(12) PATENT APPLICATION PUBLICATION
(19) INDIA
(22) Date of filing of Application :30/12/2022

(21) Application No.202211077238 A
(43) Publication Date : 06/01/2023

(54) Title of the invention : SYSTEM AND METHOD FOR DETECTING AND MANAGING COUNTERFEIT MEDICINES USING A DIGITAL LEDGER TECHNOLOGY

(51) International classification	:G06Q0010080000, G16H0020100000, H04L0009320000, G06Q0050220000, G06F0021120000
(86) International Application No Filing Date	:NA :NA
(87) International Publication No	: NA
(61) Patent of Addition to Application Number Filing Date	:NA :NA
(62) Divisional to Application Number Filing Date	:NA :NA

(71)**Name of Applicant :**
1)Chitkara University
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ---------- ----------
2)Bluest Mettle Solutions Private Limited
Name of Applicant : NA
Address of Applicant : NA
(72)**Name of Inventor :**
1)SINGH, Thakur Gurjeet
Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ---------- ----------
2)MISHRA, Rahul
Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ---------- ----------
3)PANDEY, Sakshi
Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ---------- ----------

(57) Abstract :
The present disclosure relates to a system (100) for detecting and managing counterfeit medicines, the system comprising a processor (102) coupled to a memory (104), the memory storing instructions executable by the processor to initiate when a manufacturer creates a drug product and assigns a global trade item number (GTIN) to each physical unit of drug product. The processor can group the drug products into a shipment package and assigns a radio frequency identification (RFID), receives, by the distributor, the physical shipment package from the manufacturer and scans the RFID and receives by a consumer, a code along with the drug products purchased.

No. of Pages : 20 No. of Claims : 8