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(57) Abstract :

The present invention relates to an intelligent shoe for assisting blind people. The intelligent shoe for assisting blind people comprise of a processing unit, plurality of sensors, a protective layer, a hearing device. The processing unit further comprise of a slot for GSM module, a Bluetooth unit, a battery unit and a microcontroller. The plurality of sensors further comprise of at least one of LASER sensors and at least one IR sensors and the protective layer is hard and water proof. The method of the intelligent shoe for assisting blind people comprise of step such as detecting the position and motion of the obstacle by the LASER sensors and IR sensors respectively. Processing and sending the data of the obstacle to the hearing device of the blind people. Storing the data of the obstacle in the server through the GSM module for future use.

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