

1

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CLOTHES HANGER

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1 Claim. (Cl. 211-96)

This invention appertains to clothes hangers, and the like, and more particularly to a new and useful improvement in a clothes hanger adapted to be associated with a door hinge.

There has always been a need to provide clothes hangers which can be associated with doors and door frames and the like, to provide extra space to receive the conventional wire clothes frames often termed "spreaders" and upon which garments are hung, for the purpose of preserving their form and shape. As a result, in the past there have been a number of attempts to provide clothes hangers of this type. To my knowledge, certain types include a U-shaped bracket which fits over the top of the door and forms a support for the horizontally extending hanger arm. There have also been attempts to associate the horizontal arm with the door hinges. These prior devices have not proved practical either due to the expense involved or to the complications encountered in associating the same with the hinge. Further, invariably the standard wire clothes frames were supported transversely of the horizontally extending hanger bar and when the door was opened or closed, these hangers contacted the wall or door and were often displaced therefrom.

It is, therefore, a primary object of my present invention to provide a new and novel clothes hanger which may be quickly and easily associated with the hinge of a door and which has means to replace the standard hinge pin.

Another important object of my present invention is to provide a novel clothes hanger which when associated with the hinge of a door is provided with a horizontally and outwardly extending supporting arm adjacent the outer end of which is a short transversely extending supporting member, so that the standard conventional wire clothes frames may be supported in a substantially parallel relationship with the main horizontally extending arm, and thus will not be dislodged should the device contact the door or wall.

A further object of my present invention is to provide a novel clothes hanger wherein the hanger may be molded in a single, unitary structure of plastic or formed from a heavy wire gauge material.

Still another object of my present invention is to provide a novel clothes hanger having a depending leg which takes the place of the conventional hinge pin of the hinge per se.

A further object of my invention is to provide a simple, practical and reliable construction that is economical to manufacture, easy to assemble and positive in its operation.

With the above and other objects in view, which will more readily appear as the nature of the invention is better understood, the same consists in the novel construction, combination and arrangement of parts, hereinafter more fully described, illustrated and claimed.

One preferred and practical embodiment of my invention is shown in the accompanying drawings, in which,

FIGURE 1 is a side elevational view in perspective showing my novel clothes hanger and the manner in which it may be associated with a conventional door hinge, and

2

FIGURE 2 is a top elevational view of my hanger showing the same in position in the door hinge with the door and door jam being represented in section, and showing in dotted lines how my novel hanger may be placed in close proximity to the door or wall without displacing the conventional wire hangers or disturbing clothes supported thereby.

Referring now to the drawings in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter H generally indicates my new, improved clothes hanger.

In the preferred form, the hanger is constructed from a heavy gauged metal wire, bent to provide a horizontally extending main support arm 10, and a depending leg 11. While the hanger H can be made of any desired material, and in fact, molded of a plastic material, in the preferred form I utilize the heavy metal wire above mentioned. Adjacent the outer end of the horizontally extending support arm 10, I secure by welding or the like, a small transversely extending arm 12. This arm 12 is preferably secured at its mid-point 13 so that it provides a transverse support extending at right angles on both sides of the main support arm 10. The outer end terminations 14 of both of the main horizontal support arm 10 and transversely extending arm, are provided with protector caps 15 of either plastic or rubber, and these prevent the various structures contacted by the hanger from being marred or damaged. In order to aid in the support of loads placed on the horizontal extending arm 10, I may provide a supporting rod 16 which is welded or otherwise secured at the point 17, to the depending leg 11, and at the point 18, to the horizontally disposed arm 10. In order to use my novel hanger, it is only necessary to remove the conventional hinge pin (not shown) from a hinge 19 and insert the depending leg 11 in the barrel 20 of the hinge. Thus, the depending leg 11 takes the place of the conventional hinge pin and also provides ample support for the horizontally extending arm 10. In dotted lines in FIGURE 1, I have shown how the conventional wire clothes frame F may be placed upon my device. Preferably, the conventional wire frames F are placed on the transversely extending arm 12 so that their hooks 21 engage the arm 12 and any clothes that may be supported thereon will hang substantially parallel to the horizontal support arm 10. The wire clothes frame F' is actually shown supported in an undesirable position (note FIGURE 2), since if the hanger is swung from its full line position to dotted line position, wire frame F' will be dislodged or will strike against the door D and any clothes supported thereby would probably fall therefrom. However, hangers F which are arranged substantially parallel to the horizontal support arm 10 would be readily accommodated by space 22 and the clothes would be undisturbed.

It should be observed that the door hinge 19 is of the standard type comprising two leaves joined through intermeshing sleeves and normally held together by a pintle or hinge pin (not shown). As previously noted, the depending leg 11 formed at right angles to the main support arm 10 extends through the intermeshed sleeves and replaces the conventional pintle.

From the foregoing therefore, it is believed that the features and advantages of my invention will be readily apparent to those skilled in the art and it will, of course, be understood, that changes in the form, proportion and minor details of construction may be resorted to without

3

departing from the spirit of the invention, or the scope of the appended claim.

I claim:

In combination with a door hinge of the type having intermeshing sleeves of a clothes hanger formed from heavy gauge wire bent to provide a leg extending into and through said intermeshing sleeves and a horizontally extending support arm, a transversely extending arm lying in substantially horizontal plane secured adjacent the opposite end of said support arm at substantially its midpoint, and a brace support rod positioned angularly between said leg and support arm and rigidly secured thereto, the end terminations of said support arm and said transversely extending arm being angled upwardly and provided with protective and cushioning caps.

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