

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011034666 A

(19) INDIA

(22) Date of filing of Application :12/08/2020

(43) Publication Date : 18/02/2022

(54) Title of the invention : HEALTH MONITORING SYSTEM AND DEVICE

(51) International classification	:A61B0005080000, G06N0020000000, G16H0040670000, H04W0084180000, A41D0001000000	(71) Name of Applicant : 1)Chitkara Innovation Incubator Foundation Address of Applicant :SCO: 160-161, Sector - 9c, Madhya Marg, Chandigarh- 160009, India. Chandigarh India
(31) Priority Document No	:NA	(72) Name of Inventor : 1)SANDHU, Jasminder Kaur
(32) Priority Date	:NA	2)SRIVASTAVA, Prateek
(33) Name of priority country	:NA	3)SAPRA, Luxmi
(86) International Application No	:NA	4)GOYAL, Deepam
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 present disclosure pertains to a health monitoring system and device, where the system 100 include one or more devices 106 associated with one or more entities 108, where each of the one or more devices 106 includes a first set of sensors 202 configured to detect temperature and pulse of the one or more entities, a second set of sensors 204 configured to detect cough, cold associated with the one or more entities , and a first processing unit 206 configured to extract and compare a third set of signals and a fourth set of signals based on the detected temperature, pulse, cold, and cough parameters. The system 100 includes a server 114 communicatively coupled with the one or more devices 106 configured to create a training and testing dataset, where the training and testing dataset facilitates the system 100 to predetermine health of the one or more entities 108.

No. of Pages : 30 No. of Claims : 10