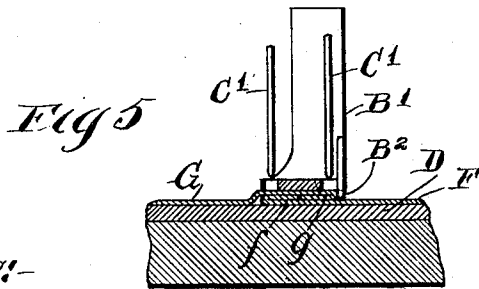
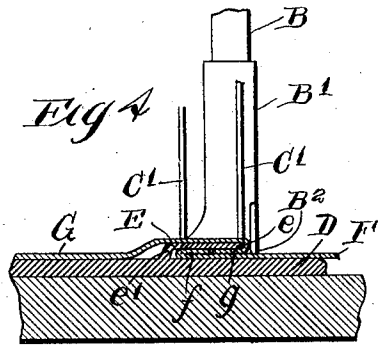
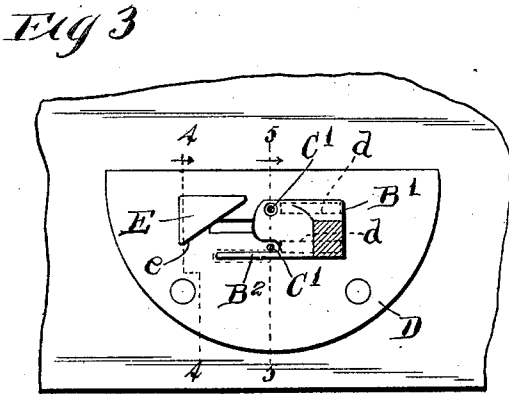
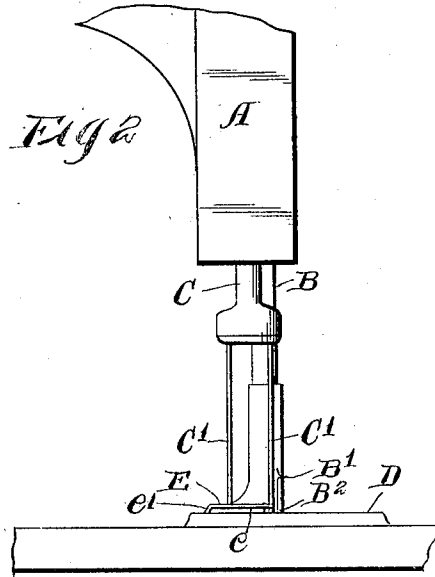
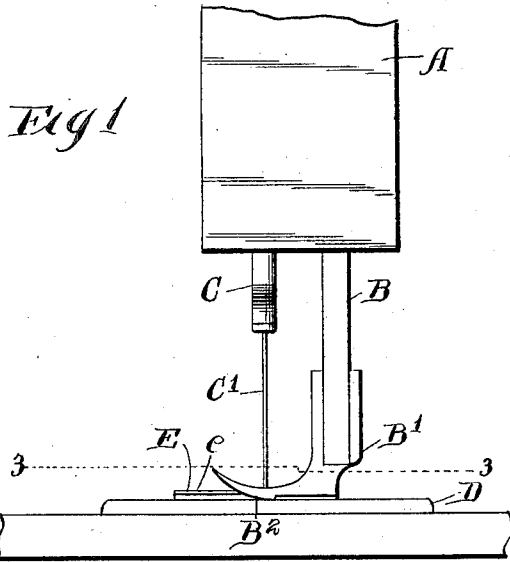


S. E. BURRIES.  
CLOTH GUIDE FOR SEWING MACHINES.

(Application filed Feb. 8, 1901.)

(No Model.)



Witnesses:-

Carl S. Crawford  
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# UNITED STATES PATENT OFFICE.

SARAH E. BURRIES, OF AURORA, ILLINOIS.

## CLOTH-GUIDE FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 701,013, dated May 27, 1902.

Application filed February 8, 1901. Serial No. 46,496. (No model.)

To all whom it may concern:

Be it known that I, SARAH E. BURRIES, of Aurora, in the county of Kane and State of Illinois, have invented certain new and useful Improvements in Cloth-Guides for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which form a part of this specification.

This invention relates to a novel attachment for sewing-machines, and is designed to facilitate the operation of sewing together the margins of two pieces of fabric or like flexible material which extend in opposite directions from their points of attachment and which are joined in overlapping relation by two parallel rows of stitches.

The invention is especially applicable for sewing together the several pieces which go to make up the body of a corset, but may be used wherever it is desired to join two oppositely-extending pieces of fabric in overlapping relation in the manner described.

The invention consists in the matters hereinafter set forth, and more particularly pointed out in the appended claims.

In the drawings, Figure 1 is a side elevation of my novel attachment in place on a sewing-machine, together with such parts of the machine as is necessary to illustrate its application thereto. Fig. 2 is a front elevation of the parts shown in Fig. 1. Fig. 3 is a plan section on line 3 3 of Fig. 1. Fig. 4 is a fragmentary transverse section on line 4 4 of Fig. 3, showing two pieces of material in position therein to be guided to the needles. Fig. 5 is a like transverse section on line 5 5 of Fig. 3.

As shown in said drawings, A designates the lower end of the overhanging arm of the machine, in which are mounted in the usual manner the presser-foot bar B and reciprocating needle-bar C, which latter carries at its lower end two laterally-separated needles C' C'.

B' designates a presser-foot which is connected with the lower end of the presser-foot bar B, and D designates a cloth-plate which is fitted over an opening in the top plate of the machine in the usual manner above the shuttle and shuttle-carrying devices, said

plate being provided with the usual needle-apertures and with slots *d d*, through which extend the usual feed-dogs. (Not shown.) 55

The presser-foot B' is provided at the forward end of its outer side outside of the plane of the outermost needle with a flange B<sup>2</sup>, which projects slightly below the plane of the lower surface of said foot and forms a guide-shoulder which faces inwardly and constitutes a guide for the margin of a piece of fabric passing under the presser-foot and extending inwardly from the needles. The forward end of said flange is curved upwardly to permit the fabric to pass freely thereunder. Located inside of said guide-flange B<sup>2</sup> in front of the presser-foot and rising upwardly from the cloth-plate D is a guide-flange E. Said guide-flange is attached at its inner margin in any suitable manner to the cloth-plate, and the free outer side *e* thereof is disposed horizontally and located above and generally parallel with the upper surface of the cloth-plate, thereby forming between the same and the cloth-plate a guide-notch or groove which opens both forwardly and rearwardly and toward the guide-flange B<sup>2</sup>. The extreme free margin of said guide-flange E terminates short of the guide-flange B<sup>2</sup> on the presser-foot to permit the fabric to pass between said parts. The rear end of the horizontal portion *e* of the guide-flange may be obliquely cut away, as shown in Fig. 3. The face of the rising part *e'* of said guide-flange E proximate to the guide-flange B<sup>2</sup> is located inside of the plane of the inner needle C' and constitutes a guide-surface for the margin of that one of the pieces of material to be sewed which extends outwardly from the needles, and the proximate or inner face of the guide-flange B<sup>2</sup> constitutes a guide-surface for the margin of the other piece of material. 60 65 70 75 80 85 90

The operation of sewing together two pieces of material by the use of the device described is as follows: Before the pieces of material, which are designated as F and G, are inserted into the attachment preparatory to sewing the same together they are preferably folded along their edges to provide folds *f* and *g*, so that the exposed margins of the pieces after they have been stitched together are folded margins. The folded margin of the piece F is inserted into the notch or groove formed 95 100

between the horizontal part *e* of the guide-flange E and the cloth-plate D with said margin bearing against the guide-surface formed on the rising part *e'* of said guide-flange and  
 5 with the turned-over part of the margin uppermost. The piece of fabric G is laid upon the horizontal part of said guide-flange with its folded margin bearing against the inner face of the guide-flange B<sup>2</sup> of the presser-foot  
 10 and with the inturned part of said margin lying between the horizontal part of said guide-flange E and the body of the fabric F. The parts of the guides are so disposed with respect to the needles C' that said needles pass  
 15 through the folded parts of the two pieces of fabric close to the folded margins thereof, it being desirable that the lines of stitches be located as close to said margins as practicable. When the folded margins of the two  
 20 pieces to be sewed together are inserted into the attachment in the manner stated, the operator is only required to lightly press the pieces against their guide-surfaces—to wit, the guide-shoulder formed on the flange B<sup>2</sup>  
 25 and the rising part *e'* of the guide-flange E—and said parts are held in their proper relative positions without requiring any special skill on the part of the operator to properly guide the same and maintain them accurately  
 30 in their proper overlapped relation as they are fed to the needles.

I claim as my invention—

1. An attachment for sewing-machines constructed to sew together the overlapping margins of two pieces of fabric or the like, comprising a presser-foot having one margin plain and provided at its other margin and adjacent to the needle-aperture of said foot with an integral inwardly-facing guide-shoulder, extending below the plane of the bottom face  
 35 of the presser-foot and adapted to engage the folded margin of one of the pieces of fabric,

and a guide-flange on the cloth-plate located in front of the presser-foot and at one side of the line of the needle, said flange having a  
 45 guide-surface opposing the guide-surface of the presser-foot and adapted to engage the folded margin of the other piece of fabric, and the flange being provided with a horizontal part which extends laterally toward the guide-  
 50 shoulder on the presser-foot and is located over and substantially parallel with the cloth-plate.

2. An attachment for sewing-machines constructed to sew together the overlapping margins of two pieces of fabric or the like, comprising a presser-foot having one margin plain and provided at its other margin with an integral, inwardly-facing guide-shoulder extending below the plane of the bottom face of  
 55 the presser-foot and adapted to engage the folded margin of one of the pieces of fabric, and a guide-flange integral with and projecting above the cloth-plate and located in front of the presser-foot, said flange having an inwardly-facing guide-surface opposing the  
 60 guide-shoulder of the presser-foot and adapted to engage the folded margin of the other piece of fabric and the flange being also provided with an integral horizontal part which  
 65 extends laterally toward the guide-surface on the presser-foot and is located over and substantially parallel with the cloth-plate, the rear margin of said horizontal part of the flange being inclined and obliquely facing the  
 70 guide-shoulder on the presser-foot.

In testimony that I claim the foregoing as my invention I affix my signature, in presence of two witnesses, this 26th day of January, A. D. 1901.

SARAH E. BURRIES.

Witnesses:

C. CLARENCE POOLE,  
 GERTRUDE BRYCE.