Jan. 27, 1953 R. PEACOCK 2,626,713

COMPOSITE GARMENT HANGER AND ARTICLE HOLDER

Filed June 20, 1949

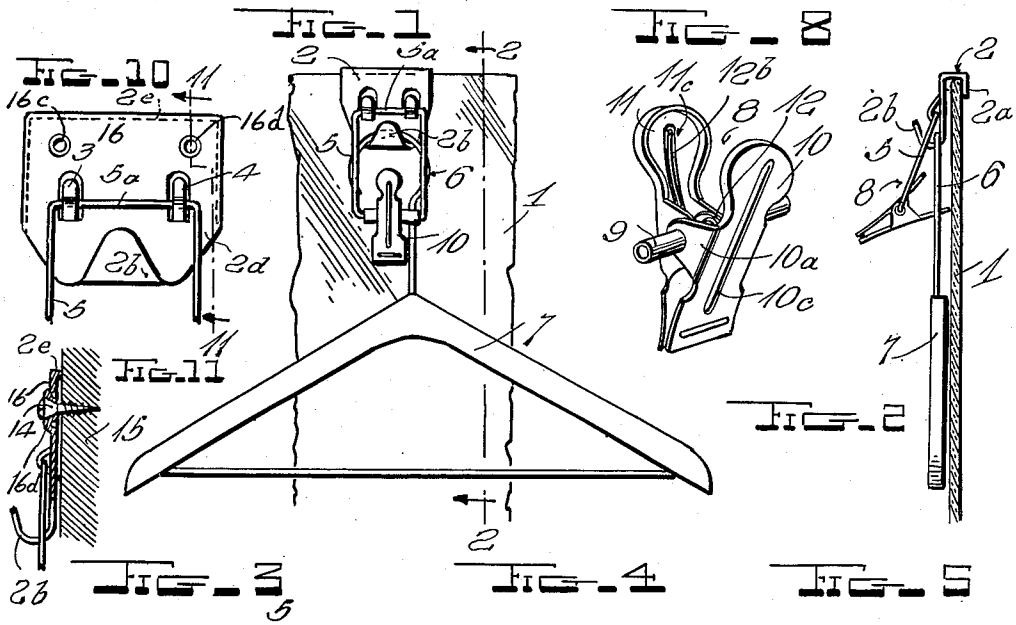

FIG. 1

FIG. 10

FIG. 11

FIG. 8

FIG. 2

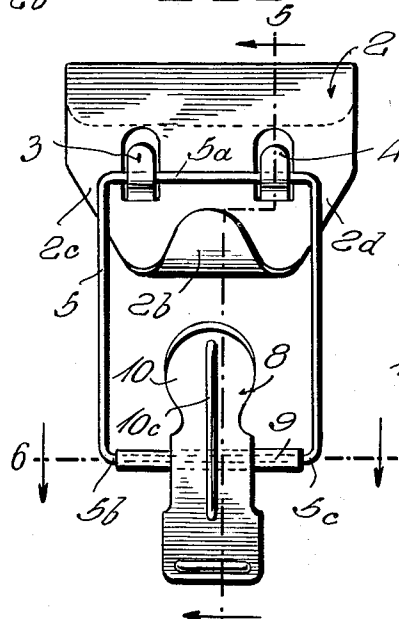

FIG. 3

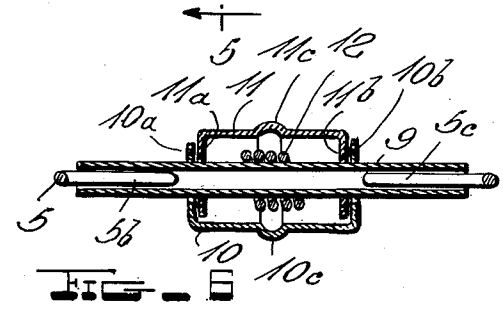

FIG. 6

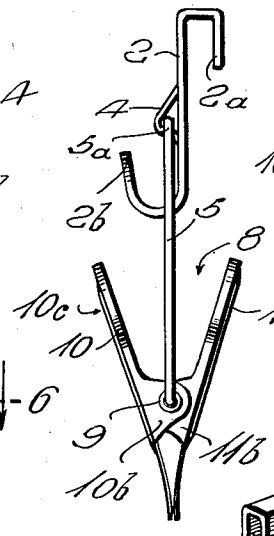

FIG. 4

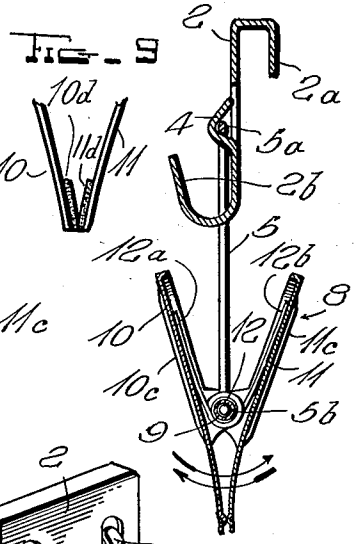

FIG. 9

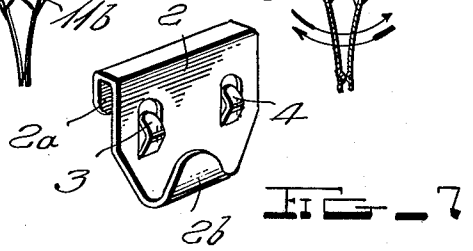

FIG. 7

FIG. 5

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COMPOSITE GARMENT HANGER AND ARTICLE HOLDER

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3 Claims. (Cl. 211—89)

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My invention relates broadly to garment hangers, and more particularly to a construction of readily installable garment hanger which may be used in many different positions and for widely varying applications.

One of the objects of my invention is to provide an inexpensive assembly of garment hanger which is readily mounted in a confined space for providing supporting means for garments, and hats, and the like.

Still another object of my invention is to provide a composite construction of engaging means, garment hanger support, and resilient clip which may be mounted in various positions to perform a multiple function of suspending a garment hanger and a clip for various uses.

A still further object of my invention is to provide a readily portable supporting member shaped to readily engage over the upper edge of the window glass of an automobile, for example, and adapted to readily fit between the compressible weather stripping or felts forming the packing for the conventional automobile vertically adjustable window and forming a suspension means for the garment hanger, and also providing an angularly adjustable support for a pivotally mounted clip operative to resiliently engage and clip a hat brim, for example.

Still another object of my invention is to provide a composite hat and garment hanger for portable use in vehicles, highway busses, railroad trains, airplanes, etc., as well as in homes, in hall closets, bedroom closets, kitchens, etc., which includes a swiveled, resilient clip member mounted on a pivoted bail, allowing adequate displacement of the clip with respect to the garment hanger.

Other and further objects of my invention reside in the construction of a readily portable garment and hat hanger which may be produced inexpensively on a mass production scale according to the improved construction set forth more fully in the specification hereinafter following, by reference to the accompanying drawings in which:

Figure 1 is a front elevational view of the device of my invention applied to the upper edge of an automobile window, and illustrating the manner in which a garment hanger and the adjustable clip for engaging a hat brim are supported; Fig. 2 is an end elevational view of the device of my invention, with the garment hanger supported thereby, the view being taken substantially on line 2—2 of Fig. 1; Fig. 3 is an enlarged front elevational view of the device of

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my invention; Fig. 4 is an end view of the device of my invention as illustrated in Fig. 3; Fig. 5 is a vertical sectional view taken substantially on line 5—5 of Fig. 3; Fig. 6 is a horizontal sectional view taken substantially on line 6—6 of Fig. 3 and showing particularly the manner of securing the swiveled tube with respect to the parts of the resilient clip; Fig. 7 is a perspective view of the support which is shaped to mount over the upper peripheral edge of an automobile window and which will readily fit within the confines of the weather stripping or felt packing within which the conventional automobile window normally is adjustable; Fig. 8 is a perspective view of the swiveled clip employed in the device of my invention; Fig. 9 illustrates the protected faces of the clip which are provided to prevent injury to the engaged hat brim or other article; Fig. 10 is a fragmentary view of a modified form of support for the device of my invention and which is applicable to a supporting surface by use of securing screws; and Fig. 11 is a vertical sectional view taken substantially on line 11—11 of Fig. 10.

My invention is directed to a construction of readily portable garment hanger which has many applications. I provide a support which is shaped to engage the upper peripheral edge of the vertically adjustable window in the conventional automobile door, and adapted to be raised and lowered therewith, and where the support is so shaped that it will readily fit between the weather stripping felts or soft rubber around the window frame. The support provides mounting means for an angularly displaceable bail, and on a horizontal portion of this bail I provide a swivel tube. The swivel tube forms a carrier in coaction with spring means between a pair of manually operative clip portions which are adapted to resiliently engage the brim of a hat or other article. The swivel mounting of the clip, in coaction with the displaceable mounting of the bail, enables the clip to be moved to that position which will most readily support a hat or other article with respect to a garment suspended on a garment hanger also carried by the support. The support may take a variety of forms and may be pressed from sheet metal, or it may be molded in plastic. The upper edge of the support may be rounded or otherwise shaped to engage over a bracket fitting adapted to be mounted in a vehicle, or in any other position for suspending a multiplicity of the devices constructed in accordance with my invention. The engaging jaws of the clip may have their faces protect-

ed by sponge rubber, rubber, plastic, felt, or a soft medium forming a permanent part of the clip and serving as a protected clip for delicate fabrics, etc.

Referring to the drawings in more detail, reference character 1 designates the window sash of a vertically adjustable vehicle window, over the upper edge of which the support 2 of the device of my invention is engaged. The support 2 is shown pressed from sheet metal, with a channel shaped upper edge engaging over the upper periphery of the window 1, with the confining lip 2*a* extending exteriorly thereof. The support 2 has a pair of symmetrically disposed lugs 3 and 4 outstruck therefrom, and serving as a pivotal support for the upper horizontally extending portion 5*a* of a bail or metallic loop 5. The support 2 tapers to a central position and is bent upwardly as represented at 2*b*, forming a hook for receiving the hook 6 of the conventional garment hanger 7, for suspending the garment hanger in a position adjacent the interior of the window 1. The bail 5 is substantially rectangular in contour, having the upper horizontally extending portion 5*a* and lower horizontally extending portions 5*b* and 5*c*. The width of the bail or loop 5 is such as to extend on opposite sides of the hook portion 2*b* of the support 2, with adequate clearance to allow angular displacement of the bail 5 forwardly from the support 2, but to also establish an abutment by means of face portions 2*c* and 2*d* for the opposite vertically extending sides of the bail or loop 5 to restrict movement of the bail beyond the plane of the vertically extending surface of support 2. In other words, the bail or loop 5 is displaceable throughout a range of 180° with respect to the front plane of support 2, and of this range approximately 90° thereof may be usefully employed in the suspension of articles carried by the resilient clip 8 which is mounted on swivel tube 9 and into the ends of which the horizontally extending portions 5*b* and 5*c* of bail or loop 5 extend.

The resilient clip 8 is formed in two parts comprising finger operating members 10 and 11 having side portions extending normally thereto as represented more clearly in Fig. 6 at 10*a*, 10*b*, and 11*a* and 11*b*. These side portions are apertured in alignment with each other to receive the swivel tube 9, and the assembly is maintained in position by means of coil spring 12, the convolutions of which extend concentrically around swivel tube 9 and terminate at 12*a* and 12*b*, as represented in Fig. 5, yieldably engaged against the interior faces of the clip members 10 and 11. In order to seat the ends 12*a* and 12*b*, the outstruck ribs 10*c* and 11*c* of finger operating members 10 and 11, provide recesses into which the ends of the coil spring at 12*a* and 12*b* may be confined. Coil spring 12 accordingly serves the dual function of maintaining the operative relation of the parts of the resilient clip, and at the same time maintains the assembly of the resilient clip in relation to the swivel tube 9, so that swivel tube 9 and the resilient clip move in unison. Thus, as the bail 5 is displaced, the resilient clip 8 may have the entire 360° movement. This adjustment is desirable when arranging the garment on the garment hanger 7 while suspended from hook 2*b* on support 2 at a time that bail 5 may be displaced out of position and resilient clip 8 also moved out of position. As represented in Fig. 2, resilient clip 8 may occupy a position extending at an angle from the depending garment hanger 7 and afford adequate space in which to clip the brim of a hat or other article.

In order to protect the brim of a hat or other article of delicate fabric, I provide protective strips of felt, sponge rubber, rubber, plastic or other soft medium on the interior faces of the finger operating members 10 and 11, as represented at 10*d* and 11*d* in Fig. 9. These protective facings are not essential, as I have shown in Figs. 4 and 5.

The form of my invention shown in Figs. 1–5 is particularly adapted for auto, highway bus, railroad train, Pullman, airplane, etc., portable use. Where a semi-permanent installation is desired, I provide the arrangement shown in Figs. 10 and 11, in which the support 16 has the lip 2*a* omitted therefrom, and is provided with apertures 16*c* and 16*d* for the passage of securing screws 14, as shown more clearly in Fig. 11 for fastening support 16 to the vertical surface 15. In place of the lip 2*a* a suitable marginal wall abutment projection 2*e* may be provided rearwardly of support 16 to insure a proper mounting of support 2 against the vertical surface 15. The same freedom of movement is provided for the bail 5 and the clip 8 in the form of the invention shown in Figs. 10 and 11 as that illustrated in the form of my invention in Figs. 1–5. That is to say, for the useful range of movement of approximately 180° of the bail or loop 5, the clip 8 may turn through 360° which, under some conditions, provides a very desirable range of adjustment. The clip 8, when loaded with the weight of a hat or other article, acts as a restraining means or barrier upon the clothing supported on the garment hanger, preventing the garment hanger from bouncing out of the hook 2*b* when the vehicle on which the device is installed is traveling over the road. The hat or article supported by the clip is perfectly free to move, both by virtue of displacement of the loop 5 and movement of the clip 8, so that no undue strains are placed upon the hat or article carried by clip 8. By shaping the support 2 as shown in Figs. 1–5 the device, when engaged over the top edge of a glass of a vehicle window, may be raised and lowered with the adjustment of the window, and in the case of inclement weather, or under conditions of low temperatures when the windows are closed, the engagement of the support 2 over the top edge of the window does not interfere with the tight closing of the window in that the dimensions of the lip 2*a* and the shape thereof are such that the support 2 is imbedded in a soft rubber or felt channel of the window frame.

I have termed the device of my invention "Hang-An-Clip" in view of its wide application for automobile use and for travelers generally.

I have found the device of my invention highly practical in manufacture and production, and successful in operation, and while I have described the invention in one of its preferred embodiments I realize that modifications may be made and I desire that it be understood that no limitations upon my invention are intended other than may be imposed by the scope of the appended claims.

What I claim as new and desire to secure by Letters Patent of the United States is as follows:

1. In a hanger a supporting bail terminating in horizontally disposed linear portions, a tubular member concentrically mounted on the horizontally extending linear portions of said bail, a resilient clip comprising a pair of finger engag-

ing portions having overlapping side portions directed toward each other, said side portions being apertured for the passage of said tubular member therethrough, a coil spring having convolutions concentrically surrounding said tubular member and terminating in a pair of resilient projecting end portions engaging the interior faces of said finger engaging portions, said finger engaging portions terminating in article engaging gripping edges, whereby said coil spring resiliently urges said article engaging gripping edges into gripping position and simultaneously maintains the side portions of said finger engaging portions into frictional engagement with said tubular member whereby said clip and tubular member are free to swivel with respect to said bail.

2. A hanger comprising in combination a bail member terminating in horizontally extending linear portions, a tubular member swiveled over said substantially horizontally extending linear portions, a clip comprising a pair of finger actuating members having side portions directed toward each other and apertured for the passage of said tubular member therethrough, said finger actuating members terminating in article engaging edges and spring means for urging said article engaging edges into coacting contact

and simultaneously holding the side portions of said finger actuating members in frictional binding relation with said tubular member, whereby said tubular member and said clip are free to be rotated through a range of substantially 360° with respect to said bail.

3. A hanger as set forth in claim 2, in which the coacting edges of said finger actuating members are provided with interior protective faces for protectively engaging an article therebetween.

ROBERT PEACOCK.

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