J. P. WEIS.

SEAM STRUCTURE FOR GARMENTS.

APPLICATION FILED FEB. 1, 1917.

1,269,986. Patented June 18, 1918.

Fig. 1.

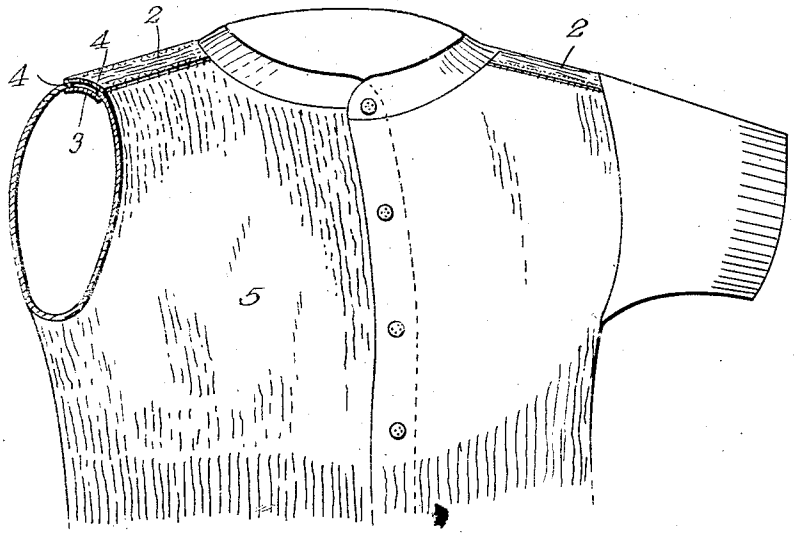


Fig. 2.

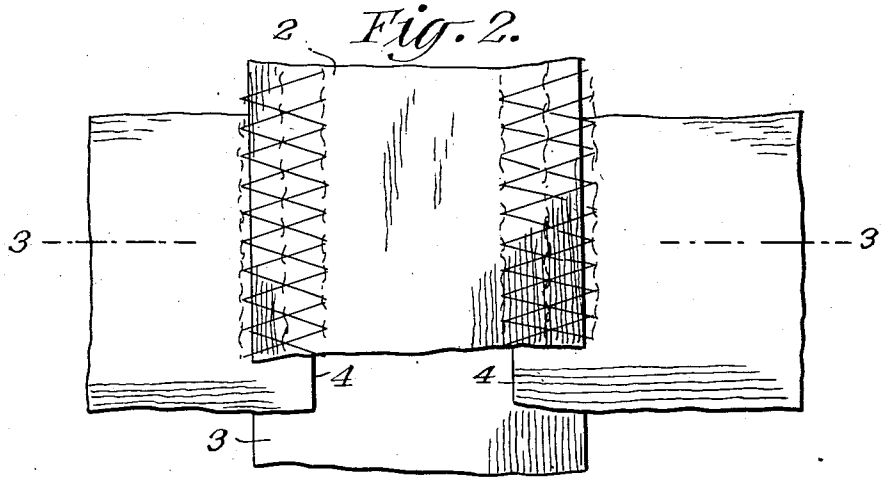
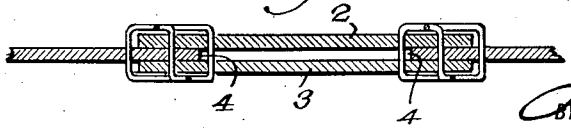


Fig. 3.



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JOHN P. WEIS, OF NYACK, NEW YORK, ASSIGNOR, BY MESNE ASSIGNMENTS, TO METROPOLITAN SEWING MACHINE CORPORATION, OF DOVER, DELAWARE, A CORPORATION OF DELAWARE.

SEAM STRUCTURE FOR GARMENTS.

1,269,986. Specification of Letters Patent. Patented June 18, 1918.

Application filed February 1, 1917. Serial No. 145,826.

To all whom it may concern:

Be it known that I, JOHN P. WEIS, a citizen of the United States, residing at Nyack, in the county of Rockland and State of New York, have invented certain new and useful Improvements in Seam Structures for Garments, of which the following is a specification.

This invention relates to an improvement in garments, more particularly however, to the seams thereof, it having primarily to do with the shoulder seams of knitted wear, the object of the invention being to provide an improved garment seam, which will materially prevent the sagging of the garment at the shoulder seams, and which will also permit in certain cases the use of a very light fabric for uniting the heavier fabric of the garment, an object of the present invention being the provision of an improved garment in which the spaced edges of the garment seam are united by strips, one overlying and the other underlapping such spaced edges and so connected therewith that the raw edges of the flat strips are covered whereby a more desirable lapped seam is obtained than heretofore.

In the drawings accompanying and forming a part of this specification,

Figure 1 illustrates this improved seam applied to the shoulders of a knitted garment; Fig. 2 is an enlarged detail view illustrating this improved seam; Fig. 3 is a cross sectional view taken on line 3—3 Fig. 2.

Similar characters of reference indicate corresponding parts in the several figures of the drawings.

This improved seam structure comprises in the present instance an overlapping strip 2 and an underlapping strip 3 secured by suitable stitches to the spaced edges 4 of the garment, which in the present instance is shown as a knitted undershirt 5, the strips being stitched to the garment in such manner that the raw edges of the strips are covered. The wales of the strips extend lengthwise of the strips and therefore transversely or at right angles to the wales of the garment.

In view of the fact that knit goods has elasticity in both directions but very little in the direction of its length or in the direction of the wale thereof, it is desirable and in fact at times necessary to connect the adjoining edges of the garment, especially at the shoulder seams, with the wales of the strips at right angles to the wales or stitches of the body of the garment, thereby to prevent the sagging of the garment at such seams, and I have discovered that by means of the present improvement this disadvantage just referred to is avoided and a very much improved garment obtained, while at the same time a greater freedom or elasticity to the body length of the garment is provided. In addition to the foregoing, by forming a seam with an overlapping and underlapping strip, the strips can be made of a different weight material from that forming the garment as, for instance, the strips may be made of a lighter weight or of a thinner material than that of which the garment is formed, while at the same time materially reinforcing the garment at the seam where the strips are applied, and therefore the improvement may be used with advantage at other places in a garment, as, for instance, down the legs of certain styles and materials of underwear.

I claim as my invention:

1. As a new article of manufacture, a garment having spaced edges at its seam, an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment seam, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

2. As a new article of manufacture, a garment having wales and spaced edges at its seam, and an overlapping strip and an underlapping strip also having wales and secured along their edges to the spaced edges of the garment seam and unstitched together between their stitched edges, the wales of the strips extending transversely of the wales of the garment.

3. As a new article of manufacture, a garment having spaced edges at its seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment, the strips being of a different grade of material than the material of the garment, both the garment and the strips having greater elasticity in one

direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

4. As a new article of manufacture, a knitted garment having wales and spaced edges at its seam, and an overlapping knitted strip and an underlapping knitted strip also having wales and secured along their edges to the spaced edges of the garment seam, the wales of the strips extending transversely of the wales of the garment, the strips being of a different grade of material than the material of the garment.

5. As a new article of manufacture, a knitted garment having wales and spaced edges at its seam, and an overlapping knitted strip and an underlapping knitted strip stitched along their edges to the spaced edges of the garment seam, the wales of the strips extending transversely of the wales of the garment, the strips being of a different grade of material than the material of the garment, and the stitches connecting the strips with the garment covering the raw edges of both strips.

6. As a new article of manufacture, a garment having spaced edges at its seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment seam, the strips being of a lighter weight of material than that of the garment, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

7. As a new article of manufacture, a garment having spaced edges at its shoulder seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the seam, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

8. As a new article of manufacture, a garment having spaced edges at its shoulder seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment seam, each of said strips being of a different grade of material than that of the garment, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

9. As a new article of manufacture, a garment having spaced edges at its shoulder seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment seam, each of said strips being of a lighter weight of material than that of the garment, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

10. As a new article of manufacture, a garment having wales and spaced edges at its shoulder seam, and an overlapping strip and an underlapping strip also having wales and secured along their edges to the spaced edges of the garment seam and unstitched together between their stitched edges, the wales of the strips running transversely to the wales of the garment.

11. As a new article of manufacture, a garment having wales and spaced edges at its shoulder seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment seam and also having wales, the wales of the strips running transversely to the wales of the garment and each of the strips being of a different grade of material than that of the garment.

12. As a new article of manufacture, a garment having wales and spaced edges at its shoulder seam, and an overlapping strip and an underlapping strip secured along their edges to the spaced edges of the garment seam and also having wales, the wales of the strips running lengthwise to the wales of the garment and each of the strips being of a lighter weight of material than that of the garment.

13. As a new article of manufacture, a knitted garment having wales and spaced edges at its shoulder seam, and an overlapping knitted strip and an underlapping knitted strip stitched along their edges to the spaced edges of the knitted garment seam and also having wales, the wales of the strips running transversely to the wales of the garment, each of the strips being of a different grade of material than that of the garment, and the edges of the strips being covered by the stitches uniting the strips with the garment.

14. As a new article of manufacture, a garment having spaced edges at its shoulder seam, and a strip extending lengthwise of such seam with its edges entirely beyond the spaced edges of the garment seam and stitched flat thereupon with the raw edges of the strip covered by such stitches, both the garment and the strip having greater elasticity in one direction than in the other, the strip having its greater elasticity transverse to the greater elasticity of the garment.

15. As a new article of manufacture, a garment having spaced edges at its seam, a pair of strips extending lengthwise of the garment seam, one inside and the other outside of such spaced edges with their edges extending beyond the spaced edges of the

garment seam and stitched flat thereupon with the raw edges of the strips covered by the stitches, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

16. As a new article of manufacture, a garment having spaced edges at its seam, a pair of strips extending lengthwise of the garment seam, one inside and the other outside of such spaced edges with their edges extending beyond the spaced edges of the garment seam and stitched flat thereupon with the raw edges of the strips covered by the stitches, said strips being unstitched together between their stitched edges, both the garment and the strips having greater elasticity in one direction than in another, the strips having their greater elasticity transverse to the greater elasticity of the garment.

Signed at Nyack in Rockland county, State of New York, this 26th day of January, 1917.

J. P. WEIS.