April 30, 1957 H. FRESHOUR 2,790,258

SIGN HOLDER

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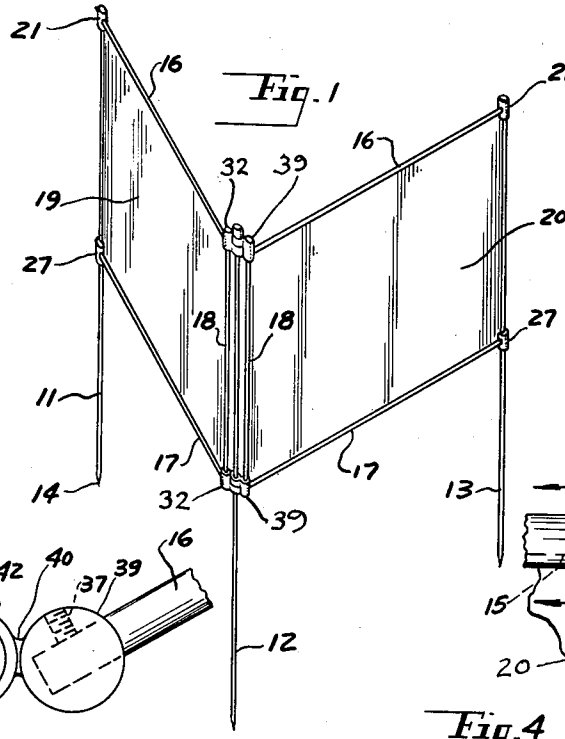


Fig. 1

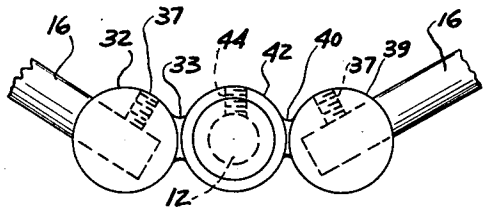


Fig. 3

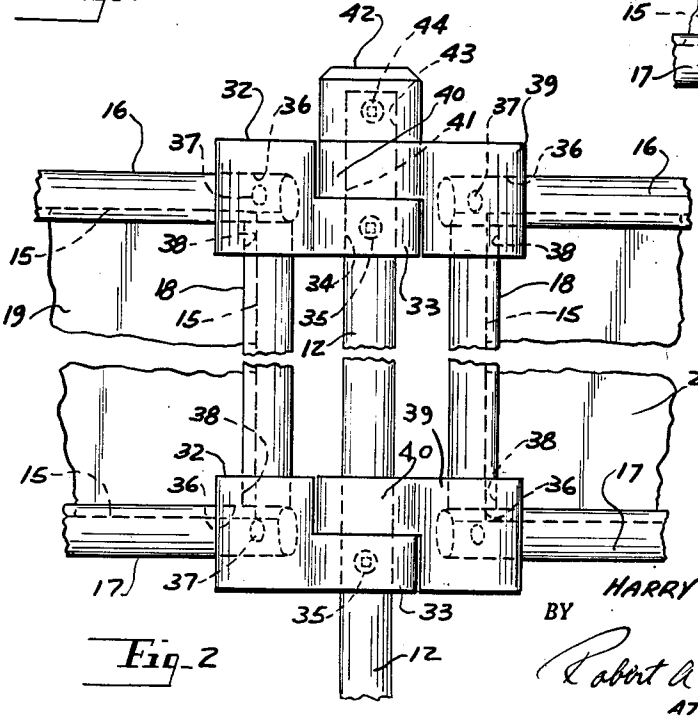


Fig. 2

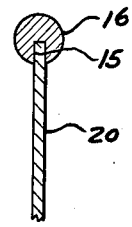


Fig. 6

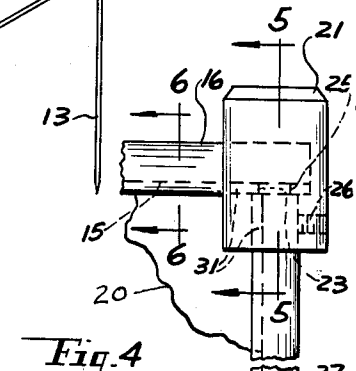
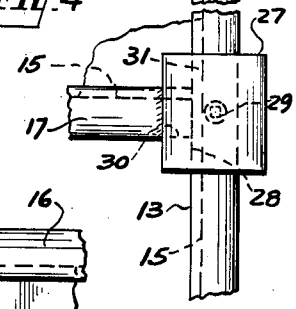


Fig. 4



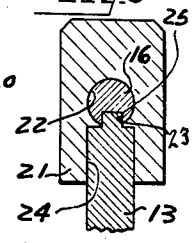


Fig. 5

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SIGN HOLDER

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5 Claims. (Cl. 40—125)

This invention relates to a sign holder, and more particularly to a novel type of foldably collapsible sign adapted for removable positioning therein of a pair of signboards.

It is the object of the present invention to provide a pair of upright hingedly interconnected signboard frames adapted for angular adjustment with respect to each other about a central upright support and with the said frame so constructed as to slidably receive and retain therein the marginal flange of a signboard.

It is the further object of the present invention to provide a novel sign holder consisting of an upright central shaft and a pair of outer and upright shafts spaced therefrom and adapted for projection into the ground, together with a series of spaced, intersecting and interconnected bars respectively coplanar with each of the outer shafts for defining therewith a hollow sign frame.

It is the further object of the present invention to form each of the said sign frames with a continuous inner channel for removably securing and supporting a signboard.

These and other objects will be seen from the following specification and claims in conjunction with the appended drawing, in which:

Fig. 1 is a perspective view of the present sign holder.

Fig. 2 is a front elevational view on an enlarged scale, and partially broken away for illustration, of the central hinge portions of the said sign holder.

Fig. 3 is a fragmentary plan view thereof.

Fig. 4 is a fragmentary and partially broken away side elevation of the outer portion of one of said sign frames.

Fig. 5 is a fragmentary section taken on line 5—5 of Fig. 4; and

Fig. 6 is a fragmentary section taken on line 6—6 of Fig. 4.

It will be understood that the above drawing illustrates merely a preferred embodiment of the invention and that other embodiments are contemplated within the scope of the claims hereinafter set forth.

The present sign holder includes an upright central shaft 12, and a pair of upright outer shafts 11 and 13, all being pointed as at 14 to facilitate easy projection thereof into the ground for supporting the sign holder in the position shown in Fig. 1.

As shown in Fig. 4, a continuous channel 15 is formed within the inner surface of both of the shafts 11 and 13.

There are a plurality of spaced, intersecting and interconnected bars 16, 17 and 18, one set lying in the plane of shaft 11 and another set lying in the plane of shaft 13. These bars and the said shafts cooperate to define a pair of hollow frames adapted to supportably receive the rectangular signboards 19 and 20 in the manner hereafter described.

The inner surfaces of each of the bars 16, 17 and 18, have formed therein the continuous channels 15, as shown in the drawing, which channels are coplanar with and cooperate with the corresponding channels 15 formed in the outer shafts 11 and 13, thereby providing a continuous groove for receiving the peripheral edges of the

respective signboards 19 and 20 and for retaining the same within the two angularly related frames.

A socket 21 having formed therein a pair of right angularly related intersecting slots 22 and 24 is mounted upon the upper end of each of the shafts 11 and 13. The slot 22, Fig. 5, cooperatively receives the outer end of bar 16, as also shown in Fig. 4. The intersecting slot 24 receives the upper end of shaft 11 or shaft 12, as the case may be. The upper ends of the shafts 11 and 13 have projections 25 of reduced dimension which are adapted to be cooperatively projected within a corresponding recess 23 formed in the under surface of the bar 16 towards its outer end, which recess is larger than the said channel 15. Accordingly, with the said projection 25 in assembled relation with respect to bar 16, i. e., in interlocking relation, and with the said socket 21 secured upon shaft 11 or 13, as by the set screw 26, there is thus provided a fixed assembled relation between the respective shafts 11 and 13, the sockets 21 at their upper ends and the intersecting bars 16.

There are also provided another pair of sockets 27, which have slots 28 extending therethrough adapted to receive central portions of the shafts 11 and 13. Said sockets have set screws 29, Fig. 4, for securing the said sockets with respect to shafts 11 and 13.

Sockets 27 also have the right angularly related intersecting slot 30 formed therein adapted to cooperatively receive the outer ends of the lower bars 17 in the manner shown in Fig. 4.

Sockets 27, as well as the sockets 21, have formed therein the internal slots 31 of the same depth as the above described slots 15 and which are coplanar therewith and which cooperate therewith for receiving corner portions of the respective signboards 19 and 20.

A pair of vertically spaced sockets 32 are mounted upon the upper and lower ends respectively of the upright bar 18 whose respective ends are received within the slots 38 formed in said sockets. Said sockets also have the right angularly related slots 36 adapted to cooperatively receive the inner ends of the parallel spaced bars 16 and 17, as shown in Fig. 2. Suitable set screws 37 extend through portions of the sockets 32 for frictional or operative engagement with the bars 16 and 17 for securing the frame construction in assembled relation.

Each of the sockets 32 are provided with the depressed laterally related cylindrical bosses 33 which may be defined as hinge elements and which have upright apertures 34 extending therethrough which receive portions of the central shaft 12. In the preferred embodiment of the invention, set screws 35 extend through the hinge elements 33 for operative engagement with the central shaft 12.

There is an additional pair of vertically spaced sockets 37 having slots 38 therein adapted to cooperatively receive the upper and lower ends respectively of the upright right hand rod 18, Fig. 2. Sockets 39 also have the right angularly related slots 36 adapted to cooperatively receive the inner ends of the parallel spaced bars 16 and 17 which form a part of the right hand frame of Fig. 1. Suitable set screws 37 are also employed as shown.

Each of the sockets 39 terminates in the laterally related bosses or elevated hinge elements 40 which are transversely apertured at 41 for cooperatively receiving spaced portions of central shaft 12. The hinge elements 40 furthermore cooperatively engage and register with hinge elements 33 of the sockets 32 to thereby establish a hinged relation between the two frames which support the signboards 19 and 20.

In this case the hinge elements 40 are swivelly mounted upon the shaft 12. Accordingly, the said frames are pivotally adjustable with respect to each other and will normally be arranged in upright planes at an angle to each

other, preferably less than 180 degrees. The assembly is completed by the top cap 42 which is apertured at 43 to receive the upper end of shaft 12, and is secured thereto by the set screw 44.

There is thus defined a pair of vertically spaced first sockets 32 for the left hand frame and a second pair of vertically spaced first sockets 39 for the right hand frame. Each of the said pairs of first sockets have extensions or cooperating hinge elements to thereby establish a pivotal relation with respect to shaft 12.

There is also provided upon each of the said outer shafts 11 and 13 a pair of vertically spaced second sockets 21 and 27, respectively, for each frame, which sockets, while mounted upon the respective shafts 11 and 13, cooperatively receive the outer ends of the parallel spaced horizontally disposed bars 16 and 17 to thereby complete the sign holder construction.

To remove the signs 19 or 20 from the frame, this may be done by loosening the set screws 37 shown in Fig. 2, and withdrawing the shafts 16 and 17 from the respective sockets 32 which will permit the said signs to be slid outwardly. The sign may also be removed by loosening the lower set screw 37 and moving the lower socket 32 downwardly until upright rods 18 may be manually disengaged from the sockets. By slightly springing the parts 16 and 17 apart, the sign may be removed.

Having described my invention, reference should now be had to the claims which follow for determining the scope thereof.

I claim:

1. A sign holder comprising an upright central shaft, a pair of upright outer shafts upon opposite sides of the central shaft, there being an elongated channel formed in the inner surfaces of the outer shafts, a plurality of spaced, intersecting and interconnected bars coplanar with each outer shaft and defining therewith a pair of hollow frames, the corresponding inner surfaces of said bars having channels therein cooperable with said outer shaft channels and adapted to receive the marginal edges of a signboard positioned within each frame, and cooperating hinge means mounted upon the adjacent inner upright edges of said frames and extending over said central shaft.

2. The sign holder of claim 1, a pair of vertically spaced first sockets for each frame mounted on said central shaft with right angularly related intersecting slots therein adapted to supportably receive the corresponding ends of said plurality of bars, and a pair of vertically spaced second sockets for each frame secured upon an outer shaft, supportably receiving some of said bars.

3. The sign holder of claim 1, a pair of vertically spaced first sockets for each frame mounted on said central shaft with right angularly related intersecting slots therein adapted to supportably receive the corresponding ends of said plurality of bars, a pair of vertically spaced second sockets for each frame secured upon an outer shaft, supportably receiving some of said bars, and vertically registering apertured hinge leaf extensions projecting laterally from said first sockets positioned over said central shaft.

4. The sign holder of claim 1, a pair of vertically spaced first sockets for each frame mounted on said central shaft with right angularly related intersecting slots therein adapted to supportably receive the corresponding ends of said plurality of bars, a pair of vertically spaced second sockets for each frame secured upon an outer shaft, supportably receiving some of said bars, and vertically registering apertured hinge leaf extensions projecting laterally from said first sockets positioned over said central shaft, the hinge elements of one of said pair of first sockets being secured to said central shaft and the hinge elements of the other of said pair of first sockets being swivelly mounted on said central shaft.

5. The sign holder of claim 1, a pair of vertically spaced first sockets for each frame mounted on said central shaft with right angularly related intersecting slots therein adapted to supportably receive the corresponding ends of said plurality of bars, and a pair of vertically spaced second sockets for each frame secured upon an outer shaft, supportably receiving some of said bars, each of said sockets having a slot within its inner surface coplanar with and cooperating with said channels.

No references cited.