

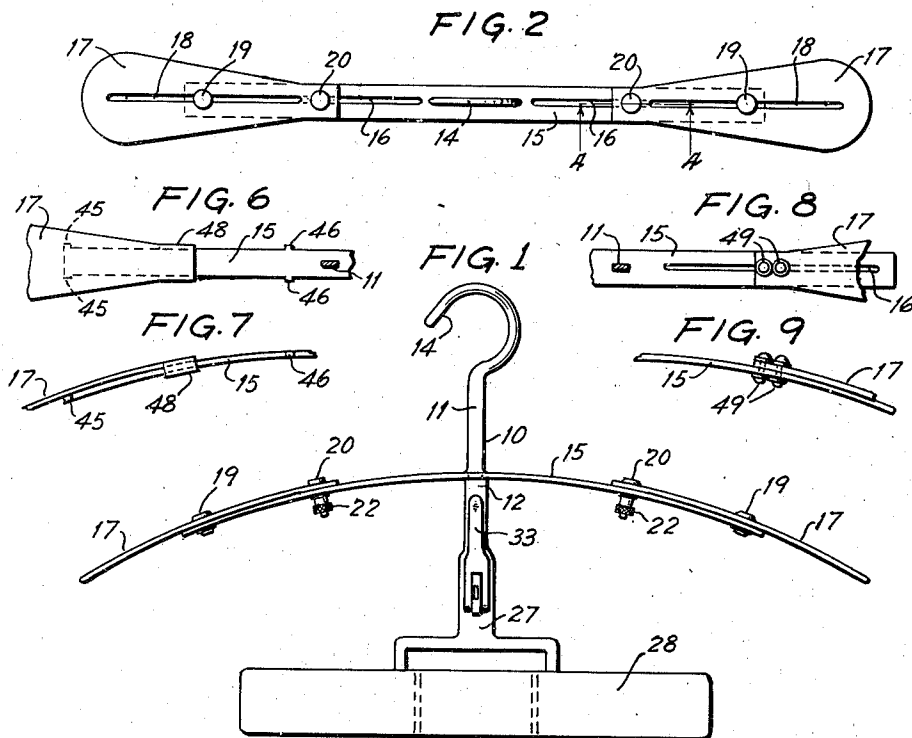
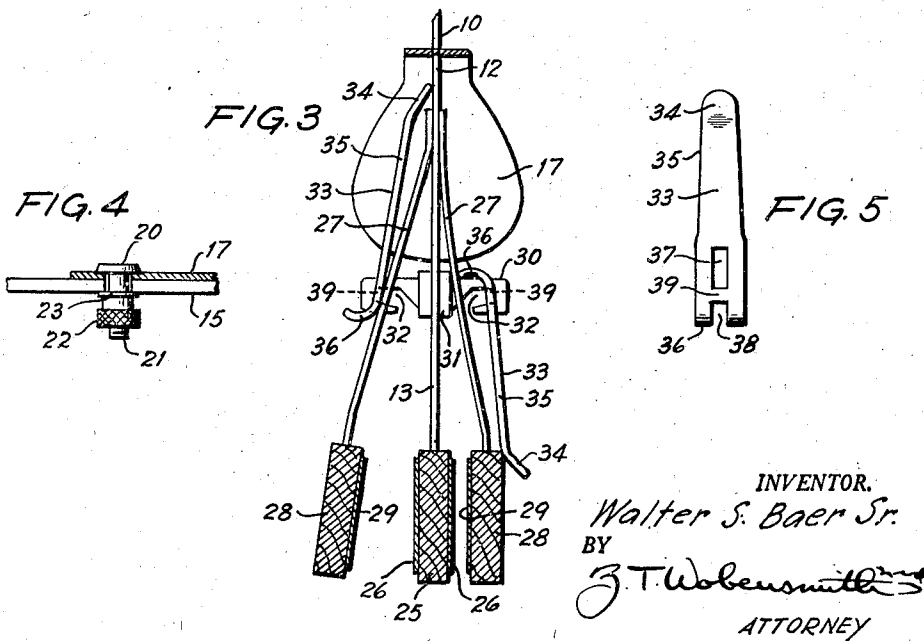
March 1, 1949.

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2,463,136

GARMENT HANGER

Filed Dec. 31, 1946



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2,463,136

GARMENT HANGER

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Application December 31, 1946, Serial No. 719,489

5 Claims. (Cl. 223-90)

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This invention relates to garment hangers, and more particularly to a garment hanger having a wide range of adaptability for garments of various sizes and types.

It is the principal object of the present invention to provide a garment hanger capable of being made by mass production methods and suitable for simultaneously supporting a plurality of garments in accordance with the desire of the user.

It is a further object of the present invention to provide a garment hanger having a portion for supporting a coat, which is adjustable to accommodate a wide range of sizes.

It is a further object of the present invention to provide a garment hanger having provisions for supporting a coat, and for supporting one or more skirts or pairs of trousers in accordance with the desire of the user.

It is a further object of the present invention to provide a garment hanger in which the skirt or trouser hanging portions are adapted to be locked in supporting position.

Other objects and advantageous features of the invention will be apparent from the specification and claims.

The nature and characteristic features of the invention will be more readily understood from the following description, taken in connection with the accompanying drawings forming part hereof, in which:

Figure 1 is a front elevational view of a clothes hanger embodying the main features of the present invention;

Fig. 2 is a top plan view thereof;

Fig. 3 is a transverse view, enlarged, showing certain details of the invention;

Fig. 4 is an enlarged fragmentary sectional view taken approximately on the line 4-4 of Fig. 2;

Fig. 5 is a front elevational view of the locking lever employed in connection with the garment hanger;

Fig. 6 is a fragmentary top plan view of a portion of the garment hanger showing another form of mounting of the end plate;

Fig. 7 is a fragmentary side elevational view of the structure shown in Fig. 6;

Fig. 8 is a fragmentary top plan view of another form of mounting of the end plate; and

Fig. 9 is a fragmentary side elevational view of the structure shown in Fig. 8.

It should, of course, be understood that the description and drawings herein are illustrative merely, and that various modifications and changes may be made in the structure disclosed

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without departing from the spirit of the invention.

Referring more particularly to the drawings, the garment hanger, in accordance with the present invention, preferably includes a central bar or post 10 of flat steel, preferably stamped or otherwise formed and suitably hardened. The bar or post 10 is provided with an upper end section 11 of reduced width, an intermediate section 12 and a lower section 13.

The upper terminal end of the bar 10 is preferably formed or shaped to provide a supporting hook 14 for engagement with a horizontal bar, rod or other supporting element.

At the upper end of the intermediate section 12 of the central bar 10 a garment supporting section is provided, preferably formed of a central plate 15 insertable over the reduced upper section 11 of the post 10 and welded or otherwise secured in engagement therewith. The central plate 15 is of substantially rectangular shape with a downward inclination or curvature, and extending longitudinally therealong a pair of slots 16 is provided.

At the ends of the central plate 15, a pair of end plates 17 is provided, preferably enlarged and rounded at their outer ends and tapered inwardly to the central plate 15. The end plates 17 are also preferably curved and extend downwardly in alinement with the inclination or curvature of the central plate 15, and are provided with longitudinally extending slots 18 for adjustment. Alining rivets 19 carried by the central plate 15 are slidable in the slots 18 in the end plates 17. Bolts 20 carried by the end plates 17 are slidable in the slots 16 in the central plate 15. The bolts 20 have downwardly extending shanks 21 with nuts 22 carried thereon in engagement with washers 23 bearing on the lower face of the central plate 15.

If desired, the central plate 15 may be made, as indicated in Figs. 6 and 7, with sidewise projecting stop lugs 45 at the outer ends thereof and similar stop lugs 46 at the central portion thereof. The end plates 17 will then be provided with collar portions 48 surrounding the central plate 15. The stop lugs 46 and 45 will then serve as inner and outer limits for the movement of the end plates 17 during adjustment.

If desired, the central plate 15 may be formed, as indicated in Figs. 8 and 9, with the slots 16 as before, and each of the end plates 17 may be provided with a pair of spaced rivets 49 extending through the inner ends of the end plates 17 and the slots 16 of the central plate 15 for per-

mitting longitudinal adjusting movement of the end plates 17.

The lower end of the lower section 13 of the bar 10 is forked and has mounted thereon a block 25, preferably of wood, with a cover strip 26 of felt or other resilient gripping material secured on the outer faces thereof.

The central post 10, intermediate the block 25 and the central plate 15, has secured thereto, preferably by spot welding, a pair of downwardly extending spring arms 27 forked at their lower ends and each having a block 28 secured thereto. Each of the blocks 28 is preferably provided, on its inner face, with a cover strip 29 of felt or other resilient material secured to the block 28 in any desired manner, such as by a suitable adhesive.

The central post 10 has extending therethrough, intermediate the block 25 and the upper ends of the spring arms 27, a fulcrum plate 30 which is secured to the central post 10 in any desired manner, such as by being flattened to provide shoulders 31. Each of the spring arms 27 is provided with an opening through which the fulcrum plate 30 extends.

The fulcrum plate 30 has, on each side of the post 10, a slot 32 within which a lever 33 is adapted to be positioned. Each of the levers 33, as illustrated in Figs. 3 and 5, is preferably formed from sheet material and includes an angularly disposed end portion 34 for manual engagement, a flat central portion 35, and a curved or cammed end portion 36, aligned longitudinally extending slots 37 and 38 being provided with a pivot portion 39 therebetween for engagement in the slot 32.

It will be seen from the foregoing that the various constituent parts of the garment hanger may be readily constructed by mass production methods and may be easily assembled and held in assembled relationship.

The central plate 15 and the end plates 17, which support the shoulder portions of a garment to be mounted on the hanger, may be adjusted as desired in accordance with the size of the garment by sliding the end plates 17 to the desired positions of adjustment. The end plates 17 are frictionally held in adjusted position with the mountings shown in Figs. 6 and 7 or in Figs. 8 and 9, or by tightening the nuts 22 to hold the end plates 17 in the adjusted position with the mounting shown in Figs. 1, 2 and 4.

Either or both of the blocks 28 may be moved to a position for insertion of a garment, such as trousers, a skirt or the like, by swinging the plate 33 to the position shown at the left of Fig. 3 with the end 34 disposed upwardly. When it is desired to move the block 28 to gripping position, the lever 33 is swung downwardly, the end 36 thereof urging the spring arm 27 inwardly to bring the block 28 to a position close to the block 25 for clamping of the garment in engagement between the cover strips 26 and 29. It will be noted that the blocks 28 may be actuated independently for the gripping of one or more garments between a block 28 and the block 25.

I claim:

1. In a garment hanger, a central vertical bar having the upper terminal end of hook shape, a shoulder supporting section carried by said bar, a block mounted on the lower end of said central bar, a spring arm secured at its upper end to said central bar and having a block carried at the lower

end thereof for positioning in gripping relation with respect to said first block, and means for moving said spring arm to bring the block carried thereby into gripping position.

2. In a garment hanger, a central vertical bar having the upper terminal end of hook shape, a sidewise extending shoulder supporting section carried by said bar, a block mounted on the lower end of said central bar, a pair of spring arms secured at their upper ends to opposite faces of said central bar and each having a block carried at the lower end thereof for positioning with respect to said first block, and means for selectively moving said spring arms to position the blocks carried thereby in gripping relation to said first block.

3. In a garment hanger, a central vertical bar having the upper terminal end of hook shape, a sidewise extending shoulder supporting section secured to said bar, a block on the lower end of said central bar, a spring arm secured at its upper end to said central bar below said supporting section, said arm having a block carried at the lower end thereof for positioning with respect to said first block, a fulcrum plate carried by said central bar intermediate the upper end of said spring arm and said first mentioned block, and members for moving said spring arm to position the block carried thereby in gripping relation to said first block.

4. In a garment hanger, a central vertical bar having the upper terminal end of hook shape, a shoulder supporting section secured to said bar, a block on the lower end of said central bar, a spring arm secured at its upper end to said central bar below said supporting section, said arm having a block carried at the lower end thereof for positioning with respect to said first block, and a lever pivotally mounted with respect to said bar and in engagement with said spring arm for moving said spring arm to position the block carried thereby in gripping relation to said first block.

5. In a garment hanger, a central vertical bar having the upper terminal end of hook shape, a shoulder supporting section secured to said bar, a block on the lower end of said central bar, a spring arm secured at its upper end to said central bar below said supporting section, said arm having a block carried at the lower end thereof for positioning with respect to said first block, a fulcrum plate carried by said central bar intermediate the upper end of said spring arm and said first mentioned block, and a lever pivotally mounted on said fulcrum plate and having a cammed end in engagement with said spring arm for moving said spring arm to position the block carried thereby in gripping relation to said first block.

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