

J. RAMSAY.
Guide for Sewing Machines.

No. 44,339.

Patented Sept. 20, 1864.

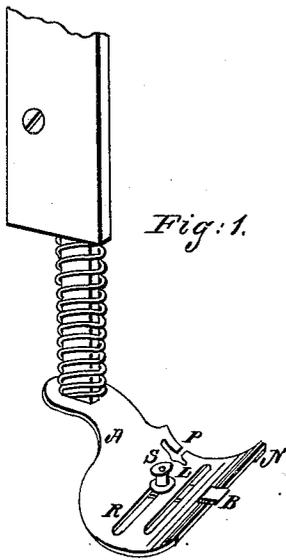


Fig: 1.

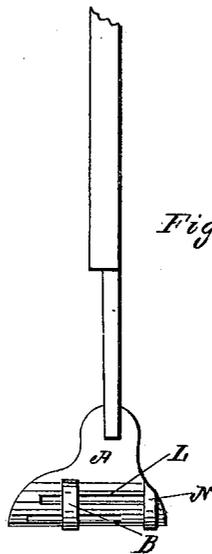


Fig: 2.

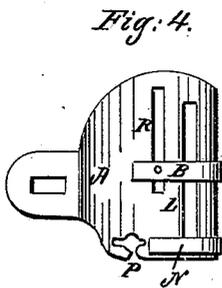


Fig: 4.

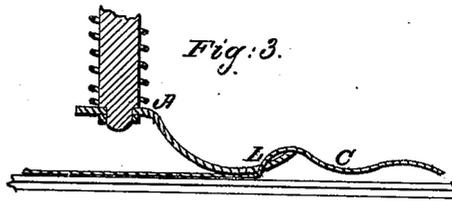


Fig: 3.

Witnesses:

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IMPROVEMENT IN BRAIDING-GUIDES FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 44,339, dated September 20, 1864.

To all whom it may concern:

Be it known that I, JOHN RAMSAY, of Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented a new and useful Improvement in Braiding-Guides for Sewing-Machines; and I hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, forming part of this specification, and to the letters of reference marked thereon.

The nature of my invention consists in constructing the presser of a sewing-machine so that it not only answers the purpose of holding the cloth to the tablet in ordinary sewing, but may be used as a guide for putting on braid of different widths in such a manner as that the braid, if required to be sewed on both edges, can be taken out of the guide and reversed or turned end for end to suit the position of the needle operating thereon.

To enable others to understand and make my improvement, I will proceed to describe its construction and operation by reference to the accompanying drawings, in which—

Figure 1 represents a perspective view of my improved braiding-guide. Fig. 2 is a front elevation of the same. Fig. 3 is a longitudinal vertical section, showing the manner in which the braid is inserted. Fig. 4 represents a bottom view of the braiding-guide.

All the drawings are lettered, and similar letters denote corresponding parts in the several views.

I construct my invention by forming a presser, A, of any material that will answer the purpose, and similar in shape to those already in use on the various sewing-machines; but in order to accomplish the object for which it is intended it is made considerably wider, and, in addition to the small hole P for the passage of the needle, I have made a couple of long narrow slots through the presser, running in a direction transverse to the line of the feed. These slots are of unequal length, the slot L, near the front edge of the presser A, extending a little beyond the line of the hole P,

through which the needle works, while the other slot, R, is not much more than half as long. On the bottom of the presser A are two thin metallic shoes, one of these shoes, N, being permanently attached to the presser on the needle side, the other shoe, B, being made adjustable by means of a small pinch-screw, S, Fig. 1, working in and through the short slot R, which enables the operator to vary the distance between the shoes to suit the width of braid desired.

The operation of my invention is as follows: The presser A being attached to a sewing-machine as in other cases, the braid C, Fig. 3, is passed over the top and outside edge of the presser A and through the slot L between the shoes B and N, the end of the braid being advanced far enough by the operator to enable the needle to pass through it. The adjustable shoe B is then moved up so as to touch the braid, and held in that position by tightening the pinch-screw S, Fig. 1.

This mode of constructing a braiding-guide not only enables the operator to sew on braids of different widths and thicknesses by simply changing the position of the shoe B, but after one edge has been sewed down and the fabric is taken out of the machine and reversed end for end the other edge can be guided and sewed with equal facility without changing the guide.

Having thus described my invention, what I claim is—

Forming a braiding-guide for a sewing-machine by constructing the presser A with two or more slots transverse to the line of feed, and with the guiding-shoes, one of which is adjustable by means of the pinch-screw S, so that it can be arranged to suit braids of different widths or used for ordinary sewing without further change or alteration, substantially in the manner as hereinbefore stated.

JOHN RAMSAY.

Witnesses:

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