May 7, 1935. A. STALZER 2,000,358

CURTAIN STRETCHER

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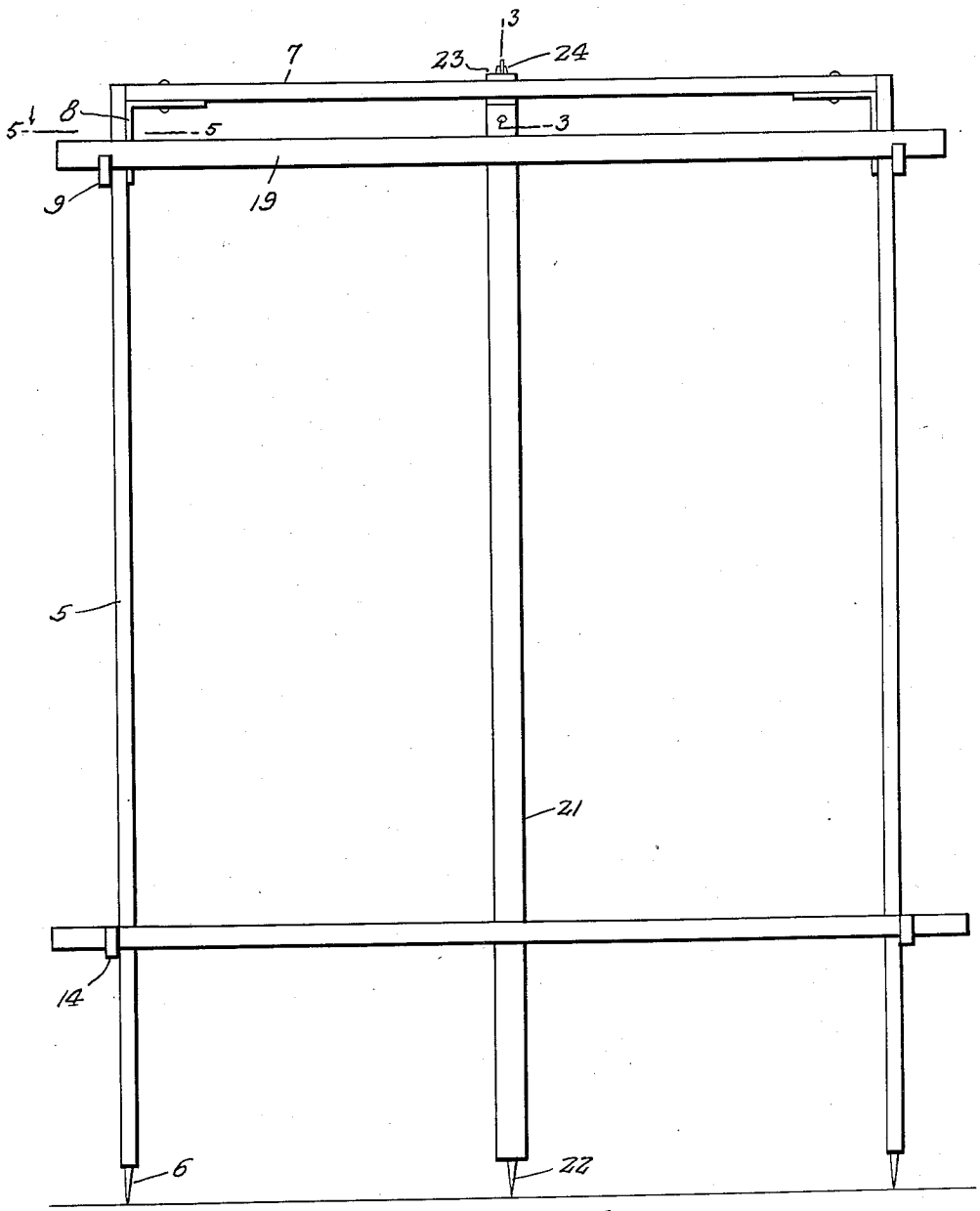


Fig. 1.

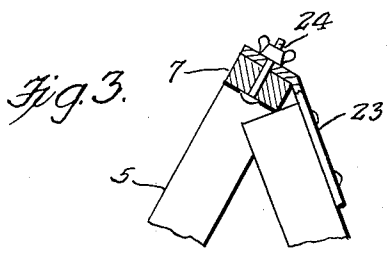


Fig. 3.

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Fig. 4.

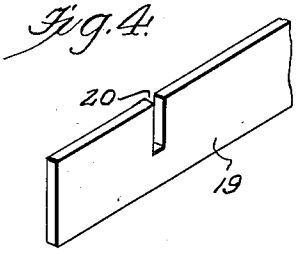
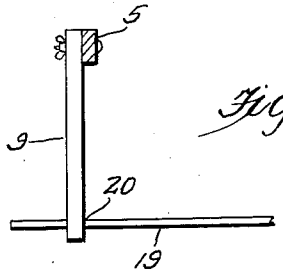


Fig. 2.

Fig. 5.



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CURTAIN STRETCHER

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Application July 16, 1934, Serial No. 735,471

2 Claims. (Cl. 45—24)

The present invention relates to a curtain stretcher and the object of the invention resides in the provision of a structure which is exceedingly simple, inexpensive to manufacture, strong and durable, easy to adjust, and thoroughly efficient and reliable in use and otherwise well adapted to the purpose for which it is designed.

With the above and numerous other objects in view as will appear as the description proceeds, the invention consists in certain novel features of construction, and in the combination and arrangement of parts as will hereinafter be more fully described and claimed.

In the drawings:

Figure 1 is a front elevation of a curtain stretcher embodying the features of my invention.

Figure 2 is a side elevation thereof.

Figure 3 is a detail sectional view taken substantially on the line 3—3 of Figure 1.

Figure 4 is a perspective view of one end of a cross rod or bar, and

Figure 5 is a detail sectional view taken substantially on the line 5—5 of Figure 1.

Referring to the drawings in detail it will be seen that numerals 5—5 denote a pair of legs on the lower ends of which are spikes 6. Numeral 7 denotes a cross bar attached to the upper ends of the legs 5 by angle brackets 8. Arms 9—9 are secured to the upper portions of the legs 5—5 to project forwardly therefrom at right angles thereto by means of bolts 10 having wing nuts 11 associated therewith. The upper edges of the arms 9 have pluralities of notches 12. A pair of arms 14—14 are secured to the lower portions of the legs 5—5 by means of bolts 15 having wing nuts 16. The bolts 15 extend through longitudinally disposed slots 17 in the legs 5. These arms 14 are adapted to be disposed at right angles to the legs. The arms 14 are provided with a plurality of notches 18 on the bottom edges thereof. Flat bars 19 are adapted to be passed through the hems at the ends of the curtains to attach the curtain to the bars though if the curtains are not provided with hems, the bars can be connected with the curtains in any suitable manner. The upper bars are placed in the notches 12 of the upper arms 9 and the lower bars in the notches 18 of the lower arms 14 and then by adjusting the lower arms downwardly, the curtains will be held in stretched condition. One of the bars is formed with a notch 20 adjacent each end thereof, this notched bar being indicated at 13' and it is placed in engagement with the outermost pair of notches in the two arms 14 with its notches 20 interfitting with the outermost notches of the arms 14 as shown in Fig. 2. This bar 19' is passed through the lower hem of the outermost curtain and said bar prevents the lower part of the frame composed of the legs 5 from drawing together. The legs 5 are adapted to be disposed on an incline as shown in Figure 2 and for this purpose I provide a prop 21 on the lower end of which is a spike 22. On the upper end of the prop 21 is an angular bracket 23 secured to the center of the cross bar 7 by a bolt and wing nut structure 24. Obviously this curtain stretcher is adjustable because the arms 14 may be moved toward or from the arms 9 by obvious manipulation of bolts 15 and wing nuts 16. When the curtain stretcher is not in use the loosening of the nuts 11 and 16 will permit the swinging of the arms 9 and 14 respectively alongside of the legs and by removing the nut 24 the prop may be removed and thus the entire structure may be stored away in a relatively flat like receptacle or space.

It is thought that the construction, utility and advantages of this invention will now be quite apparent to those skilled in this art without a more detailed description thereof.

The present embodiment of the invention has been described in considerable detail merely for the purposes of exemplification since in actual practice it attains the features of advantage enumerated as desirable in the statement of the invention and the above description.

It will be apparent that changes in the details of construction, and in the combination and arrangement of parts may be resorted to without departing from the spirit or scope of the invention as hereinafter claimed or sacrificing any of its advantages.

Having thus described my invention, what I claim as new is:

1. A curtain stretcher of the class described comprising a pair of parallel legs, a cross bar connecting the upper ends of the legs together, a prop connected with the cross bar, an arm having one end fastened to the upper part of each leg and extending outwardly at right angles therefrom, said arms having notches in their upper edges, a lower arm for each leg, the lower part of each leg having longitudinally extending slots therein and a bolt and nut for connecting one end of each lower arm to a leg with the bolt passing through the slot, each lower arm having a longitudinally extending row of notches in its lower edge, flat bars adapted to be passed through the hems in the ends of the curtains, the upper

bars being adapted to be placed in the notches of the upper arms and the lower bars in the notches of the lower arms, one bar having a notch adjacent each end thereof passing through the upper edge of the bar, the notches in said bar being adapted to interfit with the outermost notches in the lower arms.

2. A curtain stretcher of the class described comprising a pair of substantially parallel legs, a cross bar connecting the upper ends of the legs together, a prop connected with the cross bar, an arm having one end fastened to the upper part of each leg and extending outwardly at right angles therefrom, said arms having notches in their upper edges, a lower arm for each leg, means connecting one end of each lower arm to a corresponding leg, said means enabling adjusting the lower arms toward and away from the upper arms along said legs, each lower arm having a longitudinally extending row of notches in its lower edge, bars adapted to be passed through the upper and lower hems in the ends of the curtains, the upper bars being adapted to be placed in the notches of the upper arms and the lower bars in the notches of the lower arms, the upper edge of one of said bars being formed with a notch adjacent each end thereof, the notches in said bar being adapted to interfit with notches in the lower arms.

AUGUST STALZER.