Feb. 17, 1942. D. W. ROMAINE 2,273,498

SHOULDER PAD

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Fig. 1.

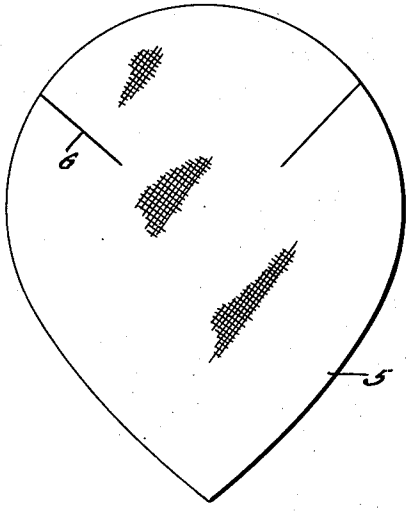


Fig. 2.

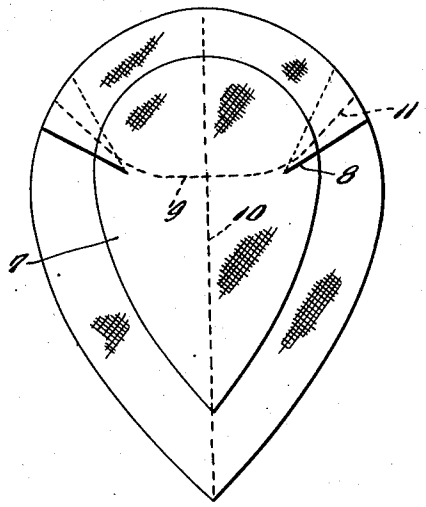


Fig. 3.

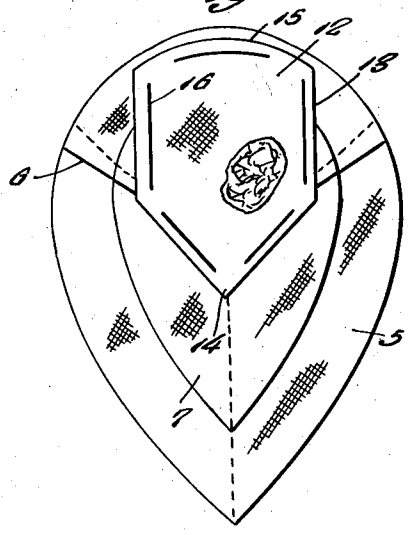
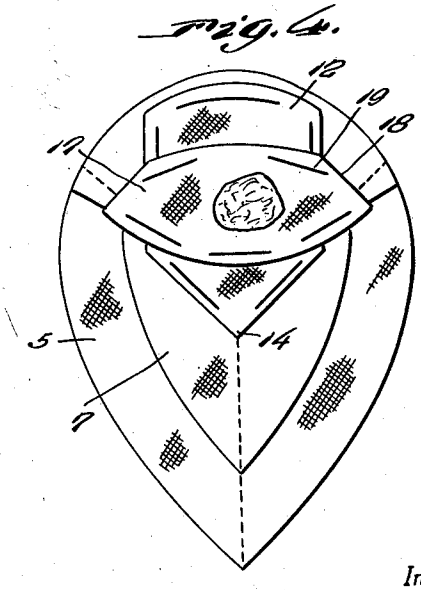


Fig. 4.



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Fig. 5.

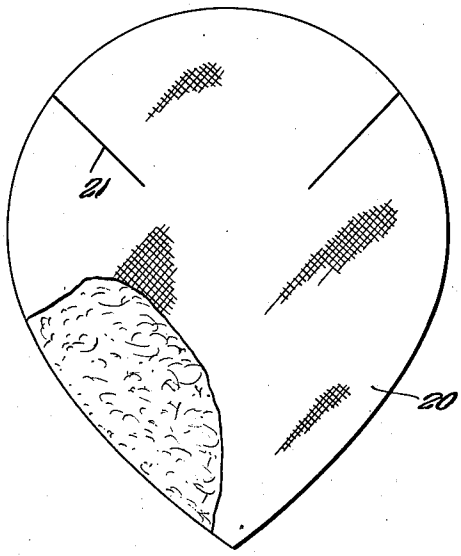


Fig. 6.

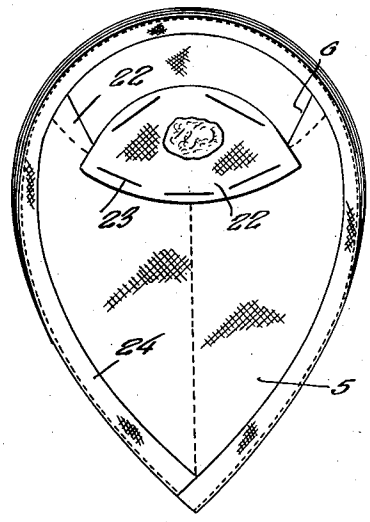


Fig. 7.

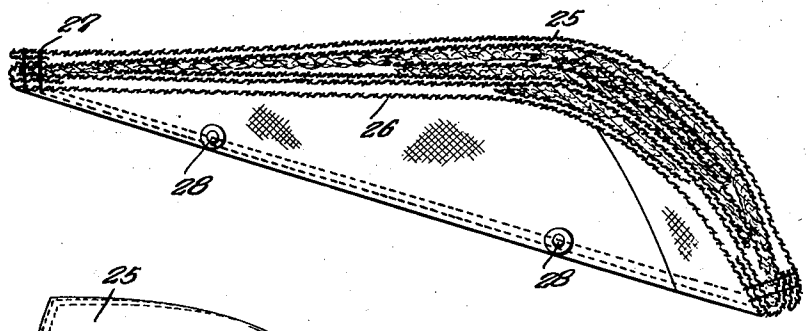
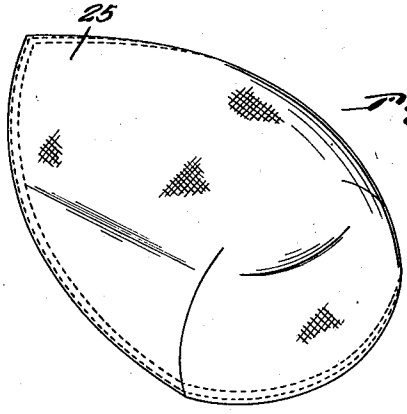


Fig. 8.



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2,273,498

SHOULDER PAD

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Application May 25, 1940, Serial No. 337,289

2 Claims. (Cl. 2—268)

The present invention relates to new and useful improvements in shoulder pad construction and has for its primary objects to provide an article of this character constructed of laminations of buckrum or similar stiff fabric shaped into concavo-convex form, together with laminations of padding to add bulk to the pad, the pad being provided with detachable fastening means for securing the same to a dress or undergarment, and adapted to serve as a support to a shoulder pad formed in the shoulder of an outer garment or coat.

A further object is to provide a shoulder pad of this character of simple and practical construction, which is neat and attractive in appearance, relatively inexpensive to manufacture and otherwise well adapted for the purposes for which the same is intended.

Other objects and advantages reside in the details of construction as more fully hereinafter described and claimed, reference being had to the accompanying drawings forming part hereof, wherein like numerals refer to like parts throughout, and in which—

Figure 1 is a plan view of the blank sheet of buckrum forming the foundation for the pad,

Figure 2 is a similar view showing a second reinforcing sheet secured to the foundation and also illustrating the darts formed at opposite edges thereof to produce the concavo-convex form of the pad,

Figure 3 is a similar view showing a sheet of padding secured to the foundation sheet,

Figure 4 is a similar view showing a second transversely extending sheet of padding secured thereon,

Figure 5 is a plan view of a sheet of padding coextensive in area with the foundation sheet,

Figure 6 is a bottom plan view showing the small padding sheet secured to the inside of the pad,

Figure 7 is a longitudinal sectional view through the pad, and

Figure 8 is a perspective view thereof.

Referring now to the drawings in detail, the numeral 5 designates a sheet of buckrum or similar stiffened fabric of tear-drop or simple leaf form, and provided at its opposite sides, adjacent its rounded end, with inwardly extending slits 6. Superposed upon the sheet 5 which forms the foundation of the shoulder pad is a sheet of similar material 7 of similar form and of reduced area, the sheet 7 being positioned centrally on the foundation sheet 5 and is likewise provided with a pair of inwardly extending slits 8 in alignment with the slits 6 of the sheet 5. The edges of the slits 6 and 8 are overlapped and secured by transversely extending threads 9 and longitudinal threads 10 to form darts at opposite sides of the pad as shown at 11. The securing of the sheets of material 5 and 7 in the manner indicated produces a reinforced foundation of concavo-convex form which maintains its shape by reason of the rigidity of the material.

The next step in the construction of the pad comprises the provision of a relatively small sheet of padding material 12 of the form shown to advantage in Figure 3 of the drawings and including spaced parallel side edges 13 with one end pointed as shown at 14 which extends in a direction toward the pointed end of the foundation 5, the opposite end of the padding 12 being rounded as shown at 15 substantially concentric with the rounded edge of the foundation sheet 5 and secured inwardly of the edge thereof by means of stitching 16.

A second padding sheet 17 is secured on the padding 12, the sheet 17 being of generally elliptical form positioned transversely of the sheet 12 and having oppositely inclined edges 18 adjacent its end portions. The padding sheet 17 is likewise secured to the sheet 12 by means of stitching 19.

Superposed upon the assembled sheets shown in Figure 5, is a sheet of padding material 20 which is coextensive in area with the foundation sheet 5 and is likewise provided with inwardly extending slits 21 overlying the slits 6 and also having their edges secured in overlapping relation to form darts.

Secured to the concave or under side of the pad is a padding sheet of material 22 also of substantially elliptical form and which is secured in transversely arranged position by means of the stitching 23.

Also secured around the marginal edges on the convex side of the pad is a binding strip or tape 24 and to the outer surface of the pad is secured a sheet of covering fabric 25, while a similar sheet of covering fabric 26 is secured to the under side of the pad by means of stitching 27 which extends through the marginal edges of the sheets 5 and 20.

Also secured to the under side of the pad adjacent the edge portions thereof, are a series of snap fasteners 28 by means of which the assembled pad is adapted for securing in position to the shoulder portion of a garment. The pad may also be secured by sewing it into the garment permanently.

From an inspection of Figure 7 of the drawings it will be apparent that the pad constructed in accordance with the foregoing invention will produce substantially square shoulders to a garment, the increased thickness of the padding 12, 7 and 17, at the peak of the pad serves to increase the thickness thereof as well as to maintain the pad in its concave-convex form.

It is believed the construction, advantages and manner of use of the pad will be readily understood from the foregoing without further detailed explanation.

Having thus described the invention, what I claim is:

1. A shoulder pad comprising a plurality of laminations in sheet form and including a base of stiff cloth of tear-drop contour, a plurality of slits at the opposite side edges of the cloth adjacent its bulbous end, means for securing the edges of the slits in overlapping relation to elevate the central portion of the base to produce an elongated concavo-convex base construction, a plurality of substantially oval-shaped sheets of padding secured in crossed relation to the upper surface of the base, a pad of substantially oval-shape sheet form secured transversely to the under side of the base and cloth cover sheets for each surface of the pad, all of said oval-shaped pads being positioned in the region of the inner ends of the slots to reinforce the elongated concavo-convex structure at the center of the rounded end of the pad.

2. A shoulder pad comprising a plurality of laminations in sheet form and including a base of stiff cloth of tear-drop contour, a plurality of slits at the opposite side edges of the cloth adjacent its bulbous end, means for securing the edges of the slits in overlapping relation to elevate the central portion of the base to produce an elongated concavo-convex base construction, a plurality of substantially oval-shaped sheets of padding secured in crossed relation to the upper surface of the base, a sheet of padding coextensive in area to the base sheet positioned on said oval-shaped sheets of padding and secured to said base sheet, a pad of substantially oval-shape sheet form secured transversely to the under side of the base and cloth cover sheets for each surface of the pad, all of said oval-shaped pads being positioned in the region of the inner ends of the slits to reinforce the elongated concavo-convex structure at the center of the rounded end of the pad.

DOROTHY W. ROMAINE.