

(54) Title of the invention : WEARABLE MONITORING SYSTEM FOR VOCALLY DISABLED

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(57) Abstract :

The present disclosure pertains to a wearable monitoring system (100) for vocally disabled. The system (100) include a device (102) adapted to be worn by a user, and collect vibration information in the throat of the user. Upon receiving vibration in the throat, an image acquisition unit (108) may be activated to collect images of a pre-defined area, and the images be analysed o detect a person. Upon detection of the person in the image, name of the person is (such as ‘mom’) spoken by a speaker (112), and when any unidentified person is detected in the image, an alert unit (114) is activated to inform nearby entities that the user needs help. Also, the device (102) is communicatively coupled with a mobile computing device associated with the caretaker, and they may check location and health information of the user anytime from a remote location.

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