Dec. 28, 1943. L. LEVIN 2,337,723

GARMENT HANGER

Filed Dec. 17, 1942

FIG. 1.

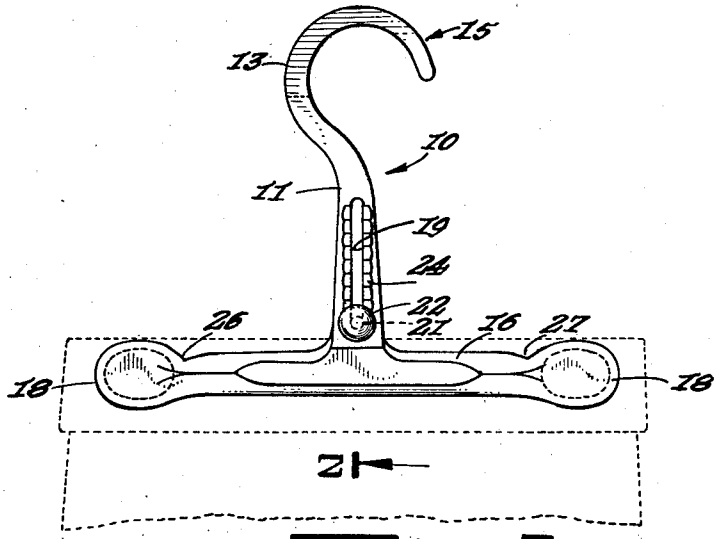


FIG. 2.

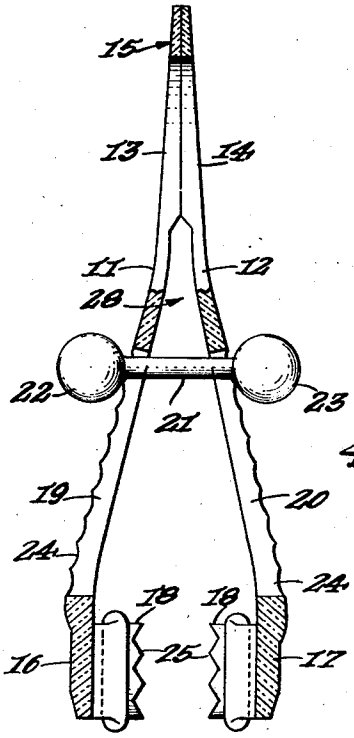


FIG. 3.

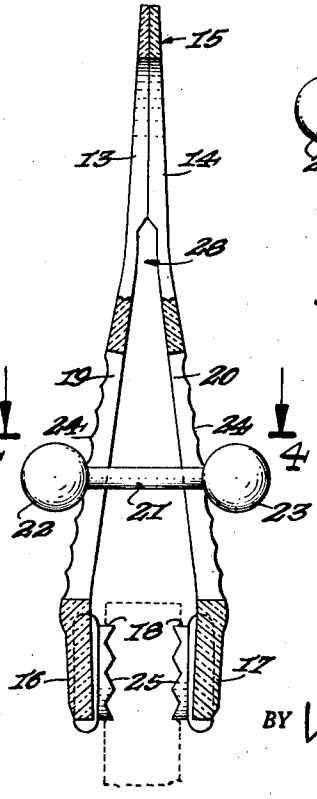


FIG. 4.

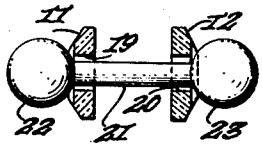
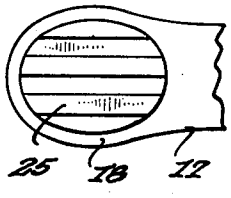


FIG. 5.



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GARMENT HANGER

Leon Levin, Brooklyn, N. Y.

Application December 17, 1942, Serial No. 469,282

1 Claim. (Cl. 223—96)

This invention relates to improvements in garment-hangers and more particularly to trouser-hangers although it may also be used for the hanging of other garments, such as skirts, bathing suits, lingerie, etc.

I am aware of hangers that are used for the hanging of garments, but no garment-hangers heretofore have been made with a clamping arrangement including slots and a locking bar which is located within said slots and adapted to be shifted into locking position, the locking bar having at each end thereof a ball-head engaging notches built into the hanger and adjoining said slots. This arrangement of ball-heads and notches makes it possible to maintain the clamping members securely locked in position at all times and until the locking action is released.

One object of this invention is to provide a trouser-hanger made wholly of plastic material. The hanger is made of a pair of separate but identical portions facing each other and being acetone-welded together although they may be also cemented or otherwise joined to each other.

Another object of this invention is to provide ratchet teeth or notches upon the outer portion of the hanger and adjoining the locking slots to receive or engage the ball surface when the locking bar is pushed within the slots when it is required to lock the hanger.

A further object of this invention is the use of gripping paws to provide a firm gripping and non-slipping action upon the garments clamped within the hanger.

An additional object of this invention is to provide a hanger having a hook, the crotch of the hook having a wide or enlarged portion that is tapered in shape. This tapered portion provides for enough spring action to keep the clamping members apart before being clamped together.

Other objects and features will be apparent from the following detailed description and the accompanying drawing.

Referring to the drawing:

Figure 1 is a side view of the trouser hanger showing the manner in which a pair of trousers (shown in dotted lines in the drawing) is clamped to the hanger.

Figure 2 is a section taken on the line 2—2 of Figure 1, showing the arrangement of the ratchet teeth or notches upon the outside portion of the hanger and also the position of the locking bar and the ball-heads preliminary to clamping the hanger closed.

Figure 3 is a similar section as shown in Figure 2, showing the position of the locking bar and ball-heads when clamping a pair of trousers within the hanger.

Figure 4 is a section taken on the line 4—4 of Figure 3, showing the clamping slots and the clamping bar and ball-heads engaging the slots.

Figure 5 is a view of the inside end of the clamping members showing the clamping paw with the corrugations facilitating the clamping of garments within the hanger.

Referring to Figure 1, the hanger 10 comprises a pair of identically alike members 11 and 12 facing each other (see Figs. 2 and 3). The members 11 and 12 extend upwardly and ending into hook-like portions 13 and 14 which are acetone welded but may be also cemented or otherwise joined together. The members 11 and 12 are preferably made of plastic material although any other kind of material can be used. The lower portions of the members 11 and 12 end into a pair of horizontal elongated bars 16 and 17 having clamping paws 18 on either end thereof.

The member 11 has an elongated slot 19 which is in alignment with a similar slot 20 provided upon the opposite member 12. A clamping bar 21 cylindrical in shape and ending into ball-shaped clamping members 22 and 23 is inserted within the slots 19 and 20. The ball-heads 22 and 23 are acetone-welded to the cylindrical bar 21 and engage the ratchet teeth or notches 24 that are cut into the outer side of the members 11 and 12 and adjoining the elongated slots 19 and 20.

The clamping paws 18 of the horizontal clamping bars 16 and 17 have zig-zag corrugations 25 to provide a firm non-slip gripping action upon garments clamped within the hanger. The corrugation ridges of the teeth are somewhat broken and staggered and alternate layers of teeth are higher than others to facilitate a better grip upon the garments.

The upper edges of the horizontal members 16 and 17 are undercut at 26 and 27 so that other garments aside from trousers may be hung upon the hanger without the danger of slipping off.

The crotch of the hook 15 has a wide enlarged tapered shape 28 to provide enough spring action to keep the clamping members 11 and 12 apart before the clamping operation and to keep it open when the clamping operation is released to allow for the insertion of garments within the hanger.

Preliminary to clamping a garment in the

hanger the clamping bar 21 respectively ball-heads 22 and 23 are pushed upwardly into a position as illustrated in Fig. 2 of the drawing. A garment is then inserted within the space provided by the horizontal bars 16 and 17 and the clamping bar 21 is shifted downward within the slots 19 and 20 by pushing upon the ball-heads 22 and 23 until enough clamping action is applied upon the members 11 and 12 to hold the garment securely within the hanger. The ball-heads 22 and 23 will lock within the notches 24 and will keep the hanger locked until the clamping action is released by pushing upon the ball-heads to disengage same from the notches 24. This action is repeated every time a garment has to be attached or taken off the hanger.

The foregoing detailed description of the trouser hanger has been given for clearness and understanding only and no unnecessary limitations should be understood therefrom, but it should be construed as broadly as permissible in view of the prior art, and while the hanger is confined to certain structural details I do not wish to limit myself to such details, but desire to cover all forms and arrangements, being only limited by the scope of the appending claim.

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

A garment hanger comprising duplicate members formed of plastic and each having a vertical shank portion and a horizontal cross bar projecting from opposite sides of its lower end, the cross bars being provided with garment gripping pads projecting inwardly from their ends, the upper end portions of the shank being hook-shaped and inwardly thickened and united in face to face engagement with each other to form a suspension hook of double thickness for the hanger, said shanks being disposed at an incline to the hook-shaped portions and constituting legs for the hanger diverging downwardly from said hook, the thickened hook-shaped portions holding said shanks in spaced relation to each other and providing a wide crotch between upper ends of the legs, said legs being formed with longitudinally extending slots and with recesses in their outer side faces along opposite side edges of the slots, and a clamping bar freely passing through said slots and having heads at its ends bearing against outer side faces of the legs and engaged in said recesses.

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