Oct. 21, 1952 R. SARTI 2,614,736

REMOVABLE SHOULDER PAD FOR HANGERS

Filed June 15, 1950

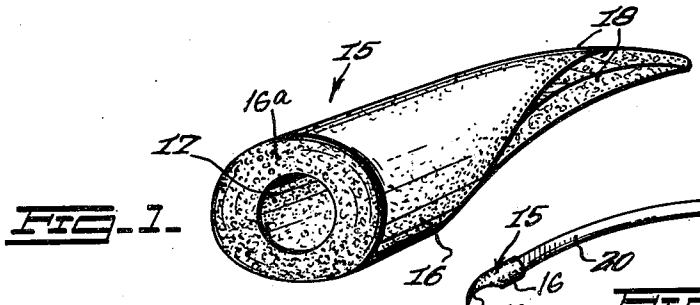


FIG. 1.

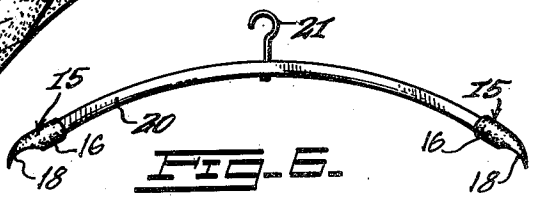


FIG. 6.

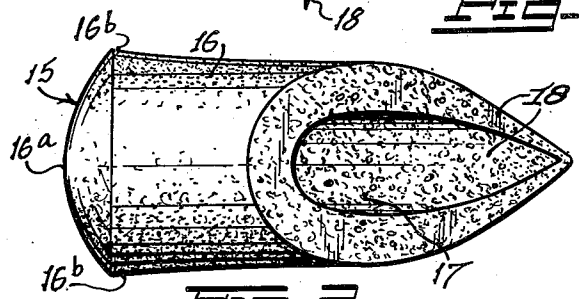


FIG. 2.

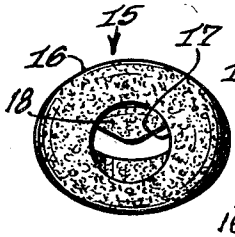


FIG. 4.

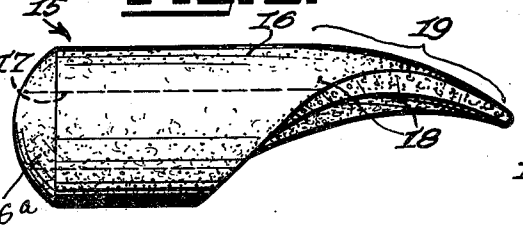


FIG. 3.

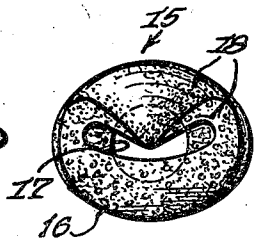


FIG. 5.

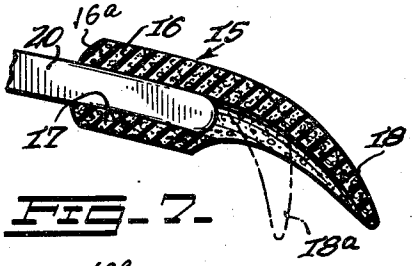


FIG. 7.

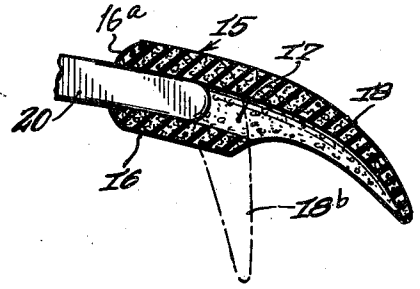


FIG. 8.

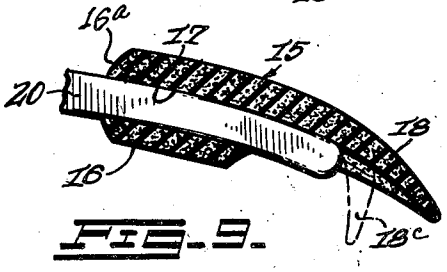


FIG. 9.

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REMOVABLE SHOULDER PAD FOR HANGERS

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3 Claims. (Cl. 223—92)

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This invention relates to new and useful improvements in garment hangers, and, more particularly, the aim is to provide a novel and valuable form of removable shoulder pad for a garment hanger, whereby, with one of said pads applied to each of the two end portions of the hook-suspended bar of such an inexpensive garment hanger as the well known one wherein said bar is merely a bowed strip having parallel sides and of substantially the same cross-section from end to end, unique advantages are afforded.

More specifically, an object of the invention is to provide a type of garment hanger shoulder pad which is constituted and constructed not only in such manner that the pad is readily yet securely engageable with an end portion of the bar of the hanger and also when desired equally readily disengageable from said bar as for placement on the bar of another hanger, but also in such manner that the pad may be slid to any extent desired lengthwisely of the hanger bar.

In the latter regard, a salient feature of the new shoulder pad is that the same, desirably made of some softly resilient and highly cushiony material such as foam rubber, incorporates a collar portion surrounding a clear-through tunnel-like opening, and, in combination with said collar portion and integral therewith, a roofing portion of gradually diminishing cross-section toward its end remote from said collar portion. As a consequence, with one of the new shoulder pads on each end portion of a hanger bar, and with the pads arranged on the hanger bar so that said roofing portion of each pad lies outward relative to the collar portion of that pad, sliding of the pads toward and away from each other is effective to vary the working length of the hanger bar and at the same time establish such length as the one best adapted to hang most satisfactorily a shouldered garment of a particular width across the shoulders.

For further comprehension of the invention, and of the objects and advantages thereof, reference will be had to the following description and accompanying drawings, and to the appended claims in which the various novel features of the invention are more particularly set forth.

In the accompanying drawings forming a material part of this disclosure:

Fig. 1 is a perspective view of a shoulder pad pursuant to the invention, in a now preferred embodiment.

Fig. 2 is a bottom plan view thereof.

Fig. 3 is a side elevation thereof.

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Fig. 4 is an end elevation, looking toward the right in Fig. 3.

Fig. 5 is an end elevation, looking toward the left in Fig. 3.

Fig. 6 shows a garment hanger of the inexpensive kind already mentioned, with a shoulder pad of the invention attached to each end portion of the hanger bar.

Fig. 7 is a detail view, with an end portion of the hanger bar shown in elevation and with the applied pad shown in section, illustrating in full lines one of the many possible adjustments of the pad longitudinally of said bar.

Fig. 8 is a view similar to Fig. 7, but illustrating in full lines another of said pad adjustments.

Fig. 9 is also a view similar to Fig. 7, but illustrating in full lines still another of said pad adjustments.

Referring now to the drawings more in detail, the embodiment of the new shoulder pad illustrated, and which as a whole designated 15, is shown as made from a single piece of foam rubber shaped to incorporate a collar portion 16 having a clear-through tunnel-like opening 17 and a roofing portion 18 extended beyond one end of the collar portion 16. The end surface 16a of the collar portion 16, opposite the roofing portion 18 is preferably rounded and the sides of the collar portion are flared outward in a lateral direction only, as shown at 16b in Fig. 2.

The collar portion 16 is elliptical in end elevation as best shown in Figs. 1, 4 and 5, and the opening 17 is eccentrically formed therein so that the top wall is somewhat thicker than the bottom wall and the two side walls are thicker than the top wall or the bottom wall.

The roofing portion 18, it will be noted, is a gradually diminishing cross-section toward its end remote from the collar portion 16; this diminution of cross-section desirably being the result, as shown of a gradual decrease in the width as well as in the thickness of the roofing portion 18 toward its end remote from the collar portion 16. Further, as shown, the roofing portion 18 is substantially triangular, tapering to approximately a point at its end remote from the collar portion 16.

With the pad 15 positioned to dispose the center-line of the opening 17 horizontal, and so that then the top and bottom lines of the collar portion 16 as said lines are seen in Fig. 3 or horizontal over substantially the entire length of said collar portion, the top line of the roof portion 18 as this line is seen in Fig. 3 arches slightly downward toward the pointed end of the roof portion, as indicated at 19. This is a natural droop,

representing a balanced condition between the weight of the roofing portion 18 and the resilience of foam rubber.

The opening 17 may normally be of round cross-section as shown, since, due to the extreme pliability of foam rubber, said opening will adapt itself to the cross-sectional shape of an end portion of a hanger bar, even one, such as that hereinabove referred to and such as shown at 20, having parallel sides. The ordinary complementary part of the garment hanger including the bar 20 is, as illustrated, the familiar bent-wire hook 21.

In Fig. 7, the pad 15 is shown as frictionally gripping the bar 20 as the result of having been slidably adjusted along said bar so that an end portion of the bar is extended along the entirty of the length of the opening 17 through the collar portion 16 of the pad. With such an assembly of the parts at both ends of the hanger, the hanger is of an effective length to function most satisfactorily relative to a shouldered garment the width across the shoulders of which is largely different from and about midway between the width across the shoulders of a garment of very small size and the width across the shoulders of a garment of very large size. In other words, the entire length of the roofing portion 18 of the pad is free, in view of the width across the shoulders of the garment now to be placed on the hanger, to be elastically forced down to lie as indicated in dot and dash lines at 18^a; and the entire length of said roofing portion will thus be forced down, once the said garment is placed on the hanger, by the weight of the garment, thus to hold the upper part of the garment to perfect shape while relieving all seams from the slightest strain.

In Fig. 8, the pad 15 is shown as frictionally gripping the bar 20 as the result of having been slidably adjusted along said bar so that an end portion of the bar is extended along only about half the length of the opening through the collar portion 16 of the pad. With such an assembly of the parts at both ends of the hanger, the hanger is of an effective length to function most satisfactorily relative to a shouldered garment the width across the shoulders of which is very large. Now, the entire length of the roofing portion 18 and also a considerable part of the length of the collar portion 16 are free, in view of the large width of the garment now to be placed on the hanger, to be elastically forced down to lie as indicated in dot and dash lines at 18^b; and the entire length of said roofing portion and said part of said collar portion will thus be forced down, once the said garment is placed on the hanger, by the weight of the garment, thus to hold the upper part of the garment to perfect shape while relieving all seams from the slightest strain.

In Fig. 9, the pad 15 is shown as frictionally gripping the bar 20 as the result of having been slidably adjusted along said bar so that an end portion of the bar is extended not only along the entirety of the length of the opening 17 but also so as to project beyond said opening and to extend along under the roofing portion 18 well toward the pointed end thereof. With such an assembly of the parts at both ends of the hanger, the hanger is of an effective length to function most satisfactorily relative to a shouldered garment the width across the shoulders of which is very small. Now, hardly more than the tip of the roofing portion 18 is free, in view of the small width of the garment now to be placed on the hanger, to be elastically forced down to lie as indicated in dot and dash lines at 18^c; and merely the tip of said roofing portion will thus be forced down, once the said garment is placed on the hanger, by the weight of the garment, thus to hold the upper part of the garment to perfect shape while relieving all seams from the slightest strain.

It will be understood that the assembly of parts indicated in Figs. 7 and 9 may be taken as illustrative of typical extremes, with the assembly of parts indicated in Fig. 8 taken as a mean; and that virtually an infinite number of different adjustments are possible between said extremes. It is further to be noted that in any of said adjustments there is a spatulate subdivision of the pad, comprised, as the case may be, of the entirety of the roofing section 18, or of the entirety of said roofing section plus a part of the collar portion 16, or of merely a part of said roofing portion; and with said spatulate subdivision so constituted that a soft cushion is thereby provided, that said cushion always tapers in width toward the outer end of the effective length of the hanger, and that said cushion along its length is softly resilient and hence almost limply non-resistant to sharply angled downward bending.

It is to be understood that either end of the pad 15 may be pulled on the end of the garment hanger bar 20, depending upon the amount of elasticity desired.

While I have illustrated and described the preferred embodiment of my invention, it is to be understood that I do not limit myself to the precise construction herein disclosed and the right is reserved to all changes and modifications coming within the scope of the invention as defined in the appended claims.

Having thus described my invention, what I claim as new, and desire to secure by United States Letters Patent is:

1. A removable shoulder pad for engagement on the end of the cross bar of a clothes hanger, comprising a one-piece body of resilient material having a collar portion and a roof portion, said collar portion being tubular and elliptical in cross section and having a hole extended longitudinally from end to end thereof to frictionally receive and grip the end of the cross bar with the greatest dimension of the collar portion extended horizontally, said roof portion comprising an outwardly and downwardly projected triangular extension on the outer end of the top wall of said collar portion for extension beyond the free end of the cross bar, said triangular extension having its sides converged to an apex at the outer end thereof.

2. A removable shoulder pad for engagement on the end of the cross bar of a clothes hanger, comprising a one-piece body of resilient material having a collar portion and a roof portion, said collar portion being tubular and elliptical in cross section and having a hole extended longitudinally from end to end thereof to frictionally receive and grip the end of the cross bar with the greatest dimension of the collar portion extended horizontally, said roof portion comprising an outwardly and downwardly projected triangular extension on the outer end of the top wall of said collar portion for extension beyond the free end of the cross bar, said triangular extension having its sides converged to an apex at the outer end thereof, said hole being eccentrically formed in said collar portion, so constructed and arranged that said collar portion

has a top wall thicker than its bottom wall and side walls which are thicker than its top wall.

3. A removable shoulder pad for engagement on the end of the cross bar of a clothes hanger, comprising a one-piece body of resilient material having a collar portion and a roof portion, said collar portion being tubular and elliptical in cross section and having a hole extended longitudinally from end to end thereof to frictionally receive and grip the end of the cross bar with the greatest dimension of the collar portion extended horizontally, said roof portion comprising an outwardly and downwardly projected triangular extension on the outer end of the top wall of said collar portion for extension beyond the free end of the cross bar, said triangular

extension having its sides converged to an apex at the outer end thereof, said hole being of uniform width throughout its entire length and said collar portion being flared outwardly toward its inner end.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
1,910,901	Koplow	May 23, 1933
2,068,446	Brodewitz	Jan. 19, 1937
2,076,174	Cournyer	Apr. 16, 1937