

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041014806 A

(19) INDIA

(22) Date of filing of Application :03/04/2020

(43) Publication Date : 15/05/2020

(54) Title of the invention : A PORTABLE WEARABLE APPARATUS FOR AGED AND ISOLATED PERSON MONITORING SYSTEM

(51)
International classification :A61B0005000000,A61B0005040000,G08B0021040000,G08B0025010000,A61B0005047600
(31) Priority Document :NA
No
(32) Priority Date :NA
(33) Name of priority country :NA
(86)
International Application :NA
No :NA
Filing Date
(57)
International Publication : NA
No
(61) Patent of Addition to Application Number :NA
Filing Date
(62)
Divisional to Application Number :NA
Filing Date

(71)Name of Applicant :
1)Dr.B.SRIDEVI
Address of Applicant :W/O
T.RAJASHEKAR, PROFESSOR &
HEAD , DEPARTMENT OF ECE ,
VELAMMAL INSTITUTE OF
TECHNOLOGY , CHENNAI Tamil
Nadu India
2)S.SRINIDHI
3)R.POORNIMA
4)K.AKASH
5)M.SRIKANTH
6)K.RAGUPATHI
(72)Name of Inventor :
1)Dr.B.SRIDEVI
2)S.SRINIDHI
3)R.POORNIMA
4)K.AKASH
5)M.SRIKANTH
6)K.RAGUPATHI

(57) Abstract :

The present invention is the portable wearable apparatus for monitoring a Old person to detect the onset of a patient, the method executed at least in part by a control logic processor, obtains, from one or more electrodes on the patient's scalp, at least a first brain wave signal pattern and a second brain wave signal pattern from the patient. The system compares at least the first brain wave signal pattern to the second brain wave signal pattern and reports a patient, storing, in an electronic memory, a record indicating the time of the patient according to the comparison. It also determines heart rate. This invention is designed in the form of a wrist watch which is worn by the aged people for most of the time. A physical button provided in the watch can be pressed to establish immediate connection between the sufferer and a rescuer, along with the location details. It also performs some little deeds like drug ordering from nearby pharmaceutical shops. This purpose is achieved by a button. This device also comes with fall detection capability to alert the helpers with location sent via SMS. It also has several other button based features.

No. of Pages : 14 No. of Claims : 8