(No Model.)

C. F. NORTH.

UNDER VEST.

No. 404,551. Patented June 4, 1889.

Fig. 1.

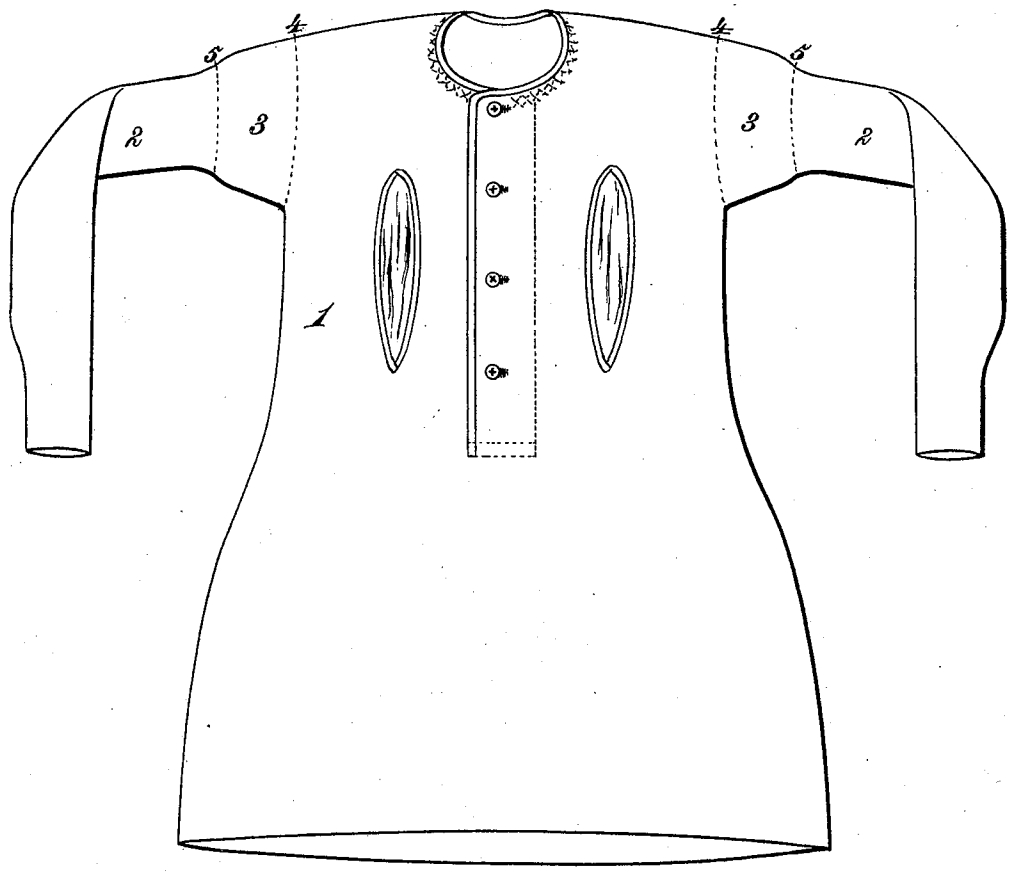
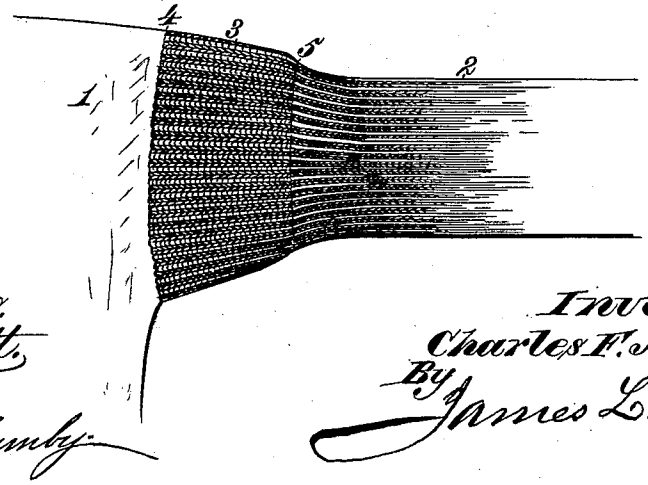


Fig. 2.



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UNITED STATES PATENT OFFICE.

CHARLES F. NORTH, OF COHOES, NEW YORK.

UNDER-VEST.

SPECIFICATION forming part of Letters Patent No. 404,551, dated June 4, 1889.

Application filed March 27, 1889. Serial No. 304,947. (Specimens.)

To all whom it may concern:

Be it known that I, CHARLES F. NORTH, a citizen of the United States, residing at Cohoes, in the county of Albany and State of New York, have invented new and useful Improvements in Under-Garments, of which the following is a specification.

My present invention relates to that class of under-garments known in the market as "under-vests" for women.

Heretofore and prior to my invention under-vests have been manufactured and sold under the name of "cut knit vests," in which the sleeves have been cut from the same material as the body portion, cuffs of more elastic material being applied to the ends of the sleeves to form a species of wristlet. The sleeves themselves, however, have always been large to adapt the garments to limbs of large as well as smaller sizes, and they are thus rendered loose and baggy upon women of average size. Still another garment has been in use, known as the "Swiss" or "ribbed" knit vest, in which an attempt has been made to provide a sleeve having a close fit, but without success, and a want has for some time been felt for an under-vest having a glove-fitting sleeve which is adapted to the average class of consumers, and wherein a connection between a sleeve of this character and the body of the garment shall provide a perfectly flexible, easy, and comfortable fit about the shoulder and under the arm, where all tendency to chafing shall be avoided, while the sleeve proper shall fit the arm of the wearer smoothly and closely without wrinkling or bagging, but with sufficient elasticity to be perfectly easy under all circumstances, these characteristics being retained permanently, whereby the tight-fitting dress-sleeve may be worn with comfort and have a close glove-fit and smooth unwrinkled appearance.

It is the purpose of my present invention to meet this want and provide an under-vest satisfying all the requirements essential to ease, comfort, and convenience, and promoting the elegant appearance of the outer garments.

The invention consists to these ends in the novel features hereinafter set forth, and then pointed out in the claims following this specification.

Referring to the accompanying drawings, Figure 1 is a view of an under-vest embodying my invention. Fig. 2 is a detail view of one of the sleeves and a portion of the body, showing the manufacture more fully.

In said drawings the reference-numeral 1 denotes the body portion of an under-vest for ladies, which is made in any known or ordinary manner and of the usual varying sizes indicated by waist-measurements.

The numeral 2 designates the sleeves of the under-vest, which are knit upon a circular frame. At the point where these sleeves join the body a section 3 of tuck-stitch fabric begins, having such size at the point where said section unites with or is sewed to the body portion as to secure an easy fit over the shoulder of the wearer and avoid chafing under the arm, the section 3 contracting from its point 4 of junction with the body portion to the point 5, where it joins the arm portion of the sleeve proper, the contraction being such as to give a close fit upon the arm at the point of union 5, while the superior elasticity of the tuck-stitch sections 3 provides a perfectly-comfortable fit over the point of the shoulder and under the arm and permits all possible movements of the wearer without the slightest restriction or inconvenience. From the point where the sections 3 unite with the sleeve portions proper the sleeve is knit with a plain rib-stitch, and of such size with relation to the waist-measurement of the body portion as to give a glove fit to the arms of the average sizes of wearers to whom the body portion is adapted. At the ends of the sleeves I cut out a section of the material and overseam the parts together, thereby contracting or goring the wrist portion to form a cuff of smaller size than the arm portion in the manner usually employed in the ordinary patterns of under-vests.

These garments are manufactured in all the usual sizes, the dimensions of the sleeves and the proportioning of the tuck-stitch sections 3 being regulated by the size of the body, as indicated by the usual waist-measurements.

By this invention I provide an under-vest having a glove-fitting sleeve connected at the shoulder by an elastic section of fabric having the proper size to give an easy and perfectly yielding fit upon the point of the shoulder and avoiding all chafing under the arms,

thereby promoting the comfort, convenience, and appearance of the tightly-fitting dress-sleeve and protecting the arm and adding to the health and comfort of those wearing a loose dress-sleeve.

Having thus described my invention, what I claim is—

1. As a new article of manufacture, a lady's under-vest consisting of a vest body and sleeves comprising a plain rib-stitch glove-fitting body 2, having a contracted cuff portion for the wrist, and the tuck-stitch section 3, sewed to the vest-body and gradually contracted from the latter to the rib-stitch glove-fitting sleeve-body, substantially as and for the purposes described.

2. A lady's under-vest consisting of the vest body and sleeves comprising the plain rib-stitch glove-fitting body 2, having the contracted gored cuff portion, and the tuck-stitch section 3, sewed to the vest-body and contracted therefrom to the rib-stitch glove-fitting sleeve-body, substantially as and for the purposes described.

In testimony whereof I have affixed my signature in presence of two witnesses.

CHARLES F. NORTH.

Witnesses:
WALTER S. DOTY,
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