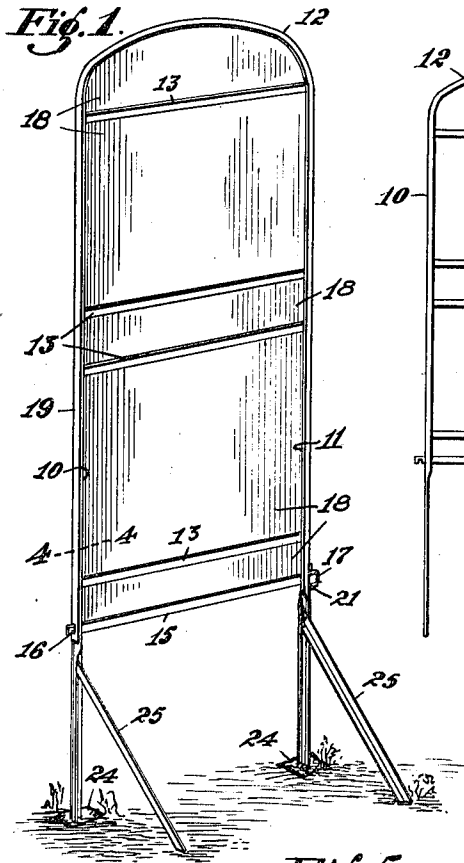
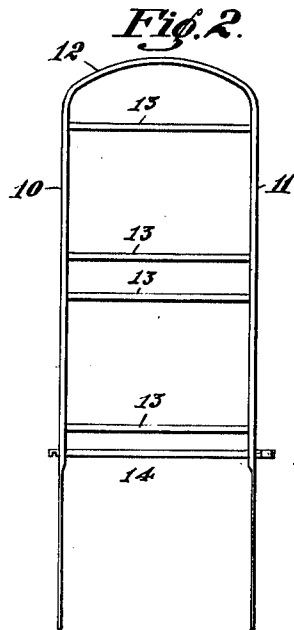
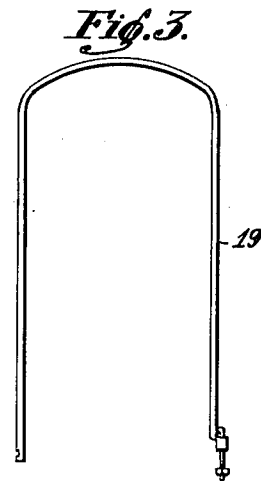
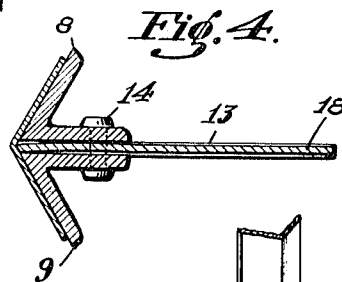
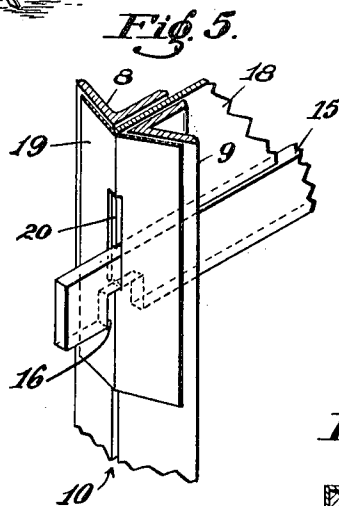
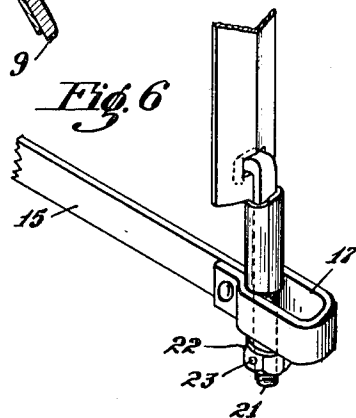
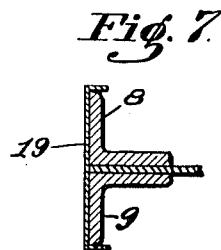


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SIGN.

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1,270,883.

Patented July 2, 1918.



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Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, LESTER F. SCOTT, JR., a citizen of the United States, residing at Los Angeles, in the county of Los Angeles and State of California, have invented a new and useful Sign, of which the following is a specification.

This invention relates to a sign, and particularly pertains to a sign which is especially adapted for use along highways for advertising purposes and also for indicating directions and denoting distances.

It is the object of this invention to provide a sign of the above character which may be constructed of metal so as to render it substantial and durable and which embodies a frame and a series of demountable sign plates adapted to be removed and replaced as occasion may require.

Another object is to provide an effective means for securing the sign plates in place on the frame by which they may be easily and quickly secured in place and removed.

A further object is to provide means whereby a plurality of the sign plates may be detachably connected to the frame by a single fastener.

Other objects will appear hereinafter.

The invention is illustrated in the accompanying drawings, in which:

Figure 1 is a perspective view of the sign showing it assembled.

Fig. 2 is a view in elevation of the sign frame with the sign plates removed.

Fig. 3 is a view in elevation of a sheath for securing the sign plates in the frame.

Fig. 4 is a detail horizontal section as seen on the line 4—4 of Fig. 1.

Fig. 5 is a detail in perspective illustrating the manner of detachably connecting one end of the sheath to the frame.

Fig. 6 is a detail in perspective showing the means of fastening and clamping the other end of the sheath to the frame.

Fig. 7 is a section illustrating a modified form of the frame and sheath construction.

In carrying out the invention the frame is formed of a pair of angle irons 8 and 9 placed back to back as shown in Fig. 4 and slightly spaced apart and which angle irons are bent Ω shape as shown in Fig. 2 to form the frame with spaced parallel side members 10 and 11 connected together at their upper ends by an arched portion 12. Extending between the members 10 and 11 and spaced suitable distances apart are horizon-

tal cross bars 13 which extend between the angle irons 8 and 9, and are secured thereto by rivets 14 or other suitable fasteners. A lower bar 15 spaced beneath the lowermost bar 13 projects beyond the outer faces of the side members 10 and 11 and one end of the bar 15 is formed with a notch or hook 16 on its under side adjacent the side member 10. The other end of the bar 15 is formed with a loop 17 adjacent the side member 11. The cross bars divide the frame into a series of divisions each of which is designed to receive a sign plate 18. The sign plates are inserted in the slots formed between the frame members and are supported on the cross bars. It is essential that the plates be of a thickness slightly less than that of the cross bars so as to provide a clearance between the angle irons 8 and 9 which will permit of the ready insertion and removal of the sign plates. The sign plates are preferably of such width that when placed in the frame their vertical edges will project a short distance beyond the outer faces of the frame.

As a means for holding the sign plates in place, a Ω shaped sheath 19 is provided which is designed to conform to the outer face of the frame and is formed with an opening 20 adjacent one end to receive the hook 16. A threaded stem 21 is mounted on the other end of the sheath and is adapted to be inserted through the loop 17. A nut 22 screwed on the stem bears against the loop and securely clamps the sheath in place on the frame. The sheath in extending over the outer face of the frame bears against the edges of the sign plates and tends to buckle same so that they will bear on each of the frame members 8 and 9 and thus hold the plates against rattling. The joint between the plates and the frame members is covered so rain will be prevented from getting into the joint and causing rust to form and wash onto the display faces of the sign plates.

The principal function of the sheath is to prevent the plates being removed by unauthorized persons and to lock the sheath against removal a pin 23 is driven into the bolt and stem, and concealed by paint. Any other suitable means may be employed for locking the sheath.

The angle iron frame members 8 and 9 are preferably bent to have less than a right angled cross section, as shown in Fig. 4, and the sheath is bent to have a V cross section,

being formed on an angle less than that of the outer faces of the frame members so that when the sheath is drawn tight on the frame, the sheath will spread slightly and bear
 5 close on the surface of the frame members. The angle iron frame members, may, however, be formed with a right angle cross section, as shown in Fig. 7 and the edges of the sheath turned in to form the necessary chan-
 10 nel by which the sheath is held against lateral movement when clamped on the frame members.

As a means for supporting the sign, the side members are embedded in concrete foot-
 15 ings 24 and anchored diagonal braces 25 are secured to the frame to hold it against displacement.

While I have described my invention specifically, it is manifest that it may be embodied in other forms and that various changes may be made in the construction without departing from the invention as set forth in the appended claims.

I claim:

25 1. In a sign, a frame, a plurality of sign plates slidably supported in said frame, and removable means encompassing the frame contacting the sign plates to clamp the latter collectively on the frame.

30 2. A sign comprising a pair of inverted U-shaped frame members spaced apart, a series of cross bars connecting the side portions of said members, removable sign plates interposed between said frame members and
 35 supported on the cross bars, and a sheath encompassing the frame members for holding said sign plates in place.

40 3. A sign comprising a pair of inverted U-shaped frame members spaced apart, a series of cross bars connecting the side portions of said members, removable sign plates interposed between said frame members and supported on the cross bars, a sheath encom-
 45 passing the frame members for holding said sign plates in place, and means for detachably connecting the sheath to the frame members.

50 4. A sign comprising a pair of inverted U-shaped frame members spaced apart, a series of cross bars connecting the side portions of said members, removable sign plates interposed between said frame members and

supported on the cross bars, a sheath encompassing the frame members for holding said sign plates in place, said sheath formed
 55 with a channel in which the frame members seat, and means for clamping the sheath on said frame members.

5. A sign comprising a pair of inverted U-shaped frame members spaced apart, a
 60 series of cross bars connecting the side portions of said members, removable sign plates interposed between said frame members and supported on the cross bars, a sheath encompassing the frame members for holding
 65 said sign plates in place, said sheath conforming to the outside edge of the frame members, a hooked connection between one end of the sheath and the frame members, and means acting on the other end of the
 70 sheath for clamping the sheath on said frame members.

6. A sign comprising a pair of spaced frame members of Ω shaped form, a series of
 75 spaced cross bars connecting the side portions of said frame members, sign plates carried on said cross bars and slidable between said frame members, a hook carried on one of the side portions of the frame, a loop projecting from the other side member, a sheath
 80 conforming to the outer edge of the frame members adapted to be detachably engaged with the hook and to encompass the frame members, a stem carried by said sheath adapted to be inserted through the loop, and
 85 means acting on said stem for clamping the sheath on the frame members.

7. A sign comprising a pair of spaced frames having parallel side members, a series
 90 of sign plates slidably mounted between said side members and projecting beyond the outer edges of the frames, a sheath conforming to and encompassing the outer edge of the frames adapted to contact the project-
 95 ing edges of the sign plates, and means for clamping the sheath on the frame members and plates to hold the latter in place.

8. A sign comprising a pair of spaced angle irons, a sign plate slidable therebetween, and a removable strap extending
 100 along the angle irons adapted to hold the sign plate in place.

LESTER F. SCOTT, JR.