May 8, 1951 C. D. EAVES 2,551,831

RAILWAY SIGNAL

Filed May 24, 1946

Fig. 1.

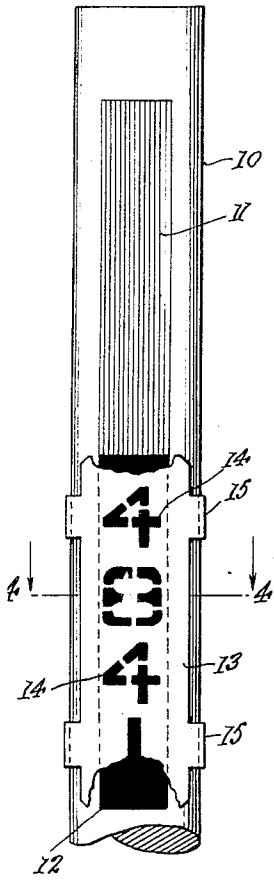


Fig. 2.

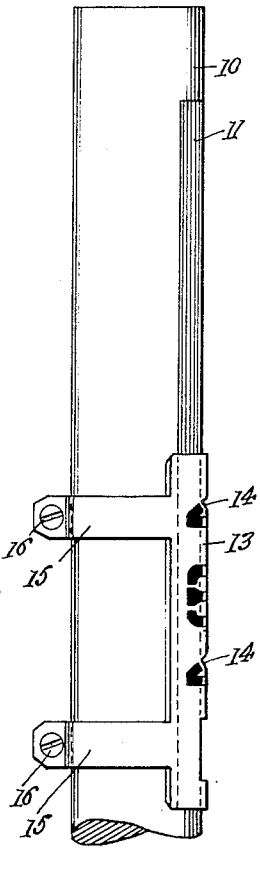


Fig. 3.

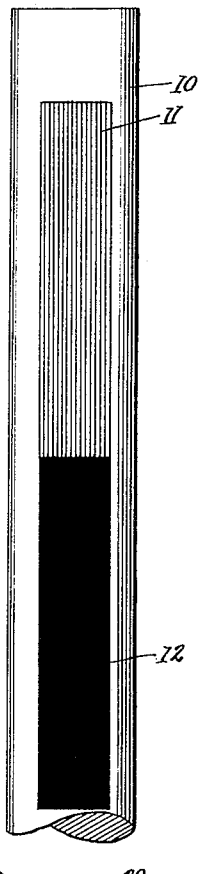


Fig. 4.

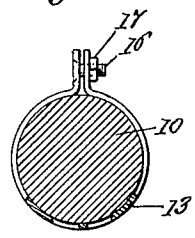
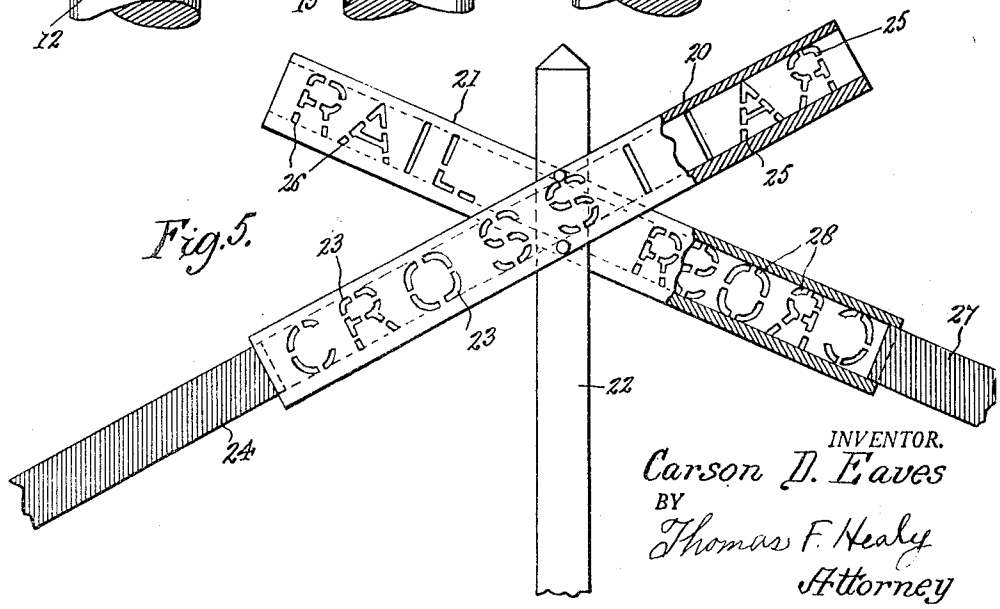


Fig. 5.



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RAILWAY SIGNAL

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1 Claim. (Cl. 40—125)

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The present invention relates to a sign, and more particularly to a railway signal for use in designating warnings, such as at a railroad crossing.

The primary object of the invention is to provide a signal having a face plate with cut away portions indicating a signal, in combination with a back plate of a color contrasting to the color of the face plate to form a solid background for the cut away portions of said face plate.

Another object is the provision of a signal with a stencilled face plate and a back plate associated therewith, so designed and constructed that the signal stands out and does not become illegible by reason of exposure to weather, and the back plate can be easily disassociated from the face plate for cleaning or painting.

Still another object is to provide a railway signal comprising a hollow face plate and a multi-colored back plate of colors contrasting to the color of the face plate.

Other objects and advantages of this invention will be apparent from the following description thereof and from the claim appended thereto.

In the drawing, wherein like numerals refer to like or corresponding parts throughout the several views;

Figure 1 is a front elevation of my signal assembly embodying the features of this invention,

Figure 2 is a side elevation of the view of Figure 1,

Figure 3 is a front elevation of the two-toned back plate,

Figure 4 is a view taken along the line 4—4 of Figure 1, in the direction of the arrows, and

Figure 5 is a front elevation with parts broken away of a modified form of my invention.

Referring now to the drawing and more particularly to Figures 1, 2, 3, and 4, the numeral 10, generally represents a cylindrical pole or back plate, made of any desirable material, such as metal or wood. The back plate 10, has a painted area 11, which may be of any desired color, such as red. In vertical alignment with the painted area 11, is a second painted area 12, which adjoins painted area 11, and may be any desired color, such as black. A face plate 13, having cut-out portions 14, is secured to the pole or back plate 10, by means of bands 15, which encircle the pole 10, and are secured together by means of a screw 16, and a locknut 17.

The face plate 13, may be moved vertically on the pole 10, so that the cut away portions 14, shown as numerals, may have either a red background or a black background, as desired. The face plate 13, is painted a color which is different from the color of the painted areas 11 and 12. It is preferred that the face plate be of white enamel or coated with an aluminum paint.

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If desired, in order to make the face plate stand out more distinctly with reference to the cut away portions 14, some of the said cut away portions may have a solid background of one color, such as red, while the remaining cut away portions have a different background color, such as black.

When it is desired to remove the face plate 13, from the pole 10, the nut 17, is disengaged from the screw 16, and the flexible bands 15, permit the easy removal of said face plate 13. The face plate 13, can thus be conveniently cleaned and repainted. If it is only desired to paint the area 11, for example, the face plate 13, need not be removed from the pole 10. If the painted area 12, needs repainting, the face plate 13, can be moved vertically to a position overlying the painted area 11.

In Figure 5, I show a pair of criss-cross warning signals 20 and 21, which are secured together intermediate the ends thereof, and attached to a pole 22.

The cross face plate 20, is provided with cut-out portions 23, on the front side thereof, which spell out a word, which is a part of a warning signal. The said face plate 20, is hollow by construction and is adapted to receive therein an insert back plate 24, which engages within the face plate 20, throughout its length. On the opposite side of the face plate 20, there are provided cut away portions 25, which spell out a word which completes the warning signal. For example, on one side of the face plate 20, the word "Crossing" appears, while on the opposite side of the face plate 20, the work "Railroad" appears. Together the words spell "Railroad Crossing," a warning signal.

It is preferred that the face plate 20, be of white enamel or be painted with aluminum paint to make it stand out. The back plate 24, is preferably painted with a black enamel paint throughout its length, but, if desired, part of said back plate 24, may be painted in one color while the remaining portion may be painted in a different color, with both of said colors being different from the color of the face plate 20. Likewise, one side of the back plate 24, may be painted one color, for example, black, while the other side thereof, may be painted a different color, for example, red.

The face plate 21, is similar in construction to the face plate 20, and is provided with cutaway portions 26, which together spell a word, which supplements the word on the same side of the face plate 20, so that the two words together spell out a signal warning. The cut-out portions in the plate 21, spell "Railroad," while the cut-out portions in corresponding side of the face plate 20, spell "Crossing."

The face plate 21, is hollow in construction and is adapted to receive for sliding engagement therein a back plate 27, which engages in the face plate 21, throughout its length. The back plate 27, is similar in construction and color to the back plate 24.

The face plate 21, like the face plate 20, on its opposite side is provided with cut away portions 23, which together spell a word which in combination with the word on the front side of the face plate 21, spell out a signal warning. For example, on the front side of the face plate 21, there appears the word "Railroad," while on the rear side of the face plate 21, there appears the word "Crossing."

Modifications of this invention will be apparent to those skilled in the art without departing from the spirit thereof and it is therefore desired to be limited only by the scope of the appended claim.

What I claim is:

A railway signal comprising, two hollow crisscross face plates having cutaway portions on opposite sides thereof to provide a danger signal, a back plate for removable slidable endwise engagement in each of said crisscross face plates, each of said back plates having a portion thereof being of one color and the remaining portion

thereof being of a different color, said back plates having both ends thereof similar in size and shape whereby said back plates are adapted to have their opposite ends selectively initially inserted in said hollow face plates so that the different colored portions of the back plates will be selectively visible through the cutaway portions of the face plates, and said face plate being of a different color from the colors of all the portions of said back plates.

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