

1,284,016.

Patented Nov. 5, 1918.

Fig. 3

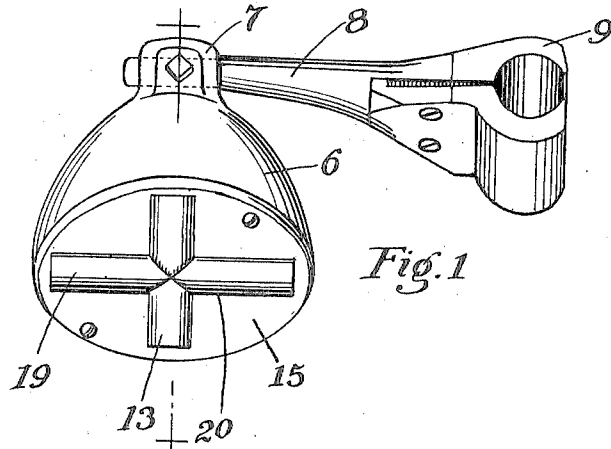
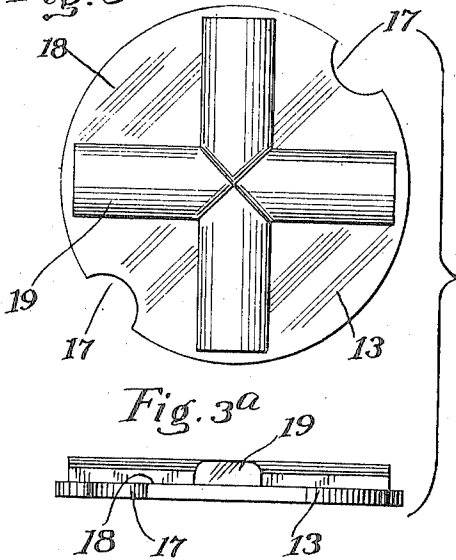


Fig. 1

Fig. 4

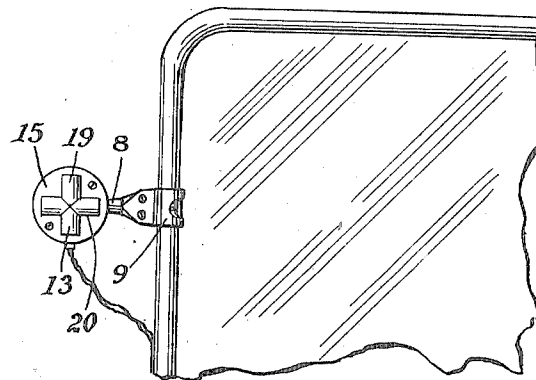
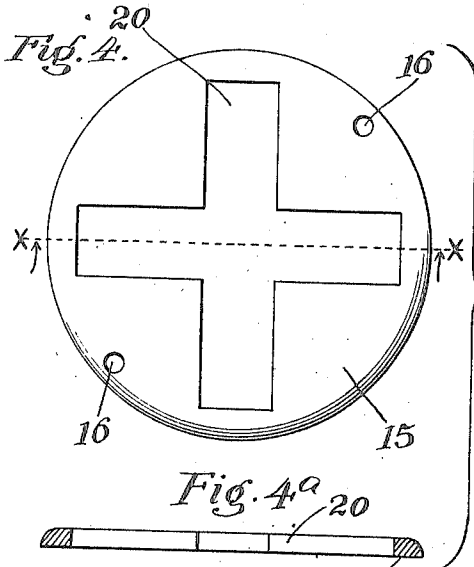
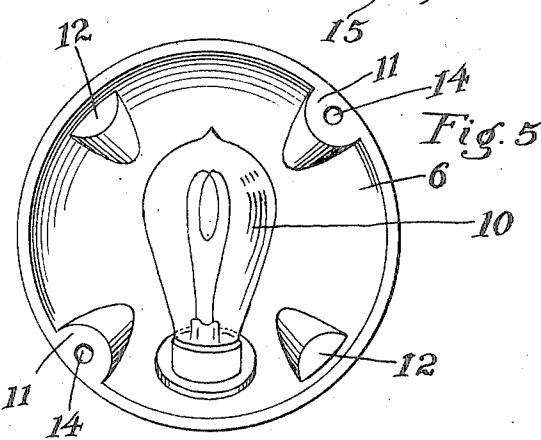
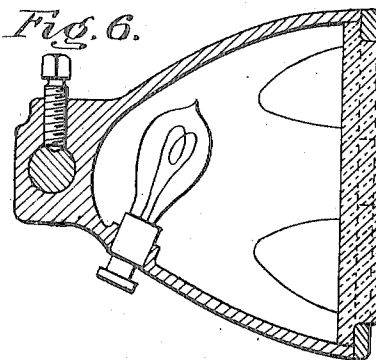


Fig. 2

Fig. 6



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UNITED STATES PATENT OFFICE.

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LAMP.

1,284,016.

Specification of Letters Patent.

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Application filed March 7, 1918. Serial No. 220,891.

To all whom it may concern:

Be it known that I, LLEWELLYN WISE, a citizen of the United States, residing in Cincinnati, in the county of Hamilton and State of Ohio, have invented new and useful Improvements in Lamps, of which the following is a specification.

This invention relates to an improved lamp for vehicles and particularly to an auxiliary automobile lamp.

An object of my invention is to produce an improved auxiliary lamp adapted to be employed in the illumination of insignia and signals of various kinds, such as signals capable of distinguishing the vehicles of fire-chiefs, police officials, physicians, and the like, the insignia of the physician having been chosen in the disclosure embodying my invention.

In the drawing Figure 1 is a perspective view of a lamp embodying my invention.

Fig. 2 is a view showing a lamp embodying my invention, attached to a vehicle windshield shown in fragmental elevation.

Fig. 3 is a front elevation of a molded glass lamp front embodying the insignia of a physician.

Fig. 3^a is an edge elevation of the glass shown in Fig. 3.

Fig. 4 is a front elevation of the metal cover 15 and Fig. 4^a is an edge view thereof.

Fig. 5 is a front elevation of the body portion of the lamp, the cover and glass front having been removed to disclose the interior showing the means for illuminating the lamp.

Fig. 6 is a sectional view taken on the line 6-6 of Fig. 1.

The lamp embodying my invention consists of a body portion 6 having the preferable parabolic formation, the rear of the lamp being provided with a lug 7 adapted to be mounted upon a finger 8 of a bracket 9 provided for securing the lamp in position on the vehicle. This body portion is also provided with means for mounting the electric bulb 10 which I have disclosed as the preferred form of illumination, the bulb being located as closely to the focal center of the parabolic reflector as possible. On the interior of the body a series of lugs 11 and 12 are formed, the lugs cooperating to form supports against which the glass front 13 disclosed in Fig. 3, may rest. The lugs 11 are preferably provided with screw threaded openings 14 for the purpose of se-

curing the metal cover 15, disclosed in Fig. 3^a, in position. This cover is provided with apertures 16 adapted to permit the passage of screws therethrough and into the screw threaded apertures 14, the glass front 13 being provided with notches 17 adapted to register with the openings 14 and 16 in order to permit of the passage of screws therethrough.

The particular feature of novelty of my improved lamp lies in the formation of the glass front. This front consists of a body portion 18 of substantially plain glass, the body portion being so molded as to have an elevated portion 19 which conforms in contour to the shape of the insignia to be displayed. The top surface of this elevated portion is preferably crowned to present a somewhat lens-like formation which will concentrate the light projected from the lamp, in such a manner that the insignia will be made to stand out as a separate feature from the back or plain portion 18 of the glass front. In the example disclosed in the accompanying drawings I have chosen a cross formation, the front surface of the cross formation being crowned. The sides of this elevated portion of the glass front are preferably parallel with one another and are formed at right angles to the surface of the plain portion 18.

In order that the glass front may be retained in position on the body portion of the lamp, I preferably make the glass front of such a diameter that it will fit within the inside of the body portion, the lugs 11 and 12 being so located that their flat surfaces lie sufficiently below the front edge of the body portion to permit of the plain portion 18 of the glass front, to lie substantially flush with the front edge of the body portion. The cover 15 is provided with an opening 20 of the same shape as the insignia to be displayed so that when placing the cover over the glass front, the opening 20 will register with the raised portion 19 so as to permit the raised portion to extend through the opening 20 and allow the cover to engage the plain portion 18 of the front and to contact the front edge of the body. In securing the cover to the body portion, the notches 17 are brought into register with the apertures 16 and screws are passed through the apertures 16 and into the screw threaded apertures 14 of the body. By this means the lamp is assembled, the

plain portion 18 of the glass front being obscured by the cover and the lens-like elevated portion 19 allowed to project through the cover so as to present only its formation to view when the lamp 10 is illuminated.

Any suitable means may be provided for mounting the lamp in position, I having chosen the simple clamp disclosed in Figs. 1 and 2, the lamp being shown mounted in a convenient position on the windshield of the vehicle, in Fig. 2. By providing suitable adjustment means the lamp may be changed as to elevation or inclination to disclose the insignia thereof in any desired direction.

Having thus described my invention what I claim is:—

1. A lamp comprising a body, a glass front having a lens formation conforming in

shape to an insignia to be displayed, a cover adapted to close the body and to retain the front in position on the body, and a means of illumination located within the body.

2. A lamp comprising a body, a glass front having a lens formation conforming in shape to an insignia to be displayed, a cover having an opening adapted to register with the lens formation, and means for attaching the cover to the body, whereby the front will be retained in position on the body.

In testimony whereof, I affix my signature in the presence of two witnesses.

LLEWELLYN WISE.

Witnesses:

CHAS. R. BUSCHMAN,
C. M. BECHTEL.