

(134.)

J. V. D. ELDREDGE'S

HEMMER FOR SEWING MACHINES.

No. 122,819.

Patented Jan. 16, 1872.

FIG. I.

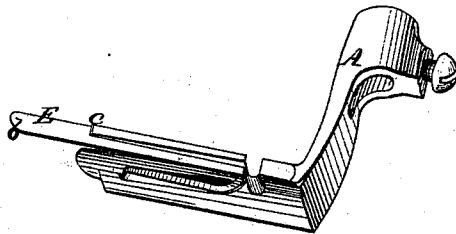
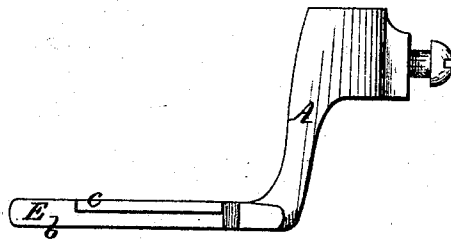


FIG. II.



WITNESSES.

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JOHN V. D. ELDREDGE, OF DETROIT, MICHIGAN, ASSIGNOR TO CHARLES A. SHAW, OF BIDDEFORD, MAINE, AND HENRY W. BOARDMAN, OF LOWELL, MASSACHUSETTS.

IMPROVEMENT IN HEMMERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. 122,819, dated January 16, 1872.

SPECIFICATION.

To whom it may concern:

Be it known that I, JOHN V. D. ELDREDGE, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in Hemmers for Sewing-Machines, which is fully and accurately described in this specification, reference being had to the drawing and the letters of reference thereon forming a part of said specification.

In said drawing, Figure 1 is a perspective view of my improved hemmer. Fig. 2 is a side view, showing the arrangement of the side or lateral spring when the same is extended to form a guide.

My invention consists in a guide and spring arranged to assist in turning the hem and guiding the fabric being hemmed properly to and into the hemmer.

My improvement is applicable to nearly all the hemmers in use when they are so constructed as to take the place of the presser-pad or foot piece of the sewing-machine; and I therefore deem it necessary to give a particular description of the construction of the other parts of such hemmers.

In a patent issued to me by the United States, dated April 19, 1870, a lateral spring, E, is described; and in a patent issued to me by the United States, dated October 4, 1870, a spring, a, is described; both of which springs are described in this application in combination with the ordinary guiding-springs found in sewing-machine hemmers in general use. It will be

seen, however, that my present improvement is not dependent on either of said springs, although in my improved hemmer herein described I extend the said spring E to form the guide; but where the spring E is not used the guide can be attached to the body of the hemmer, or a part of the body of the hemmer can be extended to form a guide.

In Fig. 1 A represents the presser-foot or pad, in the under side of which is arranged the necessary springs or guiding-fingers for forming or turning the hem in the ordinary manner. *b* is the guide extending beyond the body of the presser-foot, being a continuation of the lateral spring E, shown in Fig. 2, which spring and its uses are fully described in the patent of April 19, 1870, aforesaid. In my patent of April 19, 1870, the lateral spring E is described as being the full width of the side of the presser-foot; but where the spring is extended to form a guide, as herein shown, I prefer to construct the spring part of the guide narrower than the guide itself, and so form the body of the hemmer as to have the top project, as at *c*, over said spring.

What I claim as of my invention is—

The projecting guide *b* and spring E combined with hem-turning devices, and operating substantially as described.

JOHN V. D. ELDREDGE.

Witnesses:

B. ELDREDGE,
RICHD. TREGASKIS.

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