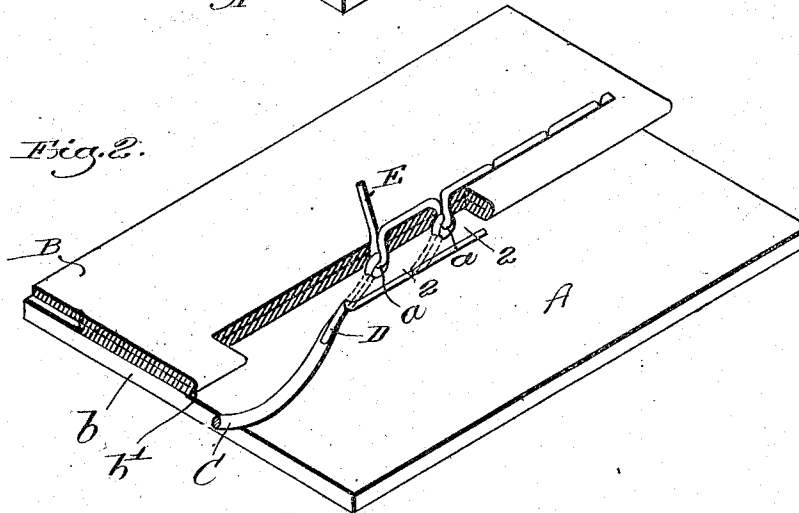
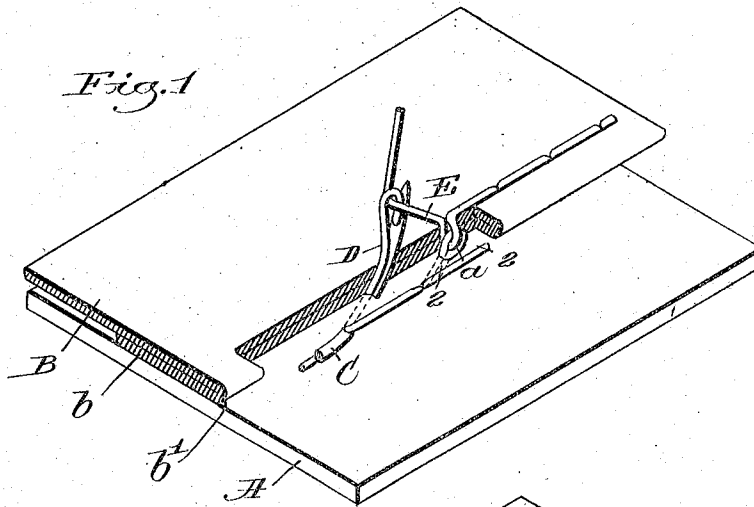


W. ARBETTER.
SEAM OR HEM.
APPLICATION FILED JAN. 21, 1907.

937,272.

Patented Oct. 19, 1909.



Witnesses:
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UNITED STATES PATENT OFFICE.

WOLF ARBETTER, OF CHELSEA, MASSACHUSETTS, ASSIGNOR TO ARBETTER FELLING MACHINE COMPANY, OF BOSTON, MASSACHUSETTS, A CORPORATION OF MAINE.

SEAM OR HEM.

937,272.

Specification of Letters Patent.

Patented Oct. 19, 1909.

Application filed January 21, 1907. Serial No. 353,183.

To all whom it may concern:

Be it known that I, WOLF ARBETTER, a citizen of the United States, residing in Chelsea, county of Suffolk, and State of Massachusetts, have invented an Improvement in Seams or Hems, of which the following description, in connection with the accompanying drawing, is a specification, like characters on the drawing representing like parts.

This invention consists in a novel seam or hem for sewed articles in which a main layer of textile or similar material is united to a superimposed layer of material by a row of stitches made from two threads concatenated together, but one of said threads being exposed near the edge of the superimposed layer.

Figure 1 in perspective shows a main layer with a portion of a superimposed layer thereon united thereto by some stitches, said figure also showing the needle and threads in the process of forming the stitch; and Fig. 2 is a similar view with the needle retracted from both materials.

Referring to the drawings, A represents a piece of main material which may be a part of a coat, and B a piece of superimposed material which may be the lining of a coat, one edge *b* of said material being intumed to leave what is called a folded edge *b'*. The needle C to be employed in making the seam to be herein described will preferably be of the curved variety provided with an eye at its point, and the loop of needle thread will receive through it a locking thread carried by a loop-taker, all substantially as provided for in United States Patent No. 830,699, granted to me and dated September 11, 1906. To make the seam referred to, the point of the needle C will be thrust into the upper side of the main layer and will emerge from the upper side thereof underneath the edge of the superimposed layer and will continue in its movement entering said superimposed layer at its under side and passing therefrom at its upper side where the loop formed in the needle thread D, see Fig. 1, will receive through it the looper thread E supposed to be carried by a loop-taker such as illustrated in said patent.

The needle, after reaching the position Fig. 1, is withdrawn from the material and in so doing draws the locking thread from

the upper side of into the superimposed layer, the needle thread used to lock each bight of locking thread being drawn outwardly through the main layer from the hole made by the needle when penetrating the upper side of said main layer.

Fig. 2 shows the needle retracted. After the needle has been retracted or drawn backwardly from the main layer, the material will be fed leaving bights *a* of the locking thread locked by portions 2 of the needle thread, the needle thread being concealed by the edge of the superimposed layer through which the line of stitching is extended, as represented in the drawings.

The hem herein shown has been devised as a substitute for hand felling, the stitch being observable only on the superimposed layer, the needle thread of the stitch being wholly concealed from view from the upper or right side of the article, a portion of said needle thread being buried in the main material.

It will be understood in the drawings forming part of this application that the stitch that is exposed only on the outer side of the superimposed layer may be made as close as desired to the folded part *b'* of the edge of the superimposed layer, the drawings showing the material and the stitch enlarged.

Having described my invention, what I claim as new and desire to secure by Letters Patent is:—

1. The herein described seam, comprising a main layer of material, a superimposed layer presenting an edge thereon, and two threads, one thread lying along the upper surface of said superimposed layer near and parallel to said edge, and presenting at intervals loops extending down into said layer, the other thread lying along the upper surface of said main layer beneath said edge and presenting at intervals loops entering and emerging from the upper surface of the main layer and interlocked with the corresponding loops of the first thread.

2. The herein described seam, comprising a main layer of material, a superimposed layer presenting an edge thereon, and two threads, one thread lying along the upper surface of said superimposed layer near and parallel to said edge, and presenting at intervals loops extending down into said

layer, the other thread lying along the upper
surface of said main layer beneath said edge
and presenting at intervals loops inclined
to said edge and entering and emerging from
5 the upper surface of the main layer and in-
terlocked with the corresponding loops of
the first thread.

In testimony whereof, I have signed my
name to this specification, in the presence of
two subscribing witnesses.

WOLF ARBETTER.

Witnesses:

GEO. W. GREGORY,
EVANGELINE C. BROWN.