June 24, 1930. S. F. STEIN 1,766,698

TROUSERS

Filed July 14, 1926

Fig. 1

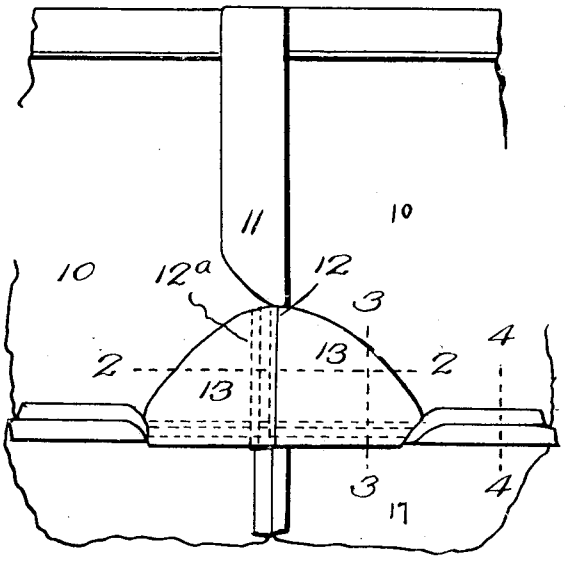


Fig. 2

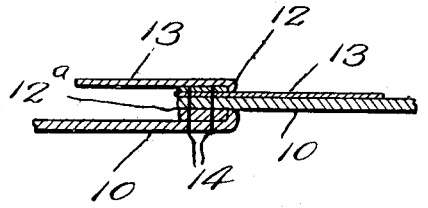


Fig. 3

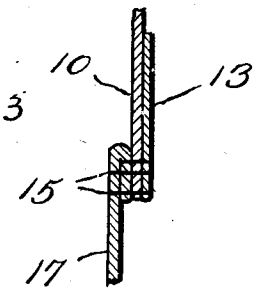
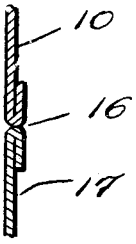


Fig. 4



Inventor

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UNITED STATES PATENT OFFICE

SAMUEL F. STEIN, OF WILLIAMSPORT, PENNSYLVANIA

TROUSERS

Application filed July 14, 1926. Serial No. 122,398.

My invention relates to ready made trousers or knickerbockers, my object being to improve the construction thereof in regards to matters where, by reason of large standardized construction, the comfort and other requirements of the individual wearers cannot be consulted as is the case with the custom made clothes. In particular, my object is to better the construction at the crotch, to obviate, or to ameliorate conditions thereat which unavoidably result from factory or wholesale production, and also to secure other advantages or benefits that effect the garment itself. My invention consists in whatever is defined by or is included within the terms and scope of the appended claims.

In the drawings:

Fig. 1, is an elevation of the interior portion of the front crotch of a pair of trousers having my invention.

Fig. 2, is a section on line 2—2 of Fig. 1.

Fig. 3, is a section on line 3—3 of Fig. 1.

Fig. 4, is a section on line 4—4 of Fig. 1.

Trousers as commonly made ready for wear have seams at the crotch that are exposed on the inside, and beneath the seam fold, at each side, is secured the edge of a sweat piece, and for reinforcing purposes strips of tape are sewed at the crotch seam as well as the laterally extending leg seam. All this is objectionable for various reasons, and as no proper provision can be made for "dress" discomfort of the person of the wearer results. The construction, especially in regards to the reinforcing tapes is troublesome in the sewing operation and requires care that means lengthened time for manufacture that adds to cost. By my construction I so apply the sweat pieces that they overlie and cover the seams at the front crotch and serve the purpose of the reinforcing tapes, so that these may be omitted, and thus diminishing the quantity of material at the crotch and providing a friction-taking surface between the crotch seams and the wearer's person, the folds or overlaps 12^a that constitute such seams are hidden from sight so the garment looks better, and the collection of lint or dust in such seams is prevented, thus a sanitary condition is promoted.

Referring to the drawings, the two trousers fronts, 10, having the usual fly, 11, are joined by the usual vertical seam, 12, that extends downward and rearward from the fly, 11, and the two sweat pieces, 13, each of triangular shape, are joined at the ends thereof together, and to the fronts, 10, by vertical lines of stitches, 14, that pass through portions of the sweat pieces that overlap one another at the sides thereof. The outermost sweat piece is folded away from the other sweat piece, so that in the finished garment they extend in opposite directions from the seam and thus are in the outer seam-covering position which gives the advantages above pointed out. The apexes of the triangular sweat pieces reach upward to the bottom of the fly. At the base of the triangular sweat pieces they are joined by horizontal stitches, 15, to the garment. By the two lines of stitches, 14 and 15, which run at right angles and join the sweat pieces to the trousers, the sweat pieces are made to serve as the reinforcing for which the tapes heretofore mentioned are used.

The stitches 15 produce a corded seam, and they extend to or substantially to the side edge of the sweat piece, and thus great seam strength is provided at this point. From the edge of the sweat piece on down the length of the inside trousers' seam, the latter is an ordinary seam, 16, to avoid the objectionable appearance that a corded seam would have, if the two trousers' fronts 10, and the trousers' backs 17, were seamed up with a corded seam all the way down.

By trousers, I mean any bifurcated nether garment to which my invention is applicable.

I claim:

1. Trousers having front parts and back parts, said front parts being joined at the crotch by a seam, and a seam joining said front and back parts thereat, sweat pieces secured by stitches which form the seam joining said front parts, one of said sweat pieces overlying said seam and the other sweat piece extending in the opposite direction there-

from and the sweat pieces overlying the seam which joins said front and back parts.

2. Trousers having front parts and back parts, said front parts being joined at the crotch by a seam, and a seam joining said front and back parts thereat, a sweat piece secured by stitches which form the seam joining the front parts, said sweat piece overlying said seam and the seam which joins said front and back part.

3. Trousers having front parts and back parts, said front parts being joined at the crotch by a seam, and a seam joining said front and back parts thereat, sweat pieces secured by stitches along the seam which joins the front parts, one of said sweat pieces overlying said seam and the other sweat piece extending in opposite direction therefrom and the sweat pieces overlying the seam which joins said front and back parts.

4. Trousers having front parts and back parts, said front parts being joined at the crotch, and a seam joining said front and back parts thereat, a sweat piece stitched at the crotch by stitches which join said front and back parts, said sweat piece overlying said seam.

SAMUEL F. STEIN.