(12) PATENT APPLICATION PUBLICATION   (21) Application No.202311032808 A

(19) INDIA

(22) Date of filing of Application :09/05/2023   (43) Publication Date : 23/06/2023

(54) Title of the invention : SYSTEM AND METHOD FOR REMOTE PATIENT MONITORING

(51) International classification	:A61B 050000, A61P 350000, G16H 106000, G16H 406700, H04L 011600	(71)**Name of Applicant :**
		  1)**Chitkara University**
		    Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
		  2)**Chitkara Innovation Incubator Foundation**
		Name of Applicant : NA
		Address of Applicant : NA
		(72)**Name of Inventor :**
		  1)**GARG, Shilpi**
		Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
		  2)**KAUSHAL, Rajesh Kumar**
		Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
		  3)**KUMAR, Naveen**
		Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
		  4)**PANDA, Surya Narayan**
		Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------
		  5)**FLAMMINI, Francesco**
		Address of Applicant :IDSIA USI-SUPSI, University of Applied Sciences and Arts of Southern Switzerland, 6928 Manno, Switzerland. Manno ----------- -----------
		  6)**VERMA, Anshul**
		Address of Applicant :Banaras Hindu University, Varanasi - 221005, Uttar Pradesh, India Varanasi ----------- -----------
		  7)**RANI, Meena**
		Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------

(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :
The disclosed embodiments illustrate a system (100) and a method (300) for patient monitoring, the system includes one or more wearable devices (102) attached to the patient, each wearable devices include sensors (104) to identify health parameters including heart rate, blood pressure, respiratory rate, oxygen saturation level, body temperature, and activity level. Additionally, the system includes a processing unit (106) that receives signals from the wearable devices, the received data with pre-defined thresholds, and transmits notifications to a computing device (114) if any health parameters exceed the thresholds. The system also stores received health data on a server (116), allowing communication between the patient and healthcare practitioners that access the patient's health history from the server. Further, the system includes a blockchain integration module, where the processing unit is configured to store personal information, the health history, and the received set of health parameters of a plurality of patients in a blockchain ledger.

No. of Pages : 28 No. of Claims : 10