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STAND FOR FLEXIBLE POSTERS

Filed June 8, 1931

Fig. 1.

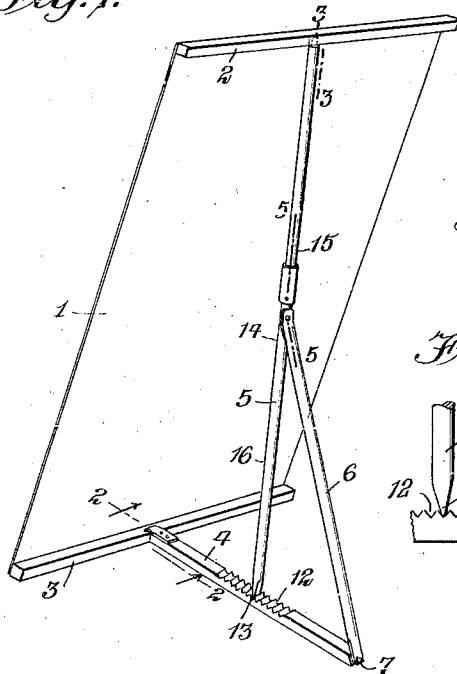


Fig. 2.

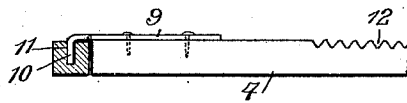


Fig. 3.

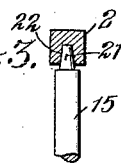


Fig. 4.

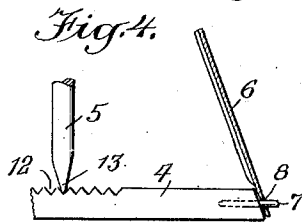


Fig. 5.

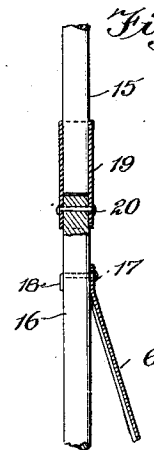


Fig. 6.

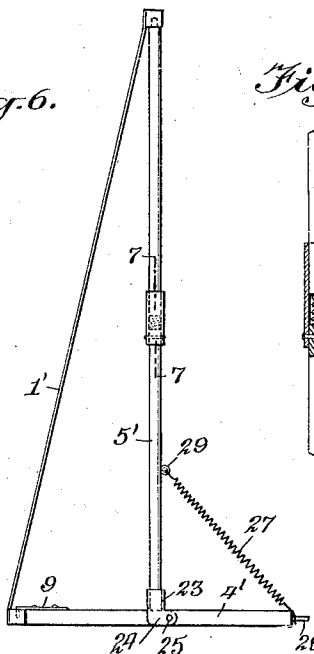


Fig. 7.

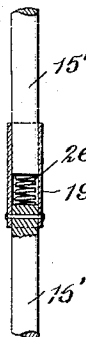


Fig. 9.

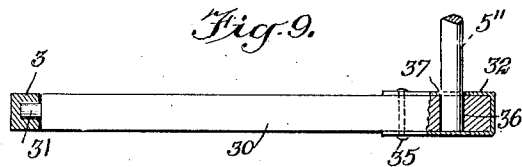
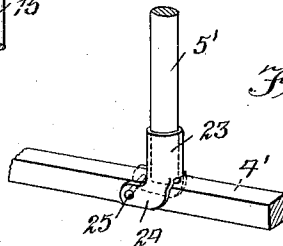


Fig. 8.



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STAND FOR FLEXIBLE POSTERS

Application filed June 8, 1931. Serial No. 542,944.

This invention relates to stands for posters and particularly large flexible posters, the object being to provide a simple but strong construction which may be quickly
5 set up or knocked down.

Another object is to provide a flexible poster stand wherein the tension is secured by shifting the upright.

An additional object is to provide in a
10 flexible poster a stand removably connected to the top and bottom of the poster and arranged with an upright which produces a flexible action either directly or indirectly for maintaining part of the stand in a set
15 up or operative position.

In the accompanying drawings—

Figure 1 is a rear perspective view of a poster and a stand therefor disclosing an embodiment of the invention.

20 Figure 2 is an enlarged fragmentary sectional view through Figure 1 approximately on line 2—2.

Figure 3 is a fragmentary sectional view through Figure 1 approximately on line
25 3—3.

Figure 4 is a fragmentary side view of the rear end of the base and part of the bracing structure, certain parts being shown in section.

30 Figure 5 is a fragmentary sectional view through Figure 1 approximately on line 5—5.

Figure 6 is a side view showing a modified form of stand with a flexible poster connected therewith.
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Figure 7 is an enlarged fragmentary sectional view through Figure 6 on line 7—7.

Figure 8 is a perspective view of part of the base and part of the supporting rod
40 shown in Figure 6.

Figure 9 is a view partly in section and partly in elevation showing a modified form of base and upright.

Referring to the accompanying drawings
45 by numerals, 1 indicates a flexible poster and 2 and 3 the end bars for supporting the poster. These end bars may be made of wood or other material and are cemented, tacked or otherwise secured to the poster 1 and real-
50 ly form part of the poster. When discon-

nected from the stand, the poster may be folded or rolled on one or both of the end members. In very large flexible posters some form of support must be provided for holding the same distended and the present
55 invention presents a stand for accomplishing this result and also for holding the poster in a desired position to be viewed.

The stand, generally speaking, consists of the base 4, an upright rod 5 and a brace 6.
60 The base 4 may be made from wood, metal or other material, and it is provided at the outer end with a pin 7 which extends through the aperture 8 in the brace 6. The inner end of the base 4 is provided with a strip of metal
65 9 bent over to present a hook 10 adapted to fit snugly in a notch or slot 11 in bar 3. The upper edge of the base 4 is formed with corrugations 12 preferably centrally thereof. These corrugations could be positioned
70 in some other place or extend the full length of the base. These corrugations are intended to receive the pointed end 13 of rod 5. Rod 5 is formed of two sections, namely, a lower section 14 and an upper section 15. These
75 sections, as shown in Figure 5, coact to make the complete rod which is preferably made of wood and is somewhat resilient. Preferably a nail 17 extends through the upper end of brace 6 and through section 16 after which it is bent over at 18. The sleeve 19 is connected to the upper end of section 16 by a rivet or other clamping member 20.
80 The sleeve extends an appreciable distance above section 16 so that the lower end of section 15 may be removably fitted therein, and when fitted therein will coact with the other parts to produce in effect a solid rod somewhat resilient. The upper end of section 15 is tapered at 21 for fitting into a suitable tapered hole or notch 22 in bar 2. When the parts are in the position shown in Figure 1, the rod 5 is under some slight tension, merely sufficient to hold the poster 1 taut.
85

When it is desired to collapse or fold the stand, the lower end of the rod 5 is grasped, and pulled toward the pin 7. It may be slightly raised so that it will more easily pass over the corrugations 12. After the lower end has been swung to a point near the pin
90 95 100

7, the pointed end 21 may be disconnected from bar 2. Before this action takes place, the brace 6 is slipped off the pin 7. After the rod 5 has been removed, section 15 may
 5 be pulled out of the sleeve 19 and the parts folded into a small bundle. Base 4 then may be disconnected from bar 3 by merely lifting the hook 10 out of the notch 11. The parts will thus be disconnected and
 10 grouped together to form a very small bundle, but when set up as shown in Figure 1 presents a comparatively strong and rigid stand for the poster.

In Figures 6, 7 and 8, a modified form of
 15 stand is disclosed wherein the base 4' is similar to base 4 but is not provided with the corrugations 12 or pin 7. The rod 5' is rigidly connected to the sleeve 23 which sleeve is provided with a bifurcated end 24 straddling the base 4' so that the pivotal pin or
 20 rivet 25 may connect the parts together. The pin 25 is offset from a line extending from the axis of the rod 5' whereby when the rod 5' is substantially at right angles to the base 4', the end of the rod 5' will engage the base 4' so that it cannot swing further to the rear of the base. The upper end of the rod 5' is
 25 identical with that shown in Figure 3 and no further description will be needed. However, the end of section 15' does not engage the end of section 16' in the sleeve 19. A spring 26 is positioned between the ends of sections 15' and 16' so as to produce a tension and thereby maintain the poster 1' taut.
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Under some circumstances, a spring 27 is used, said spring at one end being connected with the pin 28 and at the other to a pin or screw 29. This spring gives the upper part of the rod 5' a tendency to swing to the right
 40 as shown in Figure 6. When spring 27 is used, the spring 26 could be eliminated or used as desired.

In Figure 9, a further form of the invention is set forth wherein the base 30 is provided with a pin 31 extending through a suitable opening in the bar 3 while the opposite end is encircled by U-shaped protecting metal strips 32 held in place by the rivets 33. An aperture 36 extends entirely through base 30 and is positioned in line with the aperture 37 in strips 32. A rod 5'' is positioned at the base fitting into the apertures 35 and 36. In this form of the invention, either of rods 5 or 5' could be used. Preferably the
 55 rod is one piece throughout and of the exact length to extend from the socket 36 to the upper bar 2 of the poster 1. The resiliency of the rod 5 which is preferably made of wood is sufficient to permit the insertion of the upper end thereof into bar 2, said upper end being made identical with the upper end of the rod 5. In this form as well as in all the other forms, it will be seen that a tension is secured for holding the poster 1 taut and
 60 this tension is exerted through a rod of some

kind, spring tensioned or otherwise tensioned in such a way as to maintain a constant tension and also to act with the base for presenting the easel or stand.

We claim:

1. In combination with a large flexible poster, having edge bars, a base removably connected with one of said bars, a rod engaging the center of the opposite bar and resting on said base, means on the base for preventing said rod from slipping, and a brace extending from the end of said base furthest from the poster to substantially the center of said rod. 70

2. A stand for flexible posters provided with apertured top and bottom bars, a base having a member fitting into the aperture in one of said bars, a substantially vertically positioned rod having an extension fitting into the aperture of the other bar, said base having corrugations on its upper face, said rod being substantially pointed at its lower end, and adapted to fit into certain of said corrugations, the length of said rod being such that as the pointed end of the rod is moved toward the poster, more and more tension will be applied to the rod and consequently to the poster. 75 80 85 90

3. A stand for a flexible poster provided with top and bottom bars, a base removably connected to one of said bars, a rod removably connected at the upper end with the other of said bars, means for adjustably connecting the lower end of said rod to said base at different points along the base, and a brace acting on said base and on said rod. 95 100

4. A collapsible stand for flexible posters including a base adapted to be connected to the poster at one end, a rod being adapted to be connected to the opposite end of the poster, said rod having its lower end adjustably positioned on top of said base between the ends thereof, said rod being formed in a plurality of parts and removably connected together, and a brace for bracing said rod, said brace being swingably connected with one part of said rod and removably connected to said base. 105 110

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