(19) INDIA

(22) Date of filing of Application :26/09/2023

(43) Publication Date: 13/10/2023

## (54) Title of the invention : SYSTEM FOR MONITORING AND TRACKING LOCATION OF A USER AND METHOD THEREOF

(51) International classification  (86) International Application No Filing Date (87) International Publication No (61) Patent of Addition to Application Number Filing Date (62) Divisional to Application Number Filing Date  (62) Divisional to Application Number Filing Date  (51) International Simple Si	(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)MISHRA, Rahul Address of Applicant: ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune  2)PANDEY, Sakshi Address of Applicant: ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune
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## (57) Abstract:

The present disclosure relates generally to field of healthcare technology. More specifically the present invention relates to a system for monitoring and tracking location of a user. The system (100) includes a plurality of location sensors (102), a user tracking device (104), an alert unit (108), a central server (110) and a reporting unit (112). The location sensors (102) are configured to detect the location of a plurality of users in an organization in real-time. The user tracking device (104) is configured to receive location data from the location sensors (102) and integrate with an electronic records system (106) of an organization to update user location data in real-time. Further the present invention relates to a method for monitoring and tracking location of a user. More particularly, the present invention relates to a computer-implemented system and method for tracking patient location in hospitals, nursing homes, assisted living facilities, and other healthcare settings.

No. of Pages: 19 No. of Claims: 10