

H. L. SWEET.
Sewing Machine Guide.

No. 10,344.

Patented Dec. 20, 1853.

Fig. 1.

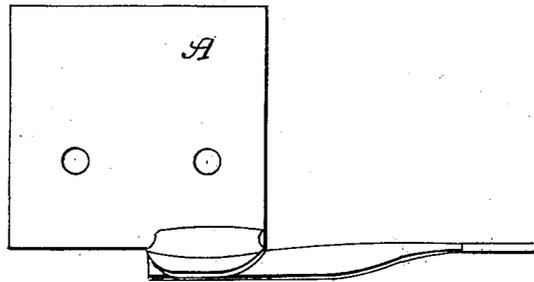


Fig. 2.

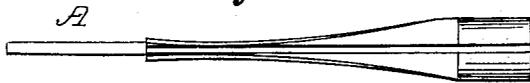


Fig. 3.



Fig. 4.



Fig. 5.



UNITED STATES PATENT OFFICE.

HENRY L. SWEET, OF FOXBOROUGH, MASSACHUSETTS.

IMPROVEMENT IN GUIDES FOR SEWING ON BINDING.

Specification forming part of Letters Patent No. 10,314, dated December 20, 1853.

To all whom it may concern:

Be it known that I, HENRY LEONARD SWEET, of Foxborough, in the county of Norfolk and State of Massachusetts, have invented a new and useful contrivance to be used on a sewing-machine, and for applying binding to hats, cloth, or various articles in order to facilitate the process of sewing the same thereon; and I do hereby declare that the same is fully described and represented in the following specification and the accompanying drawings, figures, letters, and references thereof.

My invention, which I term a "doubling-guide," is shown in top view in Figure 1 and in front view in Fig. 2. Fig. 3 is a view of its receiving end, and Fig. 4 a view of its delivering end. Fig. 5 is a perspective view of the instrument as it appears with a strip of binding run through it.

It is made by taking a metallic plate of about three inches or more in length and of a width greater than the width of the strip of binding to be run through it, and bending over the two edges of such plate toward each other and down toward one side of the plate, but not so as to touch the same, the distance between the two bends being equal to or a very little greater than the width of the binding, and the whole being so that the binding in a flat state may be freely passed under the parts so bent down. In the next place the plate is to be bent along its middle, so as not only to

take the form at one end, as seen in Fig. 4, but to remain unbent, or very slightly bent, at the other end, as seen in Fig. 3. The latter figure denotes the end at which the tape or binding is received, Fig. 4 being a view of that end at which it is delivered in a bent state sufficient for application to the edge of the material on which it is to be sewed.

In the use of the lapping or bending guide it may be fixed to a plate, A, which in its turn may be fastened down upon the bed-plate or table of a sewing-machine, and in a proper situation to apply the binding to the cloth or article to be bound, and sewed as fast as may be required by the needle or needles of the machine, such needle or needles being passed through the binding and article.

What I claim is—

The doubling-guide, as not only made with a flat mouth or one capable of receiving the ribbon, tape, or binding in a flattened state, but with a bent channel or sides, such as shall gradually bend or double it, and discharge it at the other end in a doubled state, ready to be applied to any article conveniently placed to receive it, and leave it sewed thereon, as stated.

In testimony whereof I have hereto set my signature this 9th day of May, A. D. 1853.

HENRY L. SWEET.

Witnesses:

WARREN BIRD,
ETHERIDGE CLARK.