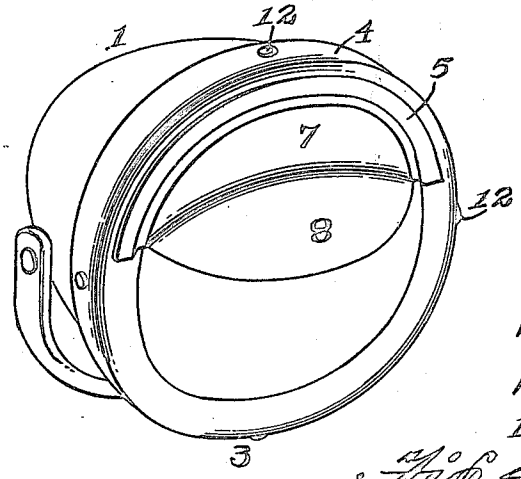
Dec. 26, 1922. 1,440,292.

C. A. HARTMANN.

MOTOR VEHICLE HEADLIGHT DEFLECTOR DEVICE.

FILED JAN. 31, 1922.

Fig. 1.



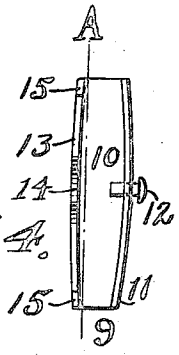


Fig. 4.

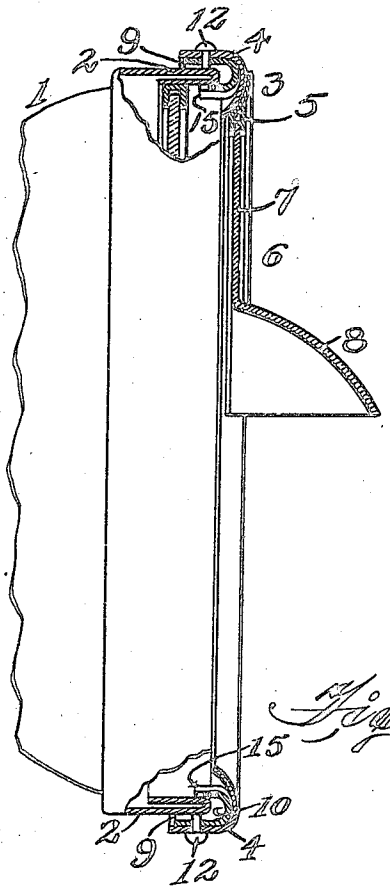


Fig. 2.

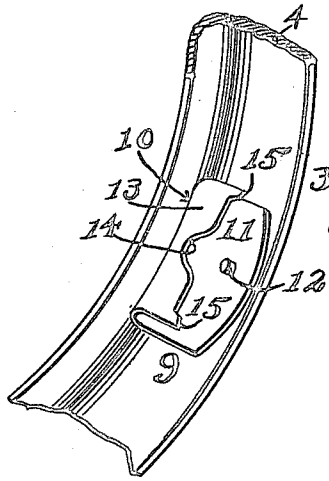


Fig. 3.

Inventor

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His Attorneys.

Patented Dec. 26, 1922. 1,440,292

UNITED STATES PATENT OFFICE.

CHARLES A. HARTMANN, OF SAN ANTONIO, TEXAS.

MOTOR-VEHICLE HEADLIGHT-DEFLECTOR DEVICE.

Application filed January 31, 1922. Serial No. 533,020.

To all whom it may concern:

Be it known that I, CHARLES A. HARTMANN, a citizen of the United States, residing at San Antonio, in the county of Bexar and State of Texas, have invented certain new and useful Improvements in Motor-Vehicle Headlight-Deflector Devices, of which the following is a specification, reference being had therein to the accompanying drawings.

This invention relates to a motor vehicle headlight deflector device, and the object of the invention is the construction of a simple and efficient device that can be quickly attached to the body of a head-lamp, without the necessity of adjusting any fastening means.

Another object of the invention is the construction of a simple and efficient deflector device that can be quickly secured to a head-lamp by a skilled or unskilled operator, owing to the simplicity and durability of my device.

With these and other objects in view, my invention comprises certain novel combinations, constructions and arrangements of parts as will be hereinafter described, illustrated in the accompanying drawings, and more particularly pointed out in the appended claims.

In the drawings:

Figure 1 is a perspective view of a device constructed in accordance with the present invention, and shown upon a head-lamp.

Figure 2 is a fragmentary view of a head-lamp, showing my device partly in elevation and partly in section thereon.

Figure 3 is a fragmentary, perspective view of the device.

Figure 4 is a front view, in elevation, of one of the clamping devices of my deflector device.

Referring to the drawings by numerals, 1 designates the body of a head-lamp which is provided with an edge 2, to which edge is applied my deflector device 3.

The deflector device 3 comprises a ring-like body 4 that is adapted to fit over the edge 2 of the head-lamp, and to the ring-like body 4 is secured a holder device 5, in which holder device 5 is fastened the glass deflector 6. The upper portion 7, of the glass deflector 6, is suitably colored, or is made of colored glass, to permit the rays of light to slightly pass therethrough, whereas, the bill or beak portion 8 is suitably treated to cause the rays of light, striking thereagainst, to be thrown downwardly upon the road over which the vehicle is passing, thereby preventing a glaring light to be thrown in the eyes of the operator of an approaching vehicle.

A plurality of clamping devices 9 are placed within the ring-like body 4, and attached thereto as hereinafter described. Each clamping device comprises a substantially U-shaped body 10. The inner side 11 conforms to the shape of and rests snugly against the inner face of a portion of the ring-like body 4. A stud 12 extends through the ring-like body 4 and through side 11 of the clamping device, holding the clamping device in position. The outer side 13, of clamping device 9, is cut away, as at 14, producing at its outer corners, clamping lugs 15, which lugs tightly clamp against the inner side of the edge 2 (Fig. 2), whereas, the inner end of the stud 12 clamps or bears tightly upon the outer face of the edge 2. It is to be noted (Fig. 4) that the outer side 13 is outwardly-bowed from an imaginary line "A", so as to permit the lugs 15 to have a decided clamping action against the edge 2 when the entire device is slid or forced into position upon the head-lamp, as shown in Figs. 1 and 2. Therefore, it will be seen that I have provided a ring-like body with a plurality of resilient or springy clamping devices 9 to hold the ring-like body upon a head-lamp; my device will permit the quick placing, or removal, of the same in position, at the will of the operator.

While I have described the preferred embodiment of my invention, and have illustrated the same in the accompanying drawings, certain minor changes or alterations may appear to one skilled in the art to which this invention relates, during the extensive manufacture of the same and I, therefore, reserve the right to make such alterations or changes as shall fairly fall within the scope of the appended claims.

What I claim is:

1. In a device of the class described, the combination of a ring-like body, clamping devices engaging the inner face of said ring-like body, each clamping device comprising a substantially U-shaped body including an inner and outer side, a stud extending through said ring-like body and through the inner side of the clamping device, said outer

side of the clamping device being bowed outwardly and provided at its corners with clamping lugs, and a deflector carried by said ring-like body.

2. In a device of the class described, the combination with a head-lamp provided with an edge, of a ring-like body surrounding said edge, a plurality of U-shaped clamping devices over said edge and between said edge and said ring-like body, portions of said U-shaped clamping devices engaging said edge, studs extending through said ring-like body and portions of the clamping devices and bearing upon said edge spacing portions of the clamping devices away from said edge, and deflector means on said ring-like body.

In testimony whereof I hereunto affix my signature.

CHARLES A. HARTMANN.