July 18, 1944. W. W. McFALL 2,353,839

SHOULDER TREE

Filed Oct. 1, 1941

Fig. 1.

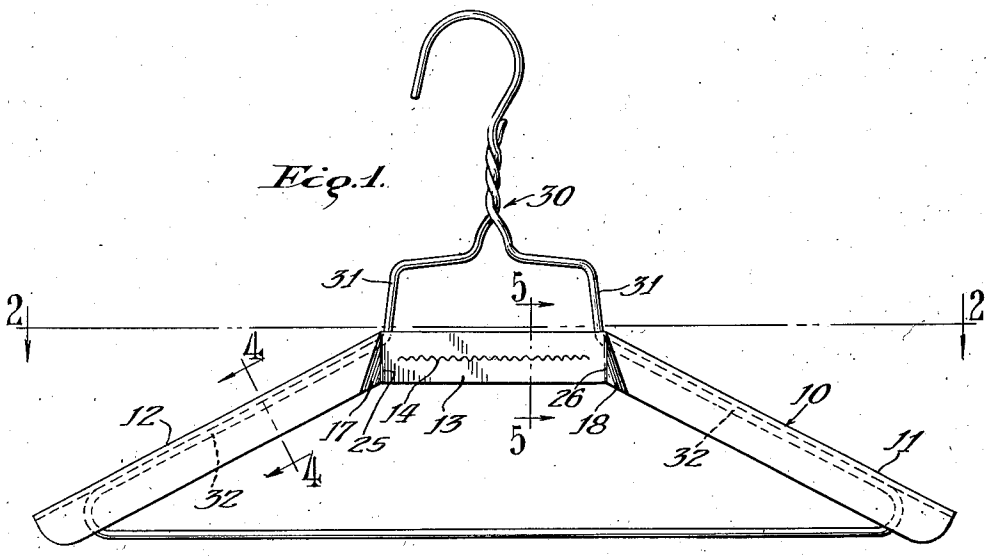


Fig. 2.

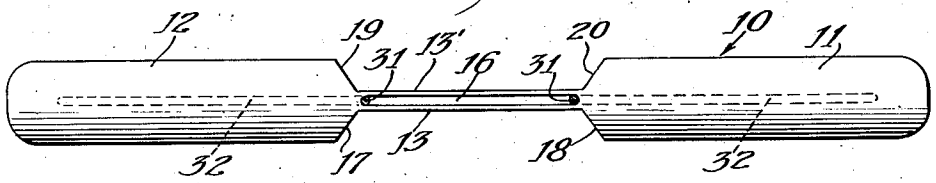


Fig. 3.

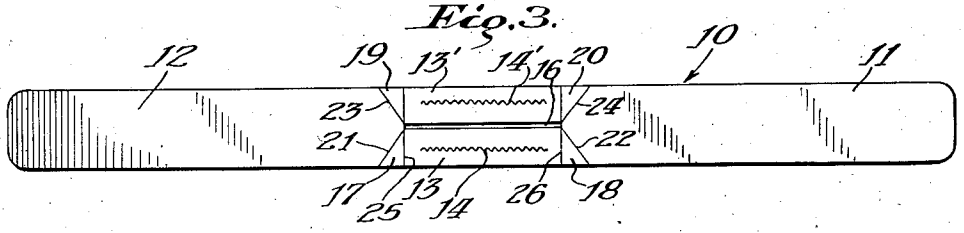
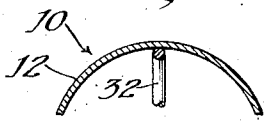


Fig. 4.



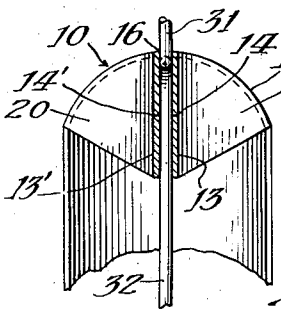


Fig. 5.

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Patented July 18, 1944

2,353,839

UNITED STATES PATENT OFFICE

2,353,839

SHOULDER TREE

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Application October 1, 1941, Serial No. 413,105

5 Claims. (Cl. 223—98)

My invention is an article to be imposed upon a garment hanger for retaining the shape of the shoulders of a garment, and the garment.

In hanging a garment on the common form of a garment hanger the inclined portions of the hanger have a tendency to produce a definite line of demarcation by reason of the wire of the inclined portions of the hanger. When certain types of garments are hung on a hanger for a more or less protracted period there is a tendency to misshape the shoulders from the neck down to the arms. My device retains the shape of the garment, and maintains its depending integrity against any formation by reason of the hanger itself.

The drawing attached illustrates a form of my device in which

Fig. 1 is a full assembly of the device upon a wire hanger.

Fig. 2 is a flat view along the arrow lines 2—2 of Fig. 1.

Fig. 3 is a primary form made of certain types of material prior to its being shaped as in Fig. 2.

Fig. 4 is a cross-section of one side of the device as shown on arrow lines 4—4 of Fig. 1.

Fig. 5 is a cross-section of the central part of the device along the line of the arrows 5—5 of Fig. 1.

As illustrated:

10 is intended to indicate the general assemblage as a whole, wherein 11 and 12 are identical arm extensions from a central body portion composed of two parallel portions 13 and 13'. 14 and 14' are serrated incisions formed in 13 and 13' respectively and adapted to register with each other when the device is dropped into its final position. These serrated incisions are provided to be pressed open and garment accessories pressed thru and locked therein against accidental removal. The device as a whole may be cut from a single elongated strip of fabric, cast out of a plastic, or shaped out of a material such as acetate, Celluloid or similar material.

The basic form of the member has a horizontal slot 16 in a medial portion of the basic member, adapted to be dropped upon portions 31 of a hanger after the device is shaped for final installation. At either end of the slot 16 the basic member has angles 17, 18, 19 and 20 created by scorings 21, 22, 23, and 24 with transverse scorings 25 and 26. When made of fabric, after the scorings are completed the device is passed through a means of shaping it arcuately in transverse cross-section as shown in Fig. 4; after which the central portions 13 and 13' are pressed together until they are parallel as shown in Fig. 5 whence the scorings permit the angles 17, 18, 19 and 20 to be thrown into positions shown in Figs. 1 and 2 so that the shoulder guards either side from the medial portion are normally thrown into position extending oppositely down the inclines of the hanger. 30, 31 and 32 are members of a preferred type of wire hanger, this preferred type has a three-sided form below the hanger hook adapted to shape the shoulders of a garment, and to provide means to handle a quantity of garments at one time.

I claim:

1. An article of manufacture comprising a shoulder tree for imposition upon a garment hanger, consisting of a medial portion and a wing extension on either side thereof, the medial portion including a pair of parallel vertical walls spaced apart, the wing extensions being curved in transverse section with their sides inclined obliquely with respect to the vertical walls, and approximately triangular portions uniting the vertical walls and the sides of the wing extensions.

2. A shoulder shaping device for application to a garment hanger of the type having a suspension portion and thin edged downwardly sloping shoulder portions, said device comprising a one-piece strip of stiff sheet material having transversely curved downwardly sloping end portions which are adapted to rest along their center lines upon the shoulder portions of the hanger in downwardly cupped relation to the latter, said strip extending horizontally between said end portions and having its sides folded down abruptly toward each other to rigidify the strip and at the same time leave a narrow downwardly opening channel for the reception of the suspension portion of the hanger in close fitting association with the latter, said folded down portion being provided with a slot along the line of the fold through which the suspension portion of the hanger is adapted to project upwardly.

3. A shoulder shaping device for application to a garment hanger of the type having a suspension portion and thin edged downwardly sloping shoulder portions, said device comprising a one-piece strip of stiff sheet material having transversely curved downwardly sloping end portions which are adapted to rest along their center lines upon the shoulder portions of the hanger in downwardly cupped relation to the latter, said strip extending horizontally between said end portions and having its sides folded down abrupt-

ly toward each other to rigidify the strip and at the same time leave a narrow downwardly opening channel for the reception of the suspension portion of the hanger in close fitting association with the latter, said folded down portion being provided with a slot along the line of the fold through which the suspension portion of the hanger is adapted to project upwardly, the sides of the folded down portion being integrally connected with the relatively outstanding sides of the transversely curved end portions by interposed gusset portions which are disposed angularly with respect to both of said sides.

4. A shoulder tree for application to a garment hanger of the thin flat type having a suspension portion and oppositely extending shoulder portions, said shoulder tree comprising a strip of stiff sheet material having a horizontal center portion and oppositely inclined end portions, the end portions being formed as downwardly opening channels of considerably greater width than the shoulder portions of the hanger and being adapted to rest thereon, and the horizontal center portion being formed as a relatively narrow downwardly opening channel of substantially the same width as the thickness of the suspension portion of the hanger for the reception of said suspension portion, said center portion being also provided along its upper edge with a slot through which a part of the suspension portion of the hanger is adapted to project upwardly.

5. A shoulder tree for application to a garment hanger of the thin flat type having a suspension portion and oppositely extending shoulder portions, said shoulder tree comprising a hollow downwardly opening shell of the same general shape as the hanger, into which shell the hanger is adapted to be inserted from the bottom, said shell having transversely curved shoulder portions which are considerably wider than the shoulder portions of the hanger and are adapted to rest along their undersides on the shoulder portions of the hanger in substantially centered relation to the latter, the portion of the shell between said transversely curved shoulder portions having its sides bent abruptly downward to closely embrace the suspension portion of the hanger and being provided at the location of the bend with an opening through which the top of the suspension portion of the hanger is adapted to project, the curved sides of the shoulder portions of the shell and the abruptly bent sides of the center portion of the shell being integrally connected by interposed gusset portions which are disposed angularly with respect to both of said sides.

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