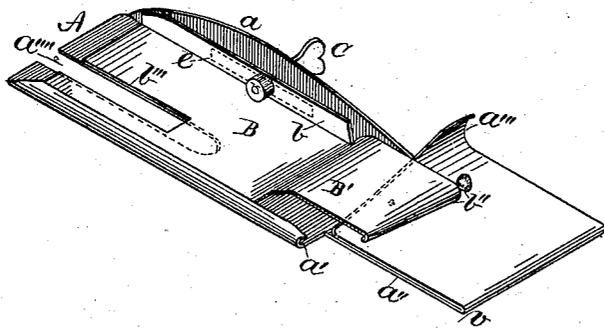


J. P. MULLER.
Hemmer for Sewing-Machines.

No. 217,545.

Patented July 15, 1879.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN P. MÜLLER, OF BURLINGTON, IOWA.

IMPROVEMENT IN HEMMERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **217,545**, dated July 15, 1879; application filed January 20, 1877.

To all whom it may concern:

Be it known that I, JOHN P. MÜLLER, of Burlington, in the county of Des Moines and State of Iowa, have invented certain new and useful Improvements in Hemmers for Sewing-Machines; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The accompanying drawings represent a construction and arrangement of parts embodying my invention, which relates to hemmers for sewing-machines; and consists in details of construction and arrangement of parts hereinafter described, and specifically pointed out in the claims hereto annexed.

Referring to the drawings by letters, A represents the base or main portion of a plate having a portion, *a*, of its side turned up and slotted parallel with the base, as shown by dotted lines *e* in the drawings, and a portion of its opposite side turned over to form or produce a groove, *a'*, and an end, *a''*, extended and folded back at *v*, and turned up at its end to form a flange or guide, *a'''*. The base A has also a long slot, *a''''*.

B is the base of a plate one side of which is placed in the groove *a'* of the plate A, and the opposite side, *b*, of which is turned up and rests against the flange *a*, to which it is secured by a set-screw, C, which passes through the slot *e* in the flange *a*. The plate B has a portion, *B'*, projecting over and beyond the guide *a'''*, the outer end of which is formed into an ordinary convolute, *b''*, for turning the edge of cloth into a hem. The plate B has a slot, *b'''*, coincident with the slot *a''''*, and through both of which a set-screw may pass for securing them in place upon a sewing-machine.

The plate B may be adjusted longitudinally on the plate A, to increase or diminish the distance from the hem-turner *b''*, to the guide *a'''*, for the purpose of making a broader or narrower hem; and the desired adjustment of said plates being made, they may then be secured as adjusted by the set-screw C preparatory to being fixed upon the sewing-machine.

By the employment of the turned-up side or flange *a* and the groove *a'* in the base-plate A, the adjustable plate B has a steady bearing in the base-plate, and is guided in its backward and forward movements to adjust the width of the hem, and the slots *a''''* and *b'''*, through which a set-screw passes to attach the hemmer to the sewing-machine, are always kept registered, while the plate B can be secured in any desired position by means of the set-screw C, passing through the horizontal slot *e* in the side *a* of the base-plate.

I am aware that a hemmer provided with a guide or base plate having a folding-space and notches has heretofore been employed in combination with an overlying plate adjustable on the base-plate, and provided with a curved folding-plate having an adjustable guide-rod, and I therefore lay no claim to such invention.

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

The combination of the base-plate A, having the slotted flange *a*, groove *a'*, slot *a''''*, and extension *a''*, folded at *v* and flanged at *a'''*, with the adjustable plate B, having flange *b*, extension *B'*, convolute *b''*, and slot *b'''*, as set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

JOHN PETER MÜLLER.

Witnesses:

A. M. ANTROBU,
C. E. SLACK.