

JAMES D. MOORE.

Improvement in Ruffling Attachment for Sewing Machines.

No. 125,608.

Patented April 9, 1872.

Fig. 1

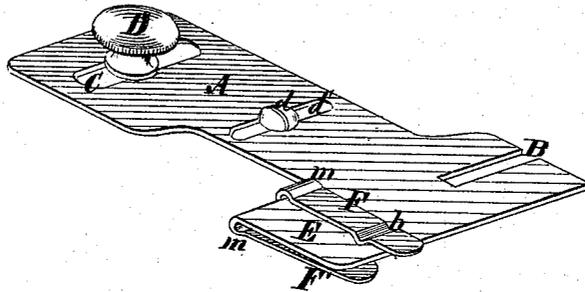
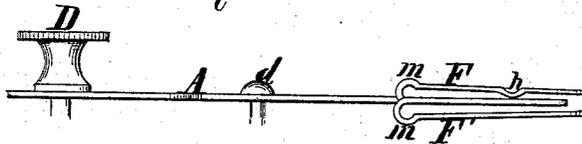


Fig. 2



Witnesses.

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN RUFFLING ATTACHMENTS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 125,608, dated April 9, 1872.

To all whom it may concern:

Be it known that I, JAMES D. MOORE, of Grinnell, in the county of Poweshiek and State of Iowa, have invented a new and valuable Improvement in Ruffler for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawing making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a perspective view of my invention. Fig. 2 is a side elevation of the same.

My invention has relation to ruffling attachments for sewing-machines; and consists in the construction and novel arrangement of an adjustable device, by means of which the ruffle is formed and sewed to a piece of cloth at the same time, as hereinafter described.

Referring to the drawing, A represents a plate constituting the body of my improved ruffler. At B is a slot running in the direction of the feed. C is a slot, cut parallel to the slot B and designed for the purpose of allowing the ruffler to be adjusted to regulate the fullness of the ruffling. D represents a thumb-screw, passing through the slot C and securing the ruffler to the cloth-plate of the sewing-machine. To hold the ruffler rigid a screw, *d*, is inserted through an aperture or slot, *d'*, into the cloth-plate. The side of the plate A opposite the slot B extends out, as shown at E, and is provided with tongues F F', cut in the plate side by side and then bent back in opposite directions, the tongue F passing under and the tongue F' over the extension E. The needle passes

through the slot B. The material to be ruffled and that to which it is to be attached are respectively fed to the needle between the upper and lower tongues and the plate A. By means of said tongues the work is properly guided. The upper tongue F is designed to pinch the ruffling material so that its progress shall be retarded and the ruffles be thereby formed. That portion of the plate on either side of the slot B is intended to cover the feeding-teeth, so that they shall not drag the ruffling material. At *h*, on the tongue F, a depression is sunk, forming a ridge on its under side for the purpose of pressing and holding the cloth with greater tension. The ends of the tongues should project beyond the edge of the plate A, so as to admit of the readier insertion of the work. At their inner ends the tongues have loop enlargements *m* to allow the fringes or torn edges of cloth to pass freely through.

What I claim as my invention, and desire to secure by Letters Patent, is—

The ruffling attachment for sewing-machines, consisting of the plate A E, slotted at C B, and provided with the tongues F F', respectively, overlapping and underlapping the extension E, and all constructed as and for the purpose specified.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

JAMES D. MOORE.

Witnesses:

CHAS. H. SPENCER,
CHAS. L. WALKER.