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SUPPORTING MEANS FOR ADVERTISING SIGNS

Filed June 27, 1929

Fig. 1.

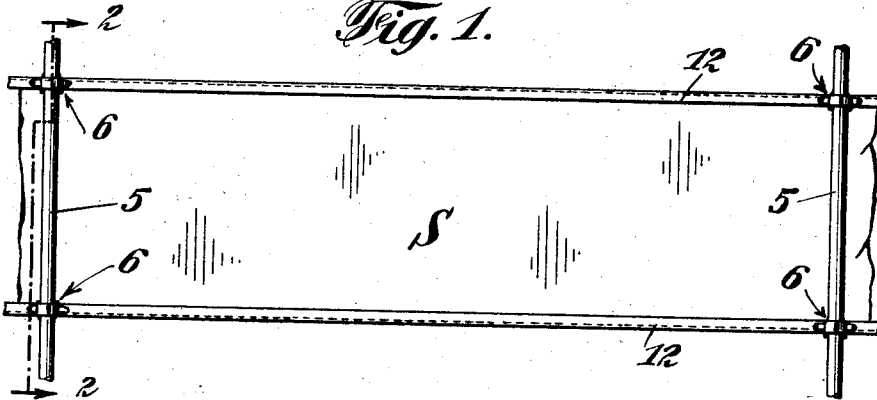


Fig. 3.

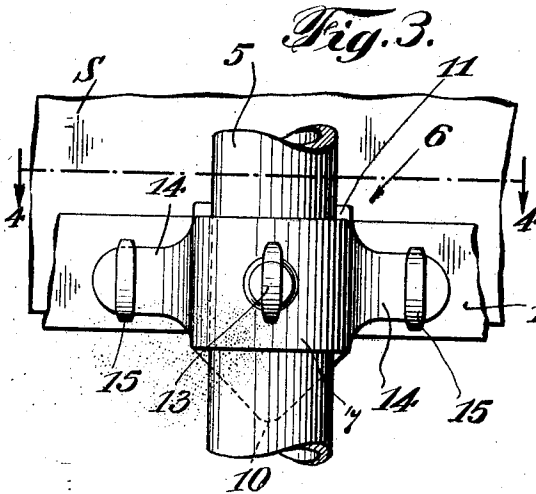


Fig. 2.

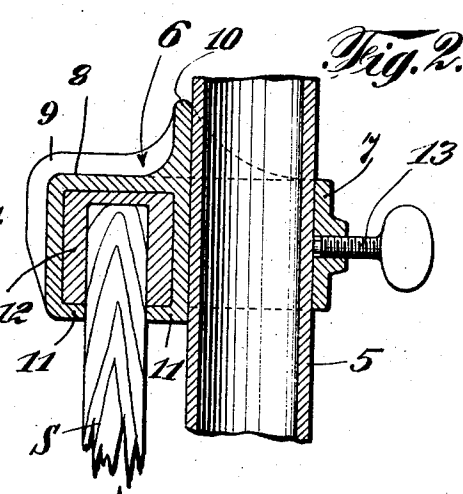
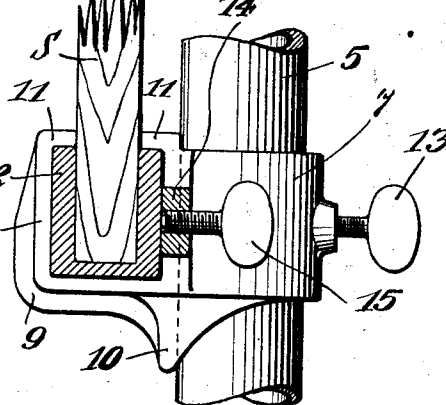
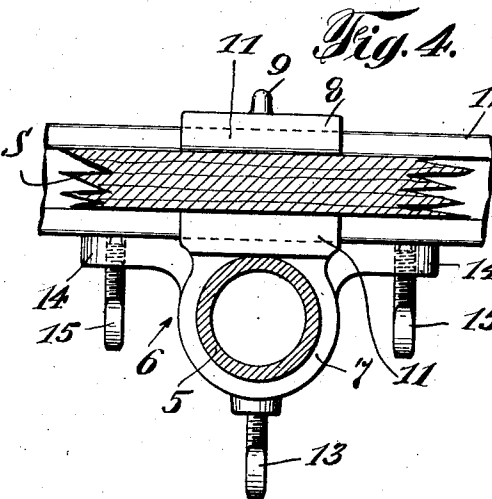


Fig. 4.



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SUPPORTING MEANS FOR ADVERTISING SIGNS

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This invention relates to supporting means for advertising signs and the like, and has for its primary object and purpose to provide simply constructed and easily applied and adjusted means whereby advertising signs may be quickly mounted or erected in juxtaposed relation to temporary structures, such as sidewalk bridges used for the protection of pedestrians during the erection of buildings.

It is a further and more particular object of the invention to provide an improved form and construction of channel bar receiving bracket members whereby such bracket members may be readily adjusted upon the vertical tubular posts or standards of the temporary structure to position the channel bars for the reception of signs of various widths. It is another feature of my invention to provide each of said bracket members with adjustable means whereby the channel bars together with the sign supported at its edges in the channels thereof may be rigidly clamped and fixed in position with relation to the brackets.

With the above and other objects in view, the invention consists in the improved sign supporting means and in the form, construction and relative arrangement of its several parts as will be hereinafter more fully described, illustrated in the accompanying drawings, and subsequently incorporated in the subjoined claims.

In the drawing, wherein I have shown one simple and practical embodiment of my invention, and in which similar reference characters designate corresponding parts throughout the several views,—

Figure 1 is an elevation showing the improved bracket members having the sign receiving channel bars mounted therein and secured upon the spaced supporting standards or posts;

Fig. 2 is an enlarged vertical sectional view taken on the line 2—2 of Fig. 1;

Fig. 3 is a front elevation of one of the bracket members, and

Fig. 4 is a horizontal sectional view taken on the line 4—4 of Fig. 3.

Referring in detail to the drawing, in Fig. 1 thereof, I have shown parts of two vertical tubular posts or standards 5 which sup-

port a sidewalk bridge or other temporary structure (not shown). In the use of these temporary structures, they are frequently utilized by the contractor as a source of profit for the display of advertising signs. The all metal sidewalk bridge supporting structures which are now coming into more or less general use, particularly lend themselves to such use. The vertical posts or standards constituting parts of the supporting structure are of light though strong metal tubing, provided in sections of suitable length which are coupled together. On such cylindrical tubular posts my improved sign supporting brackets constituting the subject matter of this application may be readily applied and adjusted so as to support signs of various widths at any desired elevation above the ground or in predetermined relation to the bridge platform.

As herein shown, each of the bracket members 6 consists of a metal casting having a sleeve or tubular part 7 and a rectangular part 8 of substantially U-shaped form in cross section at one side of the sleeve 7. The outer and intermediate walls of the U-shaped part 8 of the casting are preferably provided centrally thereof with the integrally formed reinforcing rib 9 which at one of its ends, is merged into a substantially V-shaped lip or extension 10 which in effect is a continuation of the common wall or web between the parts 7 and 8 of the casting. One side face of this lip 10 is curvilinear and is a continuation of the inner surface of the sleeve 7 so that said face will closely fit the cylindrical surface of the post 5.

The opposite walls of the part 6 of the bracket casting at the open side of said U-shaped part are formed with the inwardly directed flanges 11 which provide guide seats or rests for the edges of the channel bar 12 which is adapted to be fitted through said U-shaped parts 8 of the brackets on the spaced posts 5.

In the sleeve 7 opposite the part 8 of the bracket, a set screw 13 is threaded. The wall or web integrally connecting the parts 7 and 8 is provided at each side thereof with a lat-

eral extension or lug 14 in which a clamping screw 15 is threaded.

In the use of the device as above described, a pair of the brackets 6 is slidably engaged upon each post 5 in reversed relation to each other as shown in Fig. 2 of the drawing, the said brackets being adjusted and spaced apart for a distance determined by the width of the sign indicated at S. The brackets are then securely fixed in adjusted position by tightening the set screws 13 against the wall of the post 5. The channel bars 12 are then passed through the U-shaped parts 8 of the brackets on the spaced posts, with the open sides of said channel aligning with the space between the flanges 11 on the walls of the bracket. The sign S is then slid longitudinally from one end of the structure into the channels of these bars 12. The screws 15 are now tightened against the outer walls of the channels bars 12 so as to thus securely clamp said channel bars as well as the edge of the sign board in relatively fixed positions with respect to the supporting bracket. In this manner, it will be apparent that the advertising signs may be easily and quickly erected upon such metallic supporting elements of the temporary bridge structure, and also as readily removed when the structure is to be dismantled. Further, the advertisements will be attractively displayed, the parts of the mounting itself being small and comparatively inconspicuous.

I have herein shown and described an embodiment of my invention which has given very satisfactory results in practical use. Nevertheless, it is to be understood that the essential features of the device might also be incorporated in various other alternative structural forms, and I accordingly reserve the privilege of resorting to all such legitimate changes therein as may be fairly embodied within the spirit and scope of the invention as claimed.

I claim:

1. Sign supporting means including in combination with spaced uprights, a pair of bracket members adjustable relative to each other upon each upright, means carried by each bracket to clamp the same in fixed position on the upright, and each of said brackets having a substantially U-shaped part constituting a guiding and supporting means, channel bars to receive the edges of a sign engaged in the U-shaped parts of the corresponding brackets on the spaced uprights, and means carried by each bracket for rigidly fixing said channel bars with relation to the bracket members.

2. Sign supporting means including in combination with spaced uprights, a pair of bracket members adjustable relative to each other upon each upright, means carried by each bracket to clamp the same in fixed position on the upright, and each of said brackets

having a substantially U-shaped part constituting a guiding and supporting means, channel bars to receive the edges of a sign engaged in the U-shaped parts of the corresponding brackets on the spaced uprights, each of said bracket members at one side of the U-shaped part thereof being provided with laterally projecting lugs, and clamping screws threaded in said lugs to engage one wall of the U-shaped bar and rigidly clamp the same in fixed relation to the bracket members.

In testimony that I claim the foregoing as my invention, I have signed my name hereto.

FREDERIC A. DAVIDSON.