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## Patent Search

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**Abstract:**

The popularity of using robots in industries and factories instead of human workers has seen a high rise. Through this work we have attempted to make an alternative human for reducing the human labor by using simple and available components. This robotic system is controlled by a user through joystick. By the use of the joystick can operate both the robotic vehicle and the robotic arm. It will move from one place to another according to the command of the user and pick the desired object as per the user. This design of the robot is easy, cheap and versatile, making it a great commercial candidate. With the increasing use of this kind of robot the production rate will increase and the number of mishaps will decrease.

**Complete Specification**

**Description: FIELD OF INVENTION**

The invention of this robotics focus on an industrialization process by completely automating by using intelligent sensors, while others try to settle the analytical foundations on building concepts of robotics. The aim of this work is to design and implement a wireless joystick for dangerous and difficult places that humans can reach it and make the specific tasks.

**BACKGROUND OF THE INVENTION**

Robotics development as well as robotics learning has gotten huge demand in the past decade. Robotics usually involves controlling robotic arms or vehicles remotely. The problem is that there are many wireless mediums to control robotic, the major ones being RF (radio frequency) and BT (Bluetooth). Developing a different controller for each type of robotic system is a very tiresome task and brings huge delays in robotics research and learning.

So here we create a master robotics controller remote that consists of a button controller as well as a joystick controller that can be used to control robotic arms as well as robotic vehicles. Along with this we here integrate 2 different forms of wireless communication RF as well as Bluetooth so that is compatible with all types of robotic systems.

The system will provide the following advantages:

- Button Control for motion/switching operations
- Joystick for Steering type Control
- RF Wireless Transmission

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#### Application Details

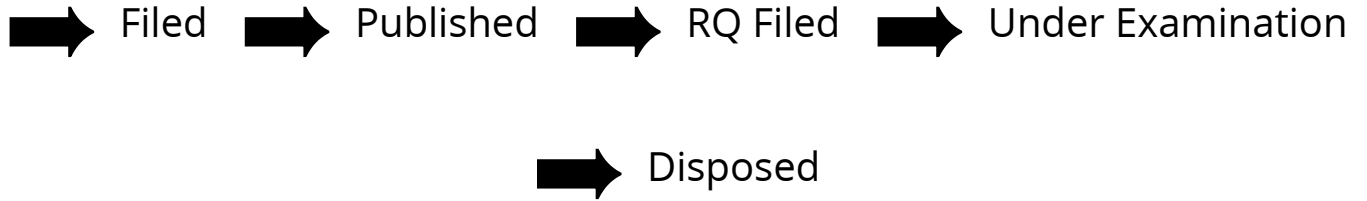
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APPLICATION STATUS

## Awaiting Request for Examination

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