

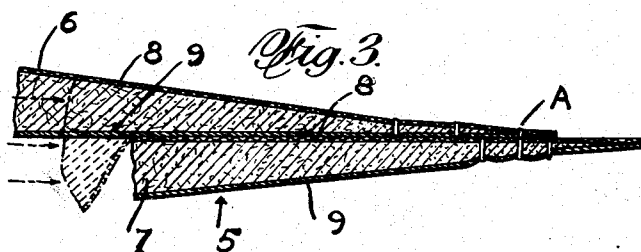
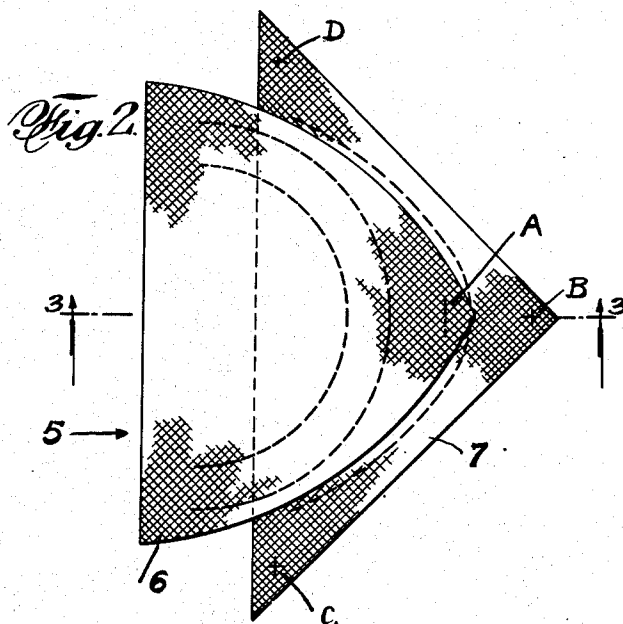
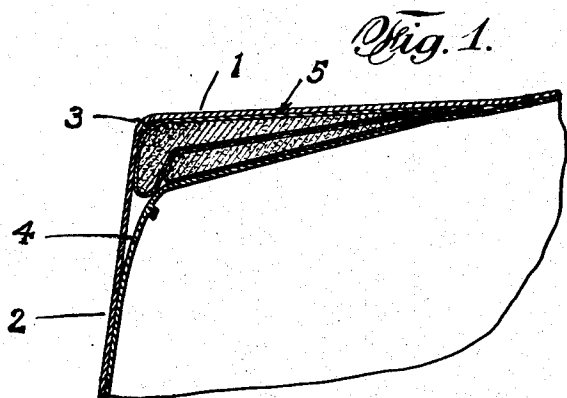
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SHOULDER PAD

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SHOULDER PAD

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4 Claims. (Cl. 2—268)

My invention relates to shoulder pads, and in more detail, to a shoulder pad suitable for use in a coat made of heavy material such as thick cloth or fur.

The shoulder pads presently used are formed in a wedge-shape and consist of a single layer of material. This type of pad is securely tacked, or stitched, to the garment at the shoulder seam and bears the weight of the sleeve and part of the weight of the shoulder of the garment. If the material is heavy or of fur, the pad will be unable to stand in its normal position and retain the weight and will curve over at the end of the shoulder where it adjoins the sleeve, preventing the forming of a right angled shoulder and sleeve, or a straight shoulder as it is sometimes called. This square, or straight shoulder is a desired feature and much sought after in the present styles of coats and fur coats.

In order to counteract the weakness of this type of pad and to provide one which will supply a square shoulder in a heavy garment, I have constructed a double unit pad, the two halves of which supplement each other to supply added stiffness when in use, and added material to form a square shoulder. In addition, I have provided a pad, part of which is easily movable and, if desired, self adjusting so that it can be properly positioned inside the garment. My pad is comprised of two individual wedge or fan-shaped pads sewed together at their apexes, the under pad being slightly wider than the upper pad, and the upper pad being advanced over the lower pad to overhang or extend beyond it.

With these and other features and objects in view, the invention consists in the shape and form of construction, combination and arrangement of parts as will be hereinafter more fully described and illustrated in the accompanying drawing which disclosed the preferred embodiment of the invention and pointed out in the claims hereunto appended.

In the drawing, Figure 1 is a vertical sectional view of a coat shoulder with the pad in position; Figure 2 is a plan view looking down on a pad; and Figure 3 is a vertical section through the center of the pad, along line 3—3.

Similar reference characters indicate corresponding parts throughout the several views in the drawing. In Fig. 1 of the drawing, the coat shoulder 1 and the sleeve 2 are joined together at the seam 3 and the sleeve hangs straight downward forming what is commonly called a straight or square shoulder. Attached to and under the shoulder 1, and above the lining 4, is

the shoulder pad 5. This pad is spread out fan-wise at the shoulder of the coat with the narrow part of the pad at the neck and the broad part at the sleeve in order to provide the desired square shoulder.

In Figures 2 and 3, my shoulder pad is shown alone and unattached to the coat. The pad 5 is comprised of two individual separate units 6 and 7 sewed together at A. The body of the units 6 and 7 are made of any type of felt, cellulose or padding desired, and the upper and under side of each unit is provided, respectively, with the usual stiff back 8 and the soft cover 9, as is customary in the making of pads. Both 6 and 7 are wedge- or fan-shaped and increase in thickness from a minimum at the apex, or narrow end, to about an inch or an inch and a half of material at the wide forward edge. The shape of the two units differs slightly; unit 6 which is positioned over unit 7 extends slightly beyond 7 toward the sleeve of the garment when positioned in the garment, and 7 being broader than 6 extends to either side of 6.

The pad is positioned in the coat by forcing or holding the pad in the shoulder and sleeve intersection with the forward face of the unit 6 pressed against the sleeve and the upper surface of 6 against the shoulder. The pad is then secured by tacking or stitching at the points B, C and D in 7 to the lining material 4. The unit 6 is not bound to the coat in any way and is secured in position by means of its location between the unit 7 and the material 1 and by being stitched to the unit 7 at the point A. This permits unit 6 to retain a considerable amount of adjustability and it can be moved about the point A fan-wise to any position between C and D, or it can self adjust itself within these limits.

When the pad is forced forward against the sleeve the over-hanging part of the unit 6, which extends beyond the front edge of the unit 7, is bent part downward before the forward edge of 7 and part forced backward into the unit 6 concentrating more material at the apex of the angle of the sleeve and shoulder and increasing the density of the padding at this point. This results in increasing the strength of the shoulder pad at the angle point between the sleeve and shoulder and forms the square shoulder.

The weight of the coat is transferred onto the shoulder of the wearer of the coat through the part of the unit 6 removed from the sleeve and the unit 7. As no weight is carried by the unit 6 at the angle point no flattening of the pad material and deformation of the square shoulder can

result. On the contrary the downward force on the unit 6 where it rests on the unit 7 causes an internal pressure which tends to force more material into the angle point and aid in preserving the squared shoulder.

A pad can be formed having some of the benefits of the described pad by joining the units 6 and 7 into a single wad of padding. This can be accomplished either by sewing the units 6 and 7 firmly together about their edges or by cutting a single lump of wadding into the shape of the finished pad shown in the figures.

It is of course understood that the various embodiments above described and shown in the drawing are merely illustrative of the invention, and that numerous changes and modifications may be made within the scope of the appended claims without departing from the spirit of this invention.

I claim:

1. A shoulder pad comprised of two fan-shaped elements resting one above the other and joined together at the narrow part, the wide part of the upper element extending beyond the wide part of the lower element and the lower element being wider than the upper element, the part of the upper element extending beyond the lower element providing an excess of material which can be compacted, bent over, and against the lower element to retain a square shoulder at the pad's thick end.

2. A shoulder pad comprised of two fan-shaped elements, each one having a widespread, thick

and fan-like end and a narrow thin end and the two elements resting one above the other and joined together only toward the narrow ends and the upper element's fan-like end extending beyond the lower element and the lower element extending to either side of the upper element, the joining of the two elements at their narrow end only permitting the upper element to move relative to the lower element and allocate itself in the garment in which the pad is attached and the part of the upper element extending beyond the lower providing an excess of material which can be compacted against the lower element to retain a square shoulder at the pad's thick end.

3. A shoulder pad comprised of two fan-shaped elements, each one having a widespread, thick and fan-like end and a narrow, thin end and the two elements resting one above the other and joined together toward the narrow ends and the upper element's fan-like end extending beyond the lower element, the over extending part of the upper element's fan-like end providing an excess of material which can be compacted, bent over, and against the lower element to retain a square shoulder at the pad's thick end.

4. A pad for use in garments formed with a wide thick end and a thin narrow end and the wide end being cut away at its under side so as to form an overhanging lip to provide material which can be compacted into the thick end of the pad and reenforce it to retain a square shoulder.

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