July 29, 1941. M. J. LA BELLE, SR 2,251,193

ANTIGLARE SHADOW SHIELD FOR AUTOMOBILES

Filed July 19, 1940 2 Sheets-Sheet 1

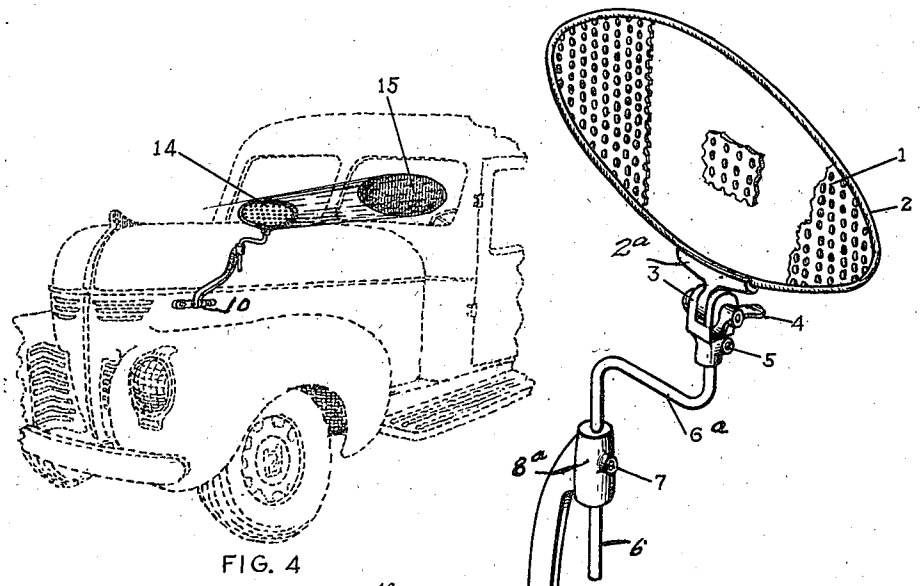


FIG. 4

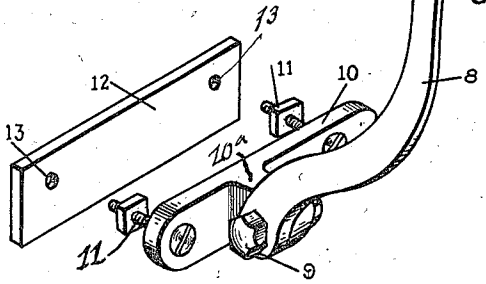


FIG. 1

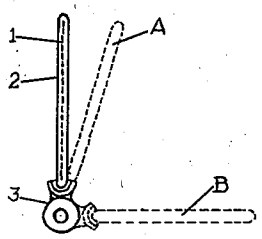


FIG. 2

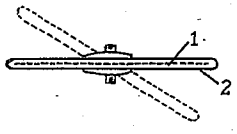


FIG. 3

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ANTIGLARE SHADOW SHIELD FOR AUTOMOBILES

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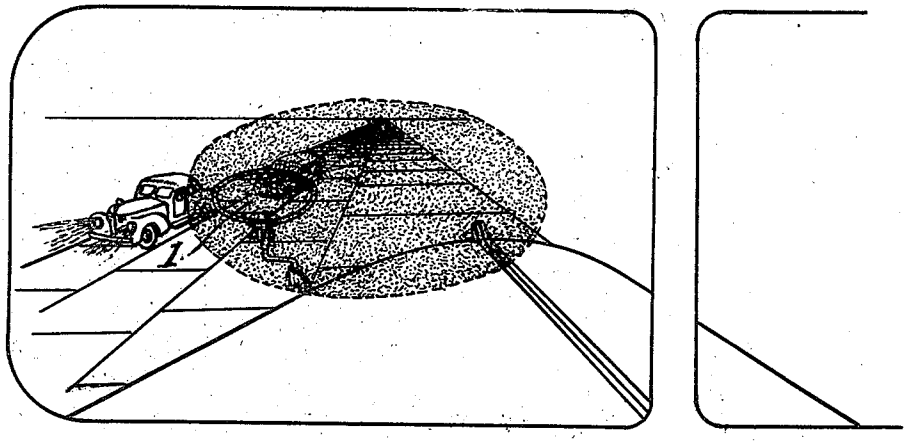


FIG. 5

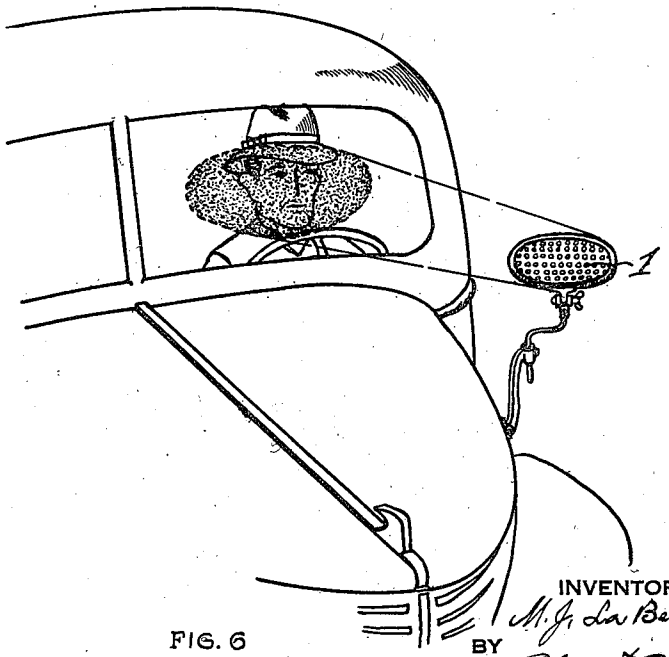


FIG. 6

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ANTIGLARE SHADOW SHIELD FOR AUTOMOBILES

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Application July 19, 1940, Serial No. 346,428

2 Claims. (Cl. 296—97)

This invention has for its object to provide an efficient anti-glare shadow shield or screen to be mounted on an automobile in front of the wind shield and which will screen the eyes of the driver from the glare of the headlights of approaching cars. To this end the invention comprises a semi-transparent shield member which will throw a shadow in the line of vision of the driver and which may be adjusted to suit different cars and different drivers, as will be hereinafter fully set forth.

In the accompanying drawings, Fig. 1 is a perspective view of the invention. Figs. 2 and 3 are detail views showing different adjustments of the shield member. Fig. 4 is a perspective view showing the shadow shield mounted in operative position on an automobile. Fig. 5 is a perspective view showing the visibility on the right side of the road, and Fig. 6 is a perspective view showing a correct position of the shadow for the best visibility.

Referring to the drawings, 1 denotes the shadow shield member mounted in a frame 2 pivotally attached to a fork 3 by a clamping wing-nut 4. The shield member 1 preferably consists of a closely perforated metal plate so that it is semitransparent or translucent and will cast a shadow toward the driver of a car and thus shut off the glare of the headlights of approaching cars. Instead of the perforated metal plate other equivalent translucent material may be used for the shadow-shield member.

The shield member is attached to a bracket 2*a* having a lug extending between the member of a fork 3 through which passes a thumb-nut-bolt 4.

The fork 3 is clamped to the upper end of a supporting rod by a set screw 5 which, when loosened, permits lateral adjustment of the shield member, as indicated in Fig. 3. The supporting rod comprises the part 6 and the offset part 6*a* with an upward extension on which the fork 3 is mounted. The part 6 of the supporting rod passes through a tubular part 8*a* at the upper end of a standard 8 which is pivotally mounted by a bolt 9 on a forward extension 10*a* of a clamping plate 10. The clamping plate 10 is attached to the engine hood of a car, as shown in Figure 4, by bolts 11 passing through the hood and a stiffening reenforcing plate 12 to be placed on the inside of the hood and which is provided with bolt holes 13.

It will be noted that the stiffening plate 12, to be located on the inside of the usual sheet metal engine hood, and in cooperation with the clamping plate 10, to be located on the outside of the hood, affords a strong re-enforced attachment of the improved device to a sheet metal engine hood. This re-enforced attachment is necessary, as, without it, the standard 8 could not be safely attached to the sheet metal hood. In applying applicant's improved shadow shield device to an existing car it is only necessary to make holes in the sheet metal hood, and this is easily done.

From the foregoing it will be understood that the shield member is capable of many adjustments, to accommodate different conditions of cars and short and tall drivers, to wit, the lateral adjustment of the fork 3, permitted by the set screw 5, the pivotal adjustment permitted by the bolt of the thumb-nut 4, the vertical and lateral adjustments permitted by the set screw 7, and the turning adjustment permitted by the pivot-bolt 9. The adjustment permitted by the thumb-nut 4 is an important one as it not only has the adjustment to position A, Fig. 2, to intensify the shadow, but also to the idle position B, for daytime driving and in which idle position the shadow-shield member will be turned down out of the way.

I claim:

1. An automobile shadow shield device comprising a standard, a clamping plate to which said standard is pivotally attached so as to be capable of a pivotal adjustment, said clamping plate to be located on the outside of a sheet metal hood part, a stiffening reenforcing plate to be located on the inside of a sheet metal hood part, bolts and nuts for securing said clamping and reenforcing plates together, said standard having a tubular part at its upper end, a vertically and axially adjustable rod fitting said tubular part and having an upper offset part, a set screw for securing said rod in any desired position, a translucent shadow shield member and connections between said offset part and said shadow shield member.

2. An automobile shadow shield device according to claim 1 and in which the connections between the offset part of the rod and the shadow shield member comprise an upward extension of the rod, a fork attached to said upward extension, and a frame for said shadow shield member and which frame is pivotally connected to said fork so that said member may be turned down out of the way for daytime driving.

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