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3,358,891

ANTI-SLIP ATTACHMENT FOR GARMENT HANGER

Filed Feb. 25, 1965

2 Sheets-Sheet 1

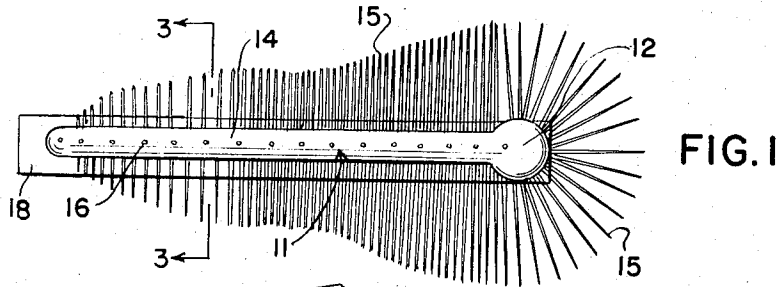


FIG. 1

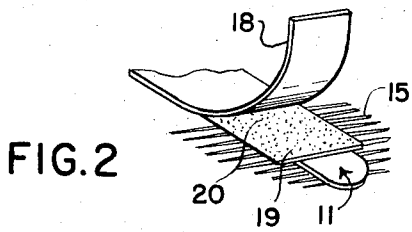


FIG. 2

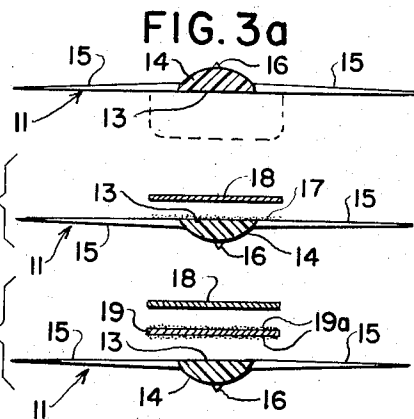


FIG. 3

FIG. 4

FIG. 6

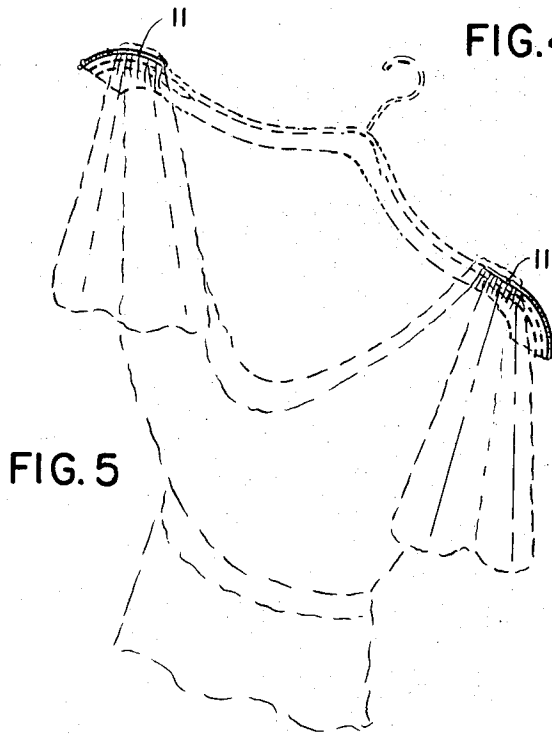
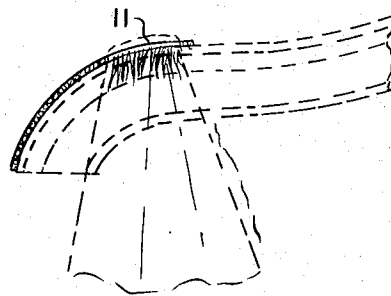


FIG. 5



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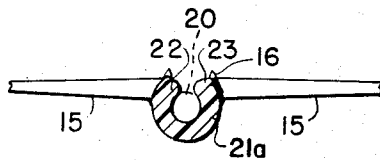
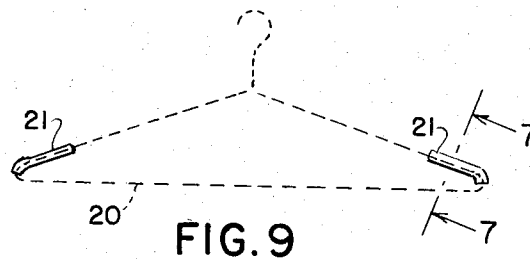
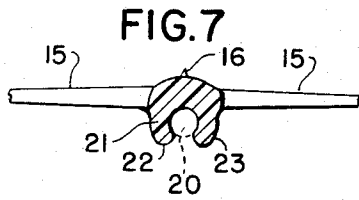


FIG. 8

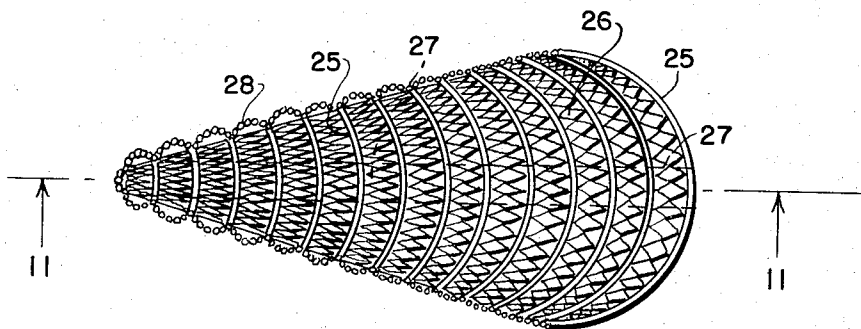


FIG. 10

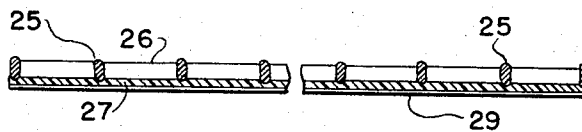


FIG. 11

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3,358,891
**ANTI-SLIP ATTACHMENT FOR GARMENT
 HANGER**

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 Filed Feb. 25, 1965, Ser. No. 435,243
 1 Claim. (Cl. 223-88)

This invention relates to garment hangers, and more particularly to attachments for garment hangers for improving the ability to hold garments thereon.

In many instances the conventional clothes hangers, either made of wood or of bent wire, are not satisfactory because some garments, particularly women's apparel, do not hold well on them, but rather have the tendency to slip off and to drop to the floor. Furthermore, the well-known hangers made of a piece of bent wire have the tendency to leave an unsightly crease across the shoulder portions of women's garments made of a light fabric, particularly in case of having garments hanging in dry cleaning stores after treatment, or hanging in the racks of a department store.

It has been found that it is possible by fairly simple means to overcome these disadvantages, and this invention consists in such novel features, construction arrangements, combinations of parts and improvement as may be shown and described in connection with the article herein disclosed by way of example only and as illustrative of a preferred embodiment. Objects and advantages of the invention will be set forth in part hereafter and in part will be obvious herefrom or may be learned by practicing the invention, the same being realized and attained by means of the instrumentalities and combinations pointed out in the appended claim.

It is a general object of the present invention to provide for means which may be easily attached to any conventional garment hanger for preventing articles of clothing, such as a dress or undergarment, from slipping off.

Another object of the invention is to provide for means on existing garment hangers for maintaining perfect shape and fit of the article of clothing suspended on same.

Yet another object of the invention is to provide for attachments to conventional hangers for avoiding damage to garments hung thereon.

A further object of the invention is to provide for means easily fitted on garment hangers for preserving collar and shoulder contours without creases.

Furthermore, it is an object of the invention to provide for means that are simple and uncomplicated, and can be economically produced.

Yet another object of the present invention is to provide removably attachable devices for the end portions of garment hangers to prevent the garment from slipping and maintaining it smooth when hung and which is preferably made of waterproof or water-repellent material such as plastic, adapting the devices for use for drying clothes, rendering the same useful and efficient for drip-drying during travel and in the home.

A still further object of the present invention is to provide waterproof, anti-slip devices or members for plastic, wood and metal garment hangers, which may be attached at the end portions of the hanger with ease and which will prevent damage to and the creasing of the garment when hung thereon.

Various further and more specific purposes, features and advantages will clearly appear from the detailed description given below taken in connection with the accompanying drawings which form part of this specification and illustrate merely by way of example certain embodiments of the device of the invention. In the following

description and in the claim, parts will be identified by specific names for convenience, but such names are intended to be as generic in their application to similar parts as the art will permit. Like reference characters denote like parts in the several figures of the drawings, in which:

FIG. 1 shows in plan view one of the anti-slip attachments or devices according to the invention;

FIG. 2 illustrates, in perspective, partly broken away, a portion of the device indicating the pressure-sensitive adhesive backing and a protective strip therefor;

FIG. 3 shows a section of the attachment or device with adhesive directly applied at the back thereof, taken along the line 3-3 in FIG. 1, the protection strip being spaced for clarity;

FIG. 3a illustrates schematically in section the device attached to a garment hanger;

FIG. 4 shows in section an exploded view of form of the device seen in FIG. 2;

FIG. 5 shows a garment hanger, in perspective, with the devices attached at the ends thereof from which a women's garment is suspended;

FIG. 6 illustrates in a larger scale one end of the garment hanger shown in FIG. 5;

FIG. 7 shows a section of an anti-slip attachment in a form more suitable for fastening same to a wire-type garment hanger, taken along the line 7-7 of FIG. 9;

FIG. 8 is a section of an anti-slip attachment suitable for application to a wire garment hanger in a position different from that shown in FIG. 7;

FIG. 9 shows the devices of FIG. 7 applied to a wire garment hanger.

FIG. 10 illustrates another embodiment of the device of the invention; and

FIG. 11 is a longitudinal section of the device shown in FIG. 10, taken along the line 11-11 thereof.

Referring now in more detail to the drawings illustrating preferred embodiments by which the invention may be realized, there is shown in FIG. 1, in plan view, an anti-slip attachment or device embodying the invention. This embodiment comprises a feather-like body 11 provided with an elongate member, stem or shaft 14 disposed at the longitudinal axis or central portion of body 11. Body 11 may have a substantially button-shaped end 12, a flat lower side 13 and an arcuately-shaped upper side 15 of varying length extend substantially horizontally outwardly from both sides of stem or shaft 14, some of which also extend radially from end 12 of stem 14. Small, spaced apart, pinlike protrusions 16 project from the rounded side of stem 14. The whole structure may be produced by a molding process from flexible waterproof or moisture-resistant and non-staining plastic material, such as nylon, polyethylene, polyvinyl, polystyrene and like material. As shown in FIG. 3, a coating or layer of pressure-sensitive adhesive 17 is applied to the lower flat side 13, which, when the device is not in use, may be covered with a strip 18 of suitable material, such as non-sticking silicon or wax paper. Obviously, a strip 19 of an adhesive tape having a pressure-sensitive layer 19a on both sides thereof may be used instead of a directly applied layer 17 (FIG. 4).

The embodiment of the device shown in FIGS. 1 to 4, is applied to the end portions of a wooden or plastic garment hanger by the application of a moderate pressure, the devices being thus adapted to adhesively attach to the end portions of the garment hanger, as clearly seen in FIGS. 5 and 6.

For use in connection with a wire-type garment hanger (FIGS. 7 and 8), shaft or stem 21 or 21a may be channel-shaped so that the device may be attached to the ends of the shoulder portion of wire hanger 20 without

any adhesive means, the ends of the shoulder portion of the hanger being received in the said channel as shown in FIGS. 7, 8 and 9. The two side flanges 22, 23 of the channel are slightly less spaced-apart than the thickness of the wire hanger 20, and since shaft or stem 21 or 21a and side flanges 22, 23 are made of flexible plastic material, the application of the device is made easy, and it is held firmly in place. In FIG. 8 shaft 21a is adapted to be connected to hanger 20 from the underside of end portions of the shoulder part of the hanger.

FIGS. 10 and 11 illustrate a further embodiment of the invention, preferably made of plastic material, wherein a plurality of relatively thin, transverse, arcuate ribs 25 is arranged integral with a network body 26 in spaced relationship. Ribs 25 together with scalloped, beaded, peripheral portion 28, provide anti-slip means for the garment when suspended on the hanger to which the anti-slip devices are applied. Disposed along the longitudinal axis centrally of the device is a stem or shaft 27 which provides rigidity to the device as well as a surface for receiving the pressure-sensitive adhesive coating or layer 29 for application of the device to a plastic or wooden hanger. Stem or shaft 27 may be made similar to stem or shaft 21 or 21a (FIGS. 7, 8), that is, with a longitudinal groove or channel to fit the ends of the shoulder portion of the conventional wire hanger. Furthermore, ribs 25 may be provided with barbs or burrs similar to those indicated at 16 (FIG. 7).

It becomes evident from FIGS. 5 and 6 of the drawings that the application of the anti-slip attachment to any kind of garment hanger forms a pliable or flexible molded shoulder over which the garment may hang without being creased or without danger of slipping off. Certain types of hangers have narrow shoulder sections. Many garments, particularly women's apparel, have little material on their upper portions from which they may be suspended from the hanger. These garments drape over the elastically yielding ribs 15 or 25, respectively, and are prevented from slipping. Since some of the articles of women's apparel are made of delicate, soft fabrics, unsightly creasing on the shoulder parts thereof is successfully prevented, for example, in dry-cleaning stores, or on the racks of women's department stores, or in cases where the pieces suspended from the hangers are exposed to the humidity of the air in warm summer days and in stores and closets.

The attachments are practical equipment on travels, and since they are made of moisture-resisting material, they serve well for hanging easily washable, drip-dry articles without getting them out of shape while drying.

Since they are readily applicable temporarily to many types of existing hangers, they make carrying of hangers in the travel baggage virtually unnecessary and convert hangers in hotels, etc., within seconds into garment-protecting articles.

As disclosed in the drawings, the elongate member portions, disposed at their longitudinal axis, of the device may be in the form indicated by the numerals 11, 21, 21a, 29 or may assume any other suitable form.

While the invention has been described and illustrated with respect to certain preferred examples which give satisfactory results, it will be understood by those skilled in the art after understanding the principle of the invention, that various other changes and modifications may be made without departing from the spirit and scope of the invention and it is intended therefore in the appended claim to cover all such changes and modifications.

I claim:

Anti-slip attachment for the sloping shoulder portions of a conventional triangular wire garment hanger comprising a flexible plastic body consisting of an elongated member, means extending transversely of said member for engagement with a garment when suspended from said hanger, said elongated member having a longitudinally extending channel formed the entire length thereof, said longitudinally extending channel being substantially circular in cross section and having resilient inwardly curved side flanges, said side flanges having closely spaced free ends providing an opening into the channel whereby said attachment may be snapped on said sloping shoulder portions of said hanger.

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