



TECHNICAL PROJECT REPORT

TITLE OF INVENTION / PROJECT:

LASER LIGHT SECURITY ALARM AND LASER LIGHT GAME

TEAM MEMBERS / INVENTORS:

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Section – 1 (IPR Related)

BRIEF ABSTRACT (500 WORDS):

This is a security alarm which turns on when the light rays gets obstructed from reaching the light dependent resistor, to make it more secure we can make use of mirrors for continuous reflection of the light ray. This can not only be used as security alarm but also an interesting game.

EXISTING STATE-OF-THE-ART AND DRAWBACKS IN EXISTING STATE-OF-THE-ART

S. No.	Existing state of art	Drawbacks in existing state of art
1	Can be used as an alarm for thefts and robberies	This can be only used as a security alarm and nothing more than that

NOVEL/ADDITIONAL MODIFICATIONS THAT YOU CAN PROPOSE TO IMPROVE UPON DRAWBACKS

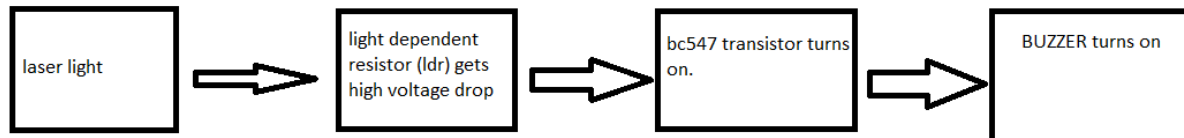
This can not only act as a security alarm but also an interesting game.



ADVANTAGES

This circuit can warn people if any intruder enters their house or tries to enter their place which is meant to be kept safe. This circuit can also be arranged in a way such that it can be made into an interesting game.

BLOCK DIAGRAM



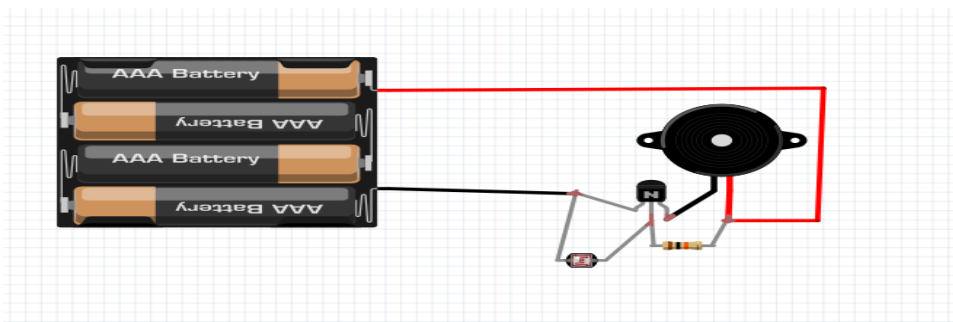
Section – 2 (Real Project)

MATERIALS

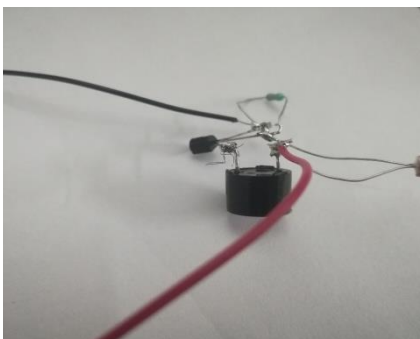
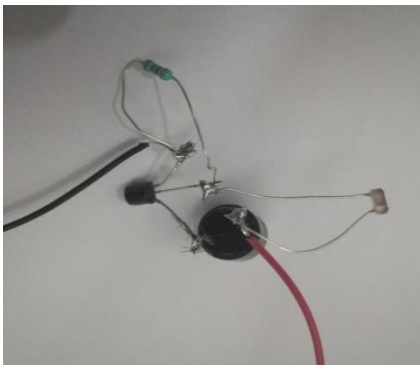
S.NO	MATERIAL	QUANTITY	PRICE
1	Light dependent resistor	1	Rs. 40
2	1.5 volt buzzer	1	Rs. 25
3	2.2k ohm	1	Rs. 5
4	4v battery	1	Rs. 90
5	bc547 transistor	1	Rs. 7
6	Switch	1	Rs. 10
7	Laser light	1	Rs. 221
8	Mirrors	5 pc.	Rs.195
9	Cardboard	-	-
			Total – Rs. 593



CIRCUIT DIAGRAM



Steps of Circuit Completion



PROGRAM CODE

NA

