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## Patent Search

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### Abstract:

At present, we are in IoT world. Safety in home is now being focused from old-style approaches to computerization with the support of the Internet. network of interrelating devices (may be physical devices, vehicles, home appliances, etc.) embedded with electronics, sensors, etc., to exchange data systems are equipped with computing and information technology which delivers them with smartness and intellect. Since doors are the gateway to necessary to make them more secure and safe. In this system, we used a raspberry pi controller to work along with a camera module and speaker to operations. And also this system will help the houseowner know who has arrived at his/her home as well as it will act as a security system when there is on any robbery.

### Complete Specification

Description: The main purpose of this work is, when somebody arrives at our home, so instead of pressing the bell, the person can raise hand at a distance that the ultrasonic sensor can sense the presence of a person and the bell will ring automatically using a servo motor without any touch to the bell. Additionally, it can be applied to our existing doorbells. , C , Claims: Claims:

We claim,

1. A device that provides an ultrasonic sensor that can sense the presence of a person.
2. Also, the system uses a camera that captures the person's photo and alerts on abnormal or suspicious behavior.
3. This system is useful to perform a contactless smart bell system in 24/7 monitoring.

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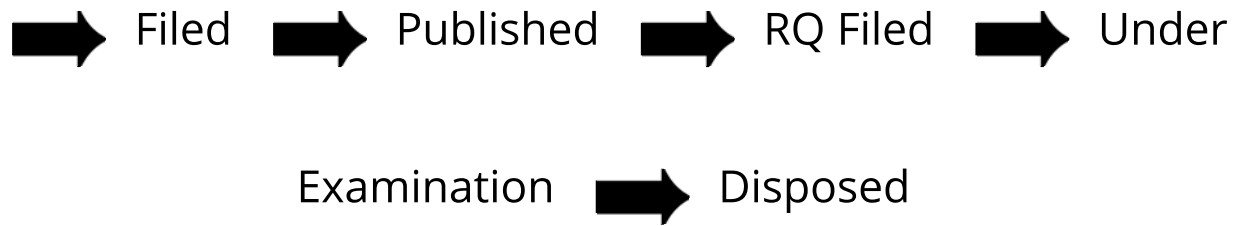
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APPLICATION STATUS

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