

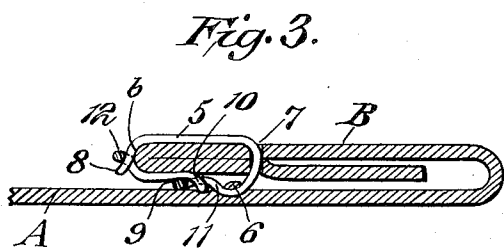
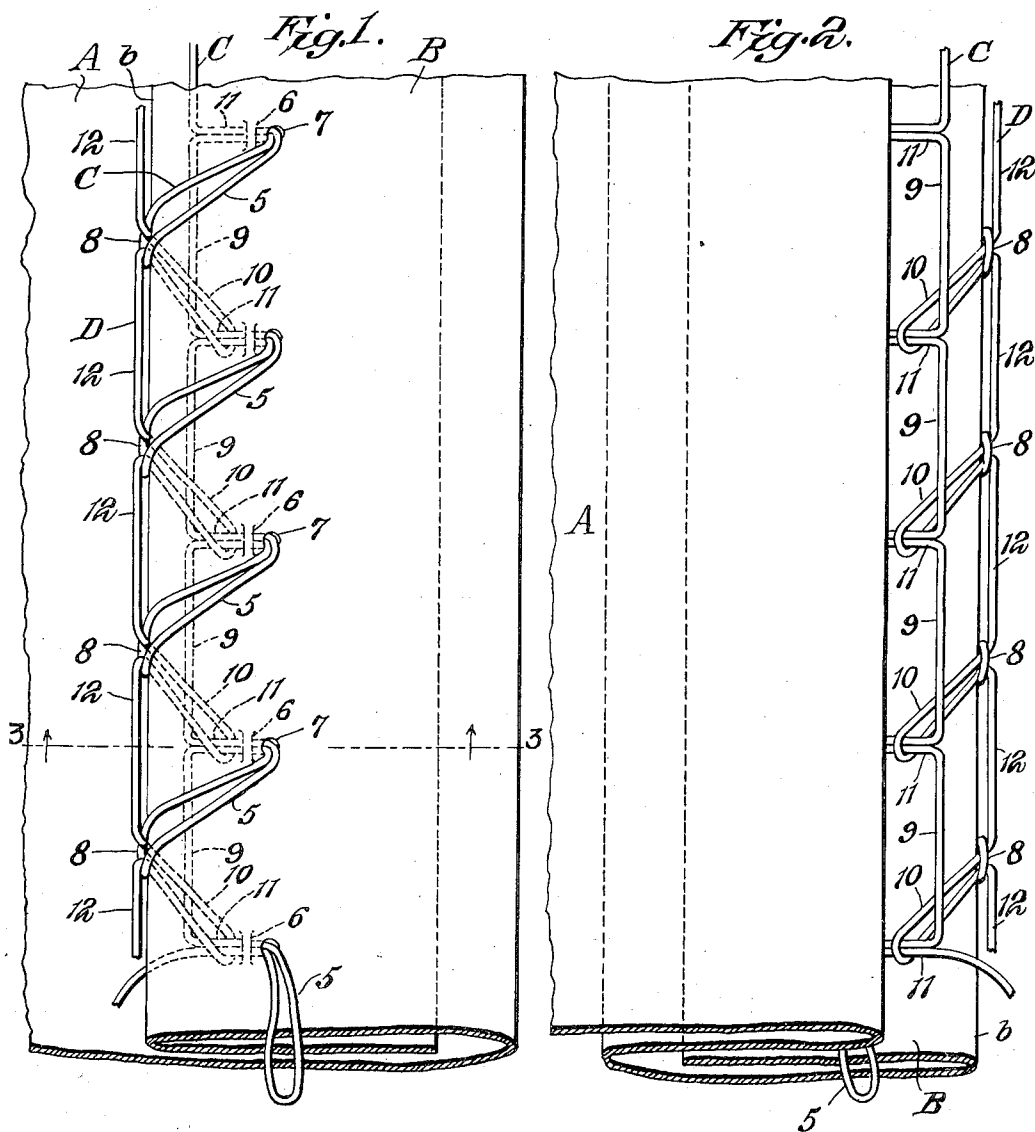
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SEAM

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This invention relates to new and useful improvements in seams generally, although more particularly to a hem which is joined to a body fabric by a line of machine made blind stitches which are laid in a manner to simulate hand made whip stitches.

The principal object of the invention is to provide a hem seam wherein the needle thread loops are positioned against the outer face of the hem and lie in planes diagonal to the general line of the hem, and wherein the needle loops are doubly locked by a looper thread to prevent the stitches from becoming accidentally unraveled.

With the above and other objects in view which will more fully appear, the nature of the invention will be more clearly understood by following the description, the appended claims, and the several views illustrated in the accompanying drawing.

In the drawing:

Figure 1 is an enlarged plan view of a hemmed seam constructed in accordance with my invention,

Figure 2 is a bottom plan view thereof, the body fabric being folded back to expose the inner edge of the hem, and

Figure 3 is a sectional view taken on the line 3—3 of Figure 1.

Like reference numerals designate corresponding parts throughout the several figures of the drawing.

Referring to the accompanying drawing, a body fabric A is provided with a hem B extending along one edge thereof and having an inner edge b. The hem B, or upper layer, is joined to the body fabric A by a line of blind stitches formed by a needle thread C and a looper thread D. The needle thread C is formed into a series of equally spaced and connected needle loops 5. These needle loops first enter and emerge from the body fabric A or base layer at points 6 which are located below the hem B, and then pass upwardly through the hem at points 7, the points 6 and 7 being located in lines extending in parallelism with the inner edge b of the hem, and the loops being laid against the outer face of the hem in parallel planes diagonal to the general line of the hem with the bights 8 of the loops overlying the inner edge of the hem and with the connecting thread portions 9 extending below the hem and in a line parallel with the inner edge thereof.

The looper thread D is formed into a series of connected loops 10 which pass through the needle loops 5 between the bights 8 thereof and the

inner edge b of the hem, and thence under the hem where they are concatenated with the necks 11 of the next formed needle loops between the anchoring points 6 and the inner edge of the hem, the connecting portions 12 of the looper thread thus lying along the inner edge of the hem.

It will, therefore, be seen that each looper loop 10 passes through a needle loop 5 and around the neck of the next formed needle loop, or in other words each needle loop 5 is doubly locked by two looper loops 10, one passing around the needle loop and the other passing through the same.

Thus, I have produced a hem which is seamed by a line of 2-thread blind stitches wherein the bights of the needle loops are disposed in planes diagonal to the general line of the hem to thereby simulate the ordinary hand made whip stitches, and wherein the needle loops are doubly locked by the looper thread to prevent the stitches from becoming accidentally unraveled.

It is of course to be understood that the details of structure and arrangements of parts may be variously changed and modified without departing from the spirit and scope of my invention.

I claim:

1. A seam for sewed articles, comprising a body fabric having a hem fold along one edge thereof, and a line of overedge blind stitches joining the hem and the body fabric comprising a connected series of equally spaced needle thread loops entering and emerging from the upper face of the body fabric and thence passing upwardly through the hem, the bights of the needle loops lying against the outer face of the hem and in planes diagonal to the general line of the hem and overlying the inner edge of the hem, and a series of looper thread loops concatenated with the bights and necks of the needle thread loops.

2. A seam for sewed articles, comprising a body fabric having a hem fold along one edge thereof, and a line of overedge blind stitches joining the hem and the body fabric comprising a connected series of equally spaced needle thread loops entering and emerging from the upper face of the body fabric and thence passing upwardly through the hem, the bights of the needle loops lying against the outer face of the hem and in planes diagonal to the general line of the hem and overlying the inner edge of the hem, and a connected series of equally spaced looper thread loops extending through the needle loops between the bights thereof and the inner edge of the hem and thence under the hem and concatenated with the

necks of the next adjacent needle loops at points below the hem, the connecting portions of the looper loops extending in a line along the inner edge of the hem.

- 5 3. A seam for sewed articles, comprising a body fabric having a hem fold along one edge thereof, and a line of overedge blind stitches joining the hem and the body fabric comprising a connected series of equally spaced needle thread loops enter-
10 ing and emerging from the upper face of the body fabric below the hem and thence passing upwardly through the hem, the bights of the needle loops lying against the outer face of the hem and in planes diagonal to the general line of

the hem and overlying the inner edge of the hem, and a connected series of equally spaced looper thread loops extending through the needle loops between the bights thereof and the inner edge of the hem and thence under the hem and con-
5 catenated with the necks of the next adjacent needle loops at points below the hem, the connecting portions of the needle loops extending in a line located under the hem and in spaced parallel relation to the inner edge thereof, and the
10 connecting portions of the looper loops extending in a line along the inner edge of the hem.

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