

Sept. 19, 1967

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3,341,959

SIGN SUPPORT

Filed Dec. 8, 1964

2 Sheets-Sheet 1

FIG. 1

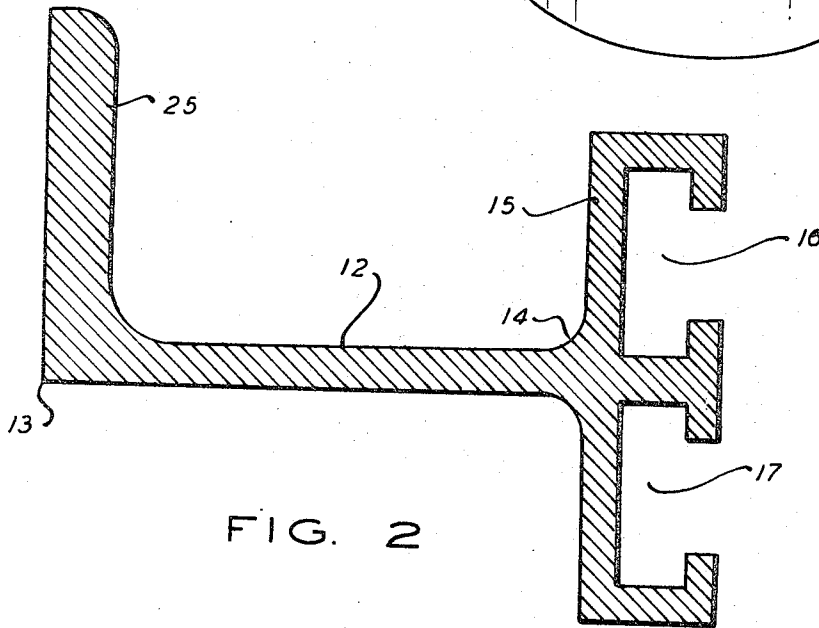
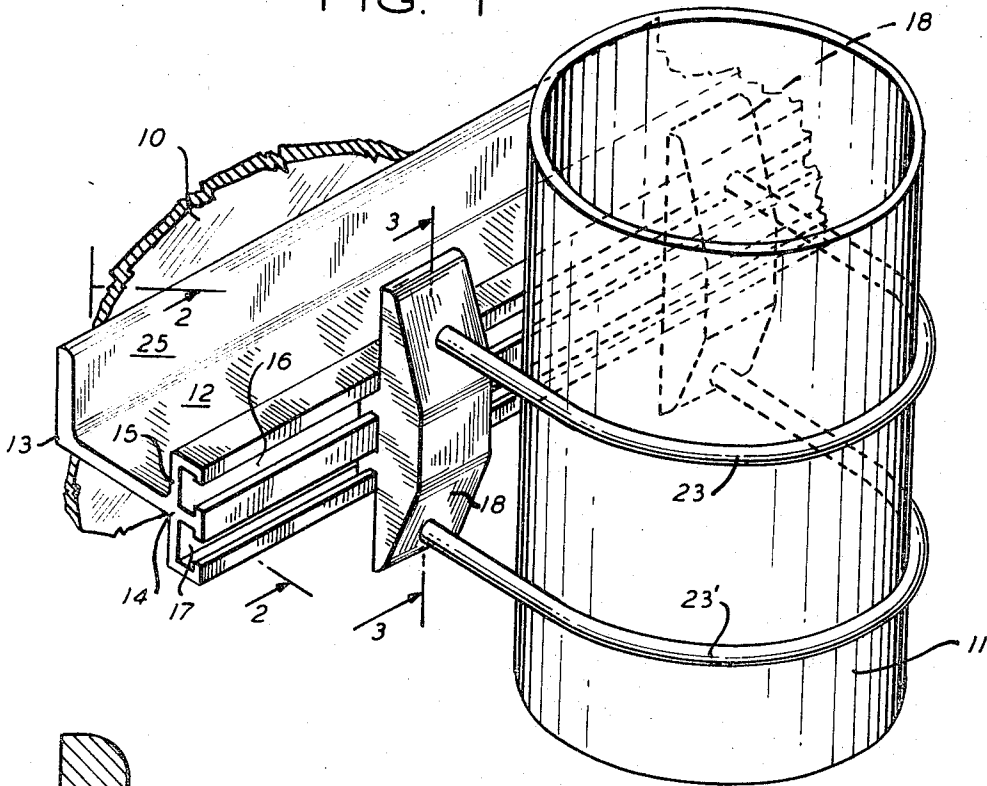


FIG. 2

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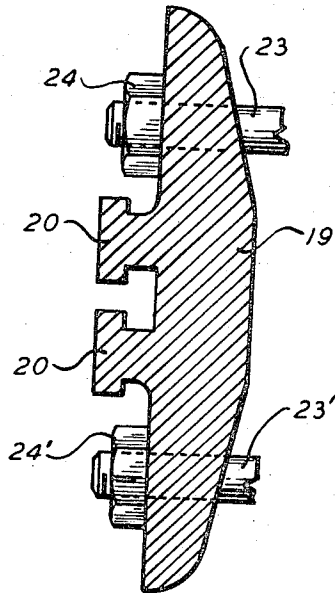


FIG. 3

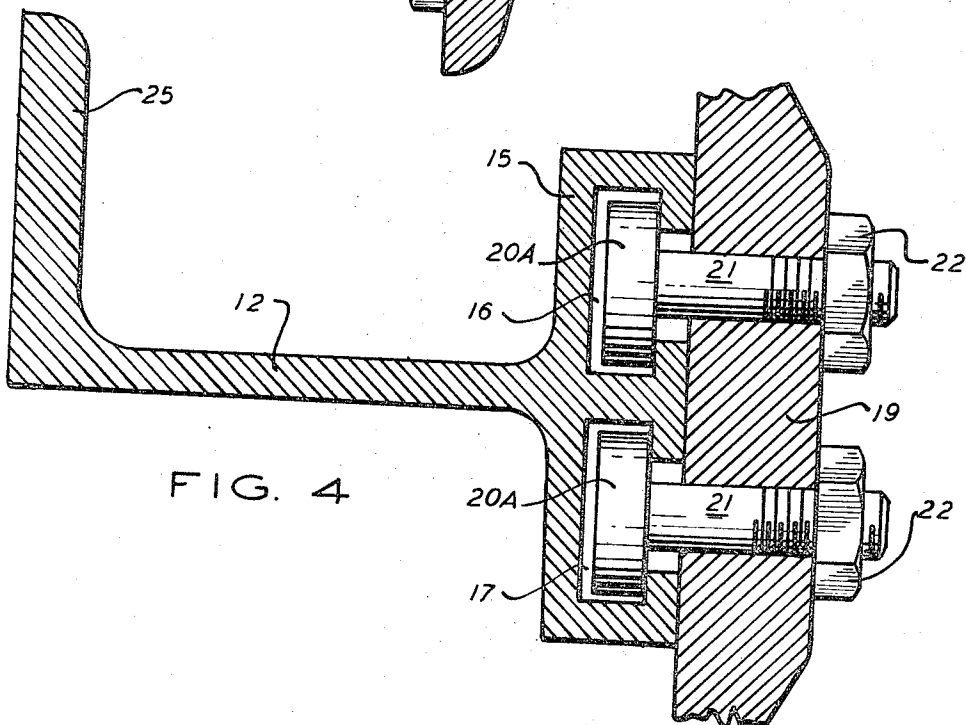


FIG. 4

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SIGN SUPPORT

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2 Claims. (Cl. 40-145)

ABSTRACT OF THE DISCLOSURE

A sign support comprises a plate structure having a longitudinal flange to which a sign may be attached. An opposite parallel edge of the plate is provided with a flange for fastening the rail to a post, said flange having an E-shaped formation. A bearing member crosswise of the E-shaped formation is provided with means for engaging in the slots of the E-shaped formation and for fastening the bearing member to the post.

This invention relates to roadway and other sign constructions, such as shown, for example, in Pfaff et al., Patent 2,942,366 of June 28, 1960, wherein panel 17 is shown secured to a supporting member 20; this invention has special reference to the members, such as shown at 34 and 43 in said patent, for securing sign panels to a supporting post. The present invention is a further improvement thereover and incorporates novel features below described.

The sign support of this present invention eliminates the necessity for special members such as those above referred to for securing sign panels to supporting posts, by providing an elongated plate having running slots to accept standard square-head or other bolts with a free sliding fit so that fastening may take place at any location without the necessity for drilling holes.

The sign support of the present invention enables the supported structure such as a sign, to be adjusted and horizontally aligned and permits of variations in positioning of the sign on the support at the site of installation without the necessity for special preparation or tools.

In the drawing, wherein similar parts are correspondingly numbered:

FIG. 1 is a perspective, partly fragmentary view of a sign support embodying the invention,

FIG. 2 is an enlarged, vertical sectional view thereof, taken at line 2-2 of FIG. 1,

FIG. 3 is an enlarged sectional view of the bearing member, taken at line 3-3 of FIG. 1, and

FIG. 4 is an enlarged vertical sectional view of a modified form of bearing member, strip and associated parts, in assembled relation.

In the device of this invention shown in FIG. 1 of the drawing, an elongated plate 12 is formed with spaced parallel longitudinal edges 13 and 14, one of said edges being flanged, as at 25, to facilitate securing a sign panel 10 thereto by suitable means, as, for example, through the use of devices such as shown at 27, 34, 36 in Patent 2,942,366. The other longitudinal edge 14 of plate 12 is provided with a flanged portion 15 of E-shaped cross section, thereby defining a plurality of spaced parallel longitudinal slots 16 and 17 with which a complementary bearing means 18 is adopted to have sliding and latching engagement, for securing plate 12, and thereby sign panel 10, to the post 11, which may be any suitable supporting member. The bearing means 18 may (FIGS. 3 and 4) comprise a bearing member 19 with studs 20 of such shape as to have sliding engagement with the slots 16 and 17 of flanged E-shaped portion 15 of the plate 12.

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Studs 20 may be formed unitarily with the bearing member 19 (as in FIG. 3) or separately and movable therein, as seen at 20a in FIG. 4, to enable tightening of the parts at the desired final relative position. To that end each of the studs 20a may be provided with a stem 21 passing through the bearing member for threaded or other complementary engagement with a nut 22 which may be drawn up on the stud 21 and against the bearing member, to interlock the parts.

Straps 23, 23' may engage the bearing means 18 and post 21 to connect the plate 12 and associated parts to the post. To that end, said straps (FIG. 3) may pass through the bearing member 19 and are engaged by nuts 24, 24' to thus enable the parts to be assembled in the desired vertical position on the post. Thus rapid and accurate adjustment may be attained in vertical and horizontal directions without however, necessity of special fabrication or absolute precision of manufacture. The flange 12 and thus the sign panel 10 carried thereby may be moved on the bearing members 19 to the desired relative position, and then, by simply tightening the nuts 22, the parts may be latched in their final desired position.

Pursuant to this invention, an elongated plate is provided, having a longitudinal edge with a longitudinal flanged portion having parallel longitudinal slots; complementary means engage the flanged portion of the plate and a support (such as the post). The post 11 may be combined with the bearing means, as shown in FIG. 3, the bearing member 19 being shown with bolts 23 passed therethrough to secure the same to a supporting surface. Bearing member 19 may be a beam such as an I-beam, and strap bolts such as 23 could be passed through the bearing member 19 elsewhere than as shown in FIG. 3 for the same purpose, within the invention; likewise, the beam could be welded or otherwise secured to any suitable other beams or anchorage, within the invention.

While the foregoing disclosure of exemplary embodiments, is made in accordance with the Patent Statutes, it is to be understood that the invention is not limited thereto or thereby, the inventive scope being defined in the appended claims.

I claim:

1. A sign support comprising a post, a plate having an attaching flange along one edge of the plate and a longitudinally fastening flange on a parallel edge of the plate, said longitudinally extending fastening flange being provided with a plurality of parallel longitudinal slots, complementary means having studs in the slots engaging the fastening flange of the plate and engaging the supporting post for securing the plate to the post, the complementary means including a single bearing member arranged transversely to the slots, the studs and slots enabling the plate to be slidably positioned relative to the bearing member.

2. In a sign support as set forth in claim 1, said complementary means including strap means engaging the bearing member and the post for securing the bearing member and thereby the elongated plate and sign panels adapted to be supported thereby to the post.

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70 LAWRENCE CHARLES, Primary Examiner.