W. G. MILLER & J. W. VANDERVEER.

DISPLAY ATTACHMENT FOR RADIATOR NOZZLES.

APPLICATION FILED OCT. 3, 1916.

1,246,978. Patented Nov. 20, 1917

Fig. 1.

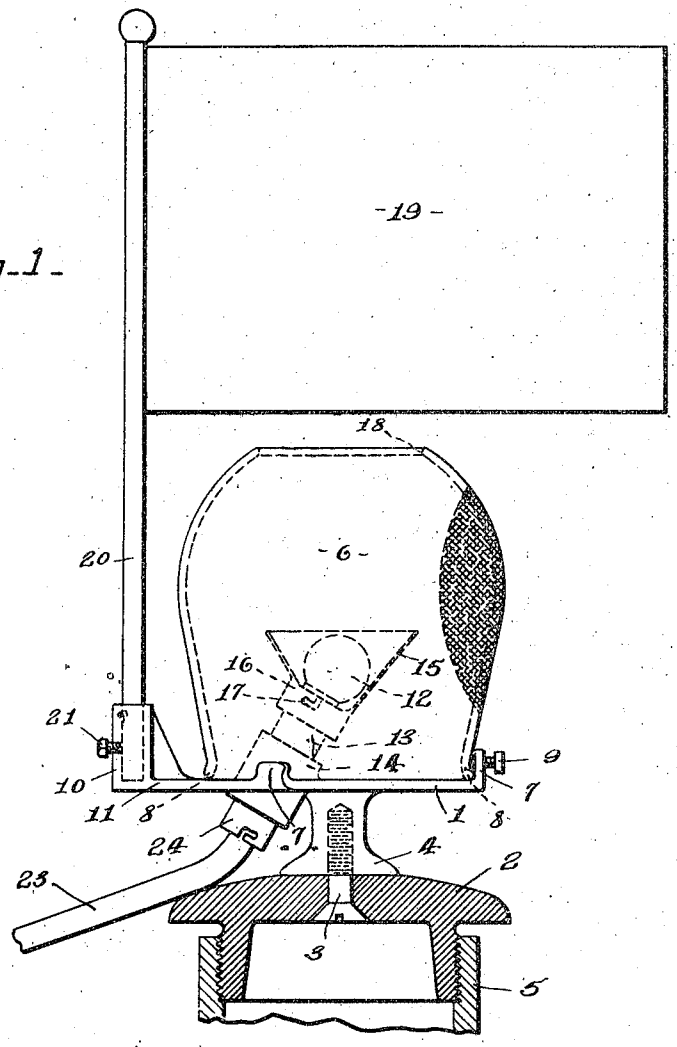
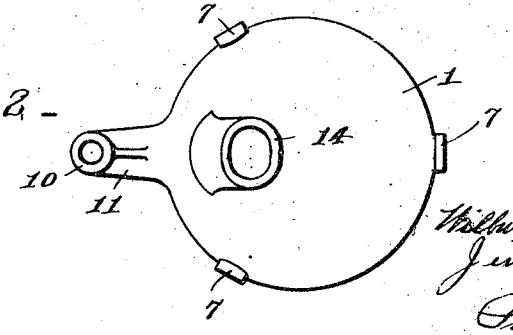


Fig. 2.



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UNITED STATES PATENT OFFICE.

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DISPLAY ATTACHMENT FOR RADIATOR-NOZZLES.

1,246,978. Specification of Letters Patent. Patented Nov. 20, 1917.

Application filed October 3, 1916. Serial No. 123,604.

To all whom it may concern:

Be it known that we, WILBUR G. MILLER and JEWELL W. VANDERVEER, citizens of the United States, and residents of, respectively, Syracuse and Liverpool, in the county of Onondaga and State of New York, have invented a certain new and useful Display Attachment for Radiator-Nozzles, of which the following is a specification.

This invention has for its object a display attachment especially applicable for the filling nozzles of automobile radiators, by means of which a lamp or a flag, or both, or other display devices can be readily attached to the radiator; and the invention consists in the novel features, and in the combinations and constructions, hereinafter set forth and claimed.

In describing this invention, reference is had to the accompanying drawings in which like characters designate corresponding parts in all the views.

Figure 1 is an elevation, partly in section of this attachment, the contiguous part of a radiator being also shown.

Fig. 2 is a plan view of the bracket of my attachment.

This attachment comprises, generally, a base having means associated therewith for securement to the nozzle of the radiator, and including a bracket having a lamp holder, a globe holder or support, and a flag stick holder or support, and means for illuminating the globe and the flag. Some of said elements may however, be omitted if desired.

The base includes a radiator cap 2 to which the bracket 1 is secured in any suitable manner, as by a screw 3, threading through the top of the cap 2 and into a stem or pedestal depending from the bracket 1, and having a foot 4 overlying the top face of the cap. Although the bracket may, if desired be provided with means attachable directly to the nozzle 5 of the radiator.

6 designates the globe. The means on the bracket for holding the globe, may be of any suitable construction, and as here shown, includes lugs or shoulders 7 arranged to receive an outturned bead or lip 8 at the lower end of the globe, two of these lugs 7 being arranged to clench over the bead 8 and the third lug having movable clamping means as a screw 9.

The flag stick holder or support includes a vertical socket 10, preferably arranged outside of the globe in front of the same, it being here shown as carried by an arm 11 projecting radially from the circular portion of the bracket on which the globe rests.

The means for illuminating the globe and the flag, in this embodiment of my invention, includes a single electric lamp 12 having its socket 13 extending through an inclined lamp holder 14 at one side of the center of the body of the bracket, and arranged so that the lamp 12 is located in the central axis of the globe. A suitable reflector 15 encircles the lamp and is provided with a hub or collar 16 detachably mounted on the lamp socket 13 and secured thereto in any suitable manner, as by a bayonet joint 17.

The reflector is arranged to throw most of the light upwardly against the upper portion of the globe, and out through an opening 18 in the top of the globe, the light passing through the opening 18, flooding the flag 19, which is carried by a stick 20, the lower end of which is fitted into the socket 10 and held therein by a set screw 21.

The curent for the lamp 12 may be supplied from the lighting system of the motor vehicle, and is served to the lamp by conductors within a cord 23 provided with a suitable plug 24 at one end insertible in the guide or holder 14 and having terminals for engagement with the terminals of the lamp socket 13. This plug 24 may be detachably held in position in any suitable manner, as by a bayonet joint.

The rear face of the globe toward the driver of the vehicle is preferably darkened. The globe may have on its surface any desirable display matter, lettering or advertising matter as the names of cities, societies, etc.

In use, this attachment can be readily applied to the nozzle and removed therefrom when necessary to open the engine hood, or to fill the radiator, and when the lamp is illuminated the rays of light therefrom illuminate the globe and make conspicuous the display matter thereon, and also flood the flag through the open top of the globe.

What we claim is:

1. A display device comprising a base having a lamp support, a globe holder, a reflector arranged to direct the rays of light upwardly, a globe held by the globe holder, the base being also formed with means for carrying a flag in position to receive light

directed upwardly from the globe, substantially as and for the purpose described.

2. A display device comprising a base having a lamp support, a lamp held by the support, means for directing the rays of light upwardly, and an upwardly extending socket located near the lamp for receiving a flag stick and holding the flag in position to be flooded from the light of the lamp, substantially as and for the purpose set forth.

3. A display device comprising a base having a lamp support, a lamp held by the support, means for directing the rays of light upwardly, an upwardly extending socket located near the lamp for receiving a flag stick and holding the flag in position to be flooded from the light of the lamp, a globe around the lamp and a globe holder supported by the base, substantially as and for the purpose described.

4. A display device comprising a base having a lamp support, a globe holder, a reflector arranged to direct the rays from the lamp upwardly, a globe held by the globe holder and formed with an opening in its top, the base being also formed with means for carrying a flag above the globe in position to receive light directed through said opening, substantially as and for the purpose described.

5. A display attachment for the filling nozzles of automobile radiators, comprising a bracket having means for attachment to the nozzle, a lamp support, a globe for the lamp in said support, means for holding the globe, a reflector for directing the rays of the lamp upwardly, the bracket being also formed with means for carrying a flag above the globe in position to be flooded by light directed upwardly by the reflector, substantially as and for the purpose described.

In testimony whereof, we have hereunto signed our names, at Syracuse, in the county of Onondaga, and State of New York, this 27th day of September, 1916.

WILBUR G. MILLER.
JEWELL W. VANDERVEER.