

June 5, 1928.

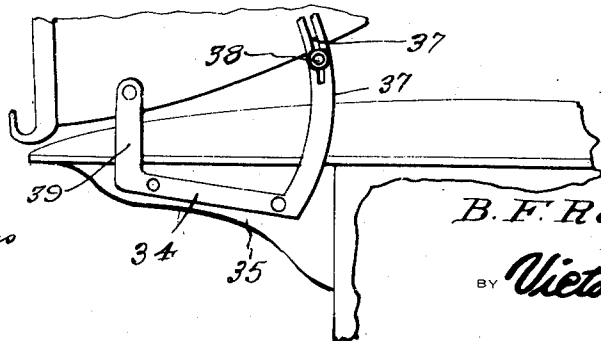
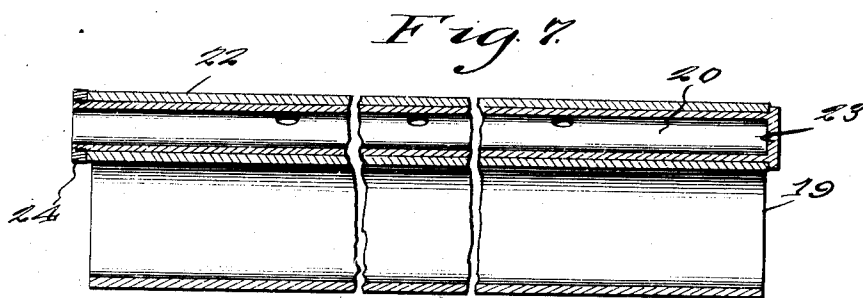
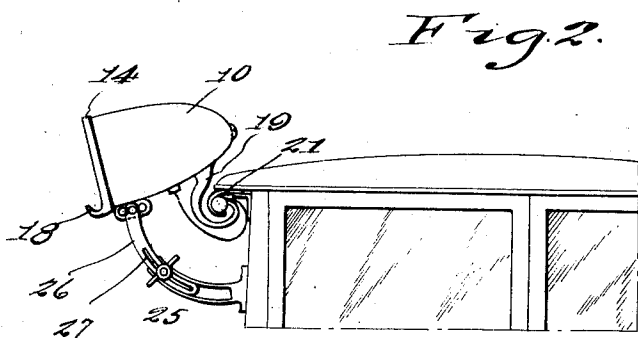
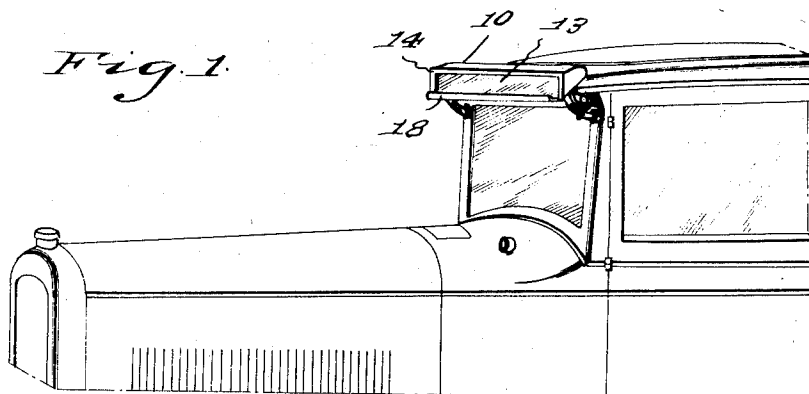
1,672,779

B. F. RAIDT

VISOR LIGHT

Filed Nov. 3, 1926

2 Sheets-Sheet 1



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2 Sheets-Sheet 2

Fig. 3.

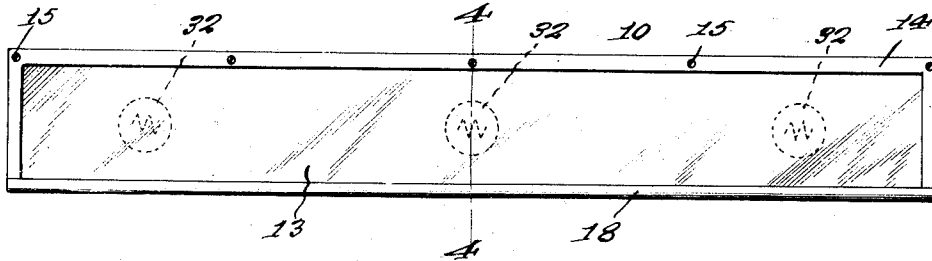


Fig. 4.

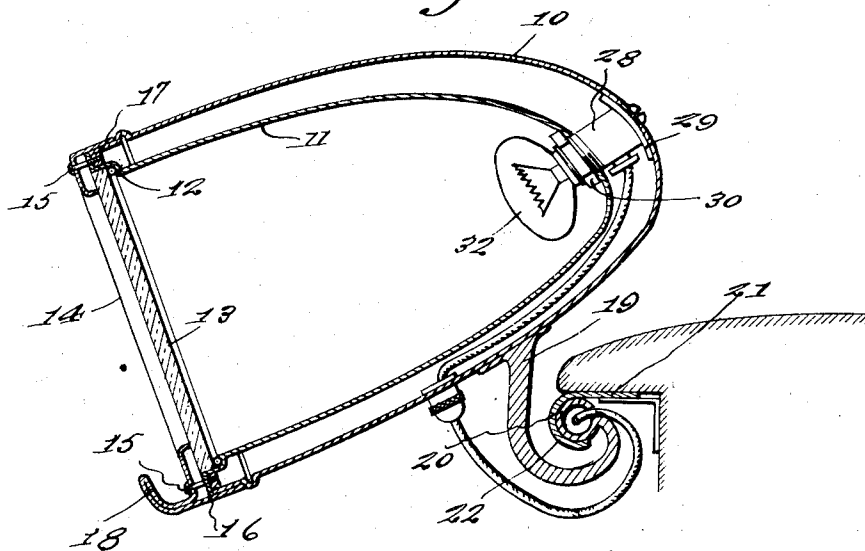


Fig. 6.

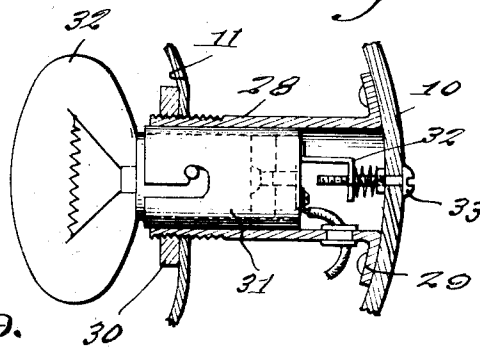


Fig. 5.

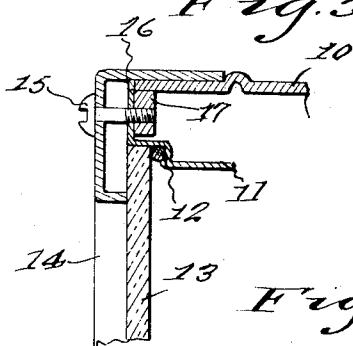
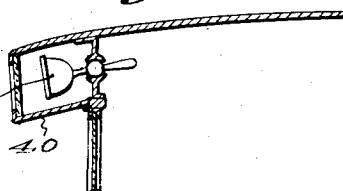


Fig. 9.



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VISOR LIGHT.

Application filed November 3, 1926. Serial No. 148,040.

This invention relates to illumination devices of a type particularly applicable for use upon motor vehicles which combines the results of a non-glare light and sun visor therefor.

The invention embodies among other characteristics a swinging support to permit focusing of the light and adjustment as to the visor formed thereby.

More specifically stated the illuminating elements are carried by adjusting members to facilitate the focusing thereof.

With the above and other objects in view, the invention further consists in the following novel features and details of construction to be hereinafter more fully described, illustrated in the accompanying drawings and pointed out in the appended claims.

In the drawing:

Figure 1 is a fragmentary perspective of a motor vehicle with the invention applied for use thereon.

Figure 2 is a side elevation of the invention, as applied.

Figure 3 is a front elevation of the invention.

Figure 4 is a transverse section thereof.

Figure 5 is a detail sectional view illustrating the relative association of the reflector and lens member.

Figure 6 is a longitudinal section taken through the adjusting member.

Figure 7 is a longitudinal sectional view taken through the swinging support.

Figure 8 is a fragmentary side elevation of a modified form of supporting apparatus.

Figure 9 is a sectional view of a modified form of the invention.

Referring to the drawing in detail, wherein like characters of reference denote corresponding parts, the reference character 10 indicates an elongated lamp casing which from the side elevation in Figure 2 of the drawing is preferably parabolic in contour.

A reflector 11 of similar configuration is carried within said casing. The periphery of said reflector provides an annular seat 12 upon which is supported a lens 13 retained thereon by a lens rim 14 having fastening elements 15 disposed at spaced intervals thereon and projecting through an outstanding annular flange 16 provided upon the outer surface of said reflector and connected with nut members 17 arranged upon the in-

ner faces thereof. An upwardly disposed or projecting portion 18 is formed upon the lower edge of said lens rim 14 and adapted to form a gutter or drain for rain and water directed upon said lens member 13 and to carry said water off to the sides of the vehicle thereby relieving the constant wiping of the vehicle windshield.

Arms 19 are carried upon the under sides of said lamp casing 19 and converge rearwardly and forwardly, terminating in a cylindrical portion 20 of a length equal to that of said lamp casing. A supporting plate, in the instance of applying the invention upon the closed type of vehicle, is employed, as indicated at 21, and secured upon the underside of the top therefor immediately in advance of the windshield. Said supporting plate has its forward free edge reversely bent upon itself to provide a bracket within which the cylindrical portion 20 is received. Said cylindrical portion 20 provides a head 23 upon one end abutting the adjacent side edges of said reversely curved portion 22 of the supporting plate 21, while the opposite end of said cylindrical portion 20 is tapped and carries thereon a retaining element 24 which is adapted to abut the opposed side edge of the reversely bent portion 22 and to restrict lateral sliding movement of said cylindrical portion 20.

Adjusting arms 25 carried upon the forward side of the corner post of the vehicle body lie flush with arms 26 depending from the casing; the latter including elongated slots 27.

The illuminating means for the casing embodies tubular members 28 providing annular flange portions 29 upon the inner periphery thereof for attachment with the inner sides of the said lamp casing while the remaining ends thereof are projected through said reflector 11. Jam-nuts 30 are carried upon the forward ends of said tubular members to retain and sustain said reflector in position. A sleeve member 31 adapted for longitudinal sliding movement within said tubular members 28 provide bayonet slot connection in their forward ends to support and carry lamp bulbs 32 thereon.

The sleeve member 31 carries upon the inner end thereof an angle plate 32 receiving an adjusting screw 33, carried by the

lamp casing 10, within the offset portion thereof whereby said lamp bulbs 32 may be focused within the reflector 11.

In open model vehicles the supporting plate 21 may be carried upon the upper rail of the uppermost section of the windshield.

In Figure 8 of the drawings I have illustrated a modified form of adjusting arms for the identical form of lamp casing 10. As illustrated the particular form of supporting and adjusting arms 34 are of U-shaped configuration and carried upon brace members 35 supporting the extended portion, or sun visor, of a vehicle top. The innermost arms 36 of the members 35 are curved and extended for greater distances than that of the forward arms and which terminate to provide slotted portions 37 and curved after the manner of the aforementioned arms. Fastening means 38 are carried adjacent the ends of the casing 10 and projected within the slotted portions. The forward arms 39 are pivotally connected with the casing to permit of swinging adjustment to the lamp casing.

As a further accomplishment and derivative of the invention, as illustrated in Figure 9 of the drawings, it is my intention to utilize the projecting portion of the top as the upper portion of a closure along with brace members, not shown. A bottom wall 40 completes the enclosure. A plurality of lamps 41 has the handle portion thereof mounted within a ball and socket connection in the rear wall of the enclosure or lamp compartment to facilitate focusing of the lamp independently of the enclosure.

The invention is susceptible of various changes in its form, proportions and minor details of construction, and the right is herein reserved to make such changes as properly fall within the scope of the appended claims.

Having thus described my invention, what is claimed is:

1. A vehicle light comprising a casing having a reflector disposed laterally the approximate width thereof, an attaching plate carried by the vehicle providing a forwardly and rearwardly converging portion, and attaching arms carried upon the underside of the lamp casing and terminating in a single cylindrical end portion positioned within the enclosure defined by the forwardly and rearwardly curved portion of the attaching plate to provide a swinging support for said casing.

2. A vehicle light comprising a casing having a reflector disposed laterally the approximate width thereof, arms carried by and projected from the casing, a cylindrical portion establishing connection between said arms, a supporting plate carried by the vehicle, and the forward edge of the supporting plate being reversely bent upon itself to provide a pocket within which the cylindrical portion may be received and to provide a hinged mounting for the casing.

3. A vehicle light comprising a casing having a reflector disposed laterally the approximate width thereof, arms carried by and projected from the casing, a cylindrical portion establishing connection between said arms, a supporting plate carried by the vehicle, the forward edge of the supporting plate being reversely bent upon itself to provide a pocket within which the cylindrical portion may be received and to provide a hinged mounting for the casing, and means carried at the ends of said cylindrical portion being adapted to abut the side edges of the reversely bent portion of the supporting plate to prevent lateral shifting movement thereof.

In testimony whereof I affix my signature.
BYRON FREDERICK RAIDT.