

ABSTRACT OF THE DISCLOSURE

BIOMEDICAL DEVICES FOR BIOMETRIC BASED INFORMATION COMMUNICATION RELATED TO FATIGUE SENSING

Methods and apparatus to form a biometric based information communication system are described. In some examples, the biometric based information communication system comprises biomedical devices with sensing means, wherein the sensing means produces a biometric result.

10 In some examples, the biometric result may relate to a level of fatigue or sleepiness of the user. In some examples, the user may be operating machinery. In some examples the biometric based information communication system may comprise a user device such as a smart phone paired in communication with the biomedical device. A biometric measurement result may trigger a

15 the user and historical records relating to the user.

Figure 13