(No Model.)

A. WAYNE.

HEMMER FOR SEWING MACHINES.

No. 396,379. Patented Jan. 15, 1889.

Fig. 1.

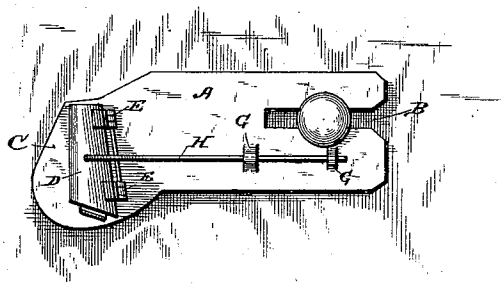


Fig. 2.

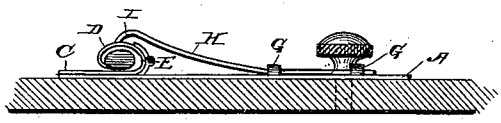
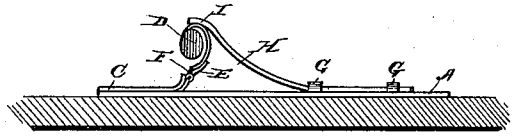


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

ALONZO WAYNE, OF LANCASTER, WISCONSIN, ASSIGNOR OF ONE-HALF TO LEMUEL J. ARTHUR, OF SAME PLACE.

HEMMER FOR SEWING-MACHINES.

SPECIFICATION forming part of Letters Patent No. 396,379, dated January 15, 1889.

Application filed July 25, 1888. Serial No. 281,025. (No model.)

To all whom it may concern:

Be it known that I, ALONZO WAYNE, a resident of Lancaster, in the county of Grant and State of Wisconsin, have invented certain new and useful Improvements in Hemmers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

This invention involves constructing a hemmer in pieces that may be moved with reference to each other from their normal position, for the purpose of facilitating the insertion of the edge of the fabric to be hemmed.

Figure 1 shows the hemmer in plan. Fig. 2 shows the same in side elevation. Fig. 3 is a view similar to Fig. 2, but with the parts in position for inserting the work.

An ordinary scroll-hemmer has been chosen to illustrate the invention, although it is not essential that the hemmer should have this exact form.

In all the drawings, A is a hemmer-plate to be secured to the bed of the machine by the clamping action of a thumb-screw passing through a slot, B, extending inward from the edge of the plate. A scroll-plate, C, is rigidly fastened to the plate A and bent into a scroll, D, of any suitable form, such as is found in hemmers heretofore in use. The scroll is longitudinally divided at F, Fig. 3, and the two parts thus formed are united by hinges E, of any form adapted to permit the upper or free portion of the scroll to swing from its original or working position away from the plate C, and preferably through an angle of not less than ninety degrees. The hinged axis is preferably at a little distance from the divided wall, whose meeting edges form a stop to prevent the free portion of the scroll from moving out of working position toward the plate C.

Small bands G are thrown up above the plate's general surface, their lateral edges being cut free from the plate, and beneath the loops so formed a spring, H, is passed. By pressing the loops downward after the insertion of the spring the latter is firmly secured in position. The free end of the spring rests upon the scroll D, and at all times exerts a pressure thereon.

In operation the spring normally keeps the scroll D in place, so that the working is precisely the same as that of the ordinary hemmer, except that in passing a seam, for example, the scroll yields slightly; but when work is to be inserted the scroll D is swung about its hinges to the position shown in Fig. 3, when its narrower side is received by a slight bend, I, in the spring and held stationary. The work being inserted, a slight pressure of the finger carries the scroll out of the bend and the spring returns it to its normal position.

It may be observed that carrying the slot B to the edge of the plate permits the plate to pass beneath the thumb-screw shoulder without detaching the screw from the machine.

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

The combination, with a hemmer-plate, of a longitudinally-divided hem-turning scroll having its parts hinged together to permit opening for the insertion of the work, and a spring fixed to the hemmer-plate, with its free end resting upon the scroll and provided with a bend to receive the scroll when partially open and to resist further opening or closing motion thereof, whereby the parts are held firmly in convenient position for the insertion of the work.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

ALONZO WAYNE.

Witnesses:
L. J. ARTHUR,
GEORGE B. WHEELER.