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GARMENT HANGER

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This invention is directed to a garment hanger, and more specifically to an improved integrally constructed hanger having a new and novel garment securing or retaining means.

An object of this invention is to provide an integrally formed garment hanger having means constructed and arranged for frictionally retaining a garment to be supported thereon.

Another object is to provide an integrally constructed garment hanger having a plurality of cooperating resilient finger means for defining the points of support for the garment hanger thereon.

A further object is to provide a garment hanger adapted to accommodate various styles of garments.

Still another object is to provide a garment hanger on which garments can be retained without the necessity of resorting to adjustable parts.

Still another object is to provide an improved garment hanger formed of unitary construction that is sturdy, simple and reliable in operation.

Other features and advantages will become readily apparent when considered in view of the following description and drawings in which.

In the drawings:

FIG. 1 is a side view of the garment hanger of this invention.

FIG. 2 is a section view taken through line 2-2 of FIG. 1.

FIG. 3 is a section view taken through line 3-3 of FIG. 1.

FIG. 4 is a section view taken through line 4-4 of FIG. 1.

Referring to the drawings, there is shown in FIG. 1 the improved garment hanger 10 of this invention. Accordingly it is formed as a unitary construction, preferably of a molded thermoplastic material or the like. The hanger 10 comprises a transversely extending web 11 reinforced along its marginal portion by a rib 12. Midway between the ends of web 11 is a hanger means 13 integrally formed with the web 11.

The hanger means 13 comprises a hook end 13A and an inclined base end portion 13B. As shown, in FIG. 1, the inner marginal portion of the hook end is provided with a reinforcing rib 14. The reinforcing rib 14 extends downwardly along the base end portion 13B of the hanger and it continues along to either side of the base end 13B so that the base 13B of the hanger means is cruciform in cross-section. See FIG. 4.

Depending from each end of the transverse web 11 to provide a two point support are a series 15 of fingers integrally formed therewith. The fingers 16, 17 and 18 of each series 15 cooperate to frictionally retain a garment, such as a ladies skirt, mens trousers, and the like at two spaced points. See FIG. 1.

According to this invention, the series of fingers 15 includes an outer finger 16, an inner finger 18 and an intermediate finger 17. Each finger 16, 17 and 18 is slightly spaced one from the other longitudinally of the web 11. It will be noted that the inner finger 18 and outer finger 16 of each series 15 are each laterally offset to the same side of an axial plane X-X of the hanger 10. The middle finger 17 is laterally offset to extend to the other side of the axial plane X-X.

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As shown in FIGS. 1 and 2, each of the fingers 16, 17 and 18 terminate in a bullet shape tip 16A, 17A and 18A, respectively. As best seen in FIG. 2, the bullet tips 16A, 17A, 18A of each finger has convexly curved faces projecting to define a shoulder 16B, 17B, 18B spaced from the lateral offset portion joining each of the fingers to the web 11. According to this invention contour or convex surfaces of the spoonshaped or bullet tips 16A, 17A and 18A, respectively, of the fingers 16, 17, 18 face each other, with the thickened portion of the bullet tips or faces extending beyond the axial plane X-X of the hanger. See FIG. 2. Thus, the arrangement is such that the spoonshaped or bullet tips 18A, 16A of the inner and outer finger 18, 16 respectively overlie the bullet tip 17A of the middle finger 17 when viewed from one end of the hanger. With this construction it will be noted that a space 19 is defined between opposed intermediate portions 16C, 17C, 18C of the cooperating fingers 16, 17, 18, respectively. If desired, the depending finger may depend in a manner such that the tip ends thereof tend to converge toward one another.

In the illustrated embodiment it will be observed that the bullet tip 17A of the middle finger 17 extends downwardly and terminates below the tips 16A and 18A of the other two fingers 16, 18. The extension of the middle finger 17 and the cooperating facing contours 16D and 18D of the bullet tips 16A, 18A of the adjacent inner and outer fingers thereby defines a guide opening or path 20 to facilitate the insertion of the garment up past the bullet tips 16A, 17A, 18A of the fingers 16, 17 and 18. The fingers 16, 17, 18 being resilient will give slightly and permit the garment to pass between opposed fingers 16, 17, 18. The side of the finger opposite the bullet tips may be reinforced by a marginal rib 21. The natural resiliency of the respective fingers thus retain and support the garment slipped in therebetween.

As seen in FIG. 2, it is to be noted that the bullet tips 16A, 17A, 18A define a shoulder 16C, 17C, 18C intermediate the upper and lower ends of the fingers. Since most ladies skirts are formed with a waist hem, the spacing 19 between fingers is sufficiently large to accommodate the waist hem. In the case of mens trousers, the cuffs may be accommodated in the space 19. Since the bullet tips 16A, 17A, 18A of the fingers overextend each other, the inherent resiliency of the fingers will frictionally secure a garment when inserted between the inner or outer fingers 16, 18 and middle finger 17. The shoulders 16B, 17B, 18B formed by the spoonshaped or bullet tips further enhances the retention of the garment on the hanger 10 by forming a natural stop to prohibit the garment from slipping between the fingers.

From the foregoing it will be noted that the hanger is rugged in construction, simple in operation and construction, and positive in operation. The garments are easily positioned on the hangers by the simple act of inserting the garment up between the respective fingers. Further, the unit construction of the hanger renders the described structure particularly suitable for molding from a thermoplastic material for mass production.

While the instant invention has been disclosed with reference to a particular embodiment thereof, it is to be appreciated that the invention is not to be taken as limited to all of the details thereof as modifications and variations thereof may be made without departing from the spirit or scope of the invention.

What is claimed is:

1. An integrally formed garment hanger formed of a molded resilient thermoplastic comprising a horizontally extending web, a hook connected to the web intermediate the ends thereof, and a series of depending fingers connected to each end of said web, said series

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of depending fingers including longitudinally spaced apart inner, outer and middle fingers, each of said fingers being laterally offset with respect to the central axial plane of said web, and each of said fingers having a spoon-shaped end whereby the spoonshaped end of adjacent fingers face and extend across said axial plane so that a garment slipped up between said fingers is frictionally retained therebetween.

2. A garment hanger comprising a transversely extending web having a marginal reinforcing rib extending therearound, a hanger having a hook end and a base end connected to said web midway between the ends of said web, a reinforcing rib extending along the inner marginal portion of said hook end and along either side of the base end of said hanger intermediate the width of said base end, a series of three longitudinally spaced apart resilient fingers connected to each end of said web, each series of fingers including an outer, middle and inner finger, said inner and outer fingers being laterally offset to one side of the axial plane of said web, and said middle finger being laterally offset to the other side of said axial plane, each of said fingers having an intermediate portion and a spoonshaped end, said spoonshaped end of each finger having a contoured face portion extending across the axial plane of said web whereby a garment slipped between said fingers is frictionally retained therebetween.

3. A garment hanger integrally formed from a thermoplastic material comprising a transversely extending web, a hanger means connected to said web adaptable for suspending said garment hanger from a support, and means depending from said web for frictionally retaining a garment to said hanger, said means including a two point support for said garment, each point of support including at least a pair of depending fingers, each finger being laterally offset so as to extend to opposite sides of an axial plane of said hanger, said fingers having spoonshaped ends, said spoonshaped ends having opposed face portions projecting laterally of their respective fingers to define a shoulder spaced below the offset connection of said fingers to said web, and the faces of said spoonshaped ends extending across the axial plane of said hanger.

4. The invention as defined in claim 3 wherein one of said fingers is longer than the other, and the opposed face portions of said spoonshaped ends have a convex curvature to define therebetween a path which facilitates the insertion of a garment therebetween.

5. An integrally formed garment hanger formed of a molded resilient thermoplastic material comprising a transversely extending web having a marginal reinforcing rib extending therearound, a hanger having a hook end and an inclined base end connected to said web mid-

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way between the ends thereof, a laterally extending reinforcing rib extending along the inner marginal portion of said hook end and said laterally extending rib continuing along either side of the inclined base end of said hanger intermediate the width thereof, a series of three longitudinally spaced apart resilient fingers connected to each end of said web, each series of fingers including an outer, middle and inner finger, said inner and outer fingers being laterally offset to one side of the axial plane of said web and said middle finger being laterally offset to the other side of said axial plane, each of said fingers having an intermediate portion and a spoonshaped end, said spoonshaped end of each finger having a convex face portion projecting laterally of their respective fingers to extend across the axial plane of said web to define a shoulder spaced below the offset connections of said fingers to said web, whereby a garment slipped between said fingers is frictionally retained therebetween, and said middle finger being longer than the inner and outer fingers, and the convex faces of the respective spoonshaped ends of said middle fingers being opposed to the faces of the spoonshaped ends of said inner and outer fingers to define therebetween a guide to facilitate the insertion of a garment up between said fingers.

6. An integrally formed garment hanger formed of a molded resilient thermoplastic material comprising a transversely extending web, a hanger having a hook end and a base end connected to said web midway between the ends thereof, a series of three spaced apart resilient fingers connected to each end of said web, each series of fingers including an outer, middle and inner finger, said inner and outer fingers being laterally offset to one side of the axial plane of said web, and said middle finger being laterally offset to the other side of said axial plane, each of said fingers having an intermediate portion and a spoonshaped tip end, and said spoonshaped tip end of each finger having a contoured face portion extending across the axial plane of said web so that a garment slipped between said fingers is frictionally retained therebetween, and one of said fingers of each series being longer than the other finger of said series, and the opposed face portions of said spoonshaped tip ends having convex curvatures to define therebetween a path which facilitates the insertion of a garment therebetween.

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