July 20, 1943. S. E. CAPPS 2,324,820

SIGN SUPPORT

Filed June 26, 1941

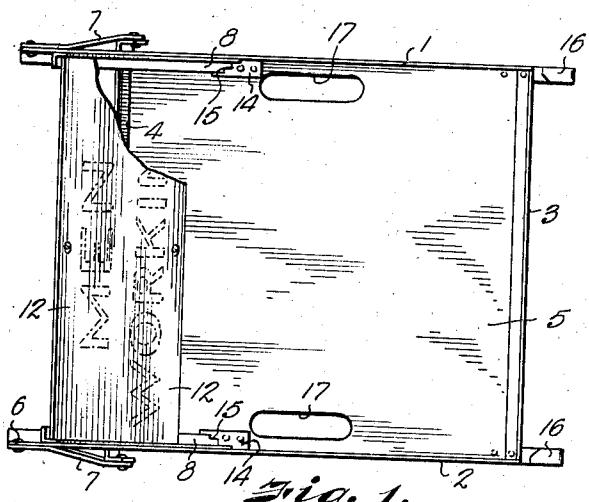


Fig. 1.

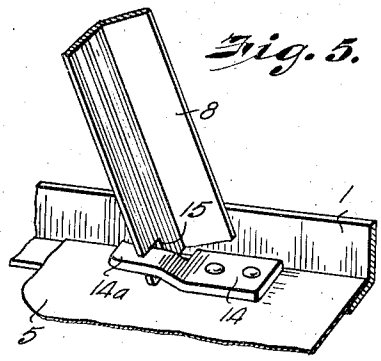


Fig. 5.

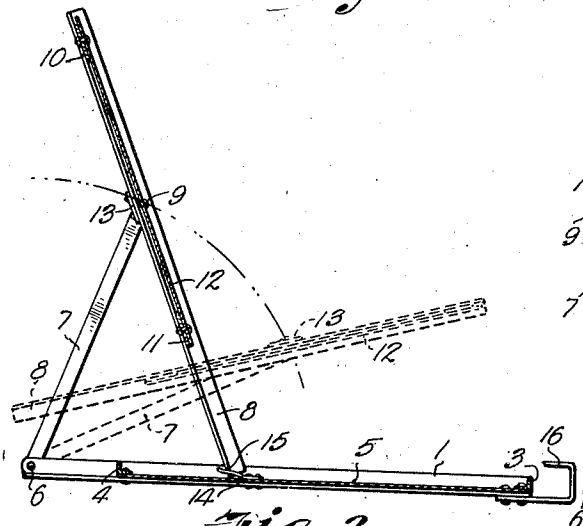


Fig. 2.

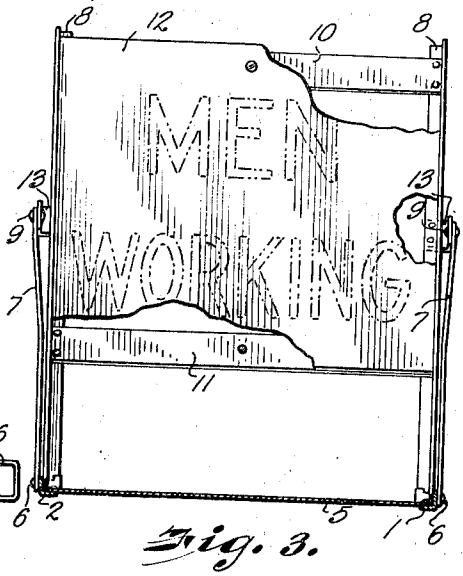


Fig. 3.

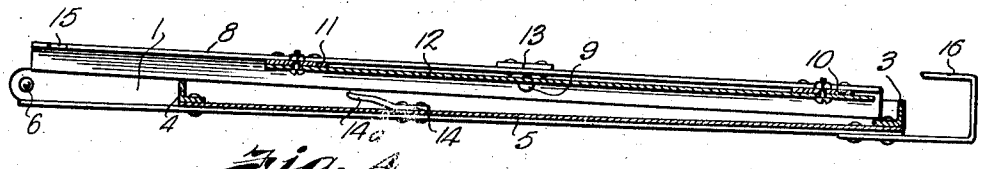


Fig. 4.

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2,324,820

SIGN SUPPORT

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Application June 26, 1941, Serial No. 399,850

1 Claim. (Cl. 40—125)

This invention relates to improvements in sign supports and refers more particularly to a portable collapsible sign support for use in road or highway work. The support is adaptable, as well, for signs or displays of any kind where a relatively small portable sign support is usable.

The novelty of the invention lies primarily in the simplicity and rigidity of construction and the fact that when the support or frame is collapsed, the sign portion lies within, and the face of the sign is completely covered and protected by the sheet base member.

An advantage of the invention as suggested is the rigidity of the construction, making it relatively wind resistant and not easily displaced when erected on a road or highway or in the vicinity of highway work where a sign or notice is desirable.

Another advantage is the ease with which the sign may be collapsed and transported from place to place.

In the accompanying drawing which forms part of the instant specification and is to be read in conjunction therewith and in which like reference numerals are used to indicate like parts in the various views:

Fig. 1 is a plan view of the device, showing the supports in erected position.

Fig. 2 is a side elevational view with parts in section showing the sign partially collapsed in a dotted line position.

Fig. 3 is a front elevation with parts in section.

Fig. 4 is a side section in collapsed position.

Fig. 5 is a detail of the latching devices which fasten the feet of the supports to the base.

Referring to the drawing, the base consists of a frame comprising two side angle members 1 and 2, a front angle member 3 and a rear angle member 4. To this frame is rigidly attached, by riveting or otherwise, a sheet base 5. The side angles 1 and 2 extend beyond the sheet base in the form of extensions shown in Figs. 1 and 2. To the rear of these extensions of the side members are pivoted, at 6, brace members 7.

The sign support proper consists of two uprights 8 hinged at 9 to the braces 7. Between the uprights 8 are an upper cross piece 10 and a lower cross piece 11. Fastened to the cross pieces 10 and 11 and held between the uprights 8 is a sign 12. Hinged brackets 13 are attached to the sign supports 8 about midway their length and serve as a pivot support for the rivets or bolts by means of which the braces 7 are pivoted to the uprights 8. Attached to the bottom portion of the side angles which form a part of the frame for the base are latch members 14. These latch members have a free end 14a which engages slots 15 cut in the inside flanges near the lower extremities of the upright supports 8. Attached to the side frame members at the front edge of the base are hooks 16. These hooks are used in transporting the sign, as they may be hooked onto the side of a vehicle or to supports within the vehicle in hanging the collapsed signs in a convenient and out of the way place.

In collapsed position as shown in Fig. 4, the side members of the base frame 1 and 2, the uprights 8, and the braces 7 lies in a parallel position. When collapsed, the free ends of the hooks 16 are protected to some extent by the position of the uprights or sign supports. In erecting the sign, the uprights 8 are raised as shown in the dotted line position in Fig. 2 and the entire superstructure, including the uprights and braces swung on the pivot 6 to a position shown in full lines in the side elevational view. In this position, the slots in the feet or lower extremities of the uprights 8 are engaged by the latching members 14a, at which time the upright flanges of the base frame contact the side flanges of the uprights locking the uprights to the base in a rigid position.

In collapsing the sign, it is necessary only to press or kick the uprights 8 rearwardly, near their bottom extremities, thus releasing the locking engagement of the feet of the uprights with the latch members 14a of the base. The supports and braces can then be swung in the manner shown in Fig. 2 to a collapsed position as shown in Fig. 4.

In the sheet base 5, midway of the length of the side frame members 1 and 2 are holes in the base, designated as 17. These holes serve as handles to carry the sign when it is in collapsed condition.

It will be understood that certain features and sub-combinations are of utility and may be employed without reference to other features and sub-combinations. This is contemplated by and is within the scope of my claim. It is further obvious that various changes may be made in details within the scope of my claim without departing from the spirit of my invention. It is, therefore, to be understood that my invention is not to be limited to the specific details shown and described.

Having thus described my invention, I claim:

A collapsible display stand comprising a base having extensions at one of its sides, a sign, braces having their ends pivoted at the ends of the base extensions and at substantially the middle of the sign, and interengageable means at the bottom corners of the sign and at substantially the middle of the base for releasably holding the sign upright on the base, the arrangement being such that the sign may be positioned upright at substantially the middle of the base or folded face downwardly against and within the periphery of the base.

SIDNEY E. CAPPS.