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GARMENT SUPPORTER AND STRETCHER.

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1,252,125. Patented Jan. 1, 1918.

Fig. 1.

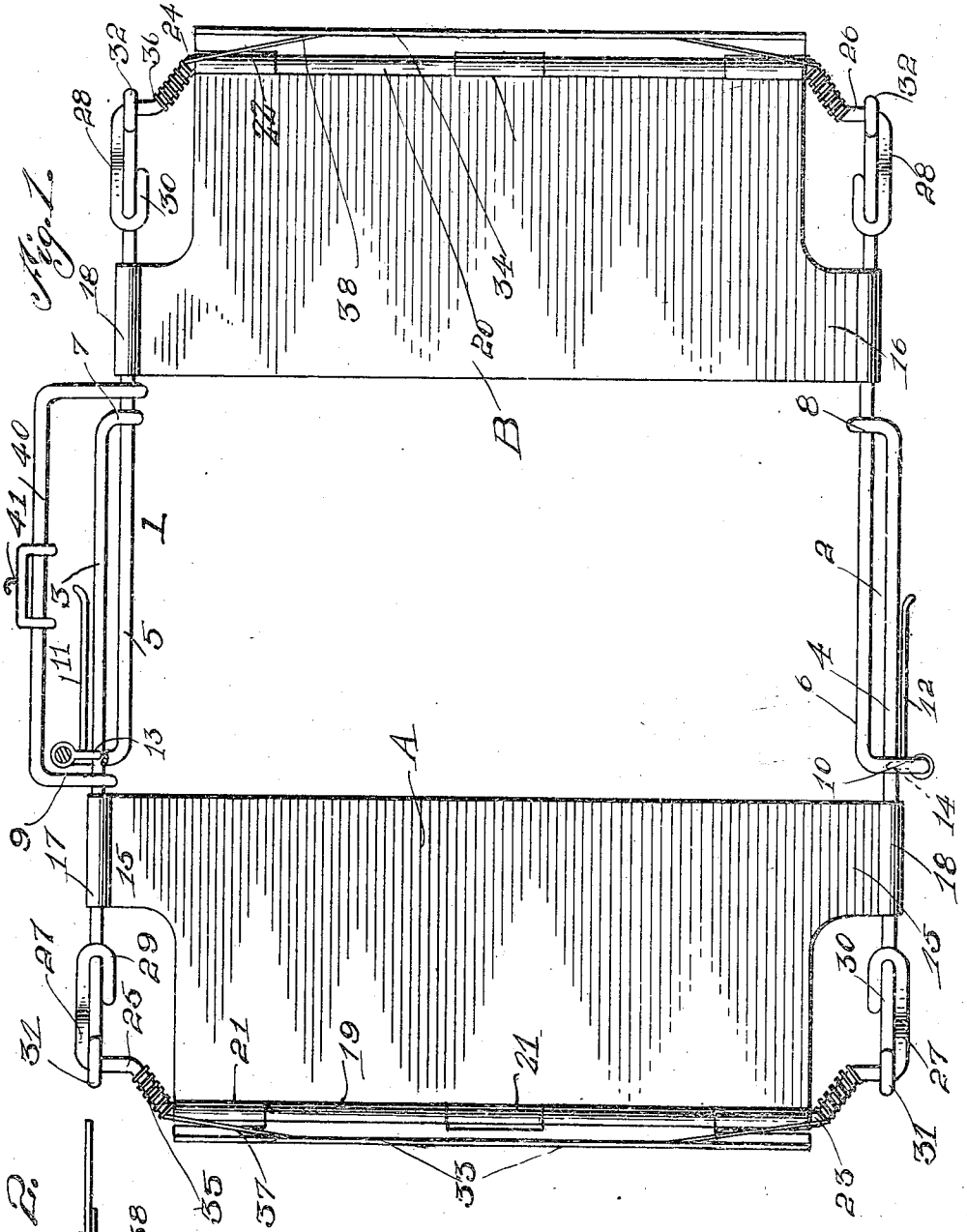
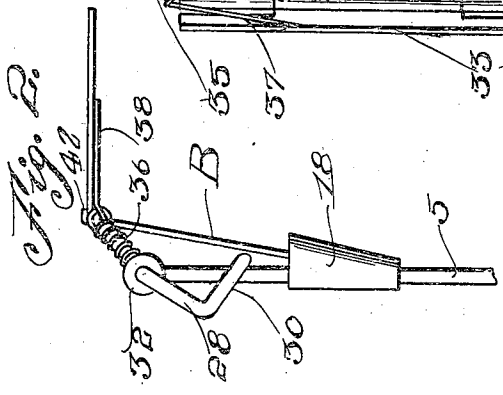


Fig. 2.



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GARMENT SUPPORTER AND STRETCHER.

1,252,125. Specification of Letters Patent. Patented Jan. 1, 1918.

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To all whom it may concern:

Be it known that I, FREDERICK W. KRAFFT, a citizen of the United States, and resident of Berkeley, in the county of Alameda and State of California, have invented certain new and useful Improvements in Garment Supporters and Stretchers, of which the following is a specification.

The present invention relates to new and useful improvements in garment supporters and stretchers and has particular reference to an improved type of adjustable and yieldable garment clamping and stretching device, the primary object being to provide a device of this character which is simple in construction cheap to manufacture, strong and durable and effective in operation.

My invention contemplates the provision of an improved adjustable garment stretcher having means associated therewith for supporting the garment in the shape in which the same is worn and will therefore be found particularly adapted for use in clamping and supporting coats, cloaks and similar garments.

Other objects and advantages to be derived from the use of my improved garment stretcher will appear from the following detail description and the claims, taken with an inspection of the accompanying drawing, in which:—

Figure 1 is a front elevational view of a garment support embodying the improvements of my invention; and

Fig. 2 is a fragmentary end view of the same.

Referring more particularly to the drawing, wherein similar characters of reference designate like and corresponding parts throughout the various views, my improved garment support preferably comprises pairs of side bars generally designated 1 and 2. The side bars are designated, for convenience in describing, 3, 4, 5 and 6 and form the connecting means between the two adjustable sections of my improved support. The inner free ends of the bars 3, 4, 5 and 6 are provided with loops 7, 8, 9 and 10, respectively, the loops of each bar engaging the other bar as best shown in Fig. 1. The loops 9 and 10 are formed slightly larger than the loops 7 and 8 and serve to carry arms 11 and 12 pivoted on the outer portions of the loops 9 and 10. The arms 11 and 12 are provided with recessed enlargements 13 and 14, respectively, for biting engagement with the bars 3 and 4, at times, to prevent relative movement of the sections.

The sections of the improved supporter of my invention carry plates A and B having extensions 15 and 16, respectively, on their opposite marginal edges, said extensions being formed with tubular tapering portions 17 and 18, respectively, for engagement about the bars 3, 4, 5 and 6.

The outside marginal edges of the plates A and B are recessed as at 19 and 20 to form extensions rolled as at 21 and 22 to form bearings for rods 23 and 24, said rods having the free end portions thereof formed with cranks 25 and 26 having right angularly formed portions 27 and 28 terminating in elongated loops 29 and 30, said loops being engaged about the side bars 3, 4, 5 and 6. These loops form movement limiting means for the plates A and B, owing to the fact that the said plates are connected at their outer ends with the rods 23 and 24, and as the loops are formed on the extremities of the rods, and are bent about the side bars of the frame, it is obvious that movement of the rods will consequently be limited, and likewise limiting the movement of the plates. The cranks 25 and 26 are journaled in eyes 31 and 32 formed on the outer free ends of the bars 3, 4, 5 and 6.

Mounted on the shaft or bars 23 and 24 I provide yieldable wings 33 and 34, the inner ends of the wings being hingedly mounted on said rods between the extensions 21 and 22 of the plates A and B. Coil springs designated 35 and 36 are mounted on the crank portion 25 and have their free ends 37 and 38, respectively, engaging said wings 33 and 34. This serves to maintain the wings in the outermost positions for a purpose which will hereinafter appear. It will also be noted that the springs 35 and 36 serve to maintain the plate B in angular relation to the side bars of the support so as to cause the whole structure to conform to the shape as nearly as possible, of a coat, cloak or similar garment. I provide an ordinary coat or garment hanger 40, U-shaped in configuration, and provided with loops for engagement with the side bars and a hook 41. The hanger may be removed when desired. Steps 42 limit the outward movement of the wings.

In use the garment is placed on the plates

A and B with the wings open. The garment is now folded and the wings brought down into clamping engagement with the garment. The crank portions 25 and 26 serve to stretch the garment, when the clamps are compressed.

As is clearly shown in the drawings, when the stretcher is in normal position, the plates A and B are angularly disposed with relation to the side bars of the frame, but after the clamping wings have been swung in position over a garment, the plates are straightened out, being positioned substantially in a single plane with the frame, this action being permitted owing to the cranks that connect the ends of the end bars with the side bars of the frame, whereupon the said plates will be moved outwardly a short distance at each end of the device to stretch the garment correspondingly.

From the above description taken in connection with the accompanying drawing, it is thought that a clear and comprehensive understanding of the construction, operation and advantages of my invention may be had, and while I have shown and described the device as embodying a specific structure, I desire that it be understood that I may make such changes in said structure as do not depart from the spirit and scope of the invention as claimed.

Having thus fully described my invention, what I claim as new and desire to secure by Letters Patent, is:

1. A garment stretcher of the class described, including slidably connected sections comprising side bars having plate portions pivotally associated therewith, spring expanded wings carried by said plates, movement limiting means for said plates, and means for suspending said garment supporter for the purpose specified.

2. A garment stretcher of the class described including a substantially rectangular shaped longitudinally adjustable frame, cranks connecting the end bars of the frame with the side bars, plates pivotally mounted on the end bars and loosely connected with the side bars of the frame, garment clamping wings pivotally mounted on said end bars, spring means to normally hold the plates angularly disposed with respect to the frame, and movement limiting means on the end bars coöperatively related with the side bars of the frame.

In testimony whereof I affix my signature hereto.

FREDERICK W. KRAFFT.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."