Nationality -Bangladesh, (16) Dr. Sharfuddin Ahmed of Department of Community Ophthalmology, Bangabandhu Sheikh Mujib Medical University, Bangladesh Nationality -Bangladesh

**(51) INT. CL. :** C07K 14/005

**(54) Invention Title:** Human endogenous retrovirus HERV-K113 based internal control for RNA virus diagnostics using qRT-PCR

**(57) Abstract**
Quantitative reverse transcriptase polymerase chain reaction (qRT-PCR) is considered the gold standard method and is routinely used to detect viral infections. Multiple variables can create false negative results in the detection procedure and using an internal control (IC) is necessary to differentiate the reliability of the results. In this invention, a specific target region of human endogenous retrovirus HERV K-l13 is selected from the expressed data, for designing the primers and probe for internal control. Using samples from diverse human sources (nasopharyngeal swab, oropharyngeal swab, sputum, saliva and blood), the developed primers were optimized and their specificity wag tested. Furthermore, using clinical oropharyngeal specimens from COVID-19 positive patients, the performance of the HERV-K113-based qRT-PCR assay was assessed against a commercially available internal control (RNase P). An assay for SARS-CoV-2 detection using a one-step multiplex qRT-PCR method proved the effectiveness of HERV-K 113 as an IC. According to the study's findings, sample detection was not jeopardized while the HERV-K113-based IC effectively tracked the viral illness diagnostic performance, including extraction, reverse transcription, amplification, and detection processes. Overall, with the benefit of being present in all sample sources, the HERV –K113- based IC proved to be a useful tool for RNA virus diagnosis.

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-207
**(22) Filed:** 07/07/2024

**(23) Priority Data:**
N/A

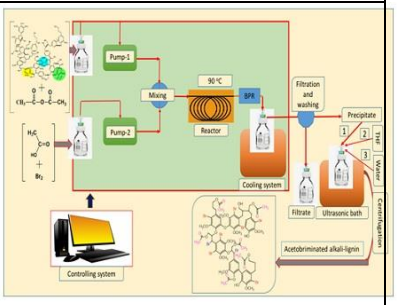
**(71) Applicant:** Swapan Kumer Ray, PSO of Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Nationality -Bangladesh, Riyadh Hossain Bhuiyan, SO of Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Nationality -Bangladesh, Professor Dr. Md. Tanvir Muslim of Department of Chemistry, University of Dhaka, Dhaka-1000, Nationality -Bangladesh, Professor Dr. Md. Qamrul Ehsan of Department of Chemistry, University of Dhaka, Dhaka-1000, Nationality -Bangladesh

**(72) Inventors:** (0) Swapan Kumer Ray, PSO of Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Bangladesh Nationality -Bangladesh, (1) Riyadh Hossain Bhuiyan, SO of Bangladesh Council of Scientific and Industrial Research (BCSIR), Dr. Qudrat-i-Khuda Road, Dhanmondi, Dhaka-1205, Bangladesh Nationality -Bangladesh, (2) Professor Dr. Md. Tanvir Muslim of Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh Nationality -Bangladesh, (3) Professor Dr. Md. Qamrul Ehsan of Department of Chemistry, University of Dhaka, Dhaka-1000, Bangladesh Nationality -Bangladesh

**(51) INT. CL. :** F23M 9/00

**(54) Invention Title:** Production method of acetobrominated lignin as Emerging Brominated Flame Retardant

**(57) Abstract**
This invention relates to a process for the production of acetobrominated lignin as an “Emerging Brominated Flame Retardant” for plastics, rubbers, textiles, and different coating materials. Moisture-free lignin could be acetobrominated using acetic anhydride and bromine in the presence or absence of acetic acid at moderate temperature range, e.g., 80 to 100 oC. The process comprised of the following steps- (i) Solubilization of lignin in tetrahydrofuran and then mixed with acetic anhydride at room temperature with stirring; (ii) Bromine in pure form and/or mixing of bromine in glacial acetic acid; (iii) performing acetobromination; (iv) precipitation in ice-cooled deionized water and (v) washing the precipitate with deionized water and drying in oven at 105 oC. Flow chemistry approach can facilitate the continuous production of acetobrominated lignin flame retardant in a safe and sound mode.



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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-208
**(22) Filed:** 08/07/2024

**(23) Priority Data:**
China, Number :2023112073, Date : 09-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (1) Mads LAURIDSEN of Nørgårdsvej 4B, Gistrup, 9260, Denmark Nationality -Denmark, (2) Ping YUAN of Room1805, Building 24, ANHUAXILI DISTRICT1, Chaoyang, Beijing, 100011, China Nationality -China, (3) Jing Yuan SUN of 1601, Building No 4, Block 6 Hepingli, Dongcheng District, Beijing, China Nationality -China

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** G05B 19/4063

**(54) Invention Title:** MONITORING FOR CONTROL INFORMATION IN A POSITIONING MEASUREMENT GAP

**(57) Abstract**

Example embodiments of the present disclosure relate to a solution for monitoring for control information in a position measurement gap. In this solution, a first apparatus determines a first time point for a transmission of first information indicating the completion of the positioning measurement; and then determines whether to start monitoring for control information from a second apparatus before an end of the positioning measurement gap based on at least one of the following: the first time point, a round-trip time (RTT) between the first apparatus and the second apparatus, a processing time required by the second apparatus for processing the first information, or an offset associated with monitoring the control information.

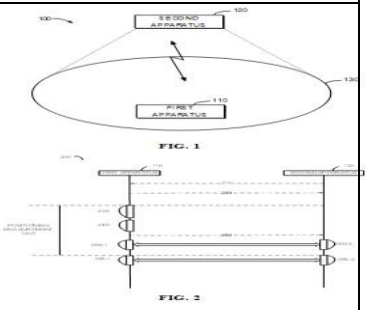

FIG. 1


FIG. 2

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-213
**(22) Filed:** 11/07/2024

**(23) Priority Data:**
Luxembourg, Number :504772, Date : 20-07-2023.

**(71) Applicant:** Saurer Spinning Solutions GmbH & Co. KG of Carlstr. 60Übach-Palenberg, 52531, Nationality - Germany

**(72) Inventors:** (1) MÄNNEL, Constantin of Saarstr. 18, 70374 Stuttgart, Germany Nationality -Germany, (2) STOCKER, Frank of Hartwaldstr. 116, 70378 Stuttgart, Germany Nationality -Germany, (3) SENDLER, Pia of Korntaler Str. 90 A, 70439 Stuttgart, Germany Nationality -Germany, (4) HABERKORN, Dieter of Poststr. 2/1, 73066 Uhingen, Germany Nationality -Germany

**(74) Agent :** H & H COMPANY, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B65C 9/00

**(54) Invention Title:** Fastening apparatus for a textile machine

**(57) Abstract**

The invention relates to a fastening apparatus, in particular a support, designed and configured to receive bearings of a textile machine, in particular a rotor spinning machine, having at least one inner ring region and at least one outer ring region. In order to improve the safety of the operation of a textile machine, to extend the operating life of a textile machine and thus to save resources and to improve the operation of a textile machine, it is provided that the inner ring region and the outer ring region are formed in one piece.

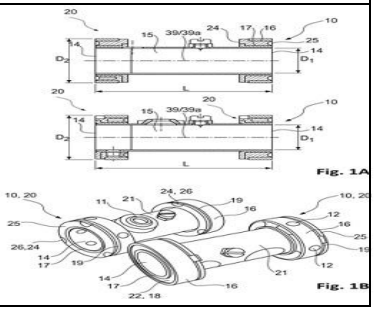

Fig. 1A



Fig. 1B

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-214
**(22) Filed:** 11/07/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :231856113, Date : 14-07-2023.

**(71) Applicant:** Groz-Beckert KG of Parkweg 2, 72458 Albstadt, Nationality -Germany

**(72) Inventors:** (1) Rainer GROSSMANN of Hardtstraße 9, 72477 Schwenningen, Germany Nationality -Germany, (2) Yuning ZHANG of #22-08, 2 ateway Drive, 608533, Singapore Nationality -Singapore, (3) Michael LEUNER of Friedrich-Haux-Str. 19, 72458 Albstadt, Germany Nationality -Germany, (4) Stephen Bravo LOMENA of Sigmaringer Str. 31, 72501 Gammertingen, Germany Nationality -Germany, (5) Christian KRELLER of Obere Klingen 11, 72406 Bisingen/Steinhofen, Germany Nationality -Germany

**(74) Agent :** Rana & Associates, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B24B 19/18

**(54) Invention Title:** Card clothing wire, card clothing carrier and carding machine

**(57) Abstract**
A card clothing wire according to the invention has a rib portion with a rib height and a blade section with a blade height. The blade height is smaller than the rib height. The blade section comprises a plurality of successive, geometrically identical tooth bodies. The tooth body extends between two first recesses that extend in the vertical direction maximally in the direction of the rib portion. Two tooth bodies that follow one another directly are arranged at a distance from one another in one pitch. A first tooth tip and at least one second tooth tip are arranged on the tooth body, wherein the first tooth tip is adjacent to the first recess. A first tooth tip surface is adjacent to the first tooth tip and a second tooth tip surface is adjacent to the at least one second tooth tip. The first tooth tip surface has a first tip surface length and the second tooth tip surface has a second tip surface length, each having a value of at least the smaller value of the values of 0.15 mm or 6% of the pitch. A first tooth face with a positive first working angle is adjacent to the first tooth tip. A second tooth face with a positive second working angle is adjacent to the at least one second tooth tip.

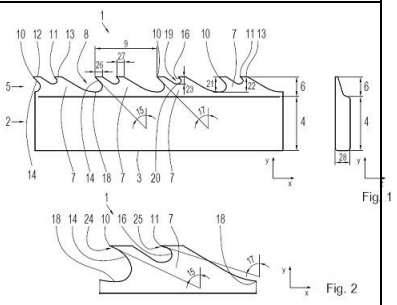
Fig. 1


Fig. 2

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর
শিল্প মন্ত্রণালয়
৯১, মতিঝিল বা/এ, ঢাকা-১০০০
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-215
**(22) Filed:** 14/07/2024

**(23) Priority Data:**
China, Number :2023111352, Date : 04-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Thomas Haaning JACOBSEN of Nymarksvej 3, Nørresundby, 9400, Denmark Nationality -Denmark, (1) Renato Barbosa ABREU of Godsbanen 25, 3 lejl 6, Aalborg, 9000, Denmark Nationality -Brazil, (2) Nuno Manuel KIILERICH PRATAS of Alfred Nobels Vej 27, Aalborg, 9220, Denmark Nationality -Portugal, (3) Timo Erkki LUNTTILA of Karakaari 13, Espoo, 02610, Finland Nationality -Finland, (4) Yong LIU of 30-201, Pujian Road 1288,, Shanghai, 200134, China Nationality -China, (5) Jakob Lindbjerg BUTHLER of Schleppegrellsgade 3, 1, Aalborg, 9000, Denmark Nationality -Denmark

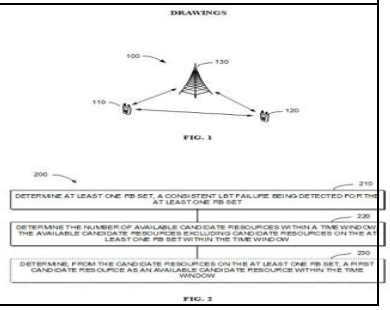
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04W 74/08

**(54) Invention Title:** RESOURCE EXCLUSION

**(57) Abstract**

Example embodiments of the present disclosure relate toa method, apparatus, and computer readable storage medium forresource exclusion. In a method, anapparatusdetermines at least one resource block (RB) set where a consistent listen before talking (LBT) failure is detected for the at least one RB set. Then, the apparatus determines the number of available candidate resources within a time window where the available candidate resources exclude candidate resources on the at least one RB set within the time window.



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শিল্প মন্ত্রণালয়
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-216
**(22) Filed:** 16/07/2024

**(23) Priority Data:**
Japan, Number :2023034576, Date : 22-09-2023.

**(71) Applicant:** YKK CORPORATION of 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 1018642, Nationality -Japan

**(72) Inventors:** (1) YOKOTA, Keiichiro of c/o YKK CORPORATION Kurobe, 200, Yoshida, Kurobe-shi, Toyama 9388601, Japan Nationality -Japan, (2) HIROMI, Chikao of c/o YKK CORPORATION Kurobe, 200, Yoshida, Kurobe-shi, Toyama 9388601, Japan Nationality -Japan, (3) TSUZUYAMA, Mitsuo of c/o YKK CORPORATION Kurobe, 200, Yoshida, Kurobe-shi, Toyama 9388601, Japan Nationality -Japan

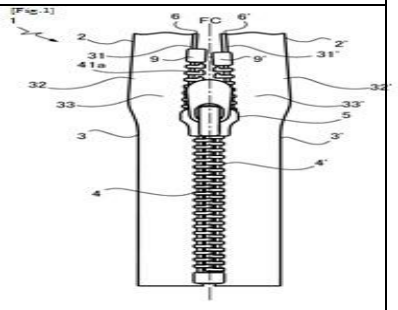
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B21F 45/18

**(54) Invention Title:** SLIDE FASTENER AND METHOD OF MANUFACTURING FASTENER STRINGER

**(57) Abstract**

At least one core portion (6, 6') includes a first alternate arrangement portion (63, 63') including alternately arranged first and second portions (61, 61', 62, 62'), fastener elements (4, 4') respectively attached to the first portions (61, 61'), and the second portions (62, 62') each extending between adjacent ones of the fastener elements (4, 4') in a longitudinal direction of fastener tape (3, 3'). The core portion (6, 6') includes one or more water -soluble threads (7). The second portion (62, 62') is configured to have greater pliability than the first portion (61, 61') in accordance with dissolution of the one or more water -soluble threads (7) in the second portion (62, 62'). Additionally or alternatively, a structure (10, 10') by which the core portion (6, 6') is secured may have a similar feature.



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শিল্প মন্ত্রণালয়
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-218
**(22) Filed:** 18/07/2024

**(23) Priority Data:**
United States of America, Number :18224397, Date : 20-07-2023.

**(71) Applicant:** GTI Energy of 1700 South Mount Prospect Road Des Plaines, Illinois 60018, Nationality -United States of America

**(72) Inventors:** (0) LITTLEWOOD, Patrick of 4620 N. Kedvale Ave. Chicago, Illinois 60630, United States of America Nationality -United States of America, (1) MARKER, Terry of 2380 Oak Tree Lane, Park Ridge, Illinois 60068, United States of America Nationality -United States of America, (2) BRADFORD, Michael of 710 Kenmare Drive, Des Plaines, Illinois 60016, United States of America Nationality -United States of America

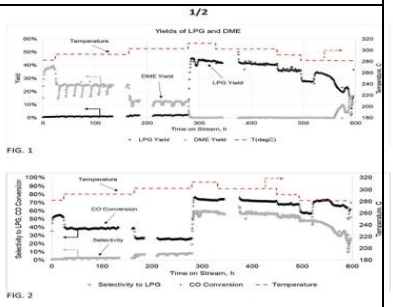
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** C07C 1/04

**(54) Invention Title:** ACTIVATION OF CATALYST SYSTEMS FOR THE PRODUCTION OF LIQUEFIED PETROLEUM GAS (LPG) HYDROCARBONS FROM SYNTHESIS GAS.

**(57) Abstract**

Processes are disclosed for the production of liquefied petroleum gas (LPG) hydrocarbons, utilizing both alcohol (e.g., methanol) synthesis and in situ dehydration of the alcohol to hydrocarbons, and particularly propane and/or butane. Operational adjustments and/or variations, involving activation of LPG synthesis catalyst systems at relatively high temperatures, followed by initial operation at relatively low temperatures, surprisingly lead to improvements in the stability of such catalyst systems. These improvements are often in conjunction with other benefits, for example greater selectivity and/or per-pass yield, with such improvements and benefits resulting from the ability to operate at reduced temperatures. Problems typically encountered in the art due to catalyst instability, such as the need for frequent replacement and/or regeneration, are thereby potentially reduced or even eliminated.



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**(21) Appl. No.** BD-P-2024-219
**(22) Filed:** 18/07/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :2023072208, Date : 10-08-2023.

**(71) Applicant:** SNF GROUP of Zone d'activité commerciale de Milieux, 42160 ANDRÉZIEUX-BOUTHÉON, Nationality -France

**(72) Inventors:** (1) GENEYTON Anthony of c/o SNF SA Zone d'Activité Commerciale de Milieux 42160 Andrézieux-Bouthéon, France Nationality -France, (2) Zakosek Gilles of c/o SNF SA Zone d'Activité Commerciale de Milieux 42160 42160 Andrézieux-Bouthéon, France Nationality -France

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** E21B 43/16

**(54) Invention Title:** PROCESS FOR SIZE REDUCTON OF ORES USING A WATER SWELLABLE POLYMER

**(57) Abstract**

The invention concerns a process for the size reduction of ores from a mine in which at least one water-swellable polymer is added upstream of a crusher.

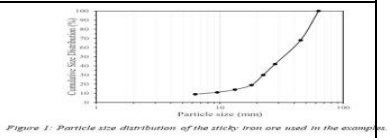

Figure 1 : Particle size distribution of the sticky iron ore used in the examples

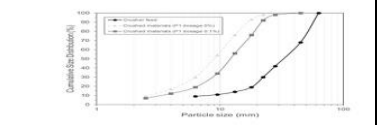

Figure 2 : Effect of water-swellable polymer P1 addition on particle size distribution of crushed materials

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**(21) Appl. No.** BD-P-2024-220
**(22) Filed:** 18/07/2024

**(23) Priority Data:**
Japan, Number :2023118713, Date : 20-07-2023.

**(71) Applicant:** Mitsui Chemicals Crop & Life Solutions, Inc. of Nihonbashi Dia Building, 1-19-1, Nihonbashi, Chuo-ku, Tokyo 103-0027, Nationality -Japan, NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY of 1-1, Rokkodai-cho, Nada-ku, Kobe-shi, Hyogo 657-8501, Nationality -Japan, HYOGO PREFECTURAL GOVERNMENT of 10-1, Shimoyamatedori 5-chome, Chuo-ku, Kobe-shi, Hyogo 650-8567, Nationality -Japan

**(72) Inventors:** (3) Satoshi HATAKEYAMA of c/o Mitsui Chemicals Crop & Life Solutions, Inc., 1358, Ichimiyake, Yasu-shi, Shiga 520-2362, Japan Nationality -Japan, (4) Takeshi TERAOKA of c/o Mitsui Chemicals Crop & Life Solutions, Inc., 1-19-1, Nihonbashi, Chuo-ku, Tokyo 103-0027, Japan Nationality -Japan, (5) Atsushi SATO of c/o Mitsui Chemicals Crop & Life Solutions, Inc., 1-19-1, Nihonbashi, Chuo-ku, Tokyo 103-0027, Japan Nationality -Japan, (6) Yukio TOSA of c/o NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY, 1-1, Rokkodai-cho, Nada-ku, Kobe-shi,Hyogo 657-8501, Japan Nationality -Japan, (7) Kaichi UCHIHASHI of c/o Hyogo Prefectural Technology Center for Agriculture, Forestry and Fisheries., 1533, Minaminookakou, Befu-cho, Kasai-shi, Hyogo 679-0198, Japan Nationality -Japan

**(74) Agent :** SUPREMEiP Law Firm, {app_representative_address}, Bangladesh

**(51) INT. CL. :** A23L 7/25

**(54) Invention Title:** CEREAL DISEASE CONTROL AGENT AND METHOD FOR CONTROLLING CEREAL DISEASE

**(57) Abstract**

A cereal blast-control seed treatment agent or a cereal blast-control soil treatment agent which exhibits excellent safety against cereal, is simple and efficient, requires less labor load, and can exhibit excellent blast control effects contains probenazole as an active ingredient. A method for controlling cereal blast includes treating a seed or a soil with the cereal blast-control seed treatment agent or the cereal blast-control soil treatment agent before seeding a cereal seed.

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## Publication No: 30 & Date: 4 March 2026

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| **(11) Patent registration No and date** ,<br>**(21) Appl. No.** BD-P-2024-221<br>**(22) Filed:** 25/07/2024 |
| **(23) Priority Data:**<br>India, Number :202311049938, Date : 25-07-2023. |
| **(71) Applicant:** BEST AGROLIFE LIMITED of B-4, BHAGWAN DASS NAGAR, EAST PUNJABI BAGH, NEW DELHI-110026, Nationality -India |
| **(72) Inventors:** (1) Pramod N Karlekar of B-4, Bhagwan Dass Nagar, East Punjabi Bagh, New Delhi -110026, India Nationality -India, (2) Rajendra K Kharul of B-4, Bhagwan Dass Nagar, East Punjabi Bagh, New Delhi -110026, India Nationality -India, (3) Anantha Subramanian of B-4, Bhagwan Dass Nagar, East Punjabi Bagh, New Delhi -110026, India Nationality -India, (4) Suresh Iyer of B-4, Bhagwan Dass Nagar, East Punjabi Bagh, New Delhi -110026, India Nationality -India |
| **(74) Agent :** IP Conservator, {app_representative_address}, Bangladesh |
| **(51) INT. CL. :** A61K 9/14 |
| **(54) Invention Title:** COMPOSITION COMPRISING NANO-PARTICULATE FERTILIZER AND PROCESS THEREOF FOR IMPROVED PLANT GROWTH AND YIELD |
| **(57) Abstract**<br>The present invention relates to a process of preparing composition comprising nanoparticulate fertilizer which provides enhanced bioavailability to soil and plants via slow-release mechanism, enhanced utilization by the plants and crops. |

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(21) Appl. No.** BD-P-2024-222
**(22) Filed:** 25/07/2024

**(23) Priority Data:**
India, Number :202321048634, Date : 19-07-2023.

**(71) Applicant:** Bajaj Auto Limited of Bajaj Auto Limited, Mumbai-Pune Road, Akurdi, Pune, India-411035, Nationality -India

**(72) Inventors:** (1) VISHWANATH BHAGWAT of C/o Bajaj Auto Limited, Mumbai-Pune Road, Akurdi, Pune, India-411035, India Nationality -India, (2) ABHAY WAKANKAR of C/o Bajaj Auto Limited, Mumbai-Pune Road, Akurdi, Pune, India- 411035, India Nationality -India, (3) SHRIKANT UTPAT of C/o Bajaj Auto Limited, Mumbai-Pune Road, Akurdi, Pune, India- 411035, India Nationality -India, (4) SACHIN S. CHAVAN of C/o Bajaj Auto Limited, Mumbai-Pune Road, Akurdi, Pune, India- 411035, India Nationality -India

**(74) Agent :** ISLAM & CO., {app_representative_address}, Bangladesh

**(51) INT. CL. :** B60K 17/00

**(54) Invention Title:** TRANSMISSION SYSTEM FOR A VEHICLE

**(57) Abstract**

The present invention provides a transmission system 104 for a vehicle comprising: an output shaft 402 configured to receive power from a drive source through at least a gear pair; a cross 401 mounted on the output shaft 402 and configured to engage with at least a gear 405 with the output shaft 402; at least a crankcase 202 for mounting the output shaft 402; wherein the crankcase 202 is provided with an opening 303 configured for removing the cross 401 from the transmission system 104.

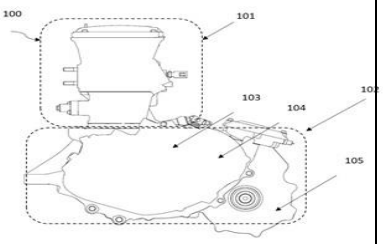

Figure 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-223
**(22) Filed:** 25/07/2024

**(23) Priority Data:**
China, Number :2023112052, Date : 09-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Mads LAURIDSEN of Nørgårdsvej 4B, Gistrup, 9260, Denmark Nationality -Denmark, (1) Ahlem KHLASS of 12 rue Jean Bart, Massy, 91300, France Nationality -France, (2) Daniela LASELVA of Septembervej 1A, Klarup, 9270, Denmark Nationality -Italy, (3) Naizheng ZHENG of Room-404, Building-3, No.60 GuangAnMen NanJie, XichengDistrict, Beijing, 100054, China Nationality -China, (4) Lei DU of Xianglinjun 5-1-501, Haidian District, Beijing, 100085, China Nationality -China, (5) Chunli WU of No. 1 Wangjng East Road, Beijing, 100102, China Nationality -China

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04W 52/02

**(54) Invention Title:** MONITORING DOWNLINK CONTROL INFORMATION BASED ON CONFIGURATION INFORMATION AND STATUS OF CELL DISCONTINUOUS OPERATION

**(57) Abstract**

The present disclosure relates to activation or deactivation of cell discontinuous reception/discontinuous reception (DTX/DRX). In particular, a network device transmits configuration information associated with downlink control information (DCI) to a terminal device. The configuration information indicates when to monitor the DCI. The terminal device monitors the DCI based on the configuration information.

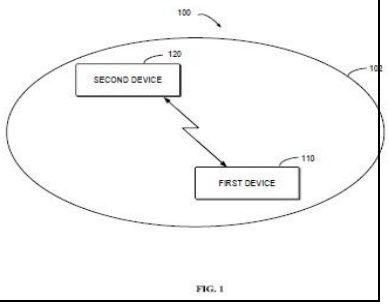

FIG. 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-224
**(22) Filed:** 25/07/2024

**(23) Priority Data:**
China, Number :2023111599, Date : 07-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Nuno Manuel KIILERICH PRATAS of Alfred Nobels Vej 27, Aalborg, 9220, Denmark Nationality -Portugal, (1) Renato Barbosa ABREU of Godsbanen 25, 3 lejl 6, Aalborg, 9000, Denmark Nationality -Brazil, (2) Thomas Haaning JACOBSEN of Nymarksvej 3, Nørresundby, 9400, Denmark Nationality -Denmark, (3) Yong LIU of 30-201, Pujian Road 1288,, Shanghai, 200134, China Nationality -China, (4) Jakob Lindbjerg BUTHLER of Schleppegrellsgade 3, 1, Aalborg, 9000, Denmark Nationality -Denmark

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H01Q 13/22

**(54) Invention Title:** MULTI-CONSECUTIVE SLOTS TRANSMISSION

**(57) Abstract**

Embodiments of the present disclosure relate to apparatuses, methods, and computer readable storage mediaformulti-consecutive slots transmission (Multi-consecutive slots transmission).An apparatusobtains at least one group of single-slot candidate resources available for a sidelink transmission. The apparatus determines, based on a first number of slots for multi-consecutive slots transmission, a first set of multi-consecutive slots transmissioncandidate resources from the at least one group of single-slot candidate resources, a multi-consecutive slots transmission candidate resource comprising the first number of consecutive slots. If the first set of multi-consecutive slots transmission candidate resources meets at least one multi-consecutive slots transmission candidate resource condition, the apparatus selects a target resource for transmission of the multi-consecutive slots transmission from the first set of multi-consecutive slots transmission candidate resources. Otherwise, the apparatus determines the target resource for transmission of the multi-consecutive slots transmission based on a multi-consecutive slots transmission criterion.

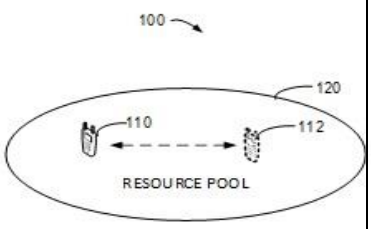


FIG. 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-225
**(22) Filed:** 25/07/2024

**(23) Priority Data:**
United States of America, Number :63520477, Date : 11-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (1) Tero HENTTONEN of Joupinkuja 4 A 5, Espoo, 02760, Finland Nationality -Finland, (2) Rafhael MEDEIROS DE AMORIM of Thorsgade 28, Aalborg, 9000, Denmark Nationality -Brazil, (3) Johannes HEJSELBAEK of Vægten 5, Holstebro, 7500, Denmark Nationality -Denmark, (4) István Zsolt KOVÁCS of Mågevej 17, Aalborg, 9000, Denmark Nationality -Denmark, (5) Petri Juhani VASENKARI of Vesivuotavantie 4, Turku, 20250, Finland Nationality -Finland

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04W 28/24

**(54) Invention Title:** PRIORITIZATION OF EMISSION REQUIREMENTS BASED ON SPECIAL-PURPOSE FEATURES SUPPORTED BY A USER EQUIPMENT

**(57) Abstract**

A method is provided that includes receiving system information at a user equipment (UE) operable in a network that serves a plurality of UEs. The UE is implemented as a specific-purpose that supports one or more specific-purpose features of the network, and the system information includes a list of network signaling (NS) values associated with respective emission requirements for radio frequency (RF) transmission by the plurality of UEs. The method includes selecting a specific-purpose NS value at the specific-purpose UE, with the specific-purpose NS value associated with an emission requirement for RF transmission by the specific-purpose UE. And the method includes applying the emission requirement for RF transmission by the specific-purpose UE. An associated apparatus that may be implemented as the special-purpose UE is also provided.

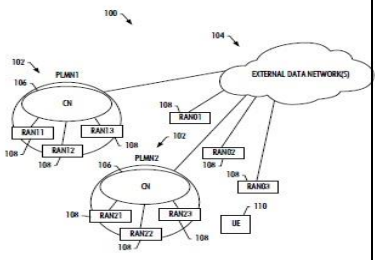

FIG. 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর
শিল্প মন্ত্রণালয়
৯১, মতিঝিল বা/এ, ঢাকা-১০০০
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-226
**(22) Filed:** 28/07/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :231894551, Date : 03-08-2023.

**(71) Applicant:** SICPA HOLDING SA of Avenue de Florissant 41 1008 Prilly, Nationality -Switzerland

**(72) Inventors:** (1) CHABRIER, Stéphane of Route de Burenoz 31, 1092 Belmont-sur-Lausanne, Switzerland Nationality -Switzerland, (2) HOGGETT, John of 50 Avenue d'Evian, Thonon, 74200, France Nationality -United Kingdom, (3) NOUZILLE, Eric of Chemin du Criblet 3, 1315 La Sarraz, Switzerland Nationality -France, (4) DROUX, Laurent of Sur-Carro 51, 1727 Corpataux, Switzerland Nationality -Switzerland, (5) WELLS, Frederick of Chemin du Frût 4, 1071 Chexbres, Switzerland Nationality -United Kingdom

**(74) Agent :** Advanced IP Law Firm, {app_representative_address}, Bangladesh

**(51) INT. CL. :** F17D 1/13

**(54) Invention Title:** UV-LED CURABLE VISCOUS PRINTING INKS AND PRINTING PROCESSES

**(57) Abstract**

The present invention relates to the field of viscous UV-LED radically curable inks for printing security features on substrates, in particular security documents, said inks comprising one or more radically curable (meth)acrylate compounds, one or more thioxanthone compounds, one or more amino containing synergists, one or more fillers and/or extenders, and one or more pigments of formula (I): (I)

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www.dpdt.gov.bd

# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-227
**(22) Filed:** 28/07/2024

**(23) Priority Data:**
Italy, Number :2023000018435, Date : 08-09-2023.

**(71) Applicant:** CALZIFICIO PINELLI S.R.L. of Via Germania, 11, 46042 Castel Goffredo, Nationality -Italy

**(72) Inventors:** (1) Enzo PINELLI of Via Germania, 13, 46042 Castel Goffredo, Italy Nationality -Italy, (2) Luca PINELLI of Via Libero Grassi, 269, 46042 Castel Goffredo, Italy Nationality -Italy, (3) Michele PINELLI of Via Giovanni Falcone, 456, 46042 Castel Goffredo, Italy Nationality -Italy

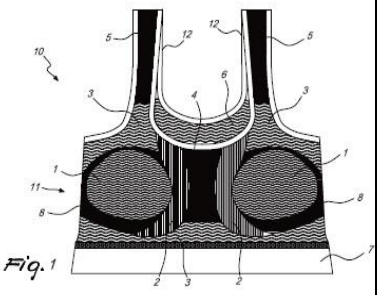
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** A41D 1/00

**(54) Invention Title:** Knitted micromassaging compression garment for the breast region

**(57) Abstract**

A knitted micromassaging compression garment for the breast region, comprising a weft knitted tubular manufacture (10) composed of yarns at least part of which are elastically extensible and which are interwoven so as to form courses and wales of knitted fabric, said manufacture being constituted by a plurality of adjacent areas (1-8) comprising, in a front portion of the manufacture, two cup-shaped areas (1) and an intermediate area (2, 4) between the two cup-shaped areas (1), characterized in that at least the two cup-shaped areas (1) and the intermediate area (2, 4) have, on the side of the manufacture designed to be directed toward the wearer's skin, raised portions caused by tuck stitches (T) and/or by float stitches (F), the raised portions being more widely spaced apart from each other, in the direction of the wales, in the two cup-shaped areas (1) than in the intermediate area (2, 4), so that the intermediate area (2, 4) is denser in raised portions, i.e., thicker and stiffer, than the cup-shaped areas (1).



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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-228
**(22) Filed:** 28/07/2024

**(23) Priority Data:**
China, Number :2023112402, Date : 10-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Renato Barbosa ABREU of Godsbanen 25, 3 lejl 6, Aalborg, 9000, Denmark Nationality -Brazil, (1) Jian Guo LIU of 42-602, Lane 373 Xindong Road, Minhang,, Shanghai, China Nationality -China, (2) Yong LIU of 30-201, Pujian Road 1288,, Shanghai, 200134, China Nationality -China, (3) Thomas Haaning JACOBSEN of Nymarksvej 3, Nørresundby, 9400, Denmark Nationality -Denmark, (4) Nuno Manuel KIILERICH PRATAS of Alfred Nobels Vej 27, Aalborg, 9220, Denmark Nationality -Portugal, (5) Torsten WILDSCHEK of 8 Kimberland Way, Gloucester, GL4 5TW, United Kingdom Nationality -Austria, (6) Akshay JAISWAL of 251-AB, Ganeshganj, Mirzapur, 231001, India Nationality -India

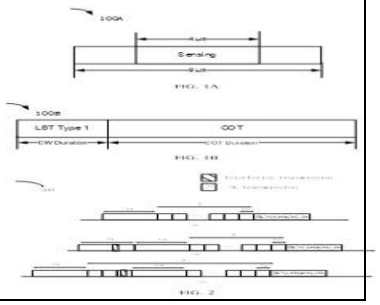
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04L 5/00

**(54) Invention Title:** SIDELINK FEEDBACK INFORMATION

**(57) Abstract**

Example embodiments of the present disclosure relate to a solution of transmitting sidelink (SL) feedback information on non-contiguous resource sets. In this solution, an apparatus determines a group of contiguous resource sets mapped with a subset of the plurality of feedback transmission occasions; and transmits feedback information on the group of contiguous resource sets.



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# Publication of Filed Patent Application
# Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-229
**(22) Filed:** 29/07/2024

**(23) Priority Data:**
United Kingdom, Number :23117492, Date : 31-07-2023. and United Kingdom, Number :23144256, Date : 20-09-2023.

**(71) Applicant:** Nicoventures Trading Limited of Globe House, 1 Water Street, London WC2R 3LA, Nationality - United Kingdom

**(72) Inventors:** (1) Damyn Musgrave of Globe House, 1 Water Street London WC2R 3LA, United Kingdom Nationality -United Kingdom, (2) Jack Warren of Bourn Quarter Wellington Way Caldecote Cambridge CB23 7FW, United Kingdom Nationality -United Kingdom, (3) Joel David Briscoe of Globe House, 1 Water Street, London WC2R 3LA, United Kingdom Nationality -United Kingdom

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** A24F 40/40

**(54) Invention Title:** AEROSOL GENERATING COMPONENT

**(57) Abstract**

An aerosol generating component for use as part of a non-combustible aerosol provision system. The aerosol generating component includes an allotrope of carbon 101 supported on an electrically insulating substrate 102. At least one aperture 105 extends through the electrically insulating substrate 102.

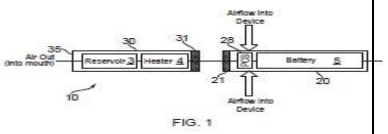


FIG. 1

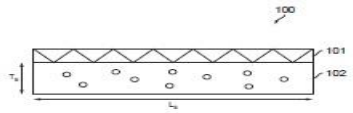


FIG. 2

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-230
**(22) Filed:** 29/07/2024

**(23) Priority Data:**
United Kingdom, Number :23117559, Date : 31-07-2023.

**(71) Applicant:** Nicoventures Trading Limited of Globe House, 1 Water Street, London WC2R 3LA, Nationality - United Kingdom

**(72) Inventors:** (1) Damyn Musgrave of Globe House, 1 Water Street, London WC2R 3LA, United Kingdom Nationality -United Kingdom

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** A24F 40/20

**(54) Invention Title:** Aerosol Generating Component

**(57) Abstract**

A method of preparing an aerosol generating component 100 for use as part of a non-combustible aerosol provision system. The method includes the steps of: forming an allotrope of carbon 101 on an electrically insulating substrate 102; and forming one or more electrodes in contact with the allotrope of carbon 101.

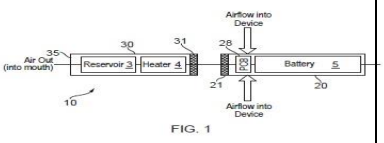

FIG. 1

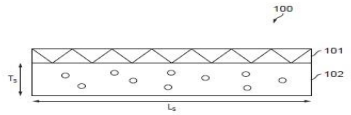

FIG. 2

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# Publication of Filed Patent Application
# Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-231
**(22) Filed:** 29/07/2024

**(23) Priority Data:**
United Kingdom, Number :23117492, Date : 31-07-2023. and United Kingdom, Number :23144256, Date : 20-09-2023.

**(71) Applicant:** Nicoventures Trading Limited of Globe House, 1 Water Street, London WC2R 3LA, Nationality - United Kingdom

**(72) Inventors:** (1) Damyn Musgrave of Globe House, 1 Water Street London WC2R 3LA, United Kingdom Nationality -United Kingdom, (2) Jack Warren of Bourn Quarter Wellington Way Caldecote Cambridge CB23 7FW, United Kingdom Nationality -United Kingdom, (3) Joel David Briscoe of Globe House, 1 Water Street, London WC2R 3LA, United Kingdom Nationality -United Kingdom

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** A24F 40/46

**(54) Invention Title:** Aerosol Generating Component

**(57) Abstract**

An aerosol generating component for use as part of a non-combustible aerosol provision system. The aerosol generating component includes an allotrope of carbon 101 supported on an electrically insulating substrate 102. At least one aperture 105 extends through the electrically insulating substrate 102.

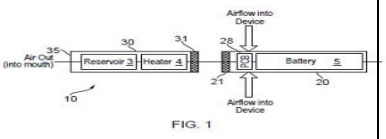

FIG. 1

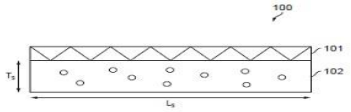

FIG. 2

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-232
**(22) Filed:** 30/07/2024

**(23) Priority Data:**
N/A

**(71) Applicant:** OXYJET LIMITED of Level -7, Priyo Prangon Tower, Plot No.9, Road No. 17, Kemal Ataturk Avenue, Banani, Dhaka-1213, Nationality -Bangladesh

**(72) Inventors:** (0) Taufiq Hasan Al Banna of House 49, Flat D4, Road No. 15/A, Dhanmondi, Dhaka, Bangladesh Nationality -Bangladesh, (1) Md. Kawsar Ahmed of 228, Parbotipur, Post Office-Rangpur Uposhohor, Thana: Kotwali, Rangpur Sadar, Rangpur, Bangladesh Nationality -Bangladesh, (2) Meemnur Rashid of House 133-A/4, Spectrum Apartment, West Nakhalpara, Tejgaon, Dhaka-1215, Bangladesh Nationality -Bangladesh, (3) Kaisar Ahmed Alman of 12 Rup Lal Das Lane, Post Office: Dhaka Sadar, Thana-Sutrapur, Dhaka-1100, Bangladesh Nationality -Bangladesh, (4) Farhan Muhib of 373/35, Free School Street, Hatirpool, Dhanmondi R/A, Post Office : New Market-7900, Dhanmondi, Dhaka, Bangladesh Nationality -Bangladesh

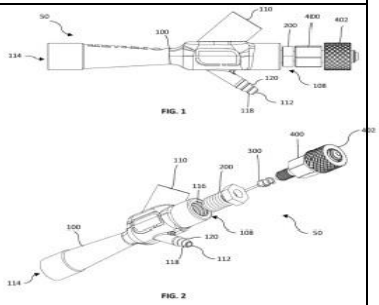
**(74) Agent :** Muhiuddin & Colleagues, {app_representative_address}, Bangladesh

**(51) INT. CL. :** F02M 19/08

**(54) Invention Title:** VENTURI FLOW-GENERATORS FOR NON-INVASIVE VENTILATION

**(57) Abstract**

A flow generator for generating a mixed oxygen air flow, the flow generator including a body having a first inlet, a second inlet, an outlet, and one or more inner surfaces that define a first inner chamber in fluid communication with the first inlet and the second inlet, a second inner chamber in fluid communication with the first inner chamber, and a third inner chamber in fluid communication with the second chamber and the outlet of the body. The flow generator includes a connector disposed in the first inlet and a nozzle disposed within at least a portion of the connector and extending into the first inner chamber. The flow generator further includes an adapter engaged to the nozzle to form a fluid tight path such that the adapter connects to an external oxygen source and transports oxygen into the nozzle.



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## Publication No: 30 & Date: 4 March 2026

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|---|
| **(11) Patent registration No and date** ,<br>**(21) Appl. No.** BD-P-2024-233<br>**(22) Filed:** 31/07/2024 |
| **(23) Priority Data:**<br>India, Number :202311051339, Date : 31-07-2023. |
| **(71) Applicant:** Sanya Makkar of HOUSE NO. 1243, SECTOR 14, HISAR, HARYANA-125001, Nationality -India |
| **(72) Inventors:** (0) Sanya Makkar of HOUSE NO. 1243, SECTOR 14, HISAR, HARYANA-125001, India Nationality -India |
| **(74) Agent :** IP Conservator, {app_representative_address}, Bangladesh |
| **(51) INT. CL. :** C09D 5/14 |
| **(54) Invention Title:** SYNERGISTIC INSECTICIDAL COMPOSITION |
| **(57) Abstract**<br>The present invention relates to synergistic insecticidal composition for synergistic and effective control of various insect pests including sucking pests complex. The present invention also relates to a process for preparation of such insecticidal composition for synergistic and efficacious control of insect pests including entire sucking pests complex. |

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-234
**(22) Filed:** 31/07/2024

**(23) Priority Data:**
China, Number :2023112655, Date : 11-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (1) Matha DEGHEL of 5 rue Radiguey, Montrouge, 92120, France Nationality -France, (2) Naizheng ZHENG of Room-404, Building-3, No.60 GuangAnMen NanJie, XichengDistrict, Beijing, 100054, China Nationality -China, (3) Kamakshi LAKSHMINARAYANAPURAM KRISHNAKUMAR of Maakirjantie 1C 64, Espoo, 02250, Finland Nationality -India, (4) Daniela LASELVA of Septembervej 1A, Klarup, 9270, Denmark Nationality -Italy

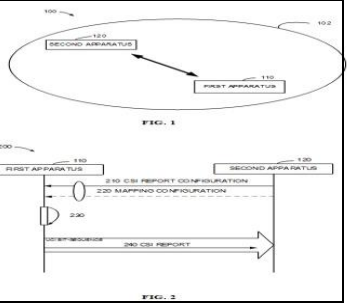
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04L 43/067

**(54) Invention Title:** CHANNEL STATE INFORMATION REPORTING.

**(57) Abstract**

Example embodiments of the present disclosure relate to applying timing advance during random access procedure. The first apparatustransmits, to a first apparatus, a channel state information (CSI) report configuration comprising a first sub-configuration and a second sub-configuration; and receives, from the first apparatus and based at least in part on the first and second first priority reporting levels, a CSI report associated with at least one of the first sub-configuration or the second sub-configuration. Impacts to the other CSI reporting caused by introducing the sub-configuration would be minimized.



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# Publication of Filed Patent Application
# Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-235
**(22) Filed:** 01/08/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :231898107, Date : 04-08-2023.

**(71) Applicant:** EEDEN GmbH of Mendelstraße 11, 48149 Münster, Nationality -Germany

**(72) Inventors:** (1) Lennart MARX of 59427 Unna, Germany Nationality -Germany, (2) Dr. Tobias BÖRNHORST of 44227 Dortmund, Germany Nationality -Germany, (3) Mary Clare O'DONNELL of 48159 Münster, Germany Nationality -Germany, (4) Dr. Daniel SLAK of 48151 Münster, Germany Nationality -Germany, (5) Reiner MANTSCH of 48155 Münster, Germany Nationality -Germany, (6) Arne HÜNEKE of 8596 Scherzingen, Germany Nationality -Germany, (7) Dr. Mathias LEIMBRINK of 44139 Dortmund, Germany Nationality -Germany

**(74) Agent :** Advanced IP Law Firm, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B01D 53/14

**(54) Invention Title:** PROCESS FOR RECOVERING PULP FROM TEXTILES

**(57) Abstract**

The present invention relates to a process for recovering pulp from textiles, and the pulp recovered by the process according to the invention, and the further processing and use thereof.

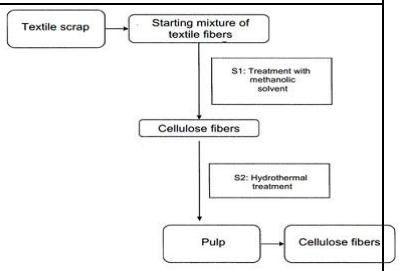


Figure 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর
শিল্প মন্ত্রণালয়
৯১, মতিঝিল বা/এ, ঢাকা-১০০০
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

| |
|---|
| **(11) Patent registration No and date** ,<br>**(21) Appl. No.** BD-P-2024-236<br>**(22) Filed:** 01/08/2024 |
| **(23) Priority Data:**<br>European Patent Office (EPO), Number :231898032, Date : 04-08-2023. |
| **(71) Applicant:** EEDEN GmbH of Mendelstraße 11, 48149 Münster, Nationality -Germany |
| **(72) Inventors:** (1) Lennart MARX of 59427 Unna, Germany Nationality -Germany, (2) Dr. Tobias BÖRNHORST of 44227 Dortmund, Germany Nationality -Germany, (3) Mary Clare O'DONNELL of 48159 Münster, Germany Nationality -Germany, (4) Dr. Daniel SLAK of 48151 Münster, Germany Nationality -Germany, (5) Reiner MANTSCH of 48155 Münster, Germany Nationality -Germany, (6) Arne HÜNEKE of 8596 Scherzingen, Germany Nationality -Germany, (7) Dr. Mathias LEIMBRINK of 44139 Dortmund, Germany Nationality -Germany |
| **(74) Agent :** Advanced IP Law Firm, {app_representative_address}, Bangladesh |
| **(51) INT. CL. :** C09J 5/00 |
| **(54) Invention Title:** Process for Processing Textile Fibers |
| **(57) Abstract**<br>The present invention relates to a process for processing textile fibers that can omit the active addition of a catalyst. |

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-237
**(22) Filed:** 01/08/2024

**(23) Priority Data:**
United Kingdom, Number :23119621, Date : 04-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (1) Frank FREDERIKSEN of Hornbækvej 4, Klarup, 9270, Denmark Nationality -Denmark, (2) Jeroen WIGARD of Septembervej 1A, Klarup, 9270, Denmark Nationality -Denmark, (3) Enric JUAN of Åparken 10, 3 4, Aalborg, 9000, Denmark Nationality -Spain, (4) Jedrzej STANCZAK of Pomorska 9/3, Wroclaw, 50216, Poland Nationality -Poland

**(74) Agent :** Rana & Associates, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B64G 1/10

**(54) Invention Title:** Use of Cell Switch Assistance Information for SSB Searching During Satellite Switching

**(57) Abstract**

A UE, connected using a current cell served by a first satellite to a BS, receives information from the BS including assistance information for a cell switch from the current cell to a cell served by a second satellite. The information is received before a stop time indicating when the current cell will stop serving the UE. The UE performs the cell switch from the current cell to the cell served by the second satellite using at least the assistance information to find cell synchronization block(s) for the served by the second satellite. The BS sends the information from the BS including the assistance information for a cell switch from the current cell to a cell served by a second satellite. The BS shuts down the current cell at a stop time.

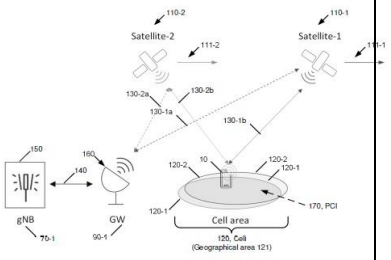

FIG. 1A

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-238
**(22) Filed:** 08/08/2024

**(23) Priority Data:**
India, Number :202341053794, Date : 10-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Umur KARABULUT of Murnauer Str. 122a, Munich, 81379, Germany Nationality -Turkey, (1) Srinivasan SELVAGANAPATHY of Manyata Embassy Business Park, Bangalore, 560045, India Nationality -India, (2) Panagiotis SPAPIS of Unterwaldenstrasse 1, Munich,81475, Germany Nationality -Greece

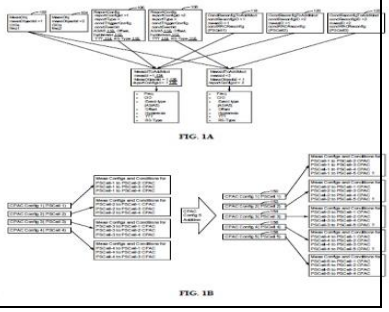
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** G02F 1/1347

**(54) Invention Title:** CONDITIONAL CELL CHANGE

**(57) Abstract**

Example embodiments of the present disclosure relate to devices, methods, apparatuses and computer readable storage medium forconditional cell changes.In a method, a terminal device, receives, from a network device, a set of measurement configurations and execution conditions. The set of measurement configurations and execution conditions is associated with selective activation of a plurality of candidate cells. Then, the terminal device stores the set of measurement configurations and execution conditions and performs cell changes among the plurality of candidate cells based on the stored set of measurement configurations and execution conditions.



**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-239
**(22) Filed:** 08/08/2024

**(23) Priority Data:**
United States of America, Number :63520793, Date : 21-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Sanjay GOYAL of 304 Dalton Ct, Denville, New Jersey, 07834, United States of America Nationality -India, (1) Riikka Karoliina DIMNIK of Lohansuontie 7 L, Kirkkonummi,02880, Finland Nationality -Finland, (2) Timo KOSKELA of Suojuoksuntie 2 B 7, Oulu, 90670, Finland Nationality -Finland

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04L 5/00

**(54) Invention Title:** TRANSMISSION CONFIGURATION INDICATOR (TCI) ACTIVATION

**(57) Abstract**

A method includes receiving, by a user equipment (UE)connected to a first cell, an activation for a first transmission configuration indicator (TCI) state of a first configured TCI state pool associated with a second cell and further receiving a configuration of a second TCI state of a second TCI state pool associated with the second cell. The UE determines that the first activated TCI state and the second TCI state share one or more properties, and based upon the determining, activates the second TCI state of the second cell. The UE performs a cell switch to the second cell, maintainingthe activated second TCI state of the second cell.

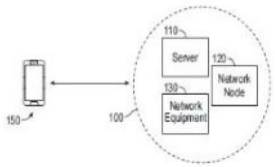

FIG. 1

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-240
**(22) Filed:** 08/08/2024

**(23) Priority Data:**
India, Number :202341053791, Date : 10-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Panagiotis SPAPIS of Unterwaldenstrasse 1, Munich,81475, Germany Nationality -Greece, (1) Umur KARABULUT of Murnauer Str. 122a, Munich, 81379, Germany Nationality -Turkey, (2) Srinivasan SELVAGANAPATHY of Manyata Embassy Business Park, Bangalore, 560045, India Nationality -India, (3) Endrit DOSTI of Tietäjäntie 3 A24, Espoo, 02130, Finland Nationality -Albania

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04W 36/00

**(54) Invention Title:** CONDITIONAL CELL CHANGE

**(57) Abstract**
Example embodiments of the present disclosure relate to devices, methods, apparatuses and computer readable storage medium for conditional cell changes. In a method, a network device transmits, to a plurality of candidate target network devices, an indication of a plurality of candidate target cells of the plurality of candidate target network device. The network device receives, from the plurality of candidate target network devices, first information related to measurements for changes between the plurality of candidate target cells. Then the network device transmits, to a terminal device, second information related to the measurements for use in executing of the change from a first candidate target cell to a second candidate target cell among the plurality of candidate target cells after handover from a source cell to the first candidate target cell.

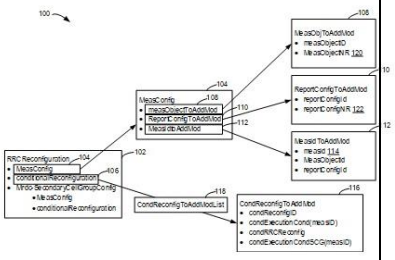


FIG. 1A

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-241
**(22) Filed:** 08/08/2024

**(23) Priority Data:**
United States of America, Number :63531618, Date : 09-08-2023.

**(71) Applicant:** JDC Corporation of 3-13 Toranomon, Minato-ku, Tokyo 105-8467, Nationality -Japan

**(72) Inventors:** (0) Masakazu SEKIGUCHI of c/o JDC CORPORATION, 3-13 Toranomon 4-chome, Minato-ku, Tokyo 105-8467, Japan Nationality -Japan, (1) Hidetoshi MORIMOTO of c/o JDC CORPORATION, 3-13 Toranomon 4-chome, Minato-ku, Tokyo 105-8467, Japan Nationality -Japan, (2) Hiroshi OBATA of c/o JDC CORPORATION, 3-13 Toranomon 4-chome, Minato-ku, Tokyo 105-8467, Japan Nationality -Japan

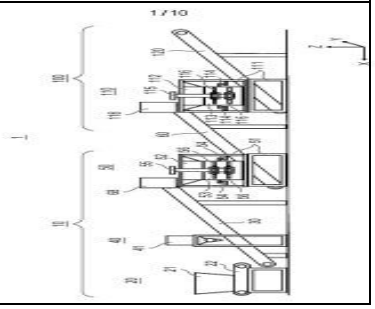
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H01L 21/677

**(54) Invention Title:** PROCESSING SYSTEM AND PROCESSING METHOD

**(57) Abstract**

A processing system of the present invention includes: a first processing device that includes a first processing unit that processes an object; and a second processing device that includes a second processing unit that processes the object that has passed through the first processing device. The second processing device is independent of the first processing device.



**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর
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www.dpdt.gov.bd

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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-242
**(22) Filed:** 11/08/2024

**(23) Priority Data:**
N/A

**(71) Applicant:** AVA OTEL TURİZM ENDÜSTRİSİ SANAYİ VE TİCARET ANONİM ŞİRKETİ of Oruçreis Mah. Giyimkent 13. SOK, NO: 9A Esenler İSTANBUL, Nationality -Turkey

**(72) Inventors:**

**(74) Agent :** DOULAH & DOULAH, {app_representative_address}, Bangladesh

**(51) INT. CL. :** D05B 27/00

**(54) Invention Title:** TROUSERS BELT TIP FOLDING AND SEWING MACHINE

**(57) Abstract**

This invention, which is related to the trousers belt tip folding and sewing machine, provides the belt lining and belt piece fabric as two pieces on both sides of the upper part of the trousers in the belt area sewing of the trousers from the clothing products, after the placement and longitudinal sewing of the belt lining and belt piece fabric on both sides of the upper part of the trousers, the belt end is folded inward as a lock and the sewing is done by making a locked fold by making a fold at each stage of the inward folding lamellas in the automation system, and then the belt end is taken and transported to the sewing machine and sewn, this invention related to the trousers belt tip folding and sewing machine described above in its entirety, and its feature is; main body(1), base(2), right folding section(3), left folding section(4), sewing section(5), Transport beam(6), lower holding beam(7), upper holding beam(8), compression beam(9), lower folding beam(10), upper folding beam(11), lower folding eccentric shaft(12), upper folding eccentric shaft(13), piston(14), rail(15), carriage(16) is formed.

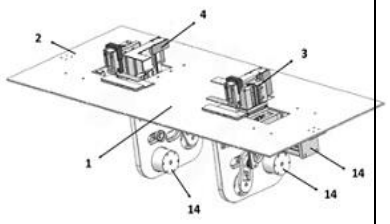

Fig-1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-243
**(22) Filed:** 13/08/2024

**(23) Priority Data:**
Japan, Number :2023031025, Date : 28-08-2023.

**(71) Applicant:** ELEVEN INTERNATIONAL CO., LTD. of 8-15-12, Ueda, Matsubara-city, Osaka, Nationality -Japan

**(72) Inventors:** (1) ITAKURA Tsuyoshi of c/o ELEVEN INTERNATIONAL CO., LTD., 8-15-12, Ueda, Matsubara-city, Osaka, Japan Nationality -Japan, (2) MURAKAMI Shigenori of c/o RS GIKEN Co., Ltd., Soshia Hills 102, 18-8, Koyama 2-chome, Nishi-ku, Kobe-shi, Hyogo, Japan Nationality -Japan

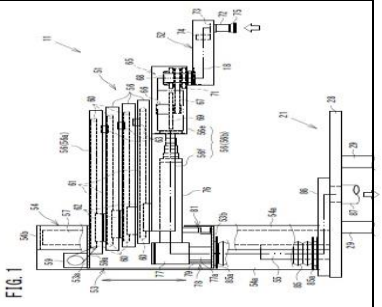
**(74) Agent :** ADVOCATES INTELLECTUAL PROPERTY LAW ALLIANCE , {app_representative_address}, Bangladesh

**(51) INT. CL. :** F21V 21/108

**(54) Invention Title:** PICKUP ARM OF TRANSFER APPARATUS

**(57) Abstract**

A pickup arm, of a transfer apparatus, that performs a motion such as, for example, extension and contraction is made more compact and more lightweight and is improved in the shape stability. A pickup arm 11 is provided on movable body 21 of a transfer apparatus picking up parts obtained as a result of a sheet being cut and transferring the parts to a next stage. The pickup arm 11 includes an extendable arm 51 having a changeable length; and an adsorption hand 52 provided at a tip of a bottom surface of the extendable arm 51. The extendable arm 51 includes a plurality of links 56 stacked in an up-down direction and an extension motor 59 connected with a base link 56a as an uppermost link among the plurality of links 56. The extension motor 59 extends and contracts the extendable arm 51. The base link 56a is secured to a top end of an elevatable member 53 movable in the up-down direction on the movable body 21. A base portion of an extendable pipe 76, having a telescopic structure and acting as a part of an air absorption path 18 extending to the adsorption hand 52 from a pump, is secured to a portion, of the elevatable member 53, that is below the base link 56a. A tip link 56b as a lowermost link among the links 56 of the extendable arm 51 is held by the extendable pipe 76.



**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-244
**(22) Filed:** 15/08/2024

**(23) Priority Data:**
Finland, Number :20236070, Date : 27-09-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (1) Ugur Baran ELMALI of Eisnergutbogen 54, 80639 Munich, Germany Nationality -Turkey, (2) Philippe GODIN of 20 rue de la Chaumiere, 78000 Versailles, France Nationality -France, (3) Subin NARAYANAN of Ratakatu 11 B1, 90230 Oulu, Finland Nationality -India, (4) Esa Mikael MALKAMÄKI of Riippakoivuntie 17 B, 02130 Espoo, Finland Nationality -Finland, (5) Salman NADAF of Heiglhofstr. 64/611, 81377 Munich, Germany Nationality -India, (6) Jarkko Tuomo KOSKELA of Kajuuttapiha 3, 90510 Oulu, Finland Nationality -France

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04W 88/14

**(54) Invention Title:** NETWORK DEVICE AND CLIENT DEVICE

**(57) Abstract**

According to an example embodiment, a network deviceis configured to: generate an indicator based on at least one of an activation status of a multicast session or a data inactivity status;and transmit the indicator to a client device, wherein the indicator indicates to the client device whether the client device should wait for a paging message for the multicast session and stop monitoring data of the multicast session while the client device is in an inactive state.

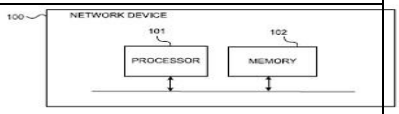

FIG. 1

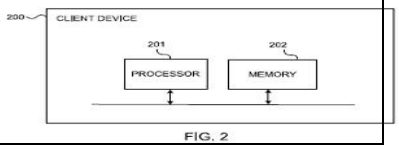

FIG. 2

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-245
**(22) Filed:** 18/08/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :231931825, Date : 24-08-2023. and European Patent Office (EPO), Number :241715309, Date : 22-04-2024.

**(71) Applicant:** SICPA HOLDING SA of Avenue de Florissant 41 1008 Prilly, Nationality -Switzerland

**(72) Inventors:** (1) DESPLAND Claude-Alain of Chemin de Prael 11b, 1030 Bussigny, Switzerland Nationality -Switzerland, (2) MAGNIN Patrick of Les Cèdres - Bat. E, 19 Rue des Tilleuls, 74500 Publier, France Nationality -France, (3) ZLATANOV Dafinka of Avenue de Florissant 7, 1008 Prilly, Switzerland Nationality -Switzerland, (4) AMERASINGHE Cédric of Chemin de Praz-Lombert 12,1080 Les Cullayes, Switzerland Nationality -Switzerland, (5) PUJOL Aude of 45A Chemin de la fin de Cheville, 74200 Marin, France Nationality -France

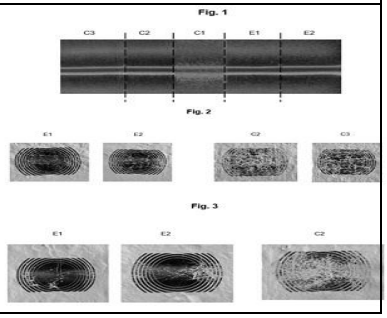
**(74) Agent :** Advanced IP Law Firm, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B05D 3/00

**(54) Invention Title:** UV-VIS RADIATION CURABLE COATING COMPOSITIONS COMPRISING MAGNETIC OR MAGNETIZABLE PIGMENT PARTICLES AND METHODS FOR PRODUCING OPTICAL EFFECT LAYERS

**(57) Abstract**

The invention relates of UV-Vis radiation curable coating compositions comprising magnetic or magnetizable pigment particles and methods for producing optical effect layers (OELs) comprising magnetically oriented magnetic or magnetizable pigment particles and the use of said OELs as anti-counterfeit means on security documents or security articles as well as decorative purposes. The UV-Vis radiation curable coating compositions comprises one or more (meth)acrylate monomers, one or more cyclic ether compounds, one or more vinyl ether compounds, one or more photoinitiators, one or more thermoplastic polymers and non-spherical magnetic or magnetisable pigment particles.



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# Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-246
**(22) Filed:** 18/08/2024

**(23) Priority Data:**
Finland, Number :20235931, Date : 22-08-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (1) Frank FREDERIKSEN of Hornbækvej 4, Klarup, 9270, Denmark Nationality -Denmark, (2) Jeroen WIGARD of Septembervej 1A, Klarup, 9270, Denmark Nationality -Denmark, (3) Enric JUAN of Åparken 10, 3 4, Aalborg, 9000, Denmark Nationality -Spain, (4) Jedrzej STANCZAK of Pomorska 9/3, Wroclaw, 50216, Poland Nationality -Poland, (5) Ahmad MASRI of Hatanpaan Valtatie 30, Tampere, 33100, Finland Nationality -Finland

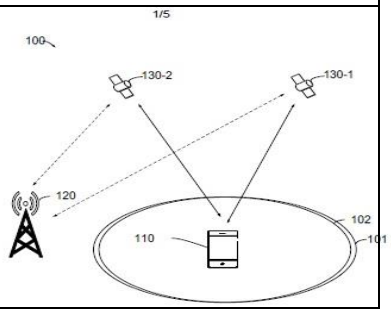
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :** H04W 36/00

**(54) Invention Title:** MECHANISM FOR TRANSITION TO ANOTHER CELL WITHOUT HANDOVER IN A NON-TERRESTRIAL NETWORK

**(57) Abstract**

The present disclosure relates to on transition to another cell without handover in non-terrestrial network (NTN). In particular, a NTN device transmits information related to a set of NTN devices to a terminal a first device receives assistance information of a NTN device from a second device. The assistance information at least indicated a type of a cell switching. The first device skips buffer flushing and security key updating regardless of the type of cell switching. In this way, it can achieve cell switching without handover.



**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর
শিল্প মন্ত্রণালয়
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# Publication of Filed Patent Application
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| **(11) Patent registration No and date** ,<br>**(21) Appl. No.** BD-P-2024-247<br>**(22) Filed:** 18/08/2024 |
| **(23) Priority Data:**<br>India, Number :202311055505, Date : 18-08-2023. |
| **(71) Applicant:** GEETA RANI of A-352, FIRST FLOOR, MEERA BAGH, PASCHIM VIHAR, SUNDER VIHAR, WEST DELHI, DELHI-110087, Nationality -India |
| **(72) Inventors:** (0) GEETA RANI of A-352, FIRST FLOOR, MEERA BAGH, PASCHIM VIHAR, SUNDER VIHAR, WEST DELHI, DELHI-110087, India Nationality -India |
| **(74) Agent :** IP Conservator, {app_representative_address}, Bangladesh |
| **(51) INT. CL. :** C09D 5/14 |
| **(54) Invention Title:** STABLE SYNERGISTIC INSECTICIDAL COMPOSITION |
| **(57) Abstract**<br>The present invention relates to stable synergistic insecticidal composition for the control of plant and crop pests including insect pests. |

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
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|---|
| **(11) Patent registration No and date** ,<br>**(21) Appl. No.** BD-P-2024-248<br>**(22) Filed:** 18/08/2024 |
| **(23) Priority Data:**<br>India, Number :202311055370, Date : 18-08-2023. |
| **(71) Applicant:** SUNITA MALHOTRA of HOUSE NO. 1989, SECTOR -1, HOUSING BOARD ROHTAK, ROHTAK, HARYANA-124001, Nationality -India |
| **(72) Inventors:** (0) SUNITA MALHOTRA of HOUSE NO. 1989, SECTOR -1, HOUSING BOARD ROHTAK, ROHTAK, HARYANA-124001, India Nationality -India |
| **(74) Agent :** IP Conservator, {app_representative_address}, Bangladesh |
| **(51) INT. CL. :** C04B 35/117 |
| **(54) Invention Title:** SYNERGISTIC PESTICIDAL COMPOSITION |
| **(57) Abstract**<br>The present invention relates to synergistic pesticidal composition for the control of plant and crop pests. |

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-249
**(22) Filed:** 18/08/2024

**(23) Priority Data:**
India, Number :202321055279, Date : 17-08-2023.

**(71) Applicant:** RELIANCE RETAIL LIMITED of 3rd Floor, Court House, Lokmanya Tilak Marg, Dhobi Talao, Mumbai - 400 002, Maharashtra, Nationality -India

**(72) Inventors:** (1) AMARNATH SALIGRAM of 2073, Sobha Daisy, Sarjapur outer ring road, Bellandur, Bangalore – 560103, Karnataka, India Nationality -India, (2) VIPIN TYAGI of D1202, Labaranum block, Brigade millennium, JP Nagar, 7th Phase, Puttanahalli Bengaluru – 560078, Karnataka, India Nationality -India

**(74) Agent :** Rana & Associates, {app_representative_address}, Bangladesh

**(51) INT. CL. :** D06P 5/30

**(54) Invention Title:** A COMPOSITION AND METHOD FOR PRINTING AND PROVIDING STIFFNESS TO TEXTILE SUBSTRATES

**(57) Abstract**
The present disclosure provides a printing composition for comprising an acrylic polymer-based binder comprising a monomer selected from methyl methacrylate, butyl acrylate, 2-ethylhexyl acrylate, or any combination thereof; a silicone-based softener; an acrylic polymer-based thickener; a coloring compound; and water. The present disclosure also provides a method for preparing a printed and finished textile, comprising applying the printing composition of the present disclosure to a textile substrate to obtain a printed textile substrate; drying the printed textile substrate to obtain a dried substrate; and curing the dried substrate to obtain a printed and finished textile. The composition and the method of the present disclosure provide a printed and finished textile with improved stiffness, durability of colors, feel, and finish after multiple washes, significantly reduces production time, and significantly reduces usage of water and chemicals associated with a traditional method.

Figure 1A

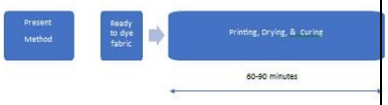

Figure 1B

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-250
**(22) Filed:** 21/08/2024

**(23) Priority Data:**
N/A

**(71) Applicant:** ALTUNTAS HAVALANDIRMA TURIZM SANAYI TICARET ANONIM SIRKETI of ERENLER OSB MAH. MEHMET ALTINSOY BLV. NO: 27 68220 MERKEZ/AKSARAY, Nationality -Turkey

**(72) Inventors:** (1) OSMAN ALTUNTAS of E-90 KARAYOLU ADANA İSTİKAMETİ 18. KM. 68100 MERKEZ/AKSARAY, Turkey Nationality -Turkey

**(74) Agent :** Rana & Associates, {app_representative_address}, Bangladesh

**(51) INT. CL. :** B66B 1/00

**(54) Invention Title:** SLIDING BAND MULTI-ELEVATOR FILING SYSTEM NOT REQUIRING ELEVATOR PIT

**(57) Abstract**

Invention particularly relates to a grain transfer system used in grain storage systems and providing installation of elevators enabling transfer of grain on axis extending vertical to ground directly on ground and thus not needing drilling of elevator pit, thus providing reduction of number of system components used for installation and maintenance operations period after installation, total, power need consumed for system operation and physical area used for installation.

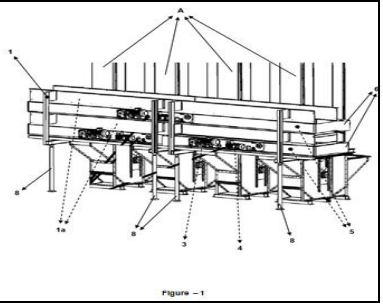

Figure – 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-251
**(22) Filed:** 21/08/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :23127699, Date : 21-08-2023.

**(71) Applicant:** Tensar Technologies Limited of Sett End Road West, Shadsworth Business Park, Shadsworth, Blackburn, BB1 2PU, Nationality -United Kingdom

**(72) Inventors:** (1) Andrew Curson of c/o Tensar Technologies Limited, Sett End Road West, Shadsworth Business Park, Shadsworth, Blackburn, BB1 2PU, United Kingdom Nationality -United Kingdom, (2) Jacek Kawalec of c/o Tensar Technologies Limited, Sett End Road West, Shadsworth Business Park, Shadsworth, Blackburn, BB1 2PU, United Kingdom Nationality -Poland, (3) Piotr Mazurowski of c/o Tensar Technologies Limited, Sett End Road West, Shadsworth Business Park, Shadsworth, Blackburn, BB1 2PU, United Kingdom Nationality -Poland, (4) Kasia Zamara of c/o Tensar Technologies Limited, Sett End Road West, Shadsworth Business Park, Shadsworth, Blackburn, BB1 2PU, United Kingdom Nationality -Poland

**(74) Agent :** ISLAM & CO., {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** MECHANICALLY STABILISED SEMI-RIGID PAVEMENTS

**(57) Abstract**

The present invention relates to a semi-rigid pavement comprising: an upper course comprising upper course aggregate and a hydrocarbon binder; a support layer comprising chemically-stabilised aggregate, the support layer located below the upper course; and a subgrade, the subgrade located below the support layer; wherein a geosynthetic is at least partially embedded in the chemically-stabilised aggregate that comprises the support layer.

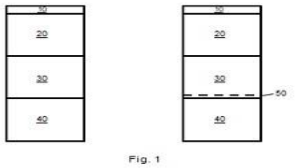

Fig. 1

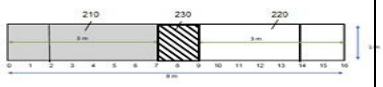

Fig. 2

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-252
**(22) Filed:** 22/08/2024

**(23) Priority Data:**
United States of America, Number :63542817, Date : 06-10-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Riikka Karoliina DIMNIK of Lohansuontie 7 L, Kirkkonummi, 02880, Finland Nationality -Finland, (1) Timo KOSKELA of Suojuoksuntie 2 B 7, Oulu, 90670, Finland Nationality -Finland, (2) Lars DALSGAARD of Torpantie 56, Oulu, 90230, Finland Nationality -Denmark, (3) Jani-Pekka KAINULAINEN of 3 Peacock Close, Cottenham, CB24, 8BA, United Kingdom Nationality -Finland, (4) Sanjay GOYAL of 304 Dalton Ct, Denville, New Jersey, 07834, United States of America Nationality -India

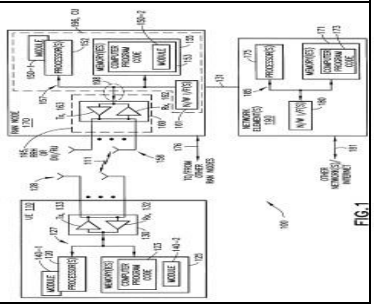
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** ENABLING SPECIAL UE MEASUREMENT BEHAVIOR

**(57) Abstract**

An apparatus configured to: perform candidate target cell measurements based, at least partially, on a first configuration; receive, from a network node, an indication to perform activation of at least one transmission configuration indicator state associated with at least one candidate target cell;determine a configuration for performing candidate target cell measurements in response to the indication to perform activation of the at least one transmission configuration indicator state; and use the configuration to measure a reduced set of candidate target cells indicated with the first configuration.



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## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-253
**(22) Filed:** 22/08/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :231928672, Date : 23-08-2023.

**(71) Applicant:** Unilever Global IP Limited of Wales, Port Sunlight, Wirral, Merseyside, CH62 4ZD, Nationality - United Kingdom

**(72) Inventors:** (1) Shashank KHARE of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (2) Hemendra Dilip JOSHI of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (3) Rajan Chandrakant MHAMUNKAR of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (4) Kunal Shankar PAWAR of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (5) Sharavan KUMAR of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (6) Gaurav PATHAK of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (7) Debosree CHATTERJEE of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (8) Ganesan RAJENDIRAN of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (9) Sunil RAVICHANDAR of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India, (10) Ravina BHIVGADE of Unilever Innovation Centre Wageningen B.V, Bronland 14, 6708 WHWageningen, Netherlands Nationality -India

**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** SOLID DETERGENT COMPOSITION

**(57) Abstract**

The present invention relates to the field of solid detergent composition, especially solid detergent agglomerated composition. The present inventors have found that when a solid detergent composition includes an agglomerate particle having a surfactant, silica, and alkali metal silicate then the composition provides an agglomerate detergent particle which has low bulk density having good powder sensorial. The powder is free flowing and maintains its free-flowing properties and is anticaking over extended storage periods. The agglomerate particle also has good powder color.

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## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-255
**(22) Filed:** 27/08/2024

**(23) Priority Data:**
United States of America, Number :63539840, Date : 22-09-2023.

**(71) Applicant:** Nokia Technologies Oy of Karakaari 7, 02610 Espoo, Nationality -Finland

**(72) Inventors:** (0) Andrew LAPPALAINEN of 119 Peter St, Apt 309, Union City, NJ, 07087, United States of America Nationality -Canada, (1) Ilkka Antero KESKITALO of Varsankuja 3, Oulu, 90240, Finland Nationality -Finland

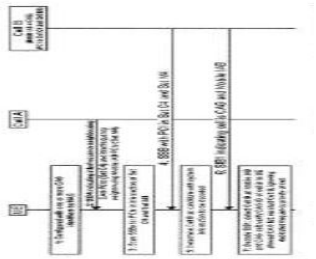
**(74) Agent :** REMFRY & SON LIMITED, {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** A METHOD TO DETECT AND PRIORITIZE CLOSED ACCESS GROUP MOBILE IAB CELLS.

**(57) Abstract**

In accordance with example embodiments of the invention there is at least a method and apparatus to performdetermining by an apparatus information of a list of ranges in a communication network where at least one closed access group cell may be found and where at least one mobile integrated access and backhaul cell may be found;scanning synchronization signal blocks for physical cell identifiers of a candidate cell that are found in both at least one system information block closed access group list or range and at least one system information block mobile integrated access and backhaul list or range;based on the scanning, decoding system information at the candidate cell to verify that the candidate cell is a mobile integrated access and backhaul cell and a closed access group cell; andbased on the decoding, enable the apparatus to access the candidate cell for cell reselection.



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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

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|---|
| **(11) Patent registration No and date** ,<br>**(21) Appl. No.** BD-P-2024-256<br>**(22) Filed:** 27/08/2024 |
| **(23) Priority Data:**<br>European Patent Office (EPO), Number :241769389, Date : 21-05-2024. and India, Number :202311058451, Date : 31-08-2023. |
| **(71) Applicant:** SYNGENTA CROP PROTECTION AG of Rosentalstrasse 67, 4058 Basel, Nationality -Switzerland |
| **(72) Inventors:** (1) EL QACEMI, Myriem of Syngenta Crop Protection AG Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -France, (2) STOLLER, Andre of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Switzerland, (3) DUMEUNIER, Raphael of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Belgium, (4) MUEHLEBACH, Michel of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Switzerland, (5) JEANGUENAT, André of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Switzerland, (6) LE CHAPELAIN, Camille of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -France, (7) SCARBOROUGH, Christopher Charles of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -United States of America, (8) KILARU, Jagadeesh Prathap of Syngenta Biosciences Pvt Ltd, Santa Monica Works, Corlim, Ilhas, 403 110 Goa, India Nationality -India |
| **(74) Agent :** Advanced IP Law Firm, {app_representative_address}, Bangladesh |
| **(51) INT. CL. :** |
| **(54) Invention Title:** PESTICIDALLY ACTIVE BENZISOTHIAZOLE COMPOUNDS |
| **(57) Abstract**<br>Compounds of formula (I) (I) wherein the substituents are as defined in claim 1, and the agrochemically acceptable salts, stereoisomers, enantiomers, tautomers and N-oxides of those compounds, can be used as insecticides. |

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# Publication of Filed Patent Application
## Publication No: 30 & Date: 4 March 2026

**(11) Patent registration No and date** ,
**(21) Appl. No.** BD-P-2024-257
**(22) Filed:** 27/08/2024

**(23) Priority Data:**
European Patent Office (EPO), Number :241767870, Date : 17-05-2024. and India, Number :202311058255, Date : 30-08-2023. and India, Number :202311058936, Date : 02-09-2023.

**(71) Applicant:** SYNGENTA CROP PROTECTION AG of Rosentalstrasse 67, 4058 Basel, Nationality -Switzerland

**(72) Inventors:** (1) STOLLER, Andre of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Switzerland, (2) MUEHLEBACH, Michel of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Switzerland, (3) JEANGUENAT, André of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Switzerland, (4) SCARBOROUGH, Christopher Charles of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -United States of America, (5) KILARU, Jagadeesh Prathap of Syngenta Biosciences Pvt Ltd, Santa Monica Works, Corlim, Ilhas, 403 110 Goa, India Nationality -India, (6) SUESSE, Lars of Syngenta Crop Protection AG, Schaffhauserstrasse, 4332 Stein, Switzerland Nationality -Germany

**(74) Agent :** Advanced IP Law Firm, {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** PESTICIDALLY ACTIVE OXOINDOLE COMPOUNDS

**(57) Abstract**
Compounds of formula (I) (I) wherein the substituents are as defined in claim 1, and the agrochemically acceptable salts, stereoisomers, enantiomers, tautomers and N-oxides of those compounds, can be used as insecticides.

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# Publication of Filed Patent Application
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**(71) Applicant:** YKK CORPORATION of 1, KANDA IZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, Nationality - Japan

**(72) Inventors:** (1) Tiantian FENG of C/o YKK CORPORATION KUROBE. 200, YOSHIDA, KUROBE-SHI, TOYAMA-KEN 938-8601, Japan Nationality -China

**(74) Agent :** Bepary & Bepary, {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** FASTENER TOP STOP STRUCTURE

**(57) Abstract**

The invention provides a fastener top stop structure, which can reduce manufacturing costs and has good installation effect and waterproof effect. The fastener top stop structure includes: a connection portion, covering at least meshing portions of a pair of element columns in a fastener chain; and a pair of divergence portions, extending downward from the connection portion and covering non-meshing portions of the pair of element columns in the fastener chain. Each of a first divergence portion and a second divergence portion has an inner edge portion and an outer edge portion. Each of a first element column and a second element column has an inner end portion and an outer end portion. An angle of the inner edge portion of the first divergence portion relative to a top stop center line is aligned with an angle of the inner end portion of the first element column relative to the top stop center line, and the inner edge portion of the first divergence portion covers the inner end portion of the first element column. An angle of the inner edge portion of the second divergence portion relative to the top stop center line is aligned with an angle of the inner end portion of the second element column relative to the top stop center line, and the inner edge portion of the second divergence portion covers the inner end portion of the second element column.

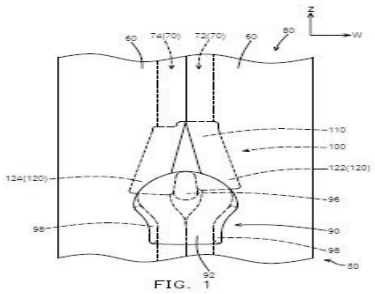

FIG. 1

**গণপ্রজাতন্ত্রী বাংলাদেশ সরকার**
পেটেন্ট, শিল্প-নকশা ও ট্রেডমার্কস অধিদপ্তর
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**(71) Applicant:** YKK CORPORATION of 1, KANDA IZUMI-CHO, CHIYODA-KU, TOKYO 101-8642, Nationality - Japan

**(72) Inventors:** (1) Takayuki INUKAI of C/o YKK CORPORATION KUROBE. 200, YOSHIDA, KUROBE-SHI, TOYAMA-KEN 938-8601, Japan Nationality -Japan

**(74) Agent :** Bepary & Bepary, {app_representative_address}, Bangladesh

**(51) INT. CL. :**

**(54) Invention Title:** FASTENER OPERATING COMPONENT

**(57) Abstract**

The present invention provides a fastener operating component, which can be more easily installed with a string component. The fastener operating component includes: an operating component body; a columnar portion, disposed on the operating component body and having a connection end portion connected to one side of the operating component body and an extension end portion extending toward other side of the operating component body to form a cantilever state; a void portion, disposed on two opposite sides of the extension end portion of the columnar portion to allow a string component to pass through; and a convex portion, disposed on two opposite sides of the extension end portion of the columnar portion and located on an outer side of the void portion to limit a position of the string component.

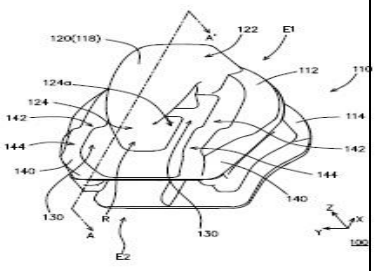

FIG. 1