S. F. BROWN.

MARKER FOR SEWING MACHINES.

No. 67,407. Patented Aug. 6, 1867.

Fig. 1.

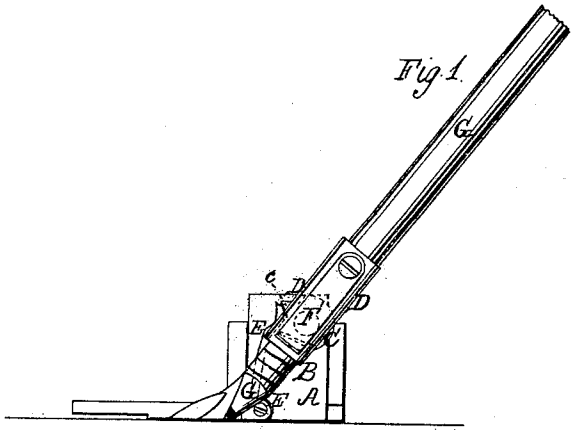
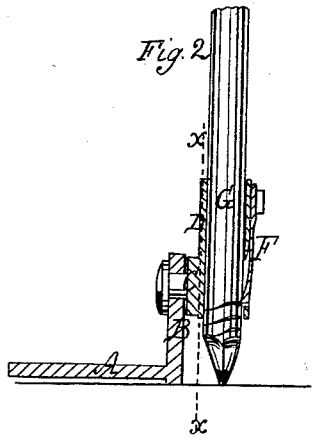


Fig. 2.

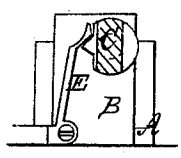


Witnesses

W. Freurn

F. Blockley

Fig. 3



Inventor

S. F. Brown

Per Munn & Co

Attorneys

United States Patent Office.

SARAH F. BROWNE, OF SAVANNAH, GEORGIA, ASSIGNOR TO CHARLES W. BRUNNER, OF SAME PLACE.

Letters Patent No. 67,407, *dated August* 6, 1867.

IMPROVEMENT IN MARKER FOR SEWING MACHINES.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, Miss SARAH F. BROWNE, of Savannah, Chatham county, Georgia, have invented a new and improved Marker for Sewing Machines; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 represents a side view of my improved marker.

Figure 2 is a sectional view through the pencil-holder.

Figure 3 is a vertical sectional view, taken on the line *x x*, fig. 2.

Similar letters of reference indicate corresponding parts.

This invention relates to a new deviee for automatically marking the width of tucks before sewing them, and consists in the use of a tubular pencil-holder, which is pivoted to a sliding-rod or bar, and which is provided with a spring by which the pencil is held in any one desired position in the tube. By the adjustable plate the width of the tuck is regulated, while the oblique or other position of the pencil is regulated by a spring which holds the pivot-pin that connects the tube with the sliding-plate in any desired position.

A represents a plate, which is slotted or otherwise made adjustable on any stationary part of a sewing machine. At one end it is provided with a projecting ear or lug, B, to which, by means of a pin, C, a tubular pencil-holder, D, is pivoted. Between the latter and the bar B the pin C is either wholly or partly toothed, and the end of a spring, E, fits between two of the teeth, and thus holds the pin C and the tube D in any desired position, the latter being so connected with the said pin that it will have to turn with the same, all as shown in fig. 3. F is a spring, which is arranged in the side of the tube D, and the free end of which fits through a hole in the said tube, and is provided with a sharp edge, which is, by the power of the spring, forced into the lead-pencil G, that is held in the said tube. Thus the pencil cannot be moved up and down, except by turning, when the end of the spring F will work a screw-thread into the pencil, and the latter can thus be adjusted in the tube with great accuracy. By the use of the spring F pencils of various diameters can be held in the tube D. The plate A can be fixed to a horizontal or vertical part of the sewing machine, and is adjustable for the purpose of moving the pencil nearer to or farther from the needle, so that narrower or wider tucks can be marked. By the toothed pin C and spring E the pencil is held in any desired inclination, and can, if desired, be turned altogether out of the way. By the spring F the pencil can be so accurately adjusted that its point will just fit upon the fabric without pressing upon the same. The roughening of the fabric is thereby avoided.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The adjustable bar A, in combination with the pin C and tube D, all made and operating substantially as and for the purpose herein shown and described.

2. The toothed pin C and spring E, when arranged as described, for the purpose of holding the tubular pencil-holder D on the adjustable plate A in any desired angle of inclination, as set forth.

3. The spring F, when arranged on the side of the perforated tube D, and when provided with a pointed or sharpened end, as set forth, for the purpose of holding the pencil in the tube, and for fitting the same tube to larger and smaller pencils, as set forth.

4. The plate A, pin C, and spring E, in combination with the tube D and spring F, all made and operating substantially as and for the purpose herein shown and described.

The above specification of my invention signed by me this fourth day of May, 1867.

SARAH F. BROWNE.

Witnesses:

RALPH B. SANDIFORD,

ELBRIDGE G. CABANISS, Jr.