Feb. 2, 1926. 1,571,749

G. J. WOHLTMAN

DETACHABLE, STOP SIGNAL, PARKING, AND TROUBLE AUTOMOBILE LAMP

Filed Jan. 27, 1922

FIG. 1

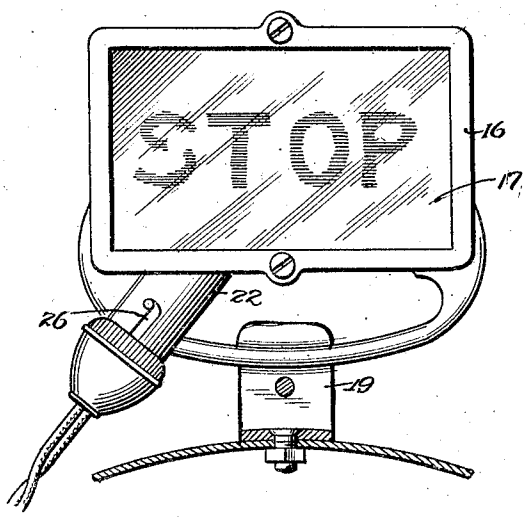


FIG. 3

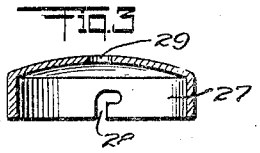


FIG. 2

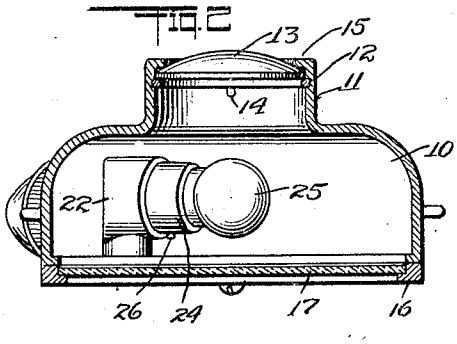
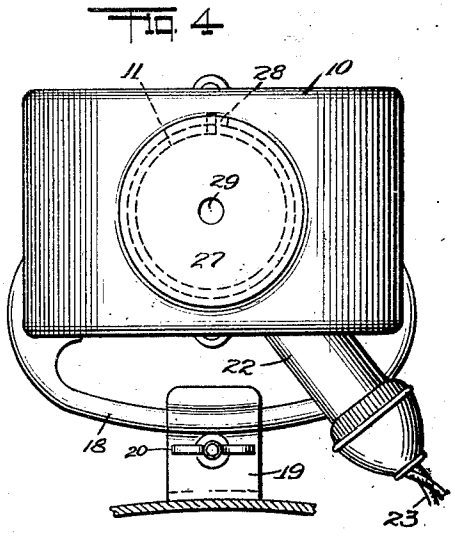


FIG. 4



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Patented Feb. 2, 1926. 1,571,749

UNITED STATES PATENT OFFICE.

GEORGE J. WOHLTMAN, OF NEWBURGH, NEW YORK.

DETACHABLE, STOP SIGNAL, PARKING, AND TROUBLE AUTOMOBILE LAMP.

Application filed January 27, 1922. Serial No. 532,244.

To all whom it may concern:

Be it known that I, GEORGE J. WOHLTMAN, a citizen of the United States, and a resident of Newburgh, in the county of Orange and State of New York, have invented certain new and useful Improvements in a Detachable, Stop Signal, Parking, and Trouble Automobile Lamp, of which the following is a full, clear, and exact description.

Among the principal objects which the present invention has in view are: to provide a lamp detachably mounted in service as a parking lamp, and as a rear end signal lamp, and as a trouble lamp; to provide simplified means for moving the lamp from point to point when employing the same as a trouble lamp; to simplify the means for placing the lamp in permanent service, and to provide means for hooding the forward light during permanent service; and to furnish a tell-tale whereby the operation of the lamp when employed as a stop signal or rear end signal, may be observed.

Drawings.

Figure 1 is a view in elevation of the lamp as seen from the rear of the car.

Figure 2 is a horizontal sectional view of the lamp illustrated in Fig. 1 showing the interior construction thereof.

Figure 3 is a detail view of a lens covering for the diffused light, the said cover being shown in section.

Figure 4 is a view in elevation of the lamp as viewed from the front of the car when the cover is in service.

Description.

As seen in the drawings, a lamp housing 10 is provided, the front thereof being formed at its center to provide a tubular extension 11 within which is maintained by a snap ring 12, the lens 13.

The ring 12 lies in a suitable groove formed in the interior wall of the extension 11 and is retained in position against the inner face of the lens 13 by a pin 14. An external flange 15 assists in holding the lens.

A frame 16 closes the rear of the lamp housing 10 and keeps in place a translucent glass or celluloid pane 17. The word "Stop" is moulded or otherwise formed in said pane and preferably of a very light reddish hue or in white.

A round rod handle 18 integral with the housing 10 is used in service to support the lamp. The said handle is held when in service as a signal or parking light, between clamping members 19, of usual construction. The clamps are maintained closed by a thumb-screw 20.

The clamping members are secured to the mud-guard 21 of an automobile by any suitable means such as a screw bolt, as illustrated.

In applying the clamp members 19 it is often necessary to dispose same on the mud guard in such position that the members will be inclined from the vertical. By reason of the rounded construction of the handle rod 18, the casing of the lamp may be tilted to compensate therefore, and transverse adjustment of the casing is permitted to allow for clearance of other appliances which may be on the mud guard.

Extended through the wall of the housing 10 is an electric light socket container 22 through which passes wires 23 to the lamp socket 24 which holds the usual lamp 25. The parts of the lamp fixture are held together by suitable bayonet joints 26.

When the lamp is to be used as a rear end signal lamp, the lens 13 may be covered by a cap 27 which fits over the extension 11 and is held by the outwardly protruding end of the pin 14 which enters the slot 28. A central opening 29 in the cap 27 permits a small ray of light to be seen, which serves as a tell-tale for the driver. This cover may be dispensed with when operating the car as the white light projected through the lens 13 serves to illuminate the forward parts of the automobile and thus "locate" the car for other drivers. It also serves as a signal to any traffic officer who may be on duty.

When the lamp is used as a parking lamp it is found advisable to remove the cover 27 if the same has been installed, thus letting the full volume of light from the lamp 25 show in a forwardly position. The "Stop" signal shown on the pane 17 at the rear will serve the purpose of the rear or ruby light usually employed. By thus using the one light 25 of slight capacity, a useful economy is effected to spare the storage battery with which the lighting system is connected.

When it is necessary to investigate any part of the car in search of a disorder, the lamp is removed from the clamps 19 and

can be carried by its handle 18, the wires 23 being long enough or added to, to allow such inspection.

From the foregoing it is obvious that the lamp serves the triple purpose as a rear end or "Stop" signal in traffic; as a parking lamp for use when the car is standing still; and as an inspection lamp.

The inside face of the glass 17 may be coated with a light reflecting substance except where the letters are formed, so that the light rays will be concentrated in the lens 13.

Claims.

1. A device of the character described comprising a lamp housing; a lamp within said housing; a handle formed on said housing and extending transversely thereof; and means for holding said handle in detachable relation with a portion of a vehicle, said means comprising a bracket member adapted to frictionally grip said handle in a manner to admit of transverse sliding adjustments of the housing and the handle with respect thereof.

2. A device of the character described, comprising a lamp housing having a lamp therein, a handle for said housing and extending transversely thereof at the lower side of the same, and a clamping bracket adapted to be mounted on a vehicle and to frictionally engage an intermediate portion of said handle whereby to admit of sliding adjustments of the housing and the handle with respect thereto.

3. A lamp of the character described adapted for mounting upon a vehicle part, which comprises, a lamp housing; a lamp holding member extending inwardly of said housing; a handle of a curved formation carried by the housing and disposed in spaced relation with respect to the lower side of the latter; and means frictionally engaging said handle whereby to mount said housing and the handle for transverse sliding movements and for forward and rearward tilting movements with respect thereto.

4. In a signal lamp for vehicles, a lamp housing having a lamp therein, a curved handle disposed transversely of said housing and secured thereto at its opposite ends, and a clamping bracket adapted to be secured in position on a vehicle and to frictionally engage the curved intermediate portion of said handle whereby to mount said housing and the handle for lateral adjustment thereon and for forward and rearward tilting movements with respect thereto.

5. In a lamp as described, a portable casing provided with a carrying handle, means for detachably mounting said casing on an automobile in signal position, said means comprising a clamp for engagement over said handle, a lateral extension on said casing forwardly of the automobile, a lamp in said casing and means for extensible connection of said lamp with a distant source of current, a lens in said extension, and a peep-hole apertured cover detachably mounted on said extension over the lens, the peep-hole when positioned serving as a telltale for the lamp.

GEORGE J. WOHLTMAN.