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TITLE OF INVENTION	METHOD FOR CHARACTERIZATION OF A SUBJECT'S ATTENTION AND MEDITATION USING BRAIN COMPUTER INTERFACE FOR REAL TIME HEALTHCARE MONITORING
FIELD OF INVENTION	BIO-MEDICAL ENGINEERING
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(51) International classification	:A61B0005000000, G06F0003010000, A61B0005160000, A61B0005047600, A61B0005048000	(71)**Name of Applicant :**
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(57) Abstract :

Aspects of the present disclosure A method (100) for characterization of subject€™s attention and meditation using brain computer interface for real time healthcare monitoring. Attention as a cognitive aspect of brain activity is one of the most usable areas of brain study. It has significant impact on the quality of activities such as learning process and critical activities. In this invention, we detect the attention of a person using EEG Signals and Brain Computer Interface (BCI). By this we can know whether the Person is attentive or not so that we can avoid issues related to vehicle drivers orpilots. The EEG signals are acquired (102) and then they are amplified (104) and used for further analysis in this invention. The sampling (110) process and filtering (108) is process is also performed on the EEG signal. (FIG. 1 will be the reference figure)

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