

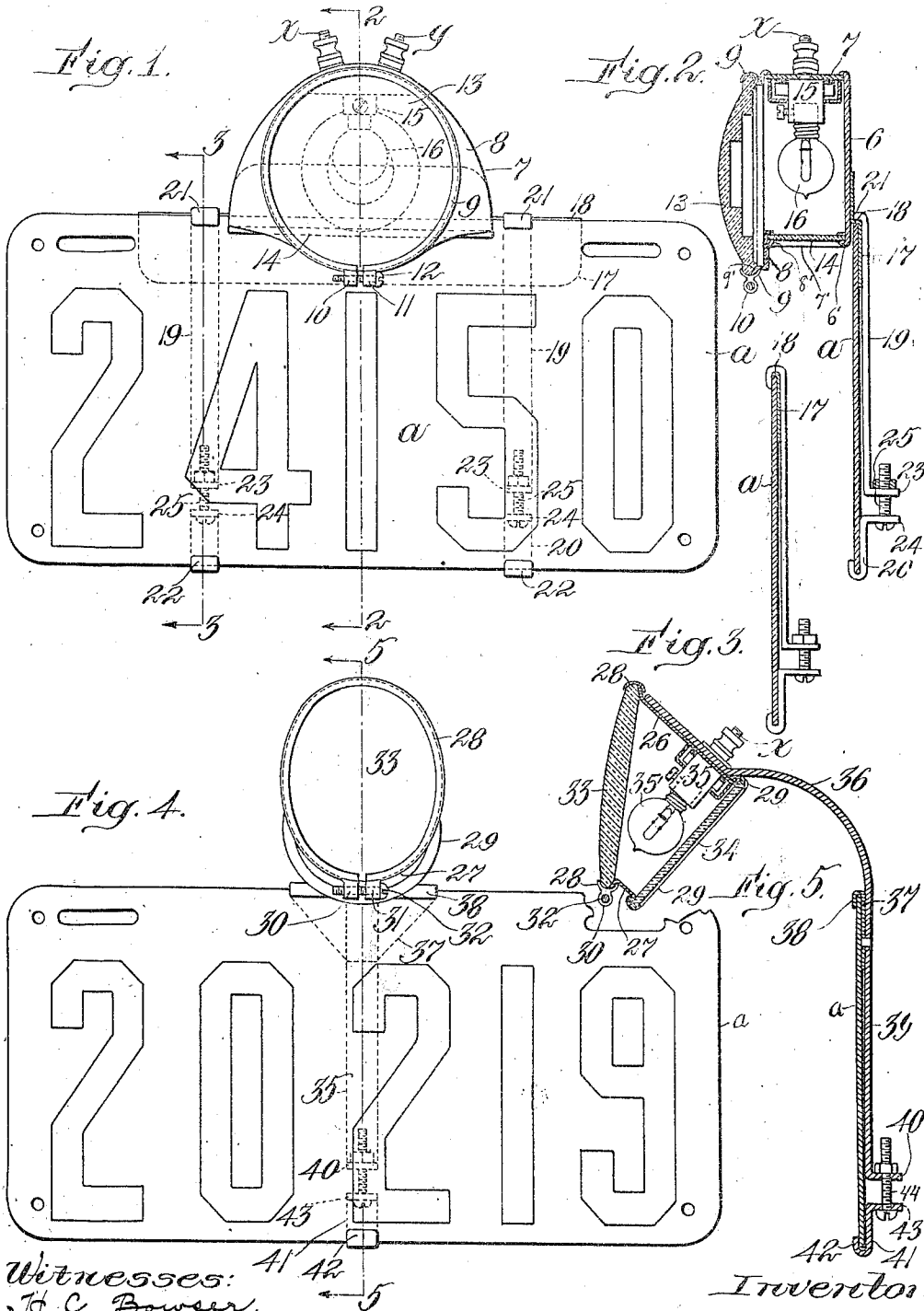
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LAMP.

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959,431.

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Witnesses:
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UNITED STATES PATENT OFFICE.

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LAMP.

959,431.

Specification of Letters Patent.

Patented May 24, 1910.

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To all whom it may concern:

Be it known that I, OLIVER J. HOLT, of Chelsea, in the county of Middlesex and State of Massachusetts, have invented certain new and useful Improvements in Lamps; and I hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing, forming part of this specification.

This invention relates to improvements in lamps designed for the combined purposes of automobile number plate illuminators and tail lights, or danger signals.

One object of this invention is to so construct a lamp of this nature that it may be mounted directly on the number plate of an automobile when desired.

Another object of this invention is to provide a dust proof lamp casing of the nature described.

Other objects of the invention will appear from the following description.

The invention consists in the peculiar construction of the lamp casing.

The invention also consists in the peculiar means for mounting the lamp casing on the number plate.

The invention also consists in such other novel features of construction and combination of parts as shall hereinafter be more fully described, and pointed out in the claims.

Figure 1, represents a front view of the improved lamp and the number plate to which it is attached. Fig. 2, represents a sectional view of the same taken on line 2-2 Fig. 1. Fig. 3, represents a similar view taken on line 3-3 Fig. 1. Fig. 4, represents a front elevation of a modified form of the improved lamp attached to a number plate. Fig. 5, represents a sectional view of the modification taken on line 5-5 Fig. 4.

Similar numbers of reference designate corresponding parts throughout.

In carrying this invention into practice, in its preferred form, I construct a casing substantially in the shape of a hood having a back 6, a curved top 7, and a flanged substantially semi-elliptical front 8 furnished with a circular opening having the flanged edge 9' for receiving the split ring 9, the ends of which are furnished with the perforated lugs 10 and 11, one of which is screw threaded to engage the clamping or

drawing screw 12 whereby the split ring 9 may be drawn to engage and confine the edge of the lens 13 which for use in the present device, is preferably red in color. Portions of the back 6, top 7 and front 8 are turned inward to engage the edges of the glass panel 14 which is preferably transparent, the inward turned portions of said members being designated 6', 1' and 8' respectively, as shown in Fig. 2.

Mounted in the top 7 are the binding posts X-Y furnished with binding nuts adapted to secure the conductors of an electric circuit in place. Interiorly of the lamp casing said posts connect with the socket 15 of an electric bulb 16.

On the back 6 of the lamp casing is preferably secured the plate 17 having the edge 18 bent over to engage the upper edge of a number plate or sign and on which the lamp is or may be mounted. In order to secure the plate 17 to the number plate *a* I preferably make use of a pair of clamps comprising the metal strips 19 and 20 having respectively the bent lips 21 and 22 and the members 23-24 adapted to be drawn together by the clamping bolts 25 and their nuts.

When in use rays of light reflected by the bright inner surface of the casing are directed outward through the colored lens 13 and downward through the transparent panel 14 to illuminate the face of the plate *a*. The bulb 16 is protected by said panel 14 from dust and gravel and, by reason of the construction of the front of the casing said casing is rendered practically dust proof.

In the modification shown in Figs. 4 and 5 the casing is formed with an oval wall, wider at the top 26 than at the bottom 27 and having or furnished with projecting flanges 26' for mounting the channel members 28 and 29 of which the channeled member 28 is furnished with the lugs 30 and 31 one of which has a screw threaded perforation adapted to be engaged by the drawing screw 32 whereby the said member 28 is drawn tight about the edge of the lens 33, preferably colored while the clear glass panel 34 is secured in the channel member 29. On the top 26 are secured binding posts as X adapted to receive end portions of electric conductors and said posts are connected interiorly of the casing with the

socket 35 furnished with the incandescent electric bulb 35'. The lamp supporting curved arm 36 is secured to the top 26 of the casing and is furnished with the plate 37 having the lip 38, while the portion 39 of the arm 36, below the plate 37 is bent outward to form the perforated member 40. The clamping plate 41 has the bent edge 42 and the bent perforated member 43 and a screw bolt and nut 44 is furnished to draw the members together whereby the edge 38 of the plate 37, and the edge 42 of the plate 41 engage the edges of the number plate *a* and secure the lamp thereto.

15 This improved lamp is particularly adapted to be mounted on a number plate for automobiles whether said plate is fixed or is mounted to swing, and said lamp serves both as a danger signal and as an illuminating means for said number plate.

20 Having thus described my invention I claim as new and desire to secure by Letters Patent—

1. A device of the class described comprising a back member, a flanged front member substantially semi-elliptical in outline, a curved top member positioned between said front and back members, a transparent bottom plate and said back, top, and front members having inturned edges engaging over and securing said plate in position.

2. A device of the class described comprising a back member, a front member substantially semi-elliptical in general outline, a curved top member positioned between said front and back members, a transparent bottom plate and said back, top, and front members having inturned edges engaging over and securing said plate in position, said front member provided with a circular opening, and a lens mounted therein, said plate positioned below the plane of the center of the circular lens.

3. A device of the class described comprising a back member, a front member, a curved top member positioned between said front and back members, a transparent bottom plate and said back, top, and front members having inturned edges engaging over and securing said plate in position, said front member provided with a circular opening, a lens mounted therein, said plate positioned below the plane of the center of the circular lens, and a lamp interiorly suspended from said top member and alining with the center of both the lens and plate, and a bracket secured to said back member.

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