

Proposal and Implementation of Car Safty Device

"Communi"

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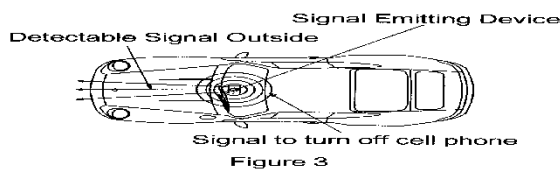
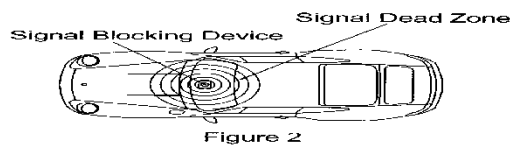
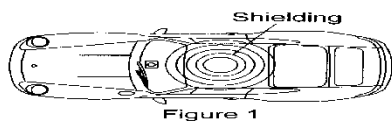
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Abstract

A system or method that blocks the operation of a cellphone in a powered vehicle, so that the driver complies with the new cellphone legislation, that is coming into effect, or is in effect around the world, and provides additional safety assurance for family members, individuals, and employers.

The system will also emit a signal that allows law enforcement individuals to also identify that the system is in operation, and not turned off, or deactivated. The cell phone blocking system will only cover the internal area of the vehicle that affects the driver, and not affect cell phone coverage outside the vehicle.



BACKGROUND OF THE INVENTION

As the use of cellphones has increased, there are probably as many cellphones in use as there are powered vehicles.

While driving a vehicle, it is very important to have your attention focussed on the task at hand. It has been determined by many studies, that operating a vehicle while using a cellphone is unsafe. Many studies show that your reaction time and attention to the road are greatly reduced when using a cellphone. Some studies, operating a powered vehicle, showed people that who were impaired on alcohol, above the legal limit, did better than people using cell phones in a controlled test. It is getting to the point where many provinces,

states, and countries are banning the use of cell phones inside a powered vehicle.

The difference with my patent is that I want to be able to aid present legislation and only in a powered vehicle. The vehicle is in constant motion and it is acting in an undetermined region of space with the airwaves, and cell towers that come in a range of the cellphone. My application only affects the individual and provides them with an extra level of safety for their families and employees. What I am proposing does not affect any individual's rights or privileges, and it will aid current legislation.

SCOPE FOR FUTURE WORK

The system implemented is solely a warning system; it is not involved in the mechanics of the vehicle. Feedback can be provided to the vehicle such that if the vehicles are too close, the vehicle automatically applies brakes or changes lanes. The data from the test vehicle (Ex: Ambulance) can be transmitted to the central hub of the traffic signal at an intersection. This will cause the traffic light to switch from red to green, thus allowing the ambulance to move quickly.

Description

FIELD OF THE INVENTION

This application relates to the field of operation of cellphones within any powered vehicle, and more particularly to eliminating their usage inside the vehicle, while the vehicle is in motion.

Since the vehicle is in constant motion, a predetermined region of cellphone signal space cannot be specified, so the region of space is not limited where

the cellphone signal will be affected. The region of space will be changing based on where the vehicle is located.

This application also relates to the field of operation for detecting, that the cellphone signal blocking mechanism is in operation, so law enforcement officials can easily determine, whether the device is activated. Law enforcement officers will be able to use a device, much like a radar detector to determine if the device is in operation and doing its job.

My device only affects the individual and provides them with an extra level of safety for their families and employees. What I am proposing does not affect any individual's rights or privileges, and it will aid current legislation.

I want to do more on this device like A Signal Emitting Device (SEDi) that works in conjunction with the cellphone, such that it will automatically turn the power off in the cellphone in the vehicle passenger compartment, and not allow it to be powered up until the vehicle is in park, comes to a complete stop, or the vehicle is turned off, or any combination of these 3 options.

The Signal Blocking Device (SBD) signal will be contained in the vehicle, such that it has no effect on any cellphones outside of the powered vehicle. The SBD will not affect any public airwaves.

The Signal Blocking Device (SBD) may incorporate a signal adjustment, so that the signal can be changed to adjust to the shape of the interior of the vehicle.

My first experimient

My first experience was as it's showing on the pictures I tried to connect all the wires together in a Circuit And I failed In the beginning and I use a Jammer motherboard To make it easier and to create the device But while I was Working on it I Found out that

There is some lag but on my next experience I will work much harder to make the results better and finish the whole device.

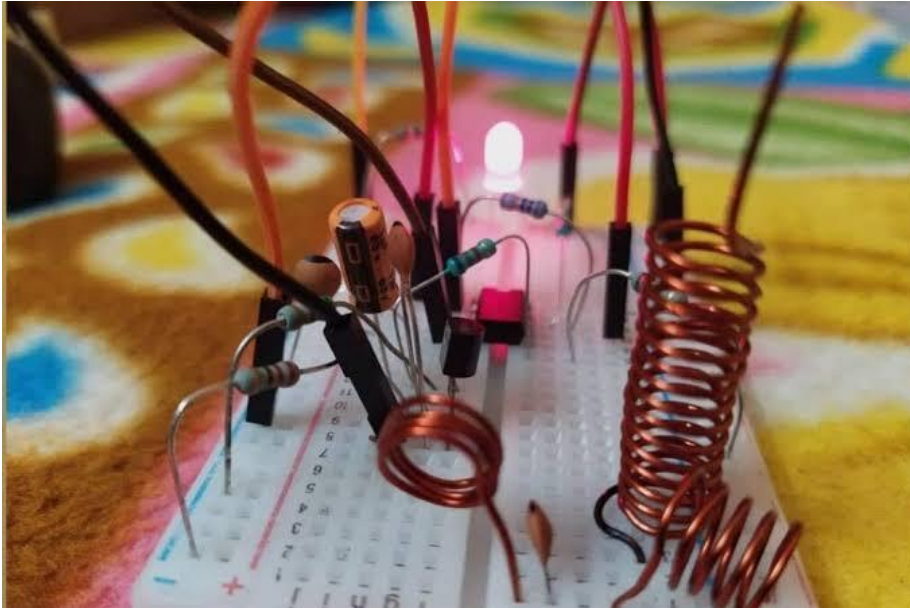
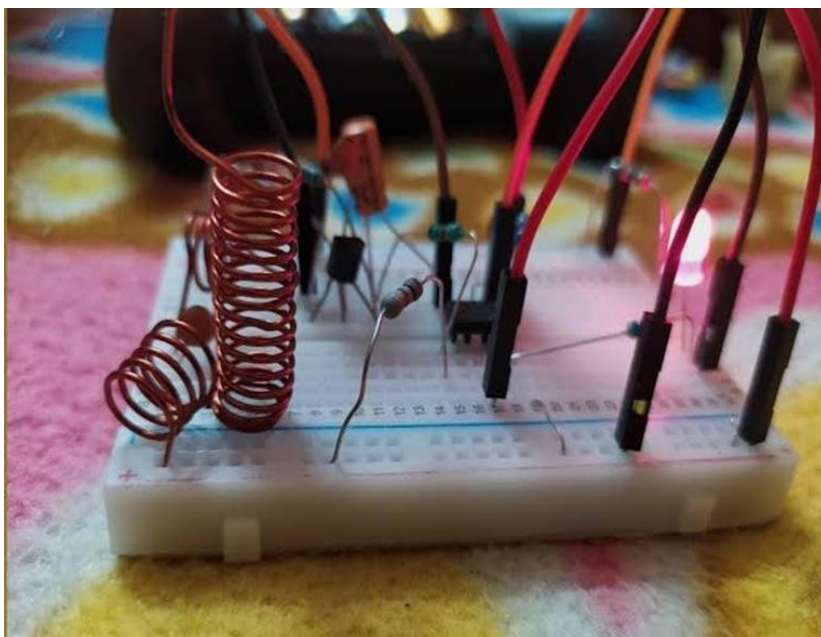


Figure 1



CONCLUSION :

The wireless system for vehicle safety and communication is designed to ensure that the road safety measures are enhanced with a simple module and inter-communication between

vehicles during emergencies on the roads to pave way for immediate exit. The speed limit indication would help the driver/rider conduct to the safety regulations. The intercommunication between vehicles would provide better lane discipline and response to emergency situations. This system would display the information in a refined manner through the screen, instead of only with LEDs, also counting with a buzzer. The driver can toggle between any of the information like speed, temperature, and humidity, distance traveled, proximity distance, time, and date using the touch screen.

SUMMARY OF THE INVENTION

The invention eliminates the cellphone reception in the vehicle, such that the driver cannot use their cellphone while driving. Once the vehicle comes to a complete stop the cellphone would become available for usage. This scenario would be for when legislation makes cellphone usage illegal.