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(57) Abstract :

A wearable assistance device for a deaf user is provided. The device facilitates to receive sounds in vicinity of the deaf user using a microphone and provides a classification of the received sounds using a voice recognition module. Upon the classification of at least one of the received sounds in a particular predefined classification category, the at least one of the received sound is determined as a warning sound. Further, a vibrator operatively coupled with the wearable assistance device is activated to alert the deaf user to the warning sound. The device captures the received sounds such that speech from a person talking to the deaf user and determined from the captured received sounds is translated into a text for the deaf user. This is done using a speech to text translator operatively coupled with the device.

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