

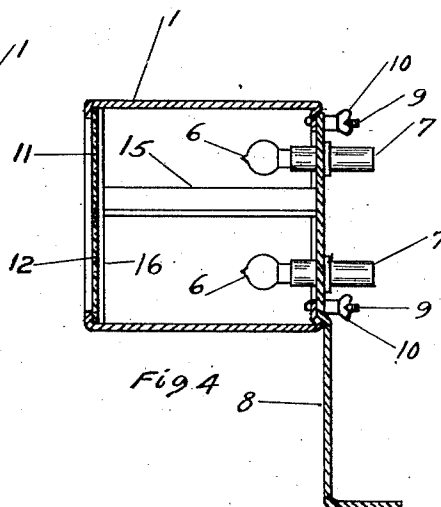
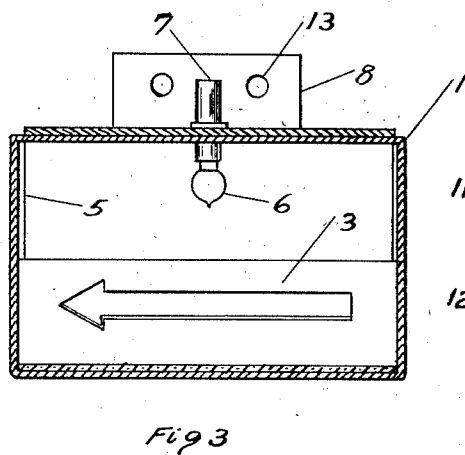
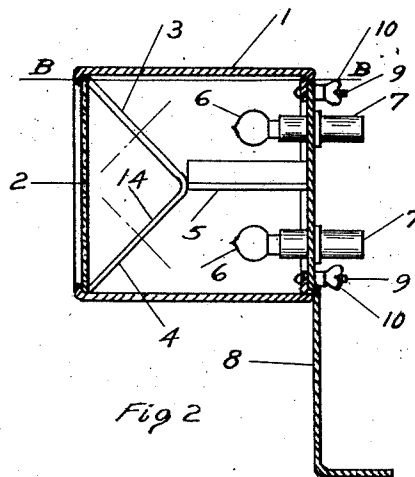
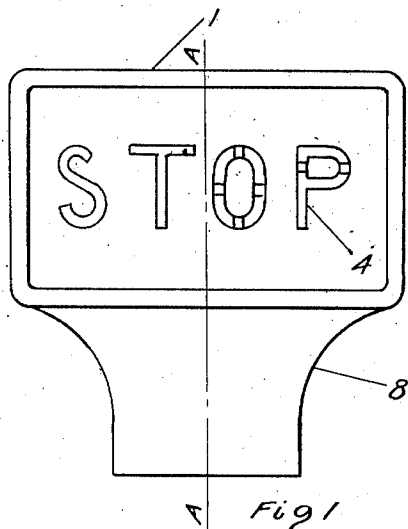
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COMBINED AUTOMOBILE STOP SIGNAL AND DIRECTION SIGNAL

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COMBINED AUTOMOBILE STOP SIGNAL AND DIRECTION SIGNAL.

Application filed September 23, 1924. Serial No. 739,389.

My invention relates to an improvement in automobile traffic signals, and more particularly to a combined visual stop and direction signal for motor vehicles of all classes and descriptions.

The principal object of the invention is to provide for a signal light of the class described and to combine a stop signal and direction signal in one housing.

Another object of the invention is to provide for a combined stop and direction signal of the class described embodying a simple and effective means of projecting either a stop signal or direction signal in the same plane from one housing.

Other features and the manner of accomplishing these objects will more fully appear in the following specification and drawings.

Referring to the drawings, in which like numerals indicate like parts, Figure 1 is a front elevation view of the traffic signal with the word "Stop" projected on the face. Figure 2 is a vertical section taken on the line A—A of Figure 1. Figure 3 is a sectional plan view of Figure 1 taken on the line B—B of Figure 2. Figure 4 is a vertical section taken on the line A—A of Figure 1 showing another means of projecting the stop and direction signal.

Referring to the drawings, 1 represents a housing having an opening in the front portion. The back of the housing is also open and is swedged over entirely around the perimeter to provide means to secure the locking studs 9 and the support 8.

The support 8, which also serves as a cover for the rear end of the housing and a support for the lamps 6, is secured to the housing by means of the studs 9 and the wing nuts 10, and the said support is provided with holes 13 so that it may be fastened to some convenient part of the automobile. The support 8 is also provided with the sockets 7 to hold the lamps 6.

The front end of the housing is turned over to provide means to support the panels 2—11—12. The panels 2—11 and 12 consist of clear glass and are covered on the inside with paper of any desired color. It has been found in actual practice that very satisfactory results are obtained by covering the inside of the panels with colored paper or similar substance; which results can not be obtained by using ordinary col-

ored glass as the intensity of the light from the lamps is diffused over the entire face of the panels, when clear glass is used.

It will be observed in Figure 2 that a partition 14, which consists of an angular piece and holds the glass panel 2 in position and in turn the partition 14 is held in position by the brace 5. The upper part of the partition is provided with an arrow shaped opening 3 which opening is shown in detail in Figure 3. The lower part of the partition is provided with the word "Stop" 4 which is stenciled on the partition.

By using an angular partition 14, which is divided into an upper and lower portion by means of a brace 5 which extends across the inside of the housing, it is possible to project the traffic arrow and the "stop" signal in the same plane on the panel 2 and reduce the size of the housing to a minimum.

The arrow indicia 3 and the "stop" indicia are specially designed and located on the partition 14 so as to project the said indicia undistorted on the center of the translucent plate 2.

Figure 4 is another means of operating my traffic signal on the same general principles by having the panels 11 and 12 in two sections which may be of different colors, and a similar projector 16 which is placed parallel with the panels 11 and 12, and the said panels and partition held in position by means of the brace 15.

By referring to Figures 2 and 4 it will be seen that the braces 5 and 15 extend across the inside of the housing and divide the housing into two separate and distinct compartments so that each compartment may be used independent of the other.

Having thus described my invention, what I claim, and desire to secure by Letters Patent, is:

1. A combined automobile stop signal and direction signal comprising a housing, a translucent plate secured in one side of said housing, a plurality of contiguous partitions of opaque material, provided with openings forming indicia, said contiguous partitions angularly disposed to said translucent plate in spaced relation thereto and extending in a direction parallel therewith, a brace forming a partition approximately at right angles to said translucent plate and extending from the junctions of the said first partitions to the side of the housing

opposite to said translucent plate, forming together with said first partitions, a plurality of chambers within said housing, a source of light within each of those of the said chambers which extends from the side of the housing opposite to said translucent plate, a cover for the side of said housing opposite to said translucent plate, means to secure said cover to said housing, said cover to provide means to fasten the said housing to an automobile.

2. A combined automobile stop signal and direction signal comprising a housing, a translucent plate secured in one side of said housing, a Y shaped partition bearing against a brace forming a partition dividing the said housing into three chambers extending longitudinally in a direction parallel to said translucent plate, the two branches of the Y shaped partition having openings stenciled therein forming indicia, a source of light within each of those two of the said chambers most remote from said translucent plate and in spaced relation to said partition, a cover for the side of said housing opposite to said translucent plate,

means to secure said cover to said housing, said cover to provide means to fasten the said housing to an automobile.

3. A combined automobile stop signal and direction signal comprising a housing, a translucent plate in one side of said housing bearing against a shoulder formed therein, a cover over the side of said housing opposite said translucent plate, means to secure said cover to said housing, said cover to provide means to fasten the said housing to an automobile, a partition concave to said translucent plate extending longitudinally throughout the length of said housing, and provided with openings forming indicia, its extreme longitudinal edges bearing against the longitudinal edges of the said translucent plate, a brace forming a partition, said partition bearing against the said cover near the center thereof, a source of light in each of the chambers formed within said housing between said partition and said cover.

In witness whereof I have hereunto affixed my signature.

JOHN J. COSTELLO.