June 1, 1948. M. J. KRAFT 2,442,364

GARMENT BAG SUPPORTING FRAME

Filed March 24, 1944

Fig. 1.

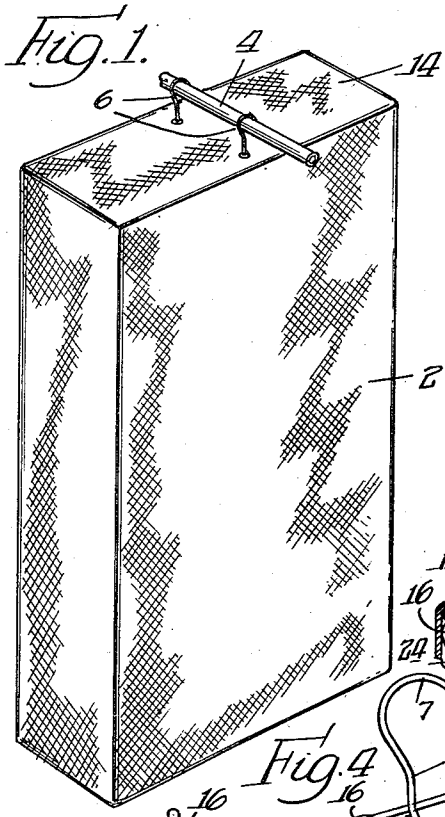


Fig. 2.

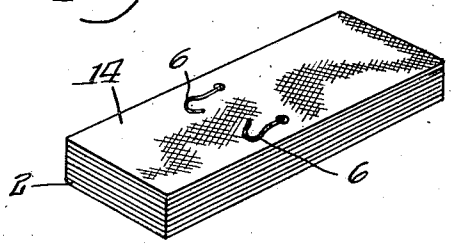


Fig. 3.

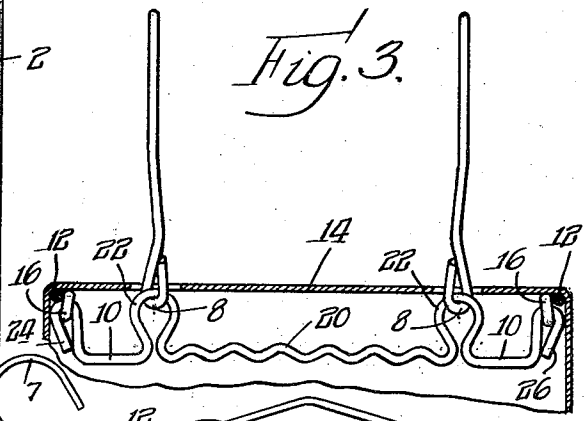


Fig. 4

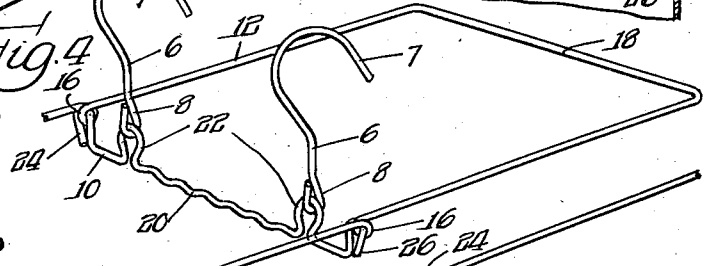


Fig. 7.

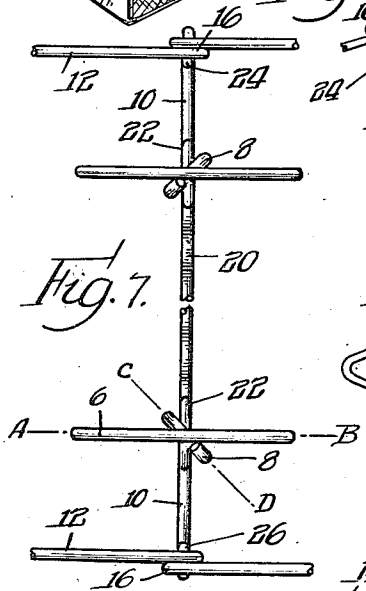


Fig. 5.

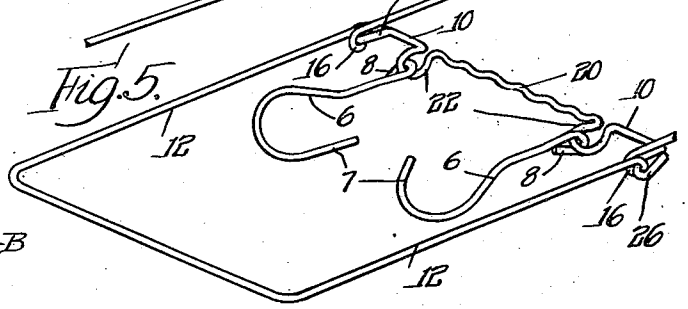
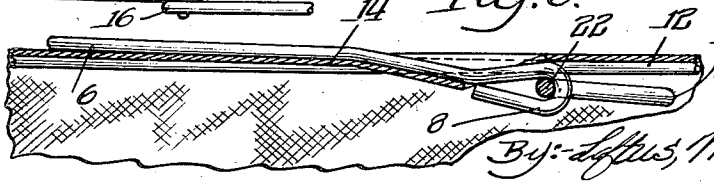


Fig. 6.



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GARMENT BAG SUPPORTING FRAME

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Application March 24, 1944, Serial No. 527,995

1 Claim. (Cl. 206—7)

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This invention relates to supporting frames for garment bags, and particularly supporting frames formed of wire whereby the top of the garment bag is supported in an open position, preferably rectangular, and whereby also the supporting frame is provided with means for supporting garments therefrom and with means whereby it itself may be supported from a pole or other series of supports, the arrangement being such that the wire supporting mechanism will collapse or fold into a single, substantially flat plane for packing purposes, and whereby when the frame is attached to a collapsible bag the hook mechanism and the frame will collapse substantially into the plane of the top of the bag.

It is an object of the present invention to provide a garment bag and garment suspension means formed of wire and having a cross bar connected to a main frame, which cross bar is for supporting garment hangers, and hook means for supporting the entire frame from a support, the hook means and cross bar and main frame all being formed of wire and arranged with pivotally interconnecting parts so that the main suspending hook and cross bar may swing or collapse into the plane of the main frame for compactness.

Yet another object of the invention resides in providing a wire frame of the foregoing characteristics wherein the angle of the bends of the hooks with relation to the cross bar on the main frame is such that the hooks may pivotally swing into two different positions, one when the hooks are suspended from a support or pole, and secondly when the hooks are in collapsed position such that they will swing and lie flat on the top of the bag and substantially parallel and in the plane of the main wire frame.

Other objects of the invention will be apparent from a perusal of the following specification when taken in connection with the accompanying drawings, wherein:

Figure 1 is a perspective view of a garment bag with which the present invention is associated;

Figure 2 is a view of the bag in collapsed position;

Figure 3 is a view showing the frame itself in position within the top of the bag;

Figure 4 is a view of the frame in the same position in which it would be when supporting the bag, as for instance in Figure 1;

Figure 5 shows the same frame wherein the cross member and the hooks are collapsed into the plane of the frame proper;

Figure 6 is a side view partly in section, showing the manner in which the hook handles and

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cross frame collapse substantially into the plane of the frame proper; and

Figure 7 is a top plan view looking down, showing the arrangements of the planes of the hooks and their eye portions.

Referring now to the drawings in detail, the frame forming the subject matter of this invention is adapted to be used in association with a bag of the collapsible, flexible type, preferably a rectangular bag, as shown at 2 in Figure 1. This bag is generally made of paper or other material and will collapse into a compact condition as shown in Figure 2. The bag is adapted to be supported from a pole 4 or other support by means of one or more hook members 6 which have their upper ends formed hook-shaped to hook over the pole 4. These hook members are preferably formed by wire stock and their shanks at the bottom are provided with integrally formed eyelets 8 which are adapted to embrace a cross bar 10 which is adapted to be connected to the main rectangular frame 12. This frame, as shown in cross section in Figure 3, is adapted to be inserted beneath the top of the rectangular portion 14 of the bag for supporting it in depending position. This frame 12 is preferably formed of wire herein shown as a single piece of wire formed with integral loops or eyes 16 on either longitudinal side. The free ends of the wire are welded together as at 18 to form a closed rectangular frame. The loops 16 are formed oppositely of the central portion of the frame.

Means is provided for supporting garments from this bag supporting frame 12, the means taking form in the present invention as a wire cross bar. This cross bar is provided with an integral wave-like section 20, the valleys of which are adapted to receive a series of hooks from garment holders, whereby the garment holders may be supported in spaced relation from this cross bar 20. In addition, the cross bar is provided with integral looped portions 22 for receiving the eyes 8 of the hooks 6, and the looped portions 22 are substantially closed, that is, the bottom or inner ends thereof approach one another where they merge with the body portion of the cross bar so as to increase the effective length of the cross bar and enable it to accommodate a maximum number of hangers. The opposite ends of the cross bar are provided with eyes or hooked portions 24 and 26 which engage in the loops 16 of the side bars 12 by which construction the cross bar 10 may shift from a vertical position as shown in Figure 4, at which its plane is at a right angle to the plane of the top of the wire frame 12, to

a ninety degree position, such as is shown in Figure 5, wherein the plane of the cross bar is substantially in the plane of the wire frame 12.

In addition, the hooks, being pivotally mounted within the looped portions 22, are arranged so that the bottoms of their eyes 8 as well as the adjacent crossed outer ends of looped portions 22 are substantially in the horizontal plane of the wire frame 12 and the hinge connections of the cross bar with the wire frame so as to reduce to a minimum movement of the connections between the hooks and the looped portions 22 when the cross bar is moved between depending and collapsed positions. It will be noticed that these hooks are bent so that their eye portions 8 are bent obliquely or diagonally out of a vertical plane passing through the upper hook portions 7 of the hook 6. For instance, with reference to Figure 7, which is a top plan view looking down upon the hook, the plane of the hook portions occupies the plane A—B and the lower hook portions 8 occupy the plane C—D. By means of this arrangement the hooks will in a way swivel on the eye portions 22 of the cross frame 10 so that when the bag is suspended from the pole 4 the hooks 7 can lie parallel one to the other and at right angles to the pole 4 while at the same time, when the hooks collapse into the situation shown in Figures 5 and 6 the bent portions of the hooks will permit the hook portions 7 to lie flat substantially in the plane of the main wire frame 12, or whereby, as shown in Figure 2, to permit them to lie flat on the top portion 14 of the bag. In this position wire 20 lies in the plane of the frame 12.

Obviously the invention is not limited to the specific details of construction disclosed herein but is capable of other modifications and changes without departing from the spirit and scope of the appended claim.

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

A device for supporting a garment bag and a plurality of hangers within the bag and comprising a substantially rectangular wire frame adapted to fit within the bag and around the periphery of the upper end thereof, the sides of said frame lying in a common plane and a pair of opposite sides of said frame having looped portions providing eyes at opposed points, a wire cross bar having the ends thereof bent upwardly at substantially right angles thereto and thence through said eyes whereby to hingedly connect the cross bar to the frame for pivotal movement between a hanger receiving position depending from said frame in a plane at right angles to the plane of the frame and a collapsed position lying substantially in the plane of said frame, said cross bar being bent intermediate the ends thereof to provide an upstanding loop disposed in the plane of the upwardly bent ends thereof and substantially closed where merging with the body of the cross bar whereby to afford increased space along the cross bar for accommodating a maximum number of hangers, the outer closed end of said upstanding loop lying substantially in the plane of said frame and the hinge connections of the cross bar therewith whereby to minimize shifting of the outer end of said loop during pivotal movement of the cross bar between collapsed and hanger receiving positions, and a supporting wire having an outer open hook portion and an inner closed loop portion interengaged with the loop on said cross bar and disposed in a plane which is oblique to the plane of said hook portion whereby to permit said hook portion to lie flat in the plane of said frame when the cross bar is swung to collapsed position.

MARIE J. KRAFT.

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