July 12, 1932. F. E. FUNK 1,866,530

SUPPORT FOR SIGNS

Filed March 16, 1931

Fig. 2.

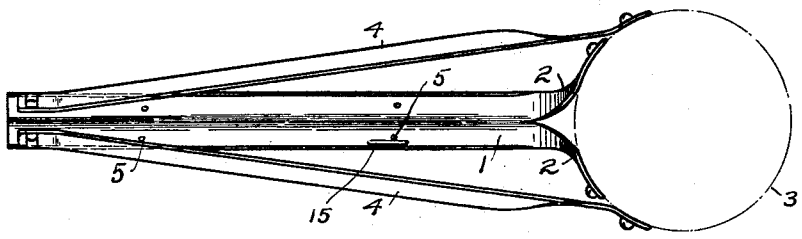


Fig. 1.

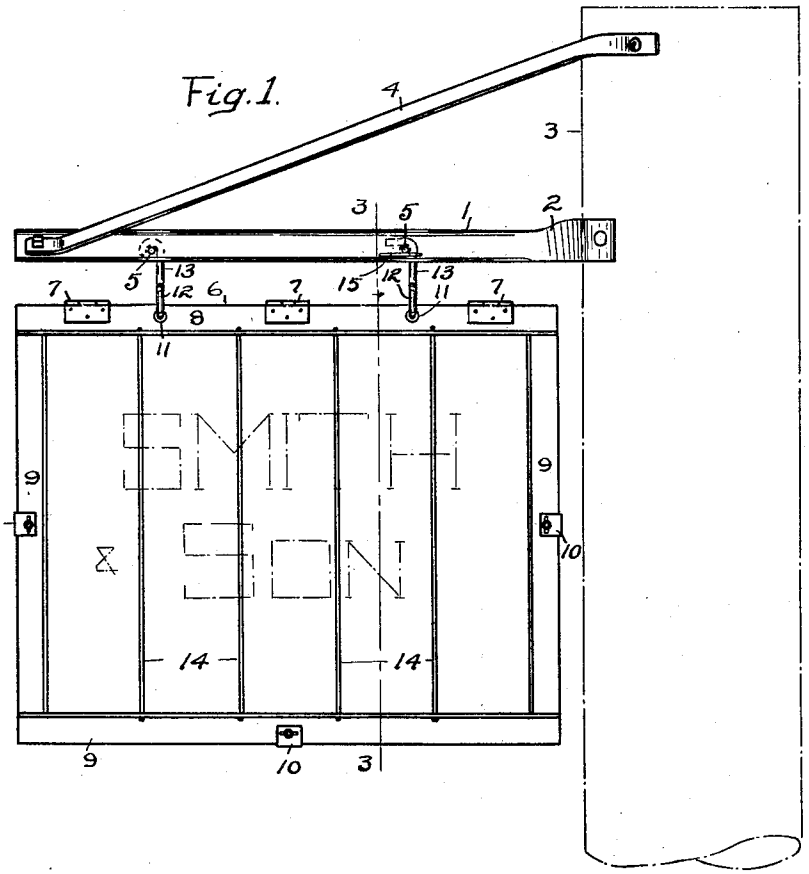


Fig. 3.

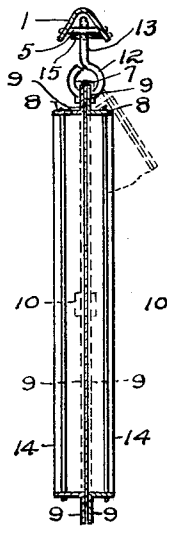
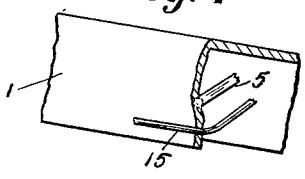


Fig. 4



Frank E. Funk

INVENTOR.

BY Elwin M. Hulse

ATTORNEY.

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UNITED STATES PATENT OFFICE

FRANK E. FUNK, OF WINCHESTER, INDIANA

SUPPORT FOR SIGNS

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The invention relates to supports for signs, especially paper or paper board signs.

The object of the invention is to provide a novel device that is readily firmly attached to an object and which will support a sign effectively. Other objects and advantages will appear hereinafter.

The invention consists of the novel combination, arrangement and construction of parts hereinafter described and claimed.

The invention is illustrated in the accompanying drawing in which

Figure 1 is an elevational view of a support embodying the invention; Fig. 2 a plan view of the same, Fig. 3 a cross-section on line 3—3 of Fig. 1 and Fig. 4, a detail view of the spring clip lock in perspective.

Referring to the illustrative embodiment of the invention 1 represents the sign supporting arm or base which preferably is an angle bar disposed so that its angle opens downwardly or the flanges slope downwardly and outwardly in opposite directions like an inverted V. One end of the arm is split longitudinally to form two brackets 2 which are adapted to be attached to a fixed object, such as the post 3. The material out of which the arm is formed is such that the brackets may be bent to contact with the object to which the support is to be attached.

Two braces 4, preferably angle bars, are loosely pivoted to the arm 1 at a proper point and the opposite or free ends of the braces are adapted to be secured to a fixed object, especially the same object to which the brackets are attached. Since these braces are loosely pivoted to the arm 1 they may be separated laterally to accommodate the width of the fixed object as well as irregularities in the surface of that object. The free ends of the braces may also be bent to contact with the surface of the object upon which the support is mounted.

A suitable number of bolts or rods 5 extend through and are fixed to the arm 1 and form members upon which to suspend the sign.

The sign may be formed of metal and hung directly upon or suitably suspended on the members 5, or, if it is formed of paper, I prefer to use the carrier 6 which is formed of two frames. Each frame is made up of four angle bars suitably secured together so that one flange of each bar will abut a corresponding flange on a bar of the other frame. Hinges 7 are secured to the upper horizontal bars 8 of the frames and permit the opening of the carrier to insert the sign, the margin of the sign being engaged between the abutting flanges 9 of the frames. Suitable devices or clamps 10 are engaged on the flanges 9 to retain the frames together and clamp the sign between them.

Alined apertures 11 are formed in the abutting flanges of the top bars 8 through which the looped ends 12 of the hangers 13 are passed, the loops being closed after they are engaged on the flanges. The upper ends of the hangers 13 are hook shaped and are adapted to engage the members 5 on the arm 1. The loops 12 are relatively large so that the carrier and its contained sign will swing thereon under the influence of wind thereby not only attracting attention but also reducing the wind resistance of the sign

Guards 14 are secured to the upper and lower members of each frame to protect the sign and to prevent bulging of the same when the sign is formed of paper.

Usually the same matter will be displayed upon both sides of a sheet of paper or paper board inserted in the carrier, but I may display the matter on one side of each of two sheets and insert a metal sheet between the two sheets and place the three sheets in the carrier. In both cases the displayed matter will be visible to traffic travelling in either direction on the highway.

The carrier is removable from the support by disconnecting the hangers from the members 5 since it will be easier to load and unload the carrier when it is on the ground than while it is suspended on the support.

The arm and the sign-carrier have a maximum of strength and will withstand heavy wind. The guards add some protection to the sign against damage by objects carried by wind, the degree of such protection depending upon the nearness of the guards one to the other, and the arm tends to shed rain

and snow so as to protect the parts depending from it.

I may also attach a spring clip 15 at one end to the arm 1, the opposite end being bent to pass through an opening in the arm so as to abut the hanger 13 and prevent said hanger from disengaging from the member 5.

What I claim is:

1. A device of the class described comprising an angle bar having its angle opening downwardly, brackets at one end of the bar adapted to be attached to a fixed object, braces connected to the bar for vertical and lateral pivotal movement thereon, supporting members extending from one flange of the angle bar to the other flange thereof, and sign carrying means movably and removably carried by the supporting members.

2. A device of the class described comprising a downwardly opening angle bar, means at one end of the bar to support it upon a fixed object, supporting members extending from one flange of the angle bar to the other flange thereof and a sign movably and removably carried by the supporting members.

3. A device of the class described comprising a downwardly opening angle bar, means at one end of the bar to support it upon a fixed object, supporting members extending from one flange of the angle bar to the other flange thereof, a sign, two hook members attached to the sign and adapted to be movably engaged on the supporting members respectively, one of the hook members having its upper end forming a right angle with the remainder thereof and means on the angle bar to prevent unauthorized disengagement of the latter hook member from the supporting member.

In witness whereof I have hereunto subscribed my name.

FRANK E. FUNK.