Bracelet Aid for Blind People

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This project aims to help blind people live their lives easily and reduce the problems of address recognition and help them to locate their particular addresses easily just with the help of a bracelet. Millions of people having the problem of blindness are in the adult category and minimum in child category but according to our observation this bracelet will reduce the acute problems of blindness all over the world with ease. This device will consist of: ? GPS ?A vibrator ?A microphone ?A sensor ? A micro camera ?A buzzer • It is a light weighted hand bracelet which a blind person will wear in their both hands. As soon as person will speak the address into the microphone, it will activate the sensor inside the bracelet and GPS will start locating that particular address. • The vibrator is an essential part of this bracelet. As soon as the address is located, the vibrator will do it’s work. Whenever the person need to turn right he/she will feel a vibration at his/her right hand from the bracelet or whenever the person needs to turn left he/she will feel a vibration at his/her left hand or vibration will be felt at both hand whenever the person needs to turn around. • The vibration gets stronger as the turn is near. To solve the problem of any obstacles in path, a small micro camera is in the bracelet and if an obstacle is in the way, camera will capture it and activate the buzzer so that the blind person becomes aware of it. • Hence, this device will overall reduce the acute problems of blind people and they can travel and live their lives with ease. The device will be beneficial in crowded areas like shopping mall and you can warn yourself from any obstacle.

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