

J. P. 100R.

HEMMERS FOR SEWING-MACHINES.

No. 193,873.

Patented Aug. 7, 1877.

Fig: 1.

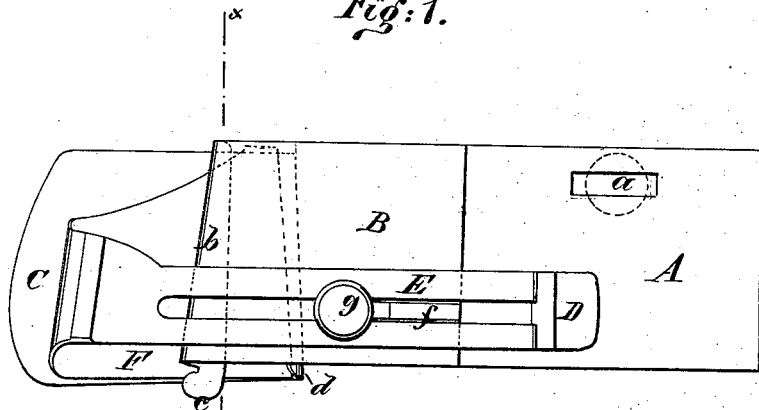


Fig: 2.

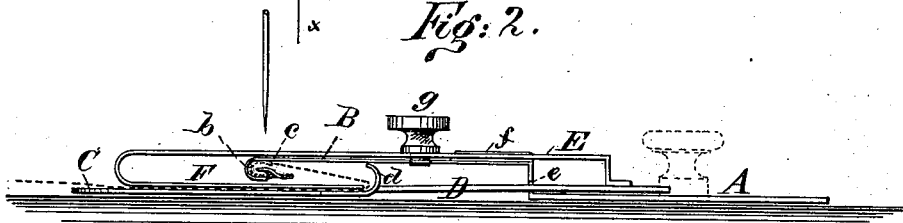
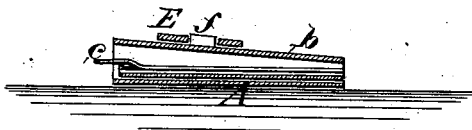


Fig: 3.



WITNESSES:

Chas. Nida
J. H. Scarborough

INVENTOR:

J. P. Moor
BY *[Signature]*
ATTORNEYS.

UNITED STATES PATENT OFFICE.

JOHN P. IOOR, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN HEMMERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **193,873**, dated August 7, 1877; application filed April 30, 1877.

To all whom it may concern:

Be it known that I, JOHN P. IOOR, of Indianapolis, in the county of Marion and State of Indiana, have invented a new and Improved Hemmer, of which the following is a specification:

Figure 1 is a plan view of my improved hemmer. Fig. 2 is a side elevation. Fig. 3 is a transverse section on line *x x* in Fig. 1.

Similar letters of reference indicate corresponding parts.

The object of my invention is to provide a hemmer for turning hems of different widths, that may be attached to sewing-machines of various descriptions.

In the drawing, A is a plate having the slot *a*, for receiving the thumb-screw that binds it to the sewing-machine, and having the offset portion B, the end of which is rolled under, forming a guide, *b*, for the inner edge of the hem. The said guide is tapering, being largest at the end that receives the cloth; and upon the edge of the metal forming the same an ear, *c*, is formed, which is bent upward so that it extends across the opening of the guide *b*, parallel with the plane of the plate A. C is a plate, the edge of which is turned to form a guide, *d*, for the outside of the hem, which is a counterpart of the guide *b*. A bar, D, is attached to the guide *d*, and extends through

a slot, *e*, in the plate A, and to it a slotted bar, E, is attached, which is offset, so that it may extend over the guide *b*. A rib, *f*, is formed on the plate A, for guiding the slotted bar E, and a binding-screw, *g*, is provided for clamping it in any desired position. To the free end of the slotted bar E a plate, F, is secured, which is curved under, extending to the guide *d*, parallel with the plate C, and between the guide *b* and the said plate.

The hemmer is adjusted to the sewing-machine so that the smaller end of the guide *b* is in front of the needle. The cloth to be hemmed is placed between the plates C and F, and over the edge of the plate F and around the ear *c*. The width of the hem is regulated by adjusting the slotted bar E.

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

The plate A, having offset B, tapering edge-guide *b*, ear *c*, and rib *f*, in combination with plate C, having guide *d*, the bar D, slotted bar E, screw *g*, and plate F, all constructed and arranged as and for the purpose specified.

JOHN P. IOOR.

Witnesses:

CHAS. J. IOOR,
ISAAC S. BOYER.