Dec. 1, 1925. 1,563,884

L. WEISHAN

ANTIGLARE DEVICE

Filed July 13, 1925

Fig. 1.

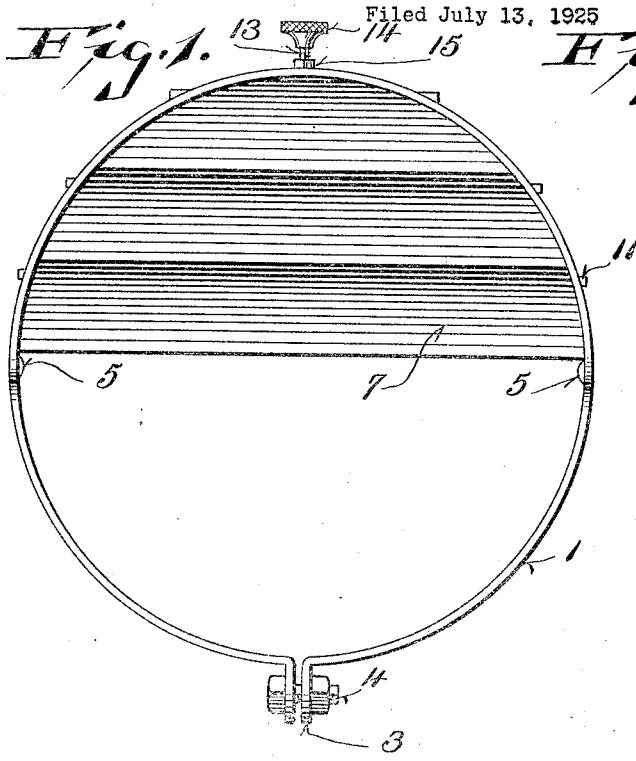


Fig. 2.

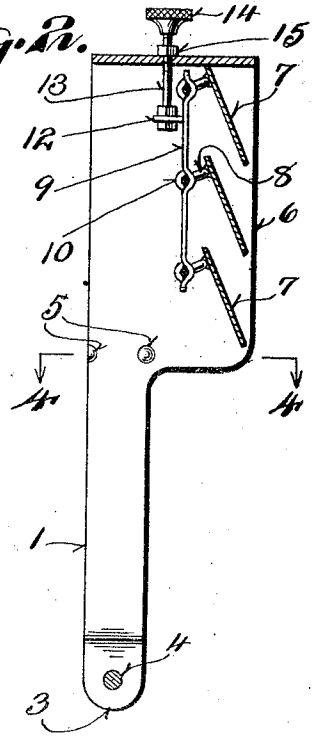


Fig. 3.

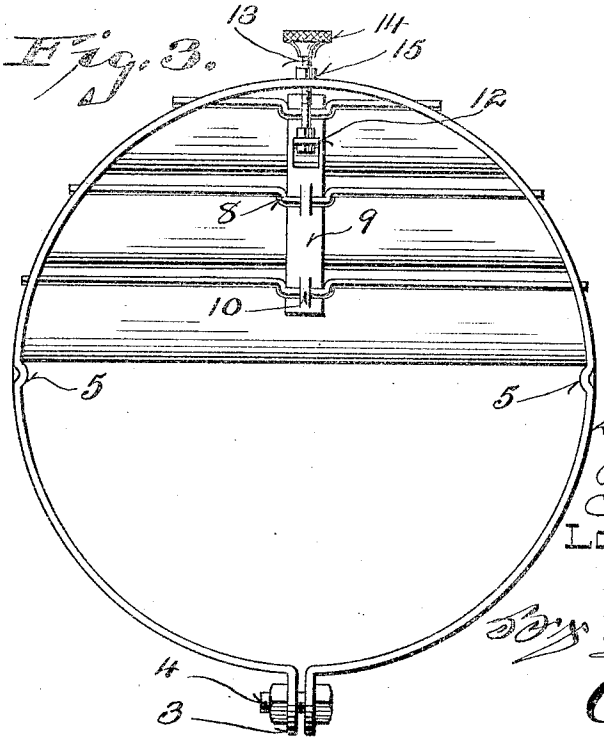
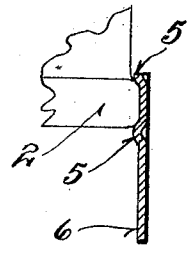


Fig. 4.



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UNITED STATES PATENT OFFICE.

LOUIS WEISHAN, OF MILWAUKEE, WISCONSIN.

ANTIGLARE DEVICE.

Application filed July 13, 1925. Serial No. 43,326.

To all whom it may concern:

Be it known that I, LOUIS WEISHAN, a citizen of the United States, and resident of Milwaukee, in the county of Milwaukee and State of Wisconsin, have invented certain new and useful Improvements in Anti-glare Devices; and I do hereby declare that the following is a full, clear, and exact description thereof.

This invention relates to anti-glare devices, and is particularly directed to an anti-glare device adapted for use with automobile headlights.

Objects of this invention are to provide an anti-glare device which will cooperate with a headlight to prevent rays from passing upwardly into the approaching driver's eyes while intensifying the illumination downwardly towards the roadway.

Further objects are to provide a device which is equipped with a plurality of pivoted shutters, and which may be most readily adjusted to vary the angle of setting of the shutters and to thus alter the action of the device to suit the particular demands.

An embodiment of the invention is shown in the accompanying drawing, in which:—

Figure 1 is a front view of the device.

Figure 2 is a sectional view through the device.

Figure 3 is a rear view of the device.

Figure 4 is a fragmentary view showing the cooperation of the device with the casing of the headlight.

Referring to the drawings, it will be seen that the device comprises an annular band 1 adapted to be passed around the outer enlarged portion 2 of the headlight. This band is preferably provided with a pair of spaced apertured ears 3 at its lower end through which a clamping bolt 4 passes so that the device may be most readily clamped to a conventional headlight in a simple manner. Further, it is to be noted particularly from Figures 2 and 4 that a pair of inwardly directed projections 5 are provided preferably by deflecting a portion of the metal forming the band. These projections, as shown in Figure 4, engage the front and rear faces of the enlarged portion 2 of the headlight and thus prevent inward or outward shifting of the device. Preferably two or more pairs of these projections are formed, as indicated in Figures 1 and 2.

The upper portion of the device is provided with a widened part 6 between which a plurality of shutters are each provided with rock arms or cranks 8, which are connected by means of a vertical link 9, such link being conveniently formed of a sheet of metal, as indicated in Figure 3, with rearwardly struck tongues 10 which fit over the cranks or rock arms 8 of the shutters 7. A convenient way of forming these shutters is to provide a continuation of the cranks 8 in the form of elongated bars 11 which form trunnions for the shutters and are pivotally carried in the band 1, although obviously other forms of construction may be employed, if desired.

It is to be noted, further, particularly from Figures 2 and 3, that the link 9 has a rearwardly struck apertured ear 12 through which an adjusting bolt 13 passes, such adjusting bolt being either threaded through the upper end of the band 1 and swivelly mounted in the ear 12, or else swivelly mounted in the band and threaded through the ear 12. In the form shown, the former construction is illustrated.

The adjusting screw 13 is provided with an upper enlarged head or thumb nut 14, preferably knurled, and if desired a lock nut 15 may also be provided to lock the screw in position.

It is to be distinctly understood that while the device is shown as an attachment for a conventional headlight, obviously it may be built into the headlight as a permanent portion thereof by the manufacturers.

Further it is to be noted that the inner sides of the shutters 7 may be silvered or polished, if desired.

It will be seen that a very simple type of anti-glare headlight has been provided, which may be most easily adjusted and which may be locked in adjusted position.

Although the invention has been described in considerable detail, it is to be understood that the same may be variously embodied and is, therefore, to be limited only as claimed.

While I have particularly shown and described a form of my invention, wherein the metallic shutters are movable and adjustable, obviously I may, without departing from the spirit of my invention, in some cases manufacture the invention with the shutters in one piece with the band, or in other words rigid or solid, which construction would be much cheaper in the cost of manufacture. Thus the device can be a

single stamping, and being flexible, can readily be shaped to conform to the light fixture.

I claim:—

An anti-glare device adapted for attachment to a headlight, comprising an annular band adapted to surround the outer end of the casing of such headlight and having a pair of spaced ears, means for drawing said ears towards each other, said member having projections thereon adapted to engage said casing and prevent inward or outward motion of the device, said band being relatively wider at its upper portion, a plurality of shutters mounted transversely of said upper portion and pivotally carried thereby, each shutter having a crank arm projecting rearwardly thereof, a link joining said crank arms and having an outwardly projecting apertured ear, and adjusting screw passing through the upper portion of said band and operatively coupled to said outwardly projecting ear of said link, whereby the angular setting of said shutters may be simultaneously varied by manipulating said screw.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin.

LOUIS WEISHAN.