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## Patent Search

Invention Title	DESIGN OF AN INTELLIGENT GLASSES BASED GADGET ASSISTIVE SYSTEM FOR THE BLIND PEOPLE BY USING TENSOR
Publication Number	44/2023
Publication Date	03/11/2023
Publication Type	INA
Application Number	202341068673
Application Filing Date	12/10/2023
Priority Number	
Priority Country	
Priority Date	
Field Of Invention	BIO-MEDICAL ENGINEERING
Classification (IPC)	A61H0003060000, A61F0009080000, A61K0036730000, G09B0021000000, G01S0015930000

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**Abstract:**

Abstract Have you ever considered how a blind person's life is, and how dangerous it is? They can't even go down a busy street or through a park by themselves. They need the aid of others. They are also interested about the beauty of the world; they should be excited to explore the world and be aware of what is going on around them. They want to discover their own stuff without the need of anybody else. So, in this system we introduced a smart glass for blind people. This allows a person to see what is going on around him. This gadget was created using a Raspberry Pi 3 and Google Android Things. Here, we used ultrasonic sensor to detect the object in front of the blind people. When the user presses a button on the gadget, it takes a photo, analyses it using tensor flow, and determines what the picture is about. The device then uses a speaker or headphones to help the user about that picture.

**[Complete Specification](#)**

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**Detailed Description of Invention**

In this invention, when the power source is connected to the controller starts functioning. The function of push button is when it's on, a small metal spring inside makes contact with two wires, allowing electricity to flow and when it's off, the spring retracts, contact is interrupted, and current won't flow. The ultrasonic sensor senses the distance of the sensor from the target which is already calculated. The camera captures all the data's which can be stored in the computer using the USB. The camera acts as a webcam also. The micro controller is connected to the tesseract learning algorithm which converts the text to speech conversion. This is connected to the headphone.

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Page last updated on: 26/06/2019