Nov. 27, 1928. 1,693,334

S. T. BEARE

HEADLIGHT

Filed Feb. 3, 1928

Fig. 1.

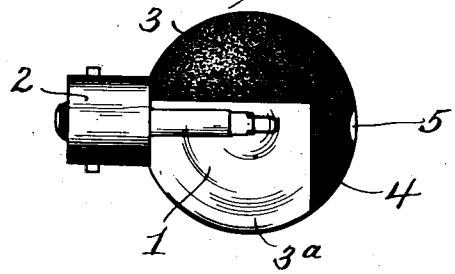


Fig. 2.

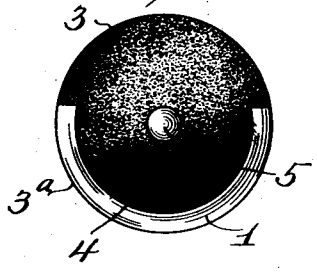
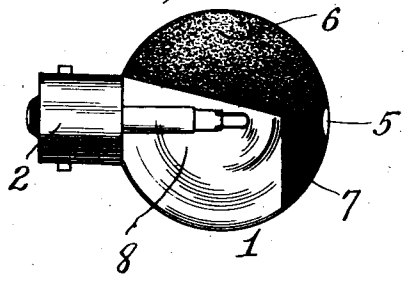


Fig. 3.



Inventor

S. T. Beare

By Seymour & Bright

Attorneys

Patented Nov. 27, 1928. 1,693,334

UNITED STATES PATENT OFFICE.

SAMUEL T. BEARE, OF JACKSON, TENNESSEE.

HEADLIGHT.

Application filed February 3, 1928. Serial No. 251,638.

This invention relates to improvements in headlights and more particularly to such as are adapted for use in conjunction with reflectors on automobiles and other vehicles,—the object of the invention being to provide an electric lamp bulb which shall be adapted to so direct the rays of light as to prevent glare and at the same time permit a few of the rays to be projected forwardly through the end of the bulb and in axial alignment with the latter.

With this and other objects in view, the invention consists in certain novel features as hereinafter set forth and pointed out in the claims.

In the accompanying drawings,—

Figure 1 is a view in elevation illustrating an embodiment of my invention;

Figure 2 is a front end view, and

Figure 3 is a view showing a slight modification.

An incandescent electric light bulb is illustrated at 1 and provided with a suitable socket piece 2 to be fitted in a socket in a suitable reflector not shown.

A shield for the bulb is formed by a translucent coating on the bulb, which coating may be of white or colored paint or similar material such as can be applied by a brush or by dipping, or frosted.

The applied shield comprises a portion 3 which covers approximately one half of the body portion of the bulb and a portion 4 which covers the end of the bulb except at the center of said end where the glass of the bulb is left transparent to form a comparatively small "bull's-eye" 5 in axial alignment with the bulb and its connecting means to a reflector.

With my improvements the main portion of the rays of light from the lamp will be so directed as to prevent glare but a few of the rays will be projected forwardly through the bull's-eye 5 so that said rays will be parallel with the longitudinal axis of the lamp and will afford light ahead of the vehicle sufficient for all practical purposes and at the same time avoid objectionable glare.

In the form of the invention shown in Figure 1, the edges of the portion 3 of the shield are at right angles to the portion 4, while in the form of the invention shown in Figure 3, the edges of the portion 6 are at obtuse angles to the end portion 7, thus leaving a larger clear glass portion 8 than the clear glass portion 3^a shown in Figure 1.

Having fully described my invention what I claim as new and desire to secure by Letters-Patent, is:—

1. An automobile lamp, comprising an incandescent lamp bulb having a translucent shield applied thereto, said shield comprising a portion extending longitudinally of the bulb and covering approximately one-half thereof and a portion covering the end of the bulb except a portion of the bulb in axial alignment with the latter forming a bull's-eye.

2. An automobile lamp, comprising an incandescent lamp bulb having a coating of translucent material applied thereto, said coating comprising two portions, one portion extending longitudinally of the bulb and leaving an oppositely disposed clear glass portion, the other portion of said shield covering the end of the bulb and leaving a clear glass bull's-eye in line with the longitudinal axis of the bulb.

In testimony whereof, I have signed this specification.

SAMUEL T. BEARE.