May 22, 1928. 1,671,058

A. S. BURKE

STAND CONSTRUCTION FOR POSTERS

Filed Nov. 30, 1927

Fig. 1.

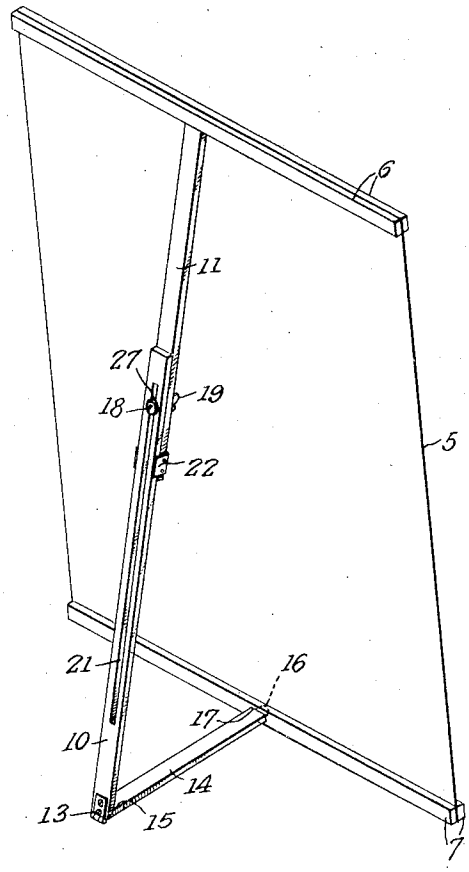


Fig. 2.

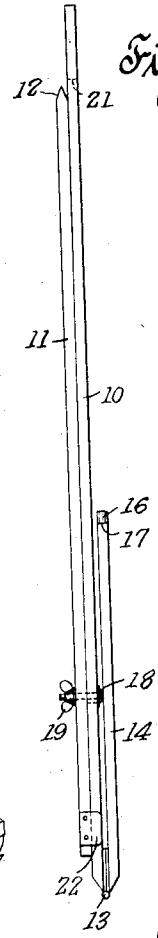


Fig. 3.

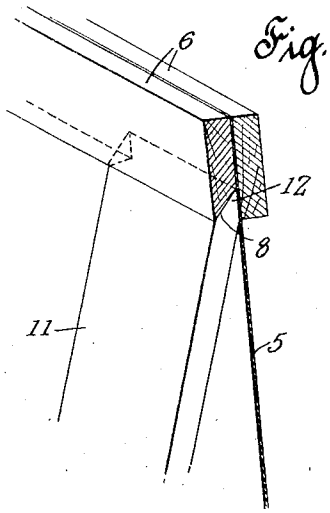
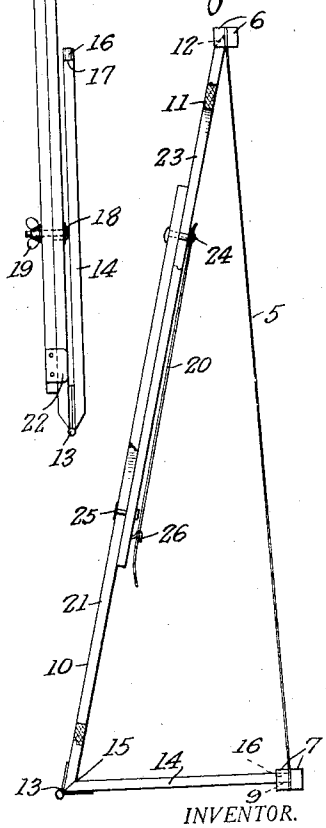


Fig. 4.



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UNITED STATES PATENT OFFICE.

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STAND CONSTRUCTION FOR POSTERS.

Application filed November 30, 1927. Serial No. 236,651.

This invention relates to flexible posters and particularly to the stands or easels for supporting the same.

Special objects of the invention are to provide a poster stand of very simple and inexpensive construction, light in weight, easily set up and taken down and which will be small and compact so that it may be rolled up and shipped with the poster.

These and other desirable objects are attained by constructing the stand as an extensible support from which the poster is hung and by mounting this support on a base which is attached to the foot of the poster so as to be steadied thereby.

In the accompanying drawing forming part of this specification, two practical embodiments of the invention are illustrated.

In the first view, the stand is illustrated in perspective in its normal position of use.

Figure 2 is a side view showing the stand collapsed, ready for shipment.

Figure 3 is an enlarged broken perspective and part sectional detail of the connection of the stand with the upper bar of the poster.

Figure 4 is a part sectional side elevation of a modified form of the device.

The poster is indicated at 5 as a flexible sheet secured between edge strips 6, 6 and 7, 7, at the upper and lower ends of the same. The rearward upper edge strip 6 is shown as notched on its lower inside corner edge at 8 to provide a substantially triangular pocket for the upper end of the stand and the rearward lower edge strip 7 is shown as having a hole 9 therein for the base of the stand.

The stand is shown as consisting of two oversliding straight flat strips 10, 11, of wood or the like, the upper one, 11, having a pointed end 12 to enter the triangular pocket provided in the back of the upper edge bar and the lower member 10 is shown as connected by a hinge 13 with the rearward end of the base strip 14.

The lower end of the supporting member 10 and the rearward edge of the base 14 are shown as meeting on an acute angle 15, this angle determining the forward inclination of the stand when the base and lower edge of the poster rest upon a floor or other support.

The forward end of the base piece 14 is shown as having a cylindrical projection 16 entering the hole 9 in the back of the lower poster strip. The fit of these two parts is fairly tight and the base strip preferably has a squared shoulder 17 engaging the back of the poster strip so that said base will be rigidly braced in its rearwardly extending relation.

The extensible support may be lengthened and secured in position to hang the poster fully distended by different means, such as the bolt and thumb nut employed in Figures 1 and 2 at 18, 19, or by the elastic band indicated at 20 in Figure 4.

In the first construction, Figures 1 and 2, the two parts of the stand are guided in oversliding relation by having the thumb screw extend from the upper piece 11 through a slot 21 in the lower piece 10 and by providing guide lugs 22 on the lower end of the upper piece sliding over the edges of the lower piece.

In the second construction, Figure 4, the upper piece 11, as well as the lower piece 10 is longitudinally slotted as shown at 23, and the upper end of the elastic supporting band 20 is attached to a bolt 24, passing freely through the slot in the upper member and fixed at the back in the lower member 10. A bolt 25 fixed at the lower end of the upper member works in the slot 21 in the lower member 10 and the lower end of the band or tape is shown engaged with a hook 26 near the lower end of the upper member. When the band is unhooked from 26, it will be seen that the upper member of the stand is no longer supported by the band and so can be slid down over the lower member of the stand.

In the same fashion, when the thumb nut 19 is loosened in Figure 1, the two members can be slid together, as in Figure 2, so that the overall length is no greater than the full length of the lower or main member of the stand. In this collapsed condition, the base can be folded backward about the hinge as a pivot to bring it up flat against the outer face of the lower member. This stand then forms a small compact bundle which can be rolled or otherwise packed along with the poster.

A locking washer 27 may be placed beneath the head of the wing nut bolt as an aid to retaining the parts in the adjusted relation.

The stand is set up by simply entering the pin 16 on the base into engagement with the foot of the poster, turning the extensible support upward and forwardly until it is

supported by abutment with the inclined rear edge of the base and then after entering the upper end of the support in the pocket in the upper poster bar, extending the support to a height where it supports the poster fully extended. In the first construction illustrated, the support is adjustably held in this relation by the bolt and clamping nut and in the second instance, the same result is attained by the elastic supporting tape. In both cases, variations in the length of the posters are taken care of, automatically, with the elastic band construction, or manually with the clamping screw form of the invention.

It will be clear that instead of the elastic band, an equivalent elastic connection, such as a coiled spring, may be employed. It should be understood also that other modifications on this order may be made, all within the broad scope of the invention as hereinafter claimed.

What is claimed is:

1. An extensible stand for flexible posters, comprising a base, an extensible support adapted for engagement at its upper end with the edge strip of a flexible poster and hingedly connected at its lower end with the base, said base having a stop limiting the forward hinging movement of the support thereover and constructed at its forward end for engagement with the lower frame bar of a flexible poster.

2. A stand for flexible posters, comprising a base for resting on a floor or other support, said base having means at its forward end for rigidly connecting the same with the lower end of a poster and having a bevelled rearward end, a support hinged to the rearward end of said base and having a bevelled lower end to engage the bevelled rear end of the base, said support having means at its upper end for engagement with the upper end of the poster and being longitudinally extensible to support the poster at its full height.

3. In combination with a flexible poster having edge strips provided with pockets, a longitudinally extensible support engageable at its upper end with the pocket in the upper edge strip, a base piece rigidly engageable with the pocket in the lower edge strip, a hinge connection between the lower end of the extensible support and the rearward end of the base piece and abutting shoulders on the support and base piece limiting the hinging movement of the support to an inclined position over the base piece.

4. A flexible poster having edge strips applied to the upper and lower ends of the same, the rearward upper edge strip having a notch in the forward face of the same and the rearward lower edge strip having an opening therein, a base piece having a projection engageable in said opening and shouldered to abut solidly against the back of said rearward lower edge strip, said base piece having a bevelled rear edge, an extensible support having a bevelled lower end engageable with the bevelled end face of the base, a hinge pivotally connecting the lower end of the support with the rear end of the base piece, the upper end of the extensible support being engageable with the notched portion of the rearward upper edge strip and means for retaining the extensible support extended to hang the poster its full height.

In testimony whereof I affix my signature.

ARTHUR S. BURKE.