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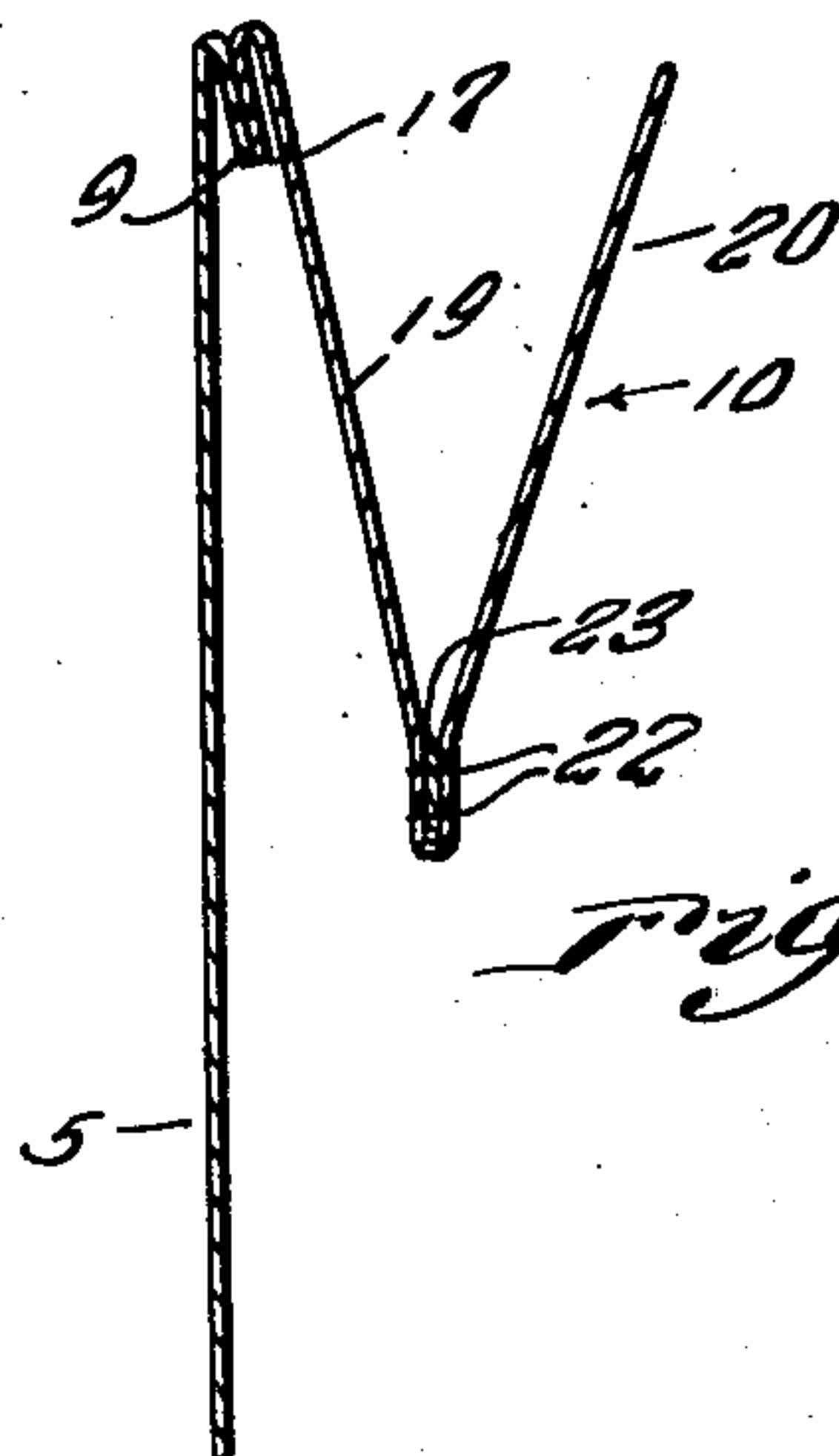
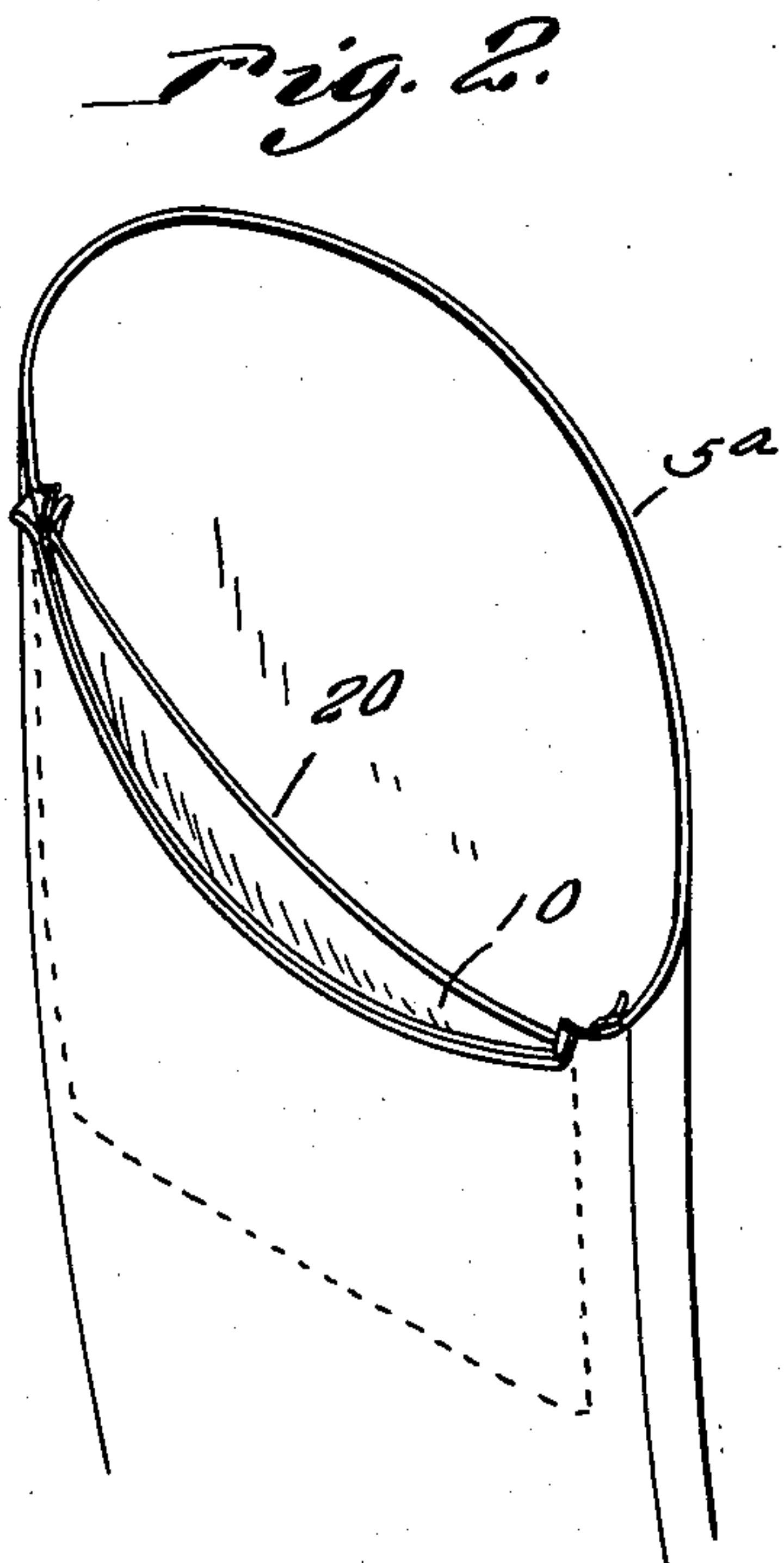
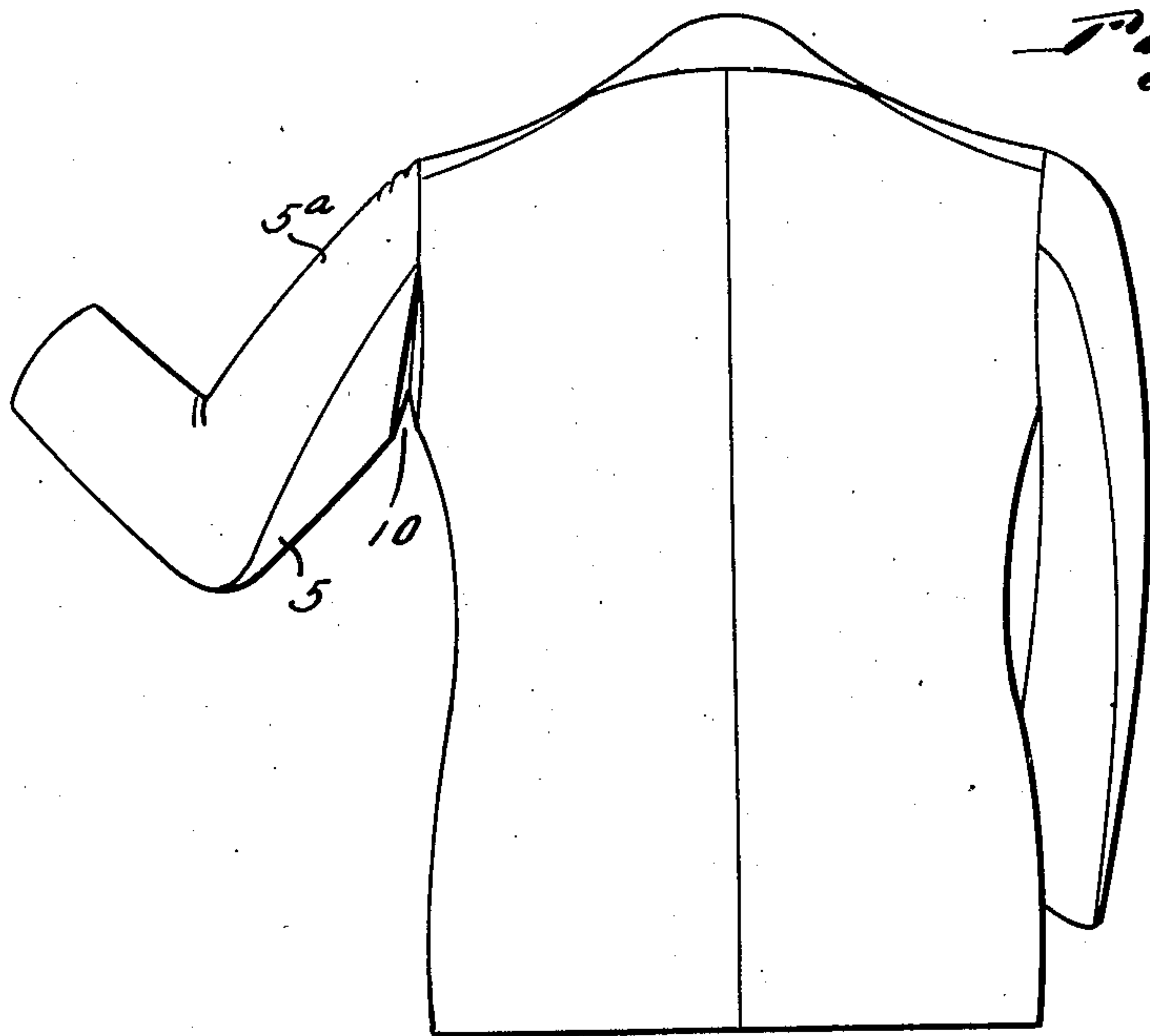
W. B. SWINT

2,012,206

GARMENT SLEEVE

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2 Sheets-Sheet 1



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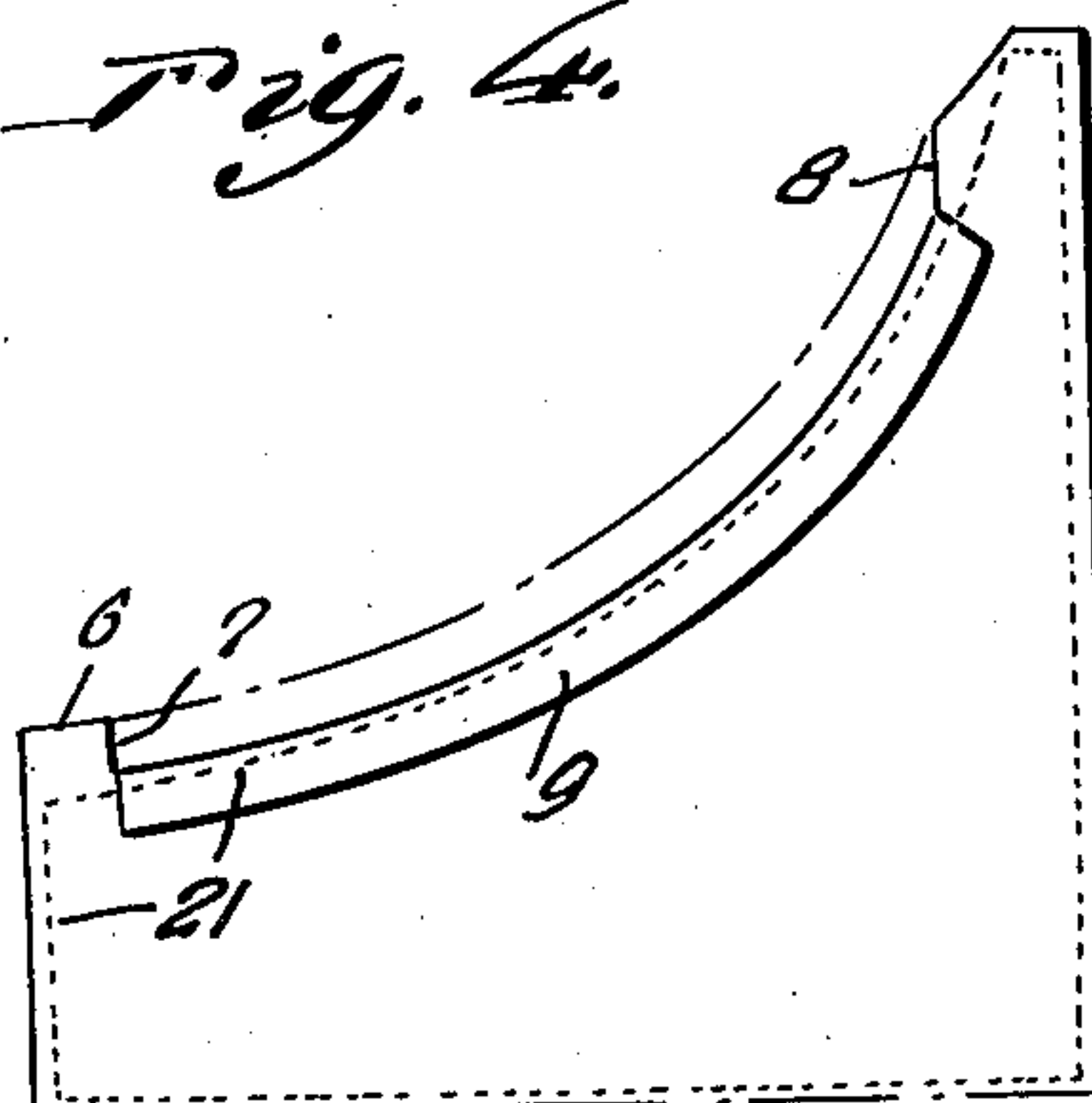
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GARMENT SLEEVE

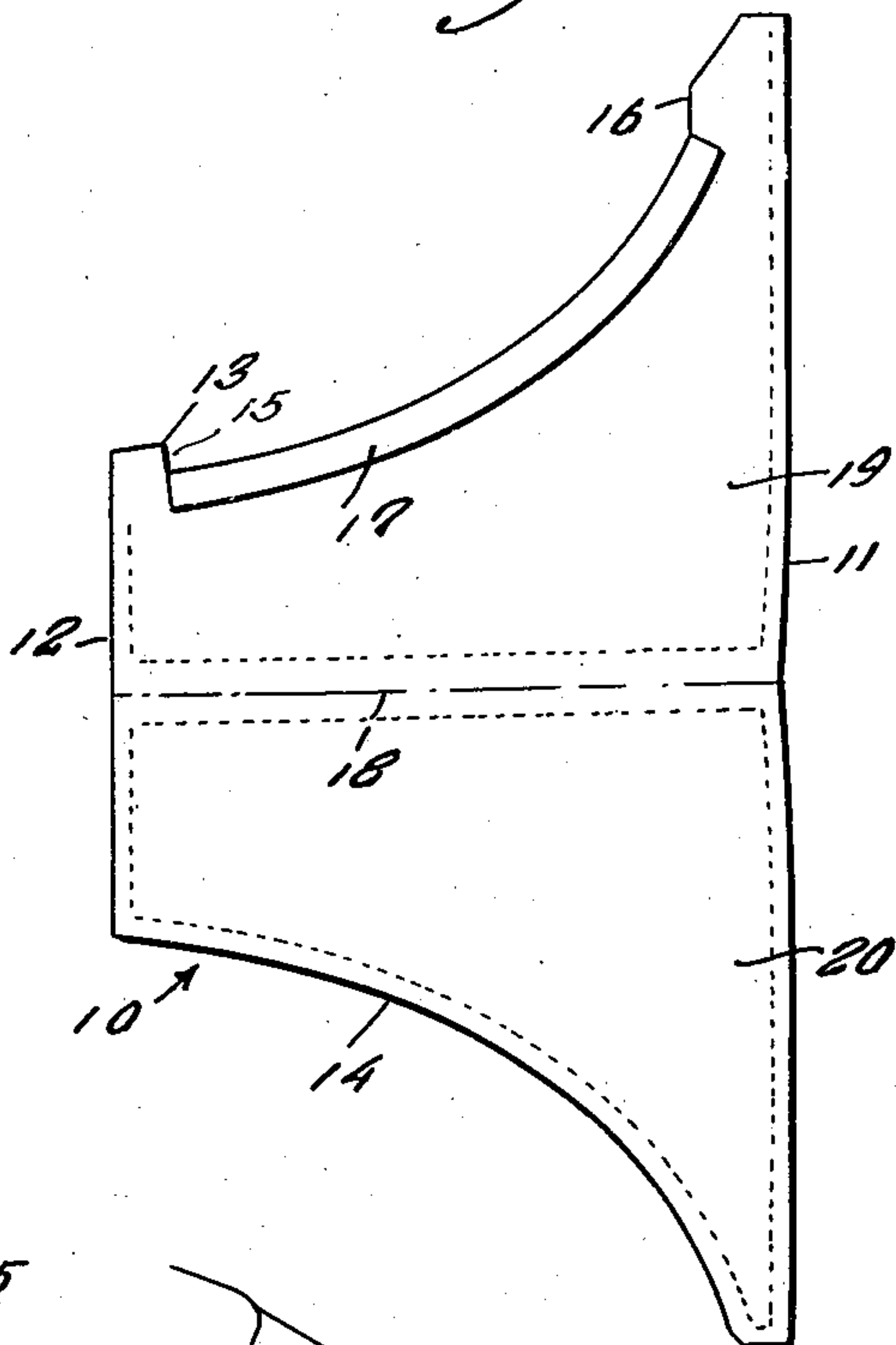
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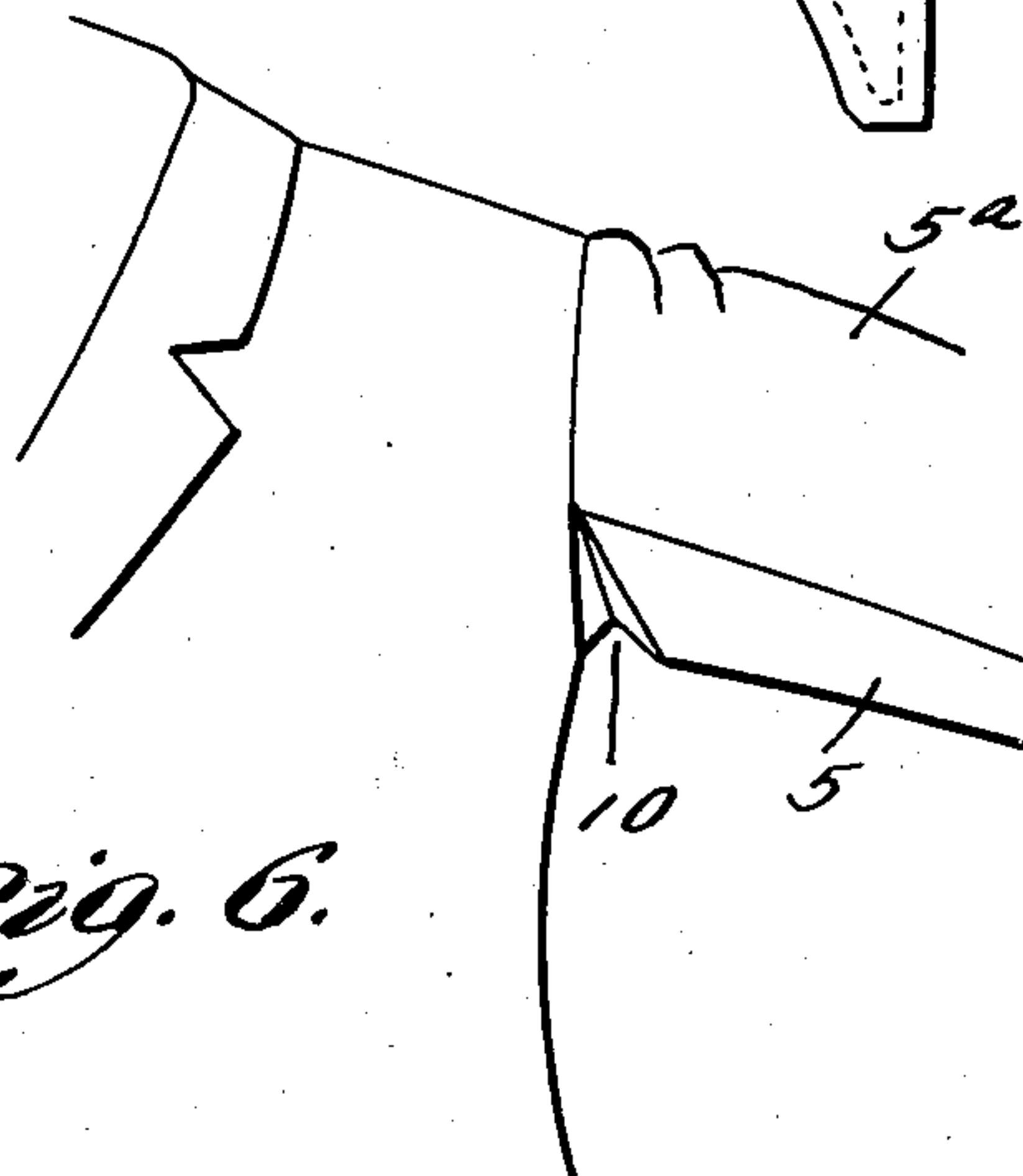
*Fig. 4.*



*Fig. 5.*



*Fig. 6.*



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## UNITED STATES PATENT OFFICE

2,012,206

## GARMENT SLEEVE

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Application August 16, 1934, Serial No. 740,183

4 Claims. (Cl. 2—125)

This invention relates to garments and more particularly to sleeve constructions for garments.

An object of the invention is to provide an improved garment sleeve which will permit free action, and in accordance with the invention, to provide such a sleeve construction which may be embodied in a garment worn for either sport or formal dress purposes, and which can also be embodied in garments usually worn by laboring men.

In accordance with the present invention, arm pit strain is entirely eliminated, and without waste of material all free action required by the shoulders and arms is permitted.

The invention, together with its objects and advantages, will be best understood from a study of the following description, taken in connection with the accompanying drawings wherein:

Figure 1 is a rear elevational view of a garment embodying the invention.

Figure 2 is a perspective view of a sleeve having the invention associated therewith.

Figure 3 is a fragmentary detail sectional view of the structure shown in Figure 2 illustrating certain details to be hereinafter more fully referred to.

Figure 4 is a plan view of an undersleeve or inner sleeve section constructed in accordance with the present invention.

Figure 5 is a plan view of an expansible bellows-like insert constructed in accordance with the present invention.

Figure 6 is a front elevational view of a portion of the garment showing the form and relation of the sections with the arm of the garment raised.

Referring to the drawings by reference numerals, it will be seen that in accordance with the present invention, the inner section or undersleeve 5 of the man's coat illustrated for the purpose of giving a clear disclosure of the invention has, in accordance with the present invention, its upper edge 6 curved to conform to an arm hole, and at said upper edge is slit at spaced points 7 and 8. The portion of the edge 6 between the slits 7 and 8 is doubled back over the inner face of the sleeve section 5 to provide an attaching fold or extension 9.

Further, in accordance with the present invention, a bellows-like insert 10 of suitable fabric is provided and is of the shape suggested in Figure 5 having substantially straight edges 11 and 12 and concave edges 13 and 14, connecting the edges 11 and 12, and these edges 13 and 14 are curved to conform to an armhole and to the edge 6 of the under sleeve 5.

At the edge 13 thereof, the piece 10 is slit at

the points 15 and 16 and the edge portion 13 between the slits 15 and 16 is doubled back to provide a fold 17 as shown in Figure 5.

In applying the bellows 10 to the sleeve, the said bellows 10 is folded intermediate the ends of the edges 11 and 12 thereof on an imaginary fold line 18 to provide two sections 19 and 20 respectively that are substantially identical, the section 20 being folded back against the side or face of the section 19 opposite to the fold 17. The fold 9 of the under sleeve 5 and the fold 17 of section 19 of bellows 10, in securing the bellows 10 to the undersleeve 5, are stitched together, and the sections 19 and 20 of the bellows at the edges 11 and 12 thereof are mutually united together and also united with the undersleeve 5 by stitching, the lines of stitching uniting the parts 17 and 19 together and the edge portions 11 and 12 of the sections 19 and 20 with one another and with the undersleeve 5 being indicated by dotted lines and also by the reference numeral 21.

In the fold between the sections 19 and 20 of the bellows there is secured by a double row of stitching 22 a tape 23 which gives the requisite stability and stiffness to the bellows at the fold between the sections of the bellows.

In securing the arm of the coat to the latter, in accordance with the present invention, the top sleeve or outer sleeve section 5a, united with the undersleeve or inner sleeve section 5 in the usual manner, has its upper edge stitched to the coat at the armhole in the conventional manner, while the section 20 of the bellows at the edge 14 thereof is also stitched to the armhole of the coat, completing the uniting of the sleeve with the coat and in a manner to leave the undersleeve or inner sleeve section 5 and the coat at the armhole thereof mutually separated.

Among the features to be noted concerning my invention is that the bellows-like insert is securely stitched to the coat and sleeve and that the stitching or seams uniting the bellows with the undersleeve 5 and the coat extend under the armpit from the front to the rear seams connecting the inner and outer or in other words, the undersleeve and top sleeve together. As a result the insert will give the intended relief of its own accord without the use of elastic as is now necessarily embodied in inserts employed for the purpose of giving the relief and arm and shoulder freedom now desirable in garments such as men's coats and the like. As a further result, with my invention, the greatest freedom is given directly under the arm whereas the present practice is to have the inserts located above and be-



hind the armpits which location necessarily requires the use of an elastic located at about the point where, in accordance with the present invention, there is located my tape 23 which tape  
 5 is inelastic and is used for the purpose of merely adding sufficient stability and rigidity to the fold in the bellows-like insert and does not function and need not function to snap the insert back in place when the arm is lowered, which is the  
 10 purpose and function of the elastic strips now generally employed.

If desired, in attaching the folds 9 and 17 together, a tape of suitable width and length may be secured between the folds.

15 What is claimed is:

1. In a garment including a body portion having a sleeve, an insert member having a long substantially straight side edge and a short substantially straight opposite side edge, the end  
 20 edges curving inwardly from the long edge to the short edge, said insert member being folded centrally to place the curved end edges adjacent each other, a seam connecting one curved end edge to the under portion of the upper end of  
 25 the sleeve, with the insert member located in the sleeve, seams connecting the folded straight edges to the upper portion of the under part of the sleeve, a seam connecting the other curved end edge of the insert member to the under part  
 30 of the armhole portion of the body portion of the garment, and a seam connecting the upper and side portions of the top part of the sleeve with the body portion of the garment.

2. In a garment including a body portion and  
 35 a sleeve, a pocket-like member having a long side edge and a short side edge, with the side edges at the open end curving inwardly and downwardly from the long edge to the short edge, said member being located in the upper part of  
 40 the sleeve and having one of the curved edges sewn to the under part of the upper edge of the sleeve with its straight edges sewn to the upper part of the sleeve adjacent the side portions thereof, the other curved edge of the mem-

ber being sewn to the under part of the armhole portion of the body of the garment, and the portions of the upper portion of the sleeve which are not sewn to the member, being sewn to the armhole portion of the body of the garment. 5

3. In a garment including a body portion and a sleeve, a pocket-like member having a long side edge and a short side edge, with the side edges at the open end curving inwardly and  
 10 downwardly from the long edge to the short edge, said member being located in the upper part of the sleeve and having one of the curved edges sewn to the under part of the upper edge of the sleeve with its straight edges sewn to the upper  
 15 part of the sleeve adjacent the side portions thereof, the other curved edge of the member being sewn to the under part of the armhole portion of the body of the garment, and the portions of the upper portion of the sleeve which are not  
 20 sewn to the member, being sewn to the armhole portion of the body of the garment, the under portion of the upper end of the sleeve having a spaced pair of substantially vertically arranged slits therein, the material between the  
 25 slits being folded inwardly to provide a flap and that curved edge of the member which is sewn to the sleeve having a pair of spaced substantially vertical slits therein, the material between the slits being folded to form a flap, the two flaps  
 30 being sewn together by said seam.

4. In a garment including a body portion and a sleeve, an insert member having a long side edge and a short side edge with an upper edge curving inwardly and downwardly from the long  
 35 edge to the short edge, said insert member being located in the upper part of the sleeve and having its side edges sewn to the upper part of the sleeve adjacent the side portions thereof, said curved edge of the member being sewn to the  
 40 under part of the armhole portion of the body of the garment, the under side of the sleeve being unattached and free of the body of the garment.

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