Dec. 19 1922. 1,439,160

J. J. GOULD.
GARMENT FORM.
FILED MAY 21. 1921.

Fig. 1.

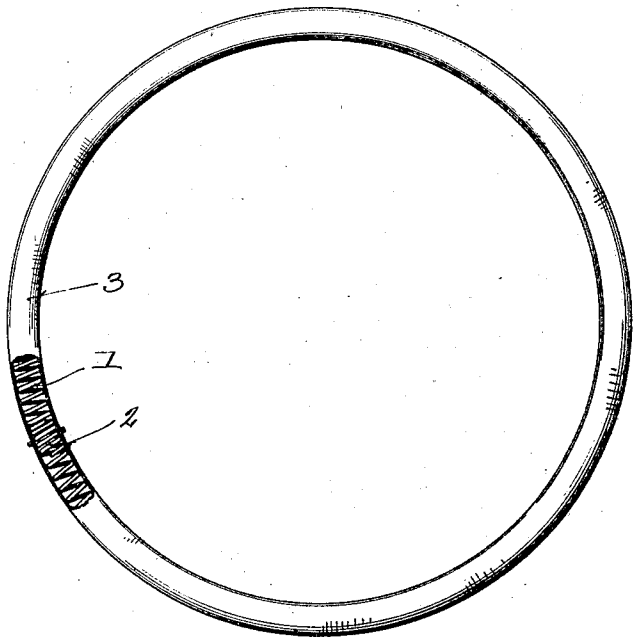


Fig. 2.

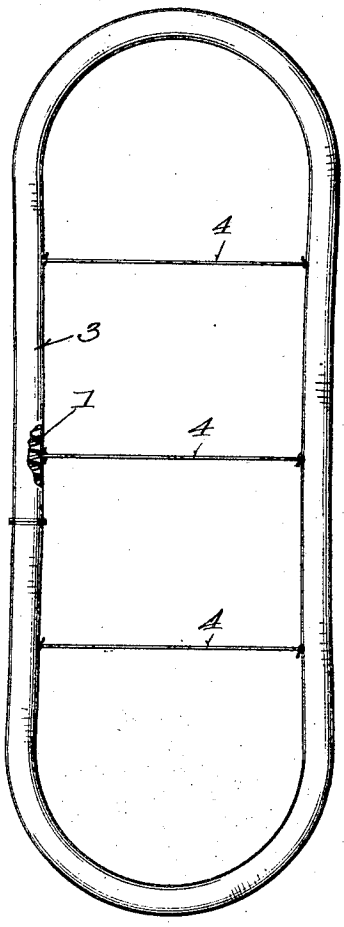


Fig. 3.

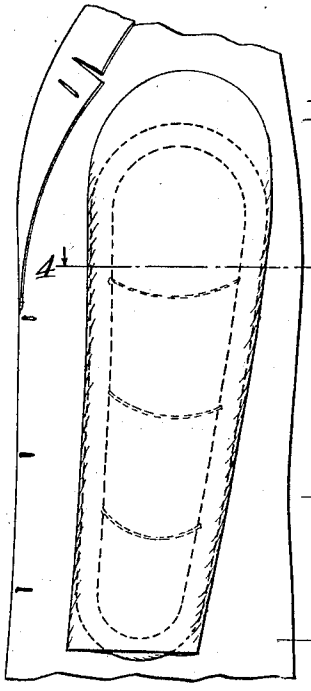
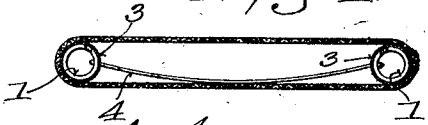


Fig. 4.



Jay J. Gould INVENTOR.

BY

Erwin Wheeler & Woolard ATTORNEYS.

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UNITED STATES PATENT OFFICE.

JAY J. GOULD, OF GREEN BAY, WISCONSIN.

GARMENT FORM.

Application filed May 21, 1921. Serial No. 471,315.

To all whom it may concern:

Be it known that I, JAY J. GOULD, a citizen of the United States, residing at Green Bay, county of Brown, and State of Wisconsin, have invented new and useful Improvements in Garment Forms, of which the following is a specification.

This invention relates to garment forms.

Objects of this invention are to provide a garment form which may be inserted within garments preparatory to treating them with steam or otherwise removing wrinkles from such garments; which will not distort the garment; which will not leave marks upon the pressed or steamed garment; and which may be readily inserted and removed.

Further objects are to provide a resilient garment form which may be inserted within the sleeves of coats or similar articles; which will not be injured by steam or other heated fluid; which may be cheaply and readily manufactured in an inexpensive manner.

Embodiments of the invention are shown in the accompanying drawing, in which:

Fig. 1 is a view of one form of the garment form.

Fig. 2 is a view of a further form thereof.

Fig. 3 is a fragmentary side elevation of a garment with the form inserted in the sleeve.

Fig. 4 is a section on the line 4—4 of Fig. 3.

The garment form comprises a helical spring 1 whose ends are joined by interlapping the terminal convolutions as indicated at 2 in Fig. 1. If desired, a small plug, not shown, may be inserted within these terminal convolutions. A tubular fabric sheath 3 completely encloses the helix and prevents successive convolutions of the helix from forming creases or ridges in the garment with which it is used.

This garment form may be initially of a circular contour as indicated in Fig. 1 and when inserted within the sleeve may be squeezed into an oval shape.

Fig. 2 shows a further form that this invention may take. This form of the invention is similar to that shown in Fig. 1 with the exception that cords or tapes 4 may be used to secure the desired oval shape. These flexible members are passed through the fabric sheath 3 and around one or more of the convolutions of the helix 2. If desired, a plurality of such fastening means may be employed. These fastening means allow the form to expand to a size slightly greater than that of the sleeve to be treated so that the inherent resiliency of the form will expand the sleeve and will aid in removing wrinkles therefrom when the sleeve is treated with steam.

In using the device it is slightly compressed and slipped into the sleeve of the garment. Thereafter the sleeve is placed between the upper and lower members of a steam press and the movable member is brought into close proximity to the sleeve. Steam is then admitted and passes through the fabric of the sleeve, thus allowing the form to expand due to its inherent resiliency and remove the wrinkles from the sleeve.

It is to be noted that when this garment form is inserted within garments such as coat sleeves or similar closed portions that it comprises in effect two side members. These members have a material cross sectional area and distribute the strains over a larger area of the fabric of the garment, thereby avoiding any localized stresses. In this manner, a sharp crease is not produced, and, due to the fabric sheath, the individual convolutions of the helix will not produce undesired ridges in the garment.

I claim:

1. A garment former adapted to be inserted within a garment sleeve and to distend the sleeve, said former comprising a hoop formed of a helical spring with its ends joined and of a size to be distorted when inserted within an ordinary garment sleeve, and a fabric sheath enclosing said spring, said hoop tending when distorted to maintain its normal form and to distend the sleeve substantially from end to end.

2. A garment former adapted to be inserted within a garment sleeve and to distend the sleeve substantially from end to end preparatory to treating the sleeve with steam to remove wrinkles and comprising a hoop-like fabric tube, means for maintaining the tube distended while permitting the passage of steam therethrough, said means expanding the hoop when the latter is distorted upon insertion in a sleeve, the sleeve being thereby distended substantially from end to end.

3. A former adapted to be inserted in a garment sleeve or the like and to distend the sleeve substantially from end to end,

said former comprising a hoop-like fabric tube, a helical spring in said tube maintaining the same distended, said hoop being adapted to extend from substantially end to end of an ordinary garment sleeve and to be distorted when inserted in the sleeve, the hoop, when distorted, being expanded outwardly by said spring against the inner surface of the sleeve to distend the latter substantially from end to end.

4. A garment former adapted to be inserted within a sleeve or the like to distend the same preparatory to treating the sleeve to remove wrinkles, said former comprising a hoop formed of a helical spring, said spring being freely and resiliently flexible in all directions and of a size adapted to extend substantially from end to end of an ordinary garment sleeve, said hoop, when inserted in a sleeve, permitting bending of the sleeve but being distorted and maintaining the sleeve distended substantially from end to end.

JAY J. GOULD.