

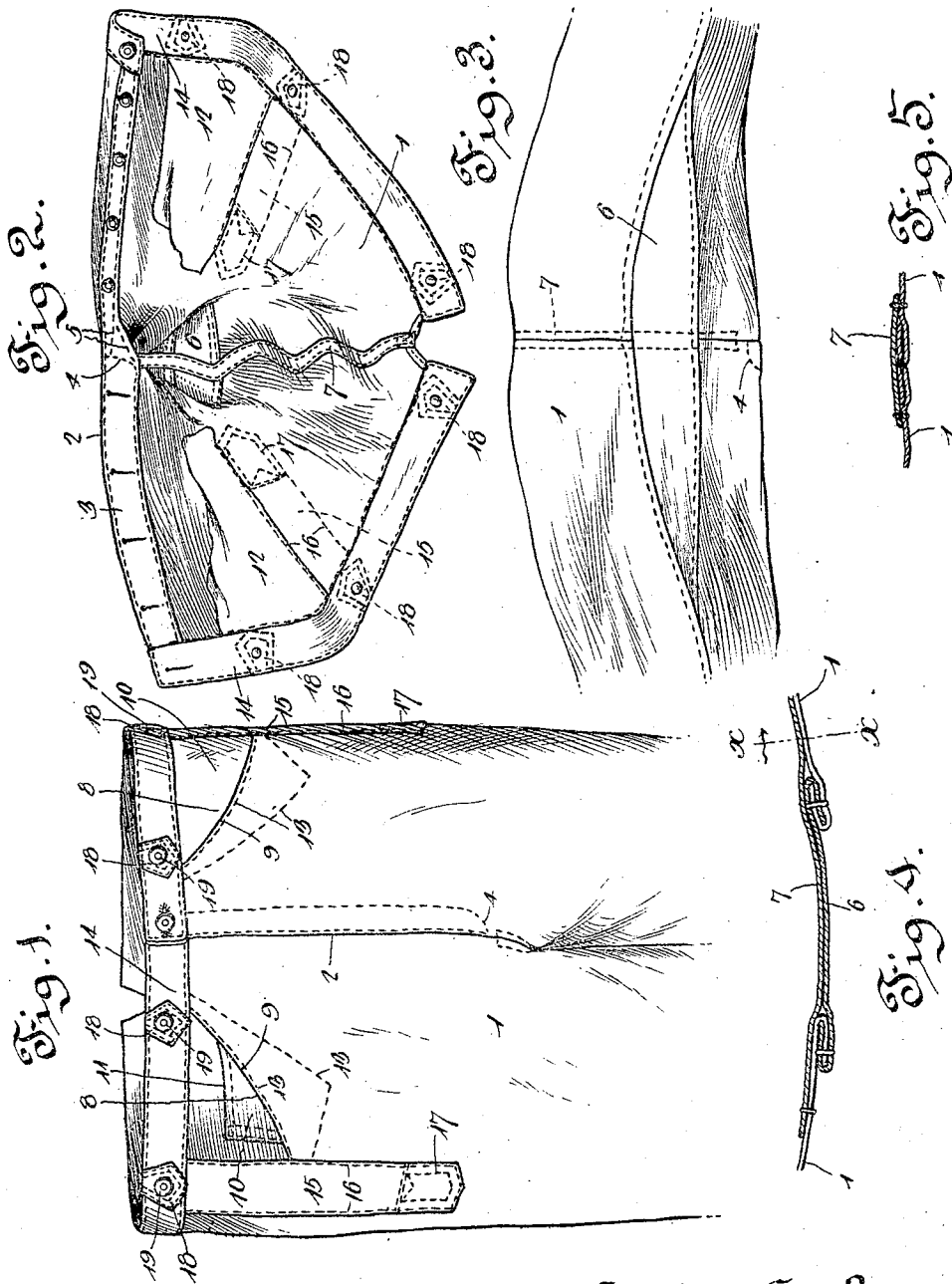
No. 648,797.

Patented May 1, 1900.

I. SACHS.
GARMENT GUSSET.

(Application filed May 31, 1899.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

ISADORE SACHS, OF ROANOKE, VIRGINIA.

GARMENT-GUSSET.

SPECIFICATION forming part of Letters Patent No. 648,797, dated May 1, 1900.

Application filed May 31, 1899. Serial No. 713,901. (No model.)

To all whom it may concern:

Be it known that I, ISADORE SACHS, a citizen of the United States, residing at Roanoke, in the county of Roanoke and State of Virginia, have invented new and useful Overalls, of which the following is a specification.

This invention relates to overalls; and the intention and purpose of the special construction involved is to render apparel of this class more durable by the addition of strengthening attachments and reinforcing-strips at points usually weakened by strain exerted in different directions and incident to constant use, and thereby obviate tearing or loosening by pulling tension and breakdowns or rips, and in consequence materially increase the general wearing qualities of such articles.

The invention consists in the construction and arrangement of parts hereinafter more fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a portion of a pair of overalls embodying the features of the invention. Fig. 2 is a top plan view of the overalls shown by Fig. 1, illustrating the parts as spread open and looking into the interior of the same. Fig. 3 is a bottom plan view showing the crotch arrangement of the overalls. Fig. 4 is a transverse vertical section through the central portion of the crotch, as shown by Fig. 3. Fig. 5 is a section on the line *x x* of Fig. 4.

Similar numerals of reference are employed to indicate corresponding parts in the several views.

The numeral 1 designates overalls which are preferably made up from material ordinarily employed for the purpose and embodying in all respects, except in the particular instances hereinafter noted, the ordinary features of overall construction.

The all-important feature of the present invention is the continuous crotch-reinforce clearly shown by Fig. 3 and inserted or interposed between the upper portions of the legs of the overalls, meeting at the crotch. The continuous crotch-reinforce 6 is of itself a very strong mode of overcoming a disadvantage which ensues in the ordinary connecting-seam construction of the old form of overalls. In this instance, however, the said crotch-reinforce is further stayed or strengthened

by an inside stay-strip 7, which crosses the central transverse portion of the same and continues upward through the back part of the overalls and also forward to a point close under the lower termination of the fly, as shown in dotted lines by Fig. 1. The stay-strip 7 crosses the crotch-reinforce 6 at a point where the latter is apt to have the greatest strain applied, and tearing asunder by lateral pull is completely avoided at this point. The stay-strip 7 materially adds to the strength of the central back seam of the overalls and reinforces the same against sidewise pulls or tension, and, furthermore, by extending beyond the crotch-reinforce in a transverse direction a greater brace is given to the said stay-strip.

The mode of connecting the edges of the crotch-reinforce 6 to the adjacent edges of the overalls at opposite sides is clearly shown in Fig. 4, the said edges being interlocked or overfolded, and lines of stitches run through the parts thus connected.

In Fig. 5 the exact position of the stay-strip 7 over the central seam of the parts of the overalls in advance or rear of the reinforce 6 is shown, and it will be noticed that the said stay-strip is connected to the said parts of the overalls on opposite sides of the main attaching-seam, thereby relieving said seam from the full effect of lateral strain.

From the foregoing it will be seen that the overalls are reinforced and strengthened at that point where strain in various directions would be liable to produce a breaking away of the stitching or tearing of the material of which the overalls are composed or made up. The wearer of the improved overalls is afforded considerably more latitude of movement than is accorded by the old form of overalls, and by thus compensating for all contingencies the wearing qualities of the present form of overalls is greatly increased, and the life of the same accordingly extended.

Changes in the proportions, dimensions, and minor details of construction might be resorted to without departing from the spirit of the invention or sacrificing any of the advantages incident thereto.

Having thus described the invention, what is claimed as new is—

A pair of overalls comprising in its organization a seat and legs respectively having the

usual central seam and inside seams, an in-
 elastic crotch-piece formed of a single strip
 having the longest axis in line with the in-
 side seams of the legs, the front edge being
 5 substantially straight and approximately in
 line; the said inside seams and the rear edge
 curved and extending over the under front
 confines of the seat, both front and rear edges
 of the said crotch-pieces being turned over
 10 and interlocked with the reversely-turned-
 over edges of the adjacent leg portions and
 the seat, and a reinforcing-strip applied di-
 rectly on the inner transverse central portion
 of the face of said crotch-piece and firmly se-

cured thereto at opposite edges and extend- 15
 ing rearwardly and upwardly completely over
 the central seat-seam and forwardly and up-
 wardly adjacent the lower terminal of the fly
 to strengthen the overalls against stretching
 strain in different directions. 20

In testimony that I claim the foregoing as
 my own I have hereto affixed my signature in
 the presence of two witnesses.

ISADORE SACHS.

Witnesses:

J. ROSS COLHOUN,
 THEODORE DALTON.