

## **New Car Rear Vision System Invented by Richard Horian Eliminates All 'Blind Spots'**

*Pivot camera views any blind spot within 1/3 of a second." Camera will view any blind spot in high definition up to a mile away.*

RIVERVIEW, Fla. ([PRWEB](#)) September 03, 2019 -- The US Patent office is issuing a patent for a new rear vision system for vehicles within only 2 months from first application. New innovative safety inventions that can save lives are sometimes given issuance preference. The invention is a single rear vision camera that is mounted to a servo controlled positioning system that will pivot the camera to see 'blind spot' areas in less than one third of a second. Rear view Blind spot accidents result in over 300 deaths and 15,000 serious injuries each year.

Rocker switches on the steering wheel activate the camera to point towards the five blind spots the driver needs to see:

- (1) Straight back from the center rear of the vehicle
- (2), (3) Left or right field of view from the position of each of the door mounted mirrors with an added 600% viewing area.
- (4), (5) Left or right 180 degree sideways view from the rear bumper to see cross traffic and sidewalks a mile down the road.

Where this invention is critical is one of the most common areas severe accidents occur. A car drives into a parking spot at the grocery store. It is sandwiched between two other cars. The standard rear vision camera is practically useless to help the car back out safely when ready to leave. The driver in the parked car cannot tell what traffic is coming or people pushing grocery carts that will quickly be behind the car when ready to back out and leave. The only way to tell if a hazard is approaching is to back the vehicle out until it is far enough into the road to see through the side windows. Too late.

There are many new inventions that use radar like electronic sensor devices to detect oncoming cross traffic. But there is a serious fault with all these devices. They all have a limited range or "radius of detection" . Meaning; a warning alarm does not alert until the approaching hazard is within usually 10 ft. of the parked car. A vehicle, jogger, or bicycle travelling at just 11 miles per hour covers 50 feet of ground in just three seconds. This means the driver of the parked car wanting to back out has less than 1/2 of a second to react to the oncoming hazard entering the "radius of detection". The new invention allows high definition video to see what is coming in all blind spot areas up to a mile away. The driver of the parked car does not even have to reverse his vehicle at all from his parking spot to see everything behind him before he begins to back out.

The invention is in full compliance with the 2018 NHTSA law FMVSS 111. All rights to the invention are for sale. The auto manufacturer or Tier 1 supplier that owns this invention will be in an interesting position for the 20 year life of the patent. Of all the new rear vision systems on vehicles today, there is not another in the world that can currently detect a car or person travelling towards a sandwiched parked car from a block away let alone a mile. In addition to this long distance cross traffic detection, the invention has an additional feature that enhances side door mirror vision by 600%. Now, when a driver wants to change lanes he no longer just gets a view of his door handle and side of his car. With a push of the button, he can see up to six lanes of traffic to the side of his car to make the decision to switch lanes in perfect safety.

This new invention considers the car shopper above all else. When the car buyer enters the new car showroom and sits in the vehicle, the salesman boasts about their new "surround" vision that can see around the car from above. The shopper looks and sees what appears to be a 'video game' image of the car from above and a small area around the animated car. The shopper goes to the car dealership next door and with the push of a button can see a high-def real image of obstructions a mile away in all directions around the back of the car. Which car is that shopper going to buy? For the next 20 years, life of the patent, the car brand that offers this feature is going to sell more cars because they are offering a feature that every driver has always wanted on their car - true vision of all blind spots. For further information, review the details on the web page <http://dev2.perfectnet.com/bc/> or contact Richard Horian at 6101oak@gmail.com (C) 2019



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