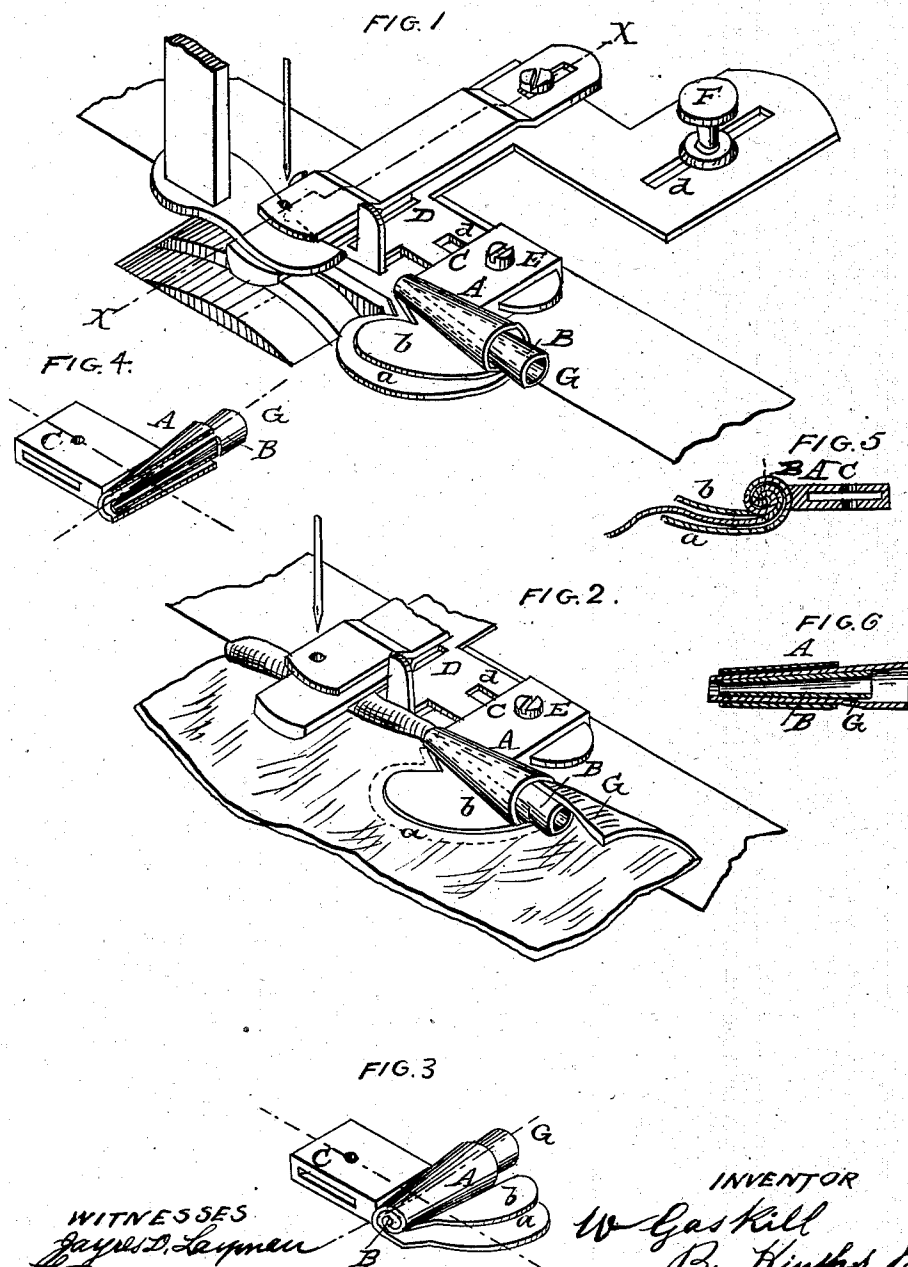


W. GASKILL.
Hemming Guide.

No. 47,629.

Patented May 9, 1865.



WITNESSES
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WM. GASKILL, OF CINCINNATI, OHIO.

IMPROVEMENT IN HEMMING-GUIDES.

Specification forming part of Letters Patent No. 47,629, dated May 9, 1865.

To all whom it may concern:

Be it known that I, WILLIAM GASKILL, of Cincinnati, Hamilton county, Ohio, have invented a new and useful Hemming-Guide for Sewing-Machines; and I do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, making part of this specification.

My invention relates to a peculiar form of scroll, consisting of two elastic interconvoluted plates axially connected, so as to form a single piece, and having a pair of yielding wings for imparting to the edge of the cloth the double folds required for hemming.

Figure 1 is a perspective view of a hemming-guide and its accessories. Fig. 2 represents the guide with the stuff in position. Fig. 3 is a detached view of the guide from the delivery end thereof. Fig. 4 represents the same with a portion of the outer scroll removed. Fig. 5 is a transverse section of the scroll with the cloth inserted. Fig. 6 is an axial section of the same.

My scroll consists of a double volute or pair of interconvoluted plates, A and B, united permanently together near the interior of the scroll, as shown in Fig. 5, so as to form a single piece, converging toward their delivery end in the manner shown and extending on the receiving side of the scroll, so as to form two curved and yielding wings, *a* and *b*.

The scroll A *a* B *b* may be connected to the cloth-plate of a sewing-machine by means of flanges C and D and screws E and F. The wings *a* and *b* co-operate to spread the cloth and to prevent it passing into the scroll in a crowded or puckered condition. The convo-

lutions of the scroll operate to impart to the edge of the fabric a double fold or tuck—that is to say, so that the edge of the goods is directed toward the outer edge of the hem, as shown in Fig. 5, thus differing from felling-scrolls, which consist of detached plates, and act on two interlocking edges, each of which is only folded once, so as to direct the rough edge toward the inner or stitched margin of the hem. Slots *d* in the flange D enable the scroll to be adjusted properly with respect to the needle and the kind of goods to be operated upon.

For some classes of goods the receiving end of the central convolution may be prolonged, as at G, in order to insure a proper curl or roll of the goods in the act of entering the scroll.

I am aware that felling-scrolls have been proposed, consisting of two separate plates intended to single-tuck and interlock the edges of two distinct pieces of cloth, and I therefore make no claim to such; but

I claim herein as new and of my invention—

1. The hemming guide or scroll, composed of the attached interconvoluted and winged plates A *a* and B *b*, for imparting a double tuck or fold to the edge of the stuff, substantially as set forth.

2. The plates A *a* and B *b* and the central prolongation, G, formed, combined, and operating as set forth.

In testimony of which invention I hereunto set my hand.

WILLIAM GASKILL.

Witnesses:

GEO. H. KNIGHT,
JAMES H. LAYMAN.