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SLIP RESISTANT PANTS GUARD FOR COAT HANGERS

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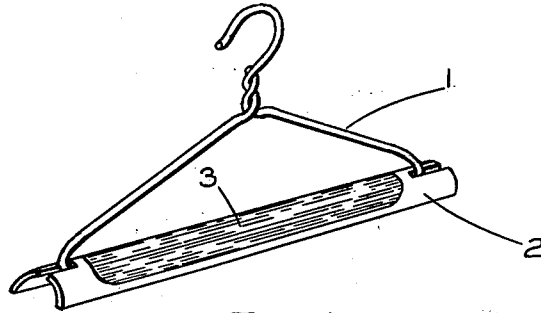


FIG. 1

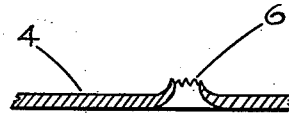


FIG. 3

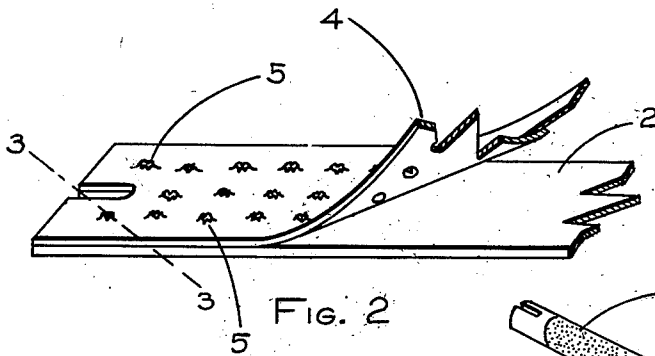


FIG. 2

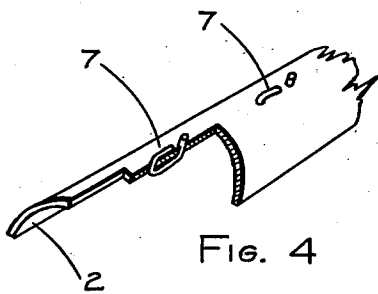


FIG. 4

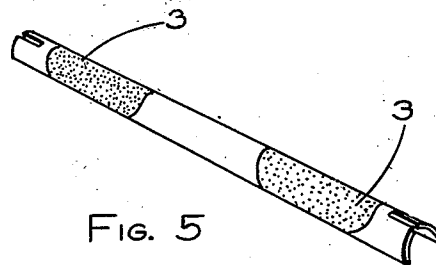


FIG. 5

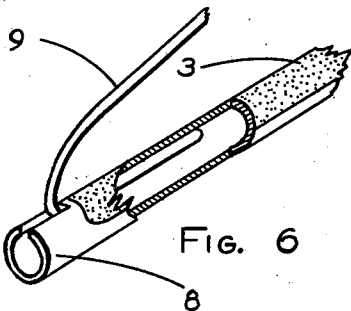


FIG. 6

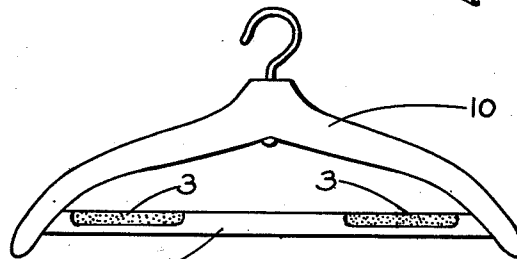


FIG. 7

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UNITED STATES PATENT OFFICE

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SLIP RESISTANT PANTS GUARD FOR COAT HANGERS

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1 Claim. (Cl. 223—98)

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This invention relates to coat hangers and has as an object to provide an improved pants guard therefor. In the use of wire coat hangers, the impression of the horizontal bar on the trousers or skirt folded thereon is often avoided by the employment of a heavy paper protector supported above the bar, thus providing a radius of fold for the garment much larger than that of the hanger wire. It is the enlarged radius which prevents the apparent crease in the garment.

In addition, however, to the crease, there exists the problem of preventing the garment from sliding on the protector strip, either longitudinally or transversely to it. If the sliding is transverse, the garment falls from the hanger; if longitudinal, the garment is left wrinkled where its creased edges encounter the bend of the hanger.

Several details of design have been incorporated in the conventional type of pants guard in an effort to eliminate this sliding problem. However, none of these have proved to be completely satisfactory from the standpoint of function, application and economy.

One aim, therefore, of this invention is to provide an improved pants guard, for coat hangers, on which a garment will not freely slide. Another aim is to adapt the slide resisting feature directly to the hanger, so that, as in the case of wooden or paper hangers where the horizontal bar is thick enough to prevent creasing, the application of the guard of this invention is not necessary to solve solely the sliding problem.

Further objects will appear from the following description when read in connection with the accompanying drawing showing illustrative embodiments of the invention and wherein:

Figure 1 shows a wire type coat hanger equipped with a strip type pants guard, the latter being equipped with one variation of this invention.

Figure 2 shows a variation whereby the purpose of the invention is accomplished.

Figure 3 is a sectional detail, 3—3 of Figure 2.

Figure 4 is a fragmentary view of a guard showing an additional variation whereby the purpose of the invention is accomplished.

Figure 5 shows the guard itself equipped with a different variation of the invention.

Figure 6 is a fragmentary view of a special hanger-guard combination found in common use.

Figure 7 illustrates the application of the invention directly to a hanger instead of to the guard.

Referring now to the figures separately, the features of the invention will be described in detail. The coat hanger 1 of Figure 1 is equipped with the pants guard 2. The guard is made of

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a strip of sheet material such as a heavy paper and is conventional except for the surface 3 which comprises the principal feature of this invention. This surface 3 is formed of a coating of suitable material which possesses a substantial tendency of preventing slippage of a garment hanging thereon. One such material which has been found satisfactory for this purpose is rubber latex commonly used as a cement. Applied as a liquid, after drying it leaves a non-sticky, but also a non-slip surface which is highly satisfactory. Certain plastics of proper characteristics when applied either as a liquid or as a sheet would also be suitable.

Another way of providing a slide resisting surface is by the application, with a suitable bonding material, such as a glue or a lacquer, of small sharp cornered particles such as sand or sawdust. Short fibers would also be suitable if so applied. If the guard strip is made of fibrous material, the fibers may be loosened from the strip itself and rendered strong enough to support the weight of a garment by the application of a liquid coating which hardens on drying.

Still another way of accomplishing a slip resisting surface is illustrated by Figures 2 and 3. Here a strip of thin hard paper 4 is pierced with multiple punctures 5. These holes form sharp points 6 as shown by Figure 3 which is section 3—3 of Figure 2. The pierced strip 4 is applied to the guard strip 2 with an adhesive material which hardens on drying, and which is either applied to the strip 4 prior to piercing or in sufficient quantity so that the edges of the holes 5 are coated. Upon hardening the adhesive then renders the sharp edges 6 of the pierced holes strong enough to resist being broken down by the weight of a garment.

Still another manner of preventing sliding is shown by Figure 4. Here the guard strip 2 is equipped with wire bobs 7 which bite into the material of the garment.

Such slip resistant provisions may be continuous the entire length of the guard strip, or may be in short sections as shown by 3 of Figure 5.

It is not intended that the slip resistant feature, which comprises this invention, be limited to the strip type guard thus far described. Figure 6 shows a tubular type guard 8 incorporated with the hanger 9. Here the slip resistant surface 3 may be applied as described for any of the previous figures. This is also true for the wooden hanger 10 of Figure 7. Here the diameter of the bar 11 is large enough not to necessitate a

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pants guard. Therefore, the slip resistant provision is applied directly to the bar 11.

Though the above descriptions are in considerable detail, they are intended to be only representative of some of the ways which the objects of the invention, as set forth, may be accomplished. In spirit with such stated objects, what I claim is:

As an article of manufacture and sale, a pants guard applicable to the horizontal member of a garment hanger of the substantially triangular type, said guard comprising an elongated, substantially straight body of paper material shaped and arranged to extend horizontally along and substantially throughout the length of said horizontal member, the form of said body transversely departing from a plane surface to present an upper garment contacting surface diverging downwardly and outwardly from a central crest extending substantially throughout the length of

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said guard, and a film of non-sticky, permanently tacky latex material covering a sufficient area of the upper garment-contacting surface of the body to resist free sliding of a garment hanging thereon, the ends of the body at the crest thereof being formed with means to engage the shoulder supporting members of a garment hanger.

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