

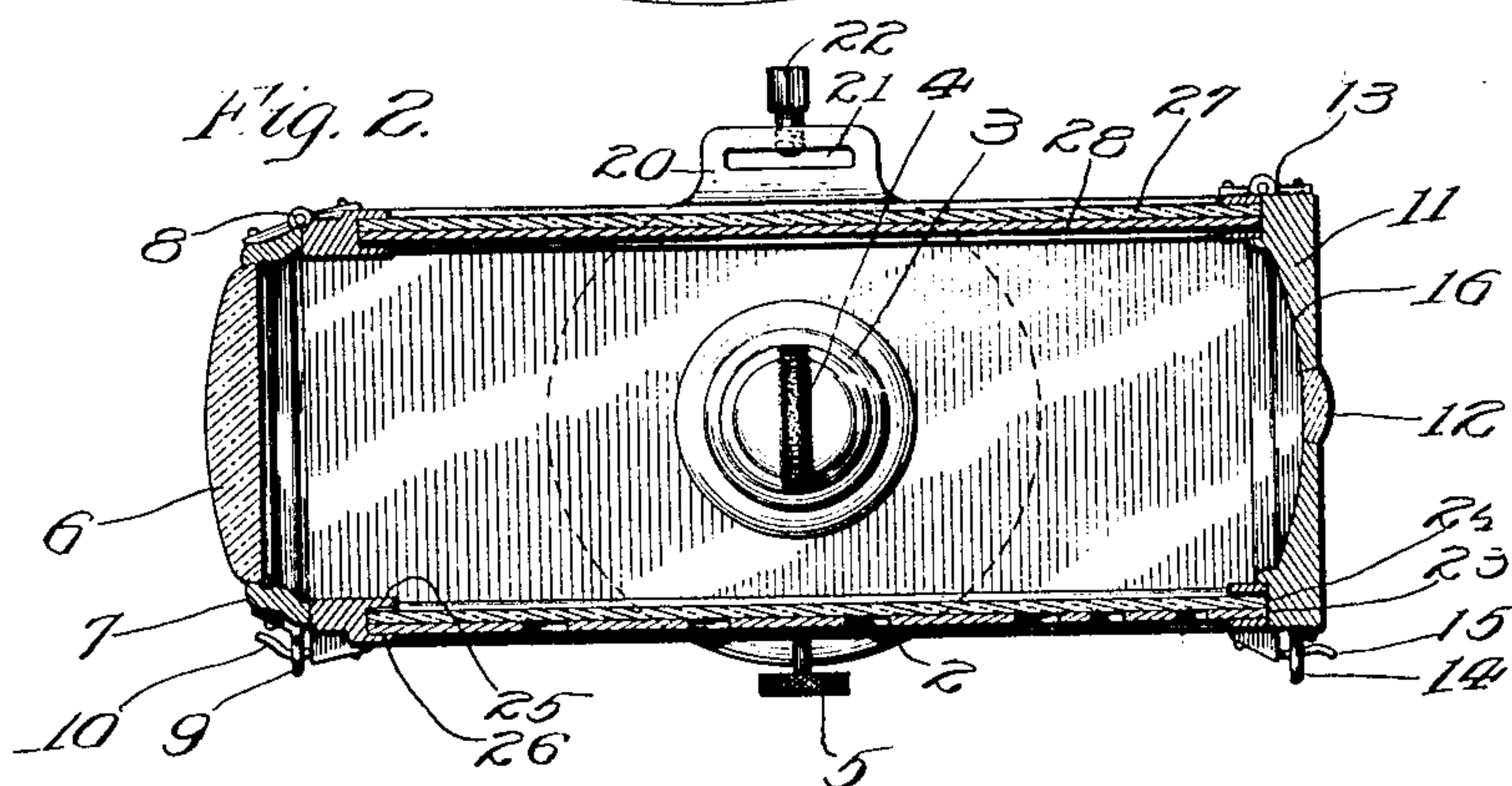
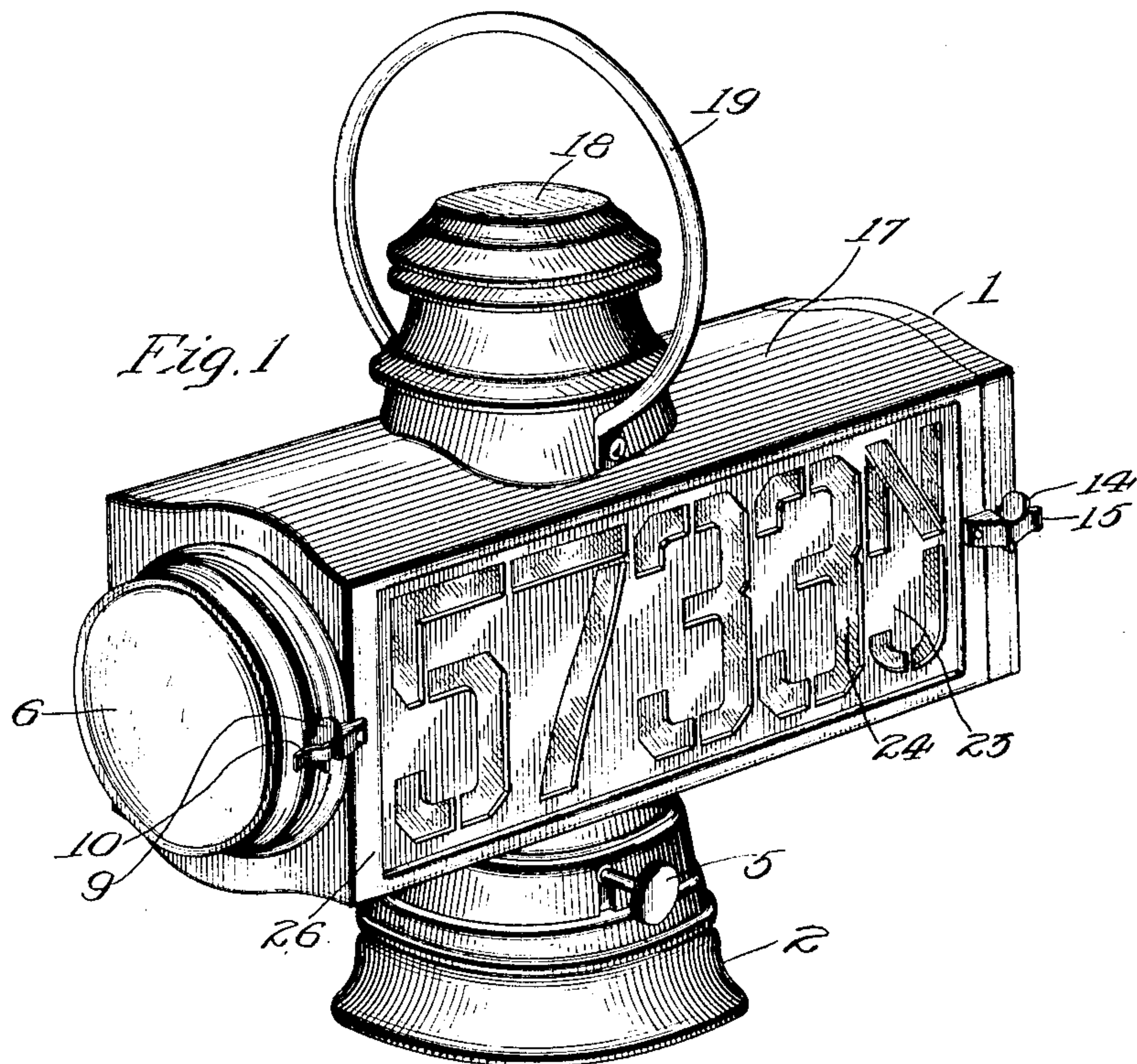
No. 882,146.

PATENTED MAR. 17, 1908.

H. E. FINE.

LAMP.

APPLICATION FILED MAR. 2, 1907.



INVENTOR

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WITNESSES

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# UNITED STATES PATENT OFFICE.

HORACE E. FINE, OF TRENTON, NEW JERSEY.

## LAMP.

No. 882,146.

Specification of Letters Patent.

Patented March 17, 1908.

Application filed March 2, 1907. Serial No. 360,143.

*To all whom it may concern:*

Be it known that I, HORACE E. FINE, a citizen of the United States, and a resident of the city of Trenton Mercer county, State of New Jersey, have invented certain new and useful Improvements in Lamps, of which the following is a full clear and complete disclosure.

This invention relates to improvements in lamps; and more particularly to improvements in lamps used upon automobiles.

One object of this invention is to provide a lamp that in addition to performing its ordinary functions of illuminating the road and displaying a suitable signal light to the rear, will also serve as a distinct marking device to show a license number or to give other desired information.

A further object is to so construct the lamp that it can almost instantly be made to throw ample light on the engine of the automobile when needed, at the same time maintaining its forward and rear lights.

A further object is to so design the lamp as to permit of convenient and complete accessibility thereto for cleaning its various parts.

Other objects will be understood as the invention is further explained.

In the accompanying drawings Figure 1 is a perspective of an automobile lamp constructed in accordance with this invention and Fig. 2 is a central horizontal section of the same.

As is clearly shown in the drawing the device consists of an oblong lamp frame or casing 1 having an oil font 2 depending from its lower side and a burner 3 projecting from the oil font and extending within the casing and carrying the usual wick 4, which is operated by the adjuster 5. The casing is provided at its front end with a bullseye 6, mounted in a suitable door 7 provided with a hinge 8 at one side thereof connecting the door to the lamp case and the catch 9 upon the other side engaged by a corresponding latch 10 connected to the casing. The opposite end of the case is provided with a similar door 11 containing a centrally located small red bullseye 12 forming a rear signal. This door 11 is connected by a hinge 13 at one side to the case and has a catch 14 engaging with the corresponding latch 15 of the case. The inner side of the rear door is formed into a parabolic reflector 16 to throw the light through the forward bullseye. The top of the casing is preferably arched and provided

with a central ventilating dome 18 over the burner to which is connected a suitable handle 19, and at one side of the casing is a lug 20 provided with an aperture 21 and a set screw 22 forming a clamp for securing the lamp in position. One side of the lamp is provided with a stencil 23 fitting over an opal glass 24, the stencil and glass being slidably supported over an opening in the casing by the flanges 25 and 26, and having their rear edges in contact with the rear door 11 of the lamp so that when the door is opened the stencil and glass may be withdrawn leaving the side of the casing open. Upon the side of the casing opposite the stencil, the lamp is provided with a transparent glass 27, equal in size to the opal glass, and within that a metallic reflector 28 having its reflecting surface turned inwardly so as to throw the light through the opal glass and the openings in the stencil. The outward surface of this reflector is suitably finished to harmonize with the exterior of the casing. This transparent glass and reflector are removable from the casing in a manner similar to that already described for the stencil and opal glass by opening the door and withdrawing them longitudinally. This arrangement permits of the withdrawal of the reflector to permit the light to pass through the transparent glass, the opal glass acting as a reflector or if desired to give a more complete reflection the opal glass may be withdrawn and the metallic reflector put in its place.

The lamp is ordinarily positioned upon an automobile near the side of the dash with the large bullseye facing the front and the number stencil facing outwardly, and in this position when the side reflector is withdrawn or reversed to face inwardly as described, the engine could be amply lighted and at the same time the forward head light would lose none of its brilliancy and the rear signal light would be fully maintained.

To comply with the laws requiring two white lights to be displayed upon an automobile so as to be seen from the front, one of these lamps would be placed upon each side of the automobile and the stencil and reflector would be arranged accordingly. The lamp could also be used as a rear light and to show the license number in the rear.

It is obvious that the lamp could be varied in form and in the details of its construction without departing from the spirit of this invention or the scope of its claims.



Having thus fully described my invention, what I claim and desire to protect by Letters Patent of the United States is:

1. In a lamp, a casing having glass in the front end, a reflector in the rear end, a removable glass side and a stencil in one side, and a glass and a removable reflector in the opposite side, said removable reflector and said removable glass being interchangeable.
2. In a lamp, a casing having one end hinged, a glass in one end, and a reflector in the opposite end, a glass and a removable reflector in one side, and a glass and a stencil in the opposite side, said side glasses, stencil and reflector being interchangeable, being held in position by said hinged end.
3. In a lamp a casing having a portion of one side formed of a piece of clear glass and an inwardly facing reflector, and a portion of the opposite side formed of a transparency, said reflector and transparency being interchangeable and a stencil adjacent one side of said lamp.
4. In a lamp a casing having a portion of one side formed of a piece of clear glass and an inwardly facing reflector, and a portion of the opposite side formed of opal glass and a stencil, said reflector and said opal glass being removable and said reflector adapted to fit in the space of said opal glass to reverse the light.
5. In a lamp a casing having one side formed of a glass and a reflector slidably mounted, and the opposite side formed of a glass and a stencil slidably mounted, and a hinged door retaining said glasses and reflector in position when the door is closed, the glass opposite the reflector being replaceable by the reflector to reverse the light.
6. In a lamp, a casing comprising opposite hinged ends, one of which being provided with a clear glass, and the other being provided with a colored glass, and having its inner surface formed into a reflector, and opposite sides, one of which is provided with a glass and a reflector slidably mounted, and the other being provided with a glass and a stencil slidably mounted, said glasses, stencil, and reflector being interchangeable and retained in position by one of said hinged ends.
7. In a lamp, a casing having an illuminative sign in one side thereof, a glass in the opposite side, a removable opaque cover over said glass and means adjacent said sign whereby said opaque cover when re-

moved from the glass may be held over the sign to permit the light to pass through said glass.

8. In a lamp, a casing having an illuminative sign in one side thereof, a glass in the opposite side, a removable inwardly facing reflector over and upon the inner side of said glass, and means adjacent said sign whereby said reflector when removed from the glass may be held over the sign to reflect the light through said glass.

9. In a lamp, a casing having a stencil and a removable glass covering said stencil constituting one side of said casing, a glass upon the opposite side of said casing and a removable reflector mounted over said opposite side to prevent light from passing therethrough, and to reflect said light through said stencil, said reflector being adapted when removed to take the place of the glass over said stencil to reflect the light through the opposite side of the lamp.

10. In a lamp, a casing having an illuminative sign in one side thereof, a glass in the opposite side, a removable reflector adjacent said glass to prevent the light from passing outwardly from the lamp through said glass, and to reflect the same through said sign, and means adjacent said sign whereby said reflector when removed from the glass may be held adjacent the sign to shut off the light therefrom and to reflect the light through said glass.

11. In a lamp, a casing, an illuminative sign slidably mounted in one side thereof, a glass and an inwardly facing reflector over said glass slidably mounted upon the other side thereof, a door retaining said sign and said reflector in position when the door is closed, and means adjacent the sign whereby said reflector when removed from the glass may be held over the sign to reflect the light through said glass.

12. In a lamp, a casing having an illuminative sign in one side thereof and a glass in the opposite side thereof, a removable cover adjacent said glass, and means adjacent said sign to hold said cover when the same is removed from its position adjacent said glass to permit the light to pass through said glass.

In witness whereof I have hereunto set my hand this 28th day of February, A. D. 1907.

HORACE E. FINE.

Witnesses:

JOHN H. CARR,  
FRED M. HAZZARD.