

(Model.)

T. WESGATE.

BINDING ATTACHMENT FOR SEWING MACHINES.

No. 301,543.

Patented July 8, 1884.

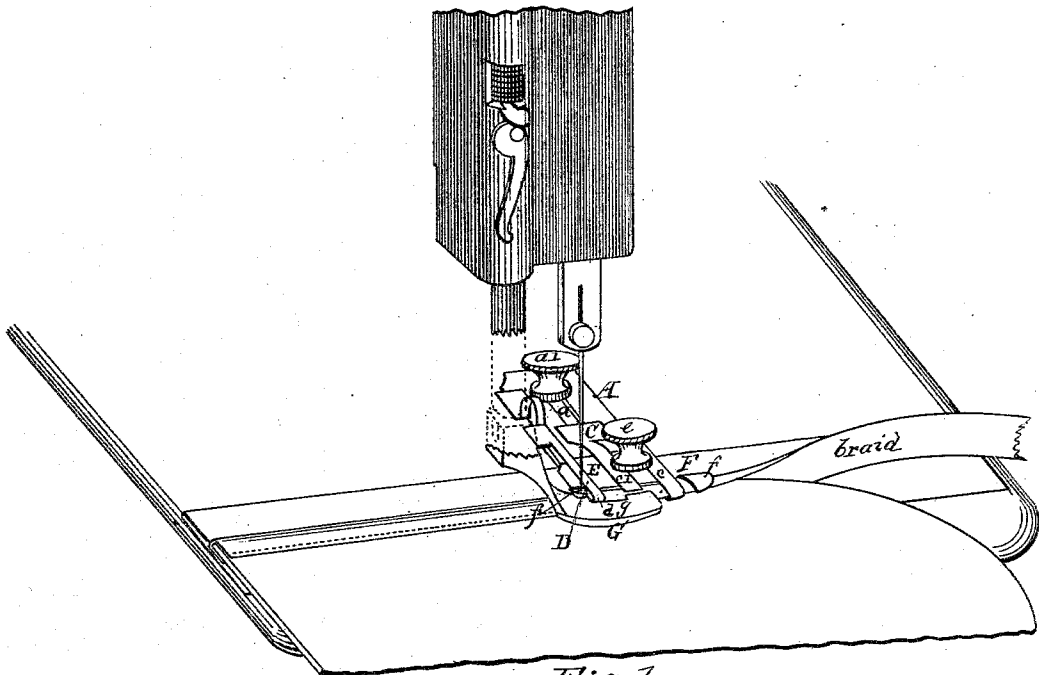


Fig. 1

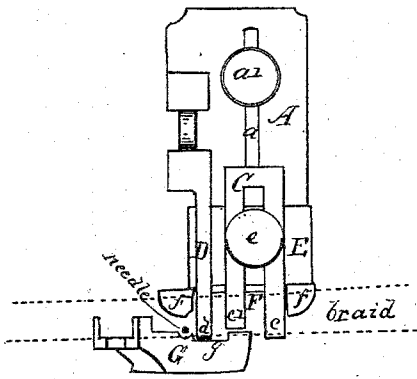


Fig. 2.

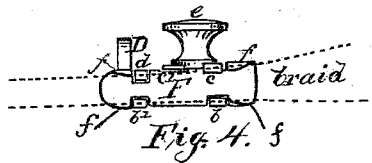


Fig. 3

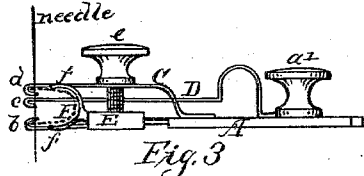


Fig. 4.

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UNITED STATES PATENT OFFICE.

THOMAS WESGATE, OF CLEVELAND, OHIO.

BINDING ATTACHMENT FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 301,543, dated July 8, 1884.

Application filed July 23, 1883. (Model.)

To all whom it may concern:

Be it known that I, THOMAS WESGATE, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful Improvements in Binding Attachments for Sewing-Machines, of which the following is a specification.

This invention has relation to improvements in binding attachments for sewing-machines.

The object of the invention is to provide a simple device which can be attached to the bed-plate of a sewing-machine to be operated in conjunction with the needle, the presser-foot, and the feed, whereby braid or binding may be sewed onto the edge of garments, both sides at one and the same time, one row of stitches uniting the braid to the fabric alike on both sides, without previously basting or otherwise preparing the work; and it consists in the construction and arrangement of parts, as will be hereinafter described, and particularly pointed out in the claim.

In the accompanying drawings, Figure 1 is a perspective view showing my device in place on a sewing-machine. Fig. 2 is a top or plan view of the device. Fig. 3 is a side view of the same, and Fig. 4 is a front end view thereof.

The letter A designates a plate having a slot, *a*, for adjustably securing it to the bed-plate of a sewing-machine by means of a thumb-screw, *a'*. This plate A is provided with two forwardly-projecting arms, *b b'*, the ends of which are bent upward and over to form hooks to guide the lower edge of the braid or binding material.

The letter C indicates a slotted plate secured to the plate A at its rear portion, and it is also provided with forward-projecting arms *c c'*, the former of which has a downwardly-bent hooked end, while the latter is straight and somewhat shorter, to prevent its interfering with the presser-foot.

The letter D represents a spring-arm attached to said plate A, the forward end of which has a downwardly-bent end, *d*, corresponding to that of arm *c*, both of which serve

as guides for the upper edge of the braid or binding material. Secured to the front portion of the block E, and adjustable between the arms *b b'*, *c c'*, and *d*, is a guide-piece, F, having curved lips *f* for the passage of the braid.

G denotes the presser-foot in connection with which my device works. I cut away the side of the foot to allow the aforesaid hooked guides to reach into said foot sufficiently far to bring the edge of the braid or binding past the line of the needle movements, so as to enable the needle to pass through the binding near its edge.

The operation of my device is as follows: The device being adjusted in position, as shown in Fig. 1, the braid is inserted with its edges held by the hooks on the upper arms, *c* and *d*, and lower arms, *b* and *b'*, (seen in dotted lines in Figs. 2, 3, and 4.) The fabric to which it is to be sewed is placed with its edge between the two edges of the braid and in between the said arms. The presser-foot is then let down and covers and presses the folded braid upon the fabric. It will here be noticed that the edge of the braid is held and carried along just far enough under the foot for the needle to catch onto the braid and run the line of stitches through the braid and fabric. The feed mechanism of the machine carries the work along smoothly, and the braid is guided evenly, so that the operation of sewing on the braid is as easily performed as a common seam.

What I claim is—

The improved binding attachment for sewing-machines, consisting of the plate A, provided with the hooked arms *b b'*, the plate C, having arms *c c'*, the former provided with a hooked end, the spring-arm D, having hook *d*, the adjustable block E, carrying the guide-piece F, having lips *f f*, and the set-screw *e*, in combination with the notched presser-foot G, as shown and described.

THOMAS WESGATE.

Witnesses:

E. W. LAIRD,
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