March 1, 1960 R. W. REIMEL 2,926,442

SWINGING SIGN SUPPORT

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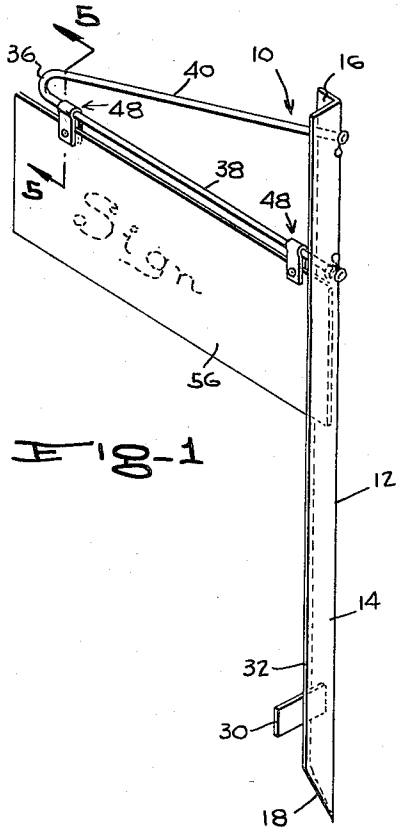

Fig-1

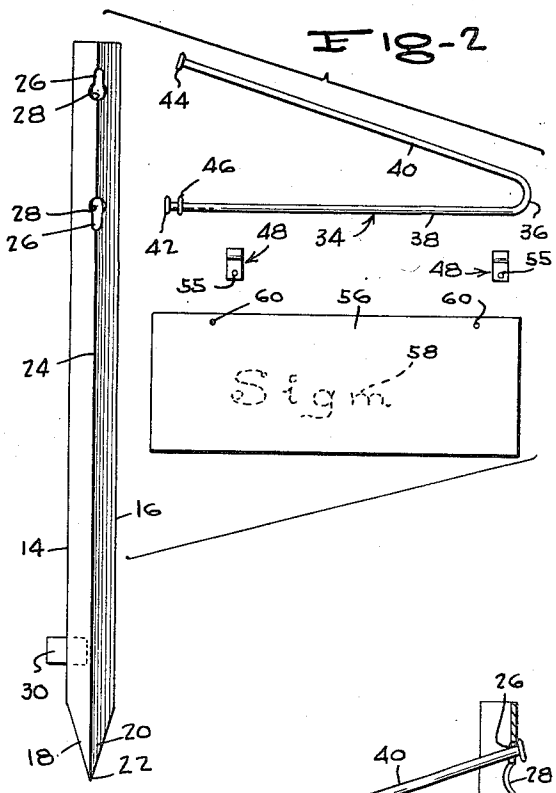

Fig-2

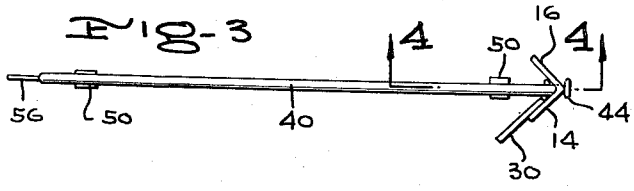

Fig-3

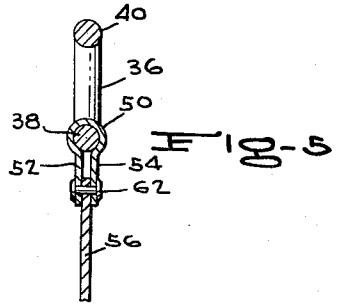

Fig-5

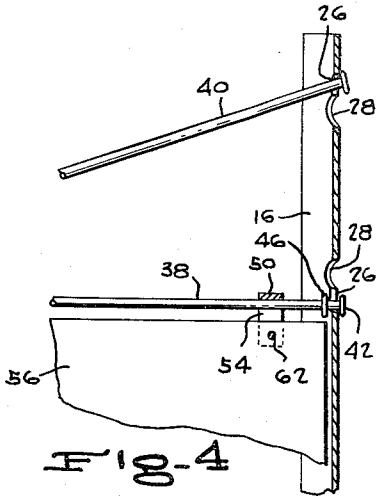

Fig-4

INVENTOR.

ROBERT W. REIMEL

BY

McMorrow, Berman + Davidson

ATTORNEYS

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SWINGING SIGN SUPPORT

Robert W. Reimel, Taylor Center, Mich.

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1 Claim. (Cl. 40—125)

This invention relates to supports, and more specifically, the present invention pertains to a support for a swinging sign.

One of the primary objects of this invention is to provide a vertical support for a laterally projecting sign together with means for quickly connecting the sign to the post or remove the same therefrom.

A further object of this invention is to provide a sign post support and hanger therefor, the same being readily erected and assembled without requiring tools or machinery or skilled labor.

It is still another object of this invention to provide a sign support and hanger therefor, the sign, support and hanger being substantially weatherproof and indestructible.

This invention contemplates, as a still further object thereof the provision of a sign post support together with anchor means for preventing the rotation thereof upon insertion of one end of the support into the ground.

It is still another object of this invention to provide a sign post support hanging bracket and sign which are non-complex in construction and assembly, inexpensive to manufacture and durable in use.

Other and further objects and advantages of the instant invention will become more evident from a consideration of the following specification when read in conjunction with the annexed drawing, in which:

Figure 1 is a perspective view of a sign post support constructed in accordance with the teachings of this invention;

Figure 2 is an exploded side elevational view of the sign post support, the hanger bracket and of the sign;

Figure 3 is a top plan view of the device illustrated in Figure 1;

Figure 4 is an enlarged fragmentary detail cross-sectional view taken substantially on the horizontal plane of line 4—4 of Figure 3, looking in the direction of the arrows; and

Figure 5 is an enlarged fragmentary detail cross-sectional view taken substantially on the vertical plane of line 5—5 of Figure 1, looking in the direction of the arrows.

Referring now more specifically to the drawing, reference numeral 10 designates, in general, a sign post assembly or unit constructed in accordance with this invention. The sign post unit 10 is seen to include a normally vertically angle member or standard 12 having a pair of elongated integrally connected side walls 14, 16, the lower ends 18, 20 of which converge to a point 22. At the other or upper end of the support 10 is formed a pair of vertically spaced keyhole slots which extend transversely through the line of juncture or at the apex 24 of the support.

Each keyhole includes a slot 26, the adjacent ends of which open into substantially cylindrical enlarged openings 28. The side wall 14, adjacent the lower or ground

engaging end of the standard has rigidly secured thereto a thin substantially rectangular metallic anchor plate 30 which projects laterally beyond its longitudinally extending edge 32.

Reference numeral 34 connotes, in general, a sign hanger having a U-shaped configuration and formed of a suitable resilient material. The hanger is seen to include a bight 36 from the opposed ends of which extend diverging elongated substantially cylindrical arms 38, 40 each of which terminate in enlarged bosses 42, 44, respectively. Spaced inwardly from the boss 42 is a third enlarged boss 46.

At 48 is designated a pair of identical sign hanger brackets having a central split ring section 50 from the ends of which project a pair of confronting substantially rectangular arms 52, 54.

Reference numeral 56 denotes a substantially rectangular metallic plate or sign on the opposed sides of which is disposed the desired indicia 58, and the upper marginal edge of the plate is apertured at 60 at longitudinally spaced intervals to serve a function to be described.

To assemble the unit 10, the split ring portions 50 of the brackets 48 are engaged around the arm 38 after which the above referred to marginal edge of the plate is inserted between the arms 52, 54 with the apertures 60 aligned with the apertures 55 formed in the arms of the brackets 48, after which rivets 62 are inserted therethrough to rigidly secure the plate 56 to the brackets 48.

The angle member 12 has its pointed end 22 driven into the ground, the plate 30 serving as a foot lever to apply force in this operation. Preferably, the angle member 12 is driven or forced into the ground a distance sufficient to cover the plate 30 whereby the same serves the functions of a ground anchor and as means for preventing the angle member 12 from rotating.

With the angle member or standard 12 now in its normally erect or vertical position, the hanger 34 together with its associated sign plate 56 is connected thereto. To effect this connection, the arms 38, 40 are flexed towards each other and the enlarged bosses 42, 44 are passed through the openings 28 after which the arms 38, 40 are released and spring into the slots 26. As is clearly seen in Figures 3 and 4, the bosses 42 and 46 cooperate to prevent axial inadvertent or accidental shifting of the arms 38, 40 relative to the standard 12.

Having described and illustrated one embodiment of this invention, it is to be understood that the same is offered merely by way of example, and that the instant invention is to be limited only by the scope of the appended claim.

What is claimed is:

A sign post comprising a normally vertical standard including an angle member having a pair of opposed side walls integrally connected to form an apex, said angle member having a sharpened ground engaging end and an opposed end having a pair of longitudinally spaced keyholes extending transversely through said apex, each of said keyholes including a cylindrical opening in open communication with the inner end of a slot, said slots diverging away from each other, a substantially U-shaped sign hanger formed of resilient material and including a pair of arms biased for movement away from each other and having their respective ends extending, respectively, through one of said openings when said arms are compressed towards each other and being movable into said slots upon release of said compression, each of said arms terminating in an enlarged first boss, a second enlarged boss on one of said arms, said first and second bosses of said one arm engaging opposed sides of said

standard at the apex thereof and adjacent one of said slots to prevent axial movement of said one arm relative to said standard, said first boss engaging a side of said standard adjacent said apex and the other of said slots, a pair of sign plate supporting brackets mounted on said one arm, and an elongated substantially rectangular sign plate secured to said brackets and depending from said one arm.

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