

Safety Device For Preventing Night-Road Accidents

The technology, Safety Device for Preventing Night-Road Accidents, is a simple and inexpensive method for reducing or eliminating glare without reducing the visible light to the driver (as conventional sunglasses would). Accidents associated with glare account for ever increasing accidents as headlights become brighter and roads become more crowded.

The technology presented here is based on a very low cost, easily mass manufacturable (*i.e.* reel-to-reel) technology. Demonstration units have already been manufactured and have been tested by potential customers in both India and Europe, with uniformly positive responses.

Salient features

- Safety device for preventing night-road-accidents, thereby saving human lives and vehicle damages
- This technology was originally developed for use in glasses or visors to mitigate glare associated with oncoming headlights for nighttime drivers.
- Technology is not a polarizing technology so shouldn't have detrimental effects due to differences in user vision characteristics.
- For the night-road-driver of vehicle, mitigate or drastically reduces temporarily blinding effects of very troublesome and extremely dangerous bright headlight glare of oncoming vehicles and rear end approaching vehicles (due to reflections in the rear view mirror) disturbed clear and adaptive view of road ahead and obstacles thereon, in road illumination provided by his own vehicle's headlight, to enable him to drive safely and comfortably at night.
- Reduction in irritation, headache, fatigue, harrowing experience and tiredness of eyes and increase in comfort level
- Reduction in glare-effect on pedestrians, skiers, snow-walkers and computer users.

Areas of application

- Safety application device for nighttime driving

End users

- Drivers during nighttime