

J.A.R.I.S

(Just A Rather Intelligent System)

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Abstract: This is a robot, ultimate purpose system. It is used as national security such as military secret operations. The system which soldiers and police have is no more new now we'll make an improvement to this thing by making this thing, soldier was also saved in this and terrorist is also caught alive. And the main thing about this machine is it can walk any where either it's a flat surface, off road, stairs, or to be on the gallows expedition. These reports reach to terror locations. (In buildings, & other locations & find suspects) this system included smoke bomb, fire system, unconscious smoke etc. Also this machine can be use for patrolling on the border.

IndexTerms – mechanical engineering, mechanical, engineering, J.A.R.I.S, jaris, security system, border security, patrolling robot, all engineering department, strike stopper.

I. INTRODUCTION

It was my dream to be a soldier from my childhood; I would protect and would work for my nation. But because of my height i was rejected. And from then i decided somehow i will work for my nation and as the time passed new invention were done and then i saw in news that peoples were throwing stones over the soldier's . And on this time soldier's either use tear gas or plastic bullets to get them in control, but it doesn't work. Then i got the idea that we should invent something that will keep humans in limits and would not damage more and then i kept on thinking, and then I discussed this topic with my group members, then my crew members gave an idea that "Vivek we should make peoples insane!" then it stricked in my mind that yes he's right even that would not affect humans more and they would calm down also it can be used to catch a terrorist alive, and then we discussed this with our sir then he said ("that everyone would be thinking why it is named J.A.R.I.S so it's because the best movie which is related to mechanical is iron man who's main part was JARVIS who's full form is just a rather very intelligent system" a intelligent system).



Our project J.A.R.I.S is named a J.A.R.I.S because it is related to intelligent systems. It is portable system which can carry easily any time anywhere. The best think about J.A.R.I.S is it can be handled / operated by a single person. This system runs by electrical energy and remote system. It is also light weight, so we can move it with less effort's main purpose of making a J.A.R.I.S is coach terrorist, control on strike and crowd, border security etc. The efficiency of this machine is much more than the existing machine available in the market and it is eco-friendly, because there is no use of any type of fossil fuel. It is a new age of intelligent systems. We can make zero% killing ratio and 95% peaceful nation. We can change scenario of wars and security system. We can change future of battles, and save soldiers, civilians and government properties.

II. PROBLEM STATEMENT

- When we first start our project we come to know that arrangement of body legs are not proper.
- So we re-arrange the fitting of body legs.
- After the project has been assembled, gun is not work. So we make a new gun.
- Gun is not fire properly, so that for we can change fluid.

- Change wiring.
- While inspection, we know smoker does not run on the UPS, so we can change the arrangement.
- When the work of the project was progress, the legs were broken.

III. PROCESSED APPLICATION

In positive gun when butane gas is contact with igniter the blast occurred ON. If pressure created by gases. This pressure forced out the potato from the gun. It will strike up to 80 meters. Whole process is operated by remote. We can easily understand the moment of terrorist by using camera in front of J.A.R.I.S robot. By using fire arrangement robot is protected from enemies.

3.1 All The Inspection Work Carried Out By Team Members Only

- Leaking problem.
- Back fire during the triggering.
- Installation problem.
- Lack of oxygen's percentage in the gun, there for it is not fired as well.
- Wheel jam during a working.
- Smoker is not run on UPS.
- Wiring problems.



3.1 basic components

- Battery problem.
- When we assembly the battery with entire assembly, the battery was not working that's why disassemble it and found that was faulty. So we had to buy a new one.
- High ampere given to battery then wire is automatically melt, so that for we can change whole wiring.
- Gun is not working when create a spark, At that time open a back cover then blow out the fire from back side, So our guide helped us for this.
- J.A.R.I.S. is not properly turn.
- Speed not controlled when it's run, so that for our guide helped us.

IV. Results And Discussion

The system which soldiers and police have is no more new now we'll make an improvement to this thing by making this thing, soldier was also saved in this and terrorist is also caught alive. And the main thing about this robot is it can walk any where either it's a flat surface, off road, stairs, or to be on the gallows expedition. Also robot having security alarm so if anyone wants to destroy it then alarm get self activate the robot is also operated away from 100 meters and smoke-bomb covers 70 to 80 meters and unconscious smoke is covers area of room.

4.1 Conclusion

We can take J.A.R.I.S over a place where even soldiers can't go, and also JARVIS can insane the terrorists with the help of smoke bomb and unconscious smoke with the help of which we can get information about them. Then even if the Terrorist is in the building, it is also caught. And even the military secrete mission which are at night in dark even at that time terrorist can be caught. Because there is camera installed in this robot which gets to know about the human and the thing which happens in most cities "strikes". During that time humans damage the property of nation thinking that's their private property and if the police stop them, they also kill them, at that time J.A.R.I.S is of great importance. Also this robot can be use for patrolling on the border. And by using this robot nation and its properties can also be protected.

IV. Future Scope

- Decreasing in number of tires
- And make it compact.
- Attached thermal camera.
- Add automation and make it very intelligent system.

Table 1 list of figure

Fig. no.	details		
	title	Subhead	Subhead
1.1	J.A.R.I.S	introduction	-
3.1	Basic components	Processed application	Inspection carried out

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