

Sept. 25, 1928.

1,685,449

D. H. DURAND

TRAFFIC BUTTON OR SIGNAL

Filed Sept. 8, 1927

Fig. 1.

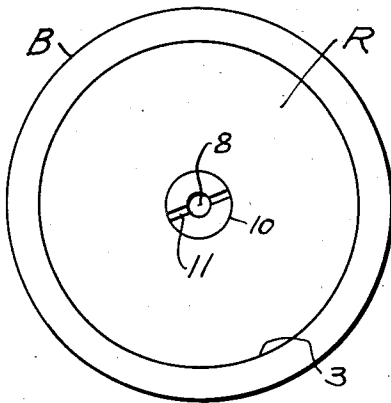


Fig. 3.

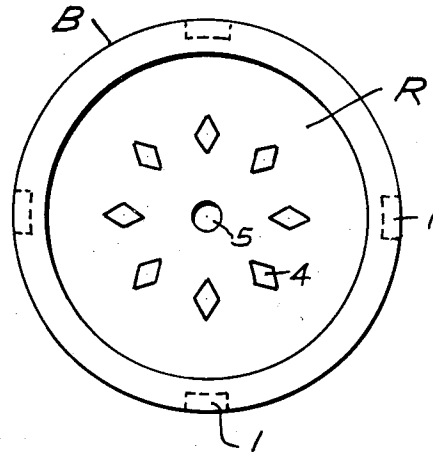


Fig. 2.

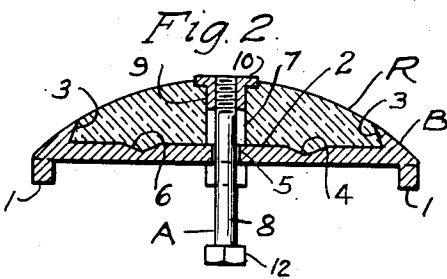


Fig. 4.

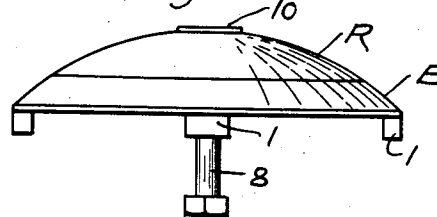


Fig. 5.

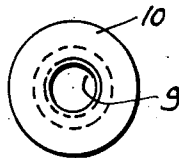
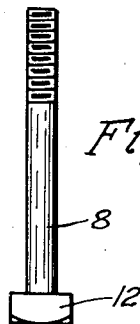


Fig. 6.



Fig. 7.



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TRAFFIC BUTTON OR SIGNAL.

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This invention relates to a traffic button or signal and it is an object of the invention to provide a device of this kind adapted to be positioned upon or adjacent the roadway to indicate the possibility of danger to an approaching auto and whereby general traffic may be safely guided.

It is also an object of the invention to provide a device of this kind provided with a translucent member which will provide a reflected light resulting from the rays thrown thereon from the headlights of an approaching automobile or other source and which may be readily applied or installed without interference to traffic.

The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved traffic button or signal whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawing, wherein:—

Figure 1 is a view in top plan of a traffic button or signal constructed in accordance with an embodiment of my invention;

Figure 2 is a sectional view taken radially through Figure 1 with certain of the parts in elevation;

Figure 3 is a view in top plan of the base of the button or signal;

Figure 4 is a view in side elevation of the device as herein disclosed;

Figure 5 is a view in top plan of the holding member or nut as herein employed;

Figure 6 is a sectional view taken radially through Figure 5;

Figure 7 is a view in elevation of the anchor bolt as herein employed unapplied.

As disclosed in the accompanying drawing, B denotes a base member preferably of cast metal and which, as herein disclosed, is cylindrical in form and provided at its periphery with circumferentially spaced depending anchor lugs 1 which, when the base member is set in position, provide effective means to prevent said base member B from turning or getting out of place.

The top face of the base member B is pro-

vided with a relatively large pocket or depression 2 defined by an upstanding shoulder 3 herein disclosed as concentric to the periphery of the base member B. The bottom of the pocket or depression 2 has extending upwardly therefrom and preferably integral therewith an annular series of recesses 4 concentric to a central opening 5 disposed through the member B. Each of the recesses 4, as herein disclosed, substantiates a diamond shaped prism.

A reflector R of colored glass or other translucent material snugly seats within the pocket or depression 2 with its periphery in close contact with the shoulder 3, the bottom surface of the reflector R being provided with the lugs 6 which are snugly received within the recesses 4 hereinbefore referred to.

The central portion of the reflector R is also provided therethrough with an opening 7 and directed through the openings 5 and 7 from below is an anchor bolt A, the upper end portion of which being threaded within a sleeve 9 defined at its outer end with an outstanding flange 10 having contact from above with the central portion of the applied reflector R.

The outer end of the sleeve 9 and flange 10 have disposed thereacross a groove 11 in which is adapted to be engaged a screw-driver or other desired implement to effect the requisite turning thereof in setting the button or signal in position or as otherwise may be required.

The bolt A is adapted to have its lower portion firmly fixed or embedded within the roadway, its maintenance in desired position being facilitated by the head 12 at the lower end of the bolt A.

The upper or outer face of the reflector R is convexed with the upper or outer face of the marginal portion of the base member B in continuity therewith.

With my improved button or signal in applied position no artificial lighting means is required other than that provided by the headlights of approaching automobiles or other source, and it is to be particularly noted that the reflector R can be readily removed with the base member B as a unit without disturbing the anchor bolt A.

It will also be readily understood that my improved traffic button or signal will offer no hindrance or obstruction to traffic but will tend to provide an effective guide for traffic. The projection of the applied button or sig-

nal above the ground or road surface being mushroom in form will not injure automobile wheels coming in contact therewith.

It is also to be understood that the recesses 5 4 and particularly the lugs 6 serve to further increase the reflected light.

From the foregoing description it is thought to be obvious that a traffic button or signal constructed in accordance with my invention is particularly well adapted for use 10 by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my invention is susceptible of some change and modification 15 without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the

several parts herein shown in carrying out my invention in practice except as herein- 20 after claimed.

I claim:—

A traffic button comprising a base member provided with depending lugs, means for anchoring the base member in applied position, 25 and a reflector mounted upon the base member, said anchoring means coacting with the reflector to hold the reflector in applied position upon the base member, opposed faces of the reflector and base member having inter- 30 fitting lugs and recesses, each substantially prism form.

In testimony whereof I hereunto affix my signature.

DAVID H. DURAND.