A. McMILLAN.

Hemmer for Sewing-Machines.

No. 141,576. Patented August 5, 1873.

fig. 1.

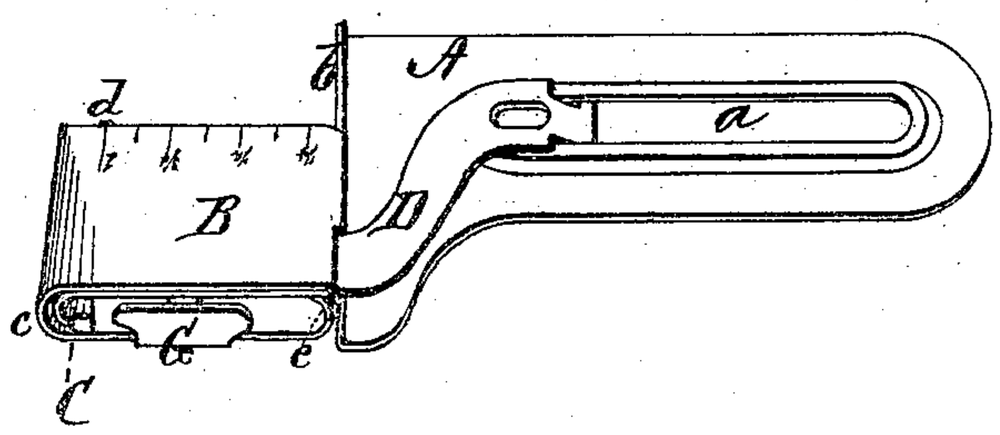


fig. 2.

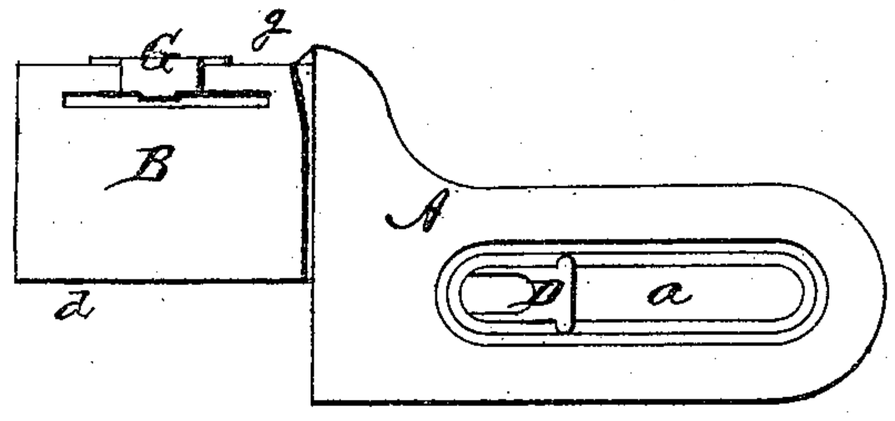
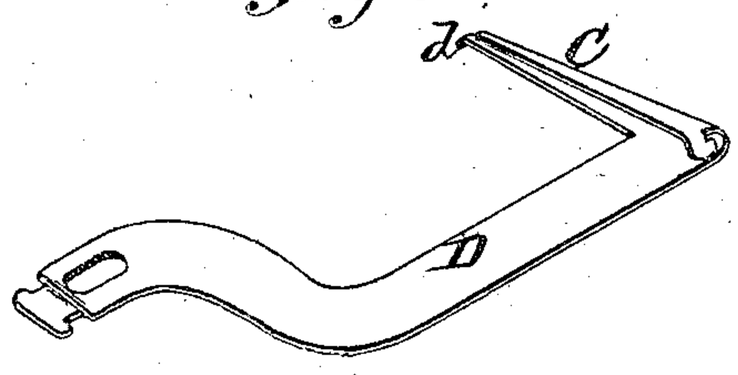


fig. 3



Witnesses,
John A. Ellis
E. S. Falconer

Inventor,
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per
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UNITED STATES PATENT OFFICE.

ALFRED McMILLAN, OF CINCINNATI, OHIO.

IMPROVEMENT IN HEMMERS FOR SEWING-MACHINES.

Specification forming part of Letters Patent No. **141,576**, dated August 5, 1873; application filed June 21, 1873.

To all whom it may concern:

Be it known that I, ALFRED McMILLAN, of Cincinnati, in the county of Hamilton and State of Ohio, 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 thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, which form a part of this specification.

The nature of my invention consists in the construction and arrangement of a hemmer for sewing-machines, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a perspective view, and Fig. 2 is a bottom view, of my hemmer; and Fig. 3 is a perspective view of the arm carrying the inner scroll.

A represents a plate, of any suitable dimensions, provided with a longitudinal slot, *a*, through which a set-screw is to pass to fasten the hemmer to the bed-plate of the sewing-machine. The plate A, at the left or outer end, is bent upward to form a flange, *b*, and then bent to form the large or exterior scroll B. C represents the interior scroll, formed upon the end of an arm, D, which is curved, as shown, and passes through a slot in the inner corner of the scroll B at the upper edge of the flange *b*. The end of the arm D is inserted and slides in the slot *a* of the arm A, and is fastened by the thumb-screw passing through a slot in the same and through the slot *a*. The inside scroll C can thus be moved backward and forward to regulate the width of the hem and be held in place by the thumb-screw of the machine. At the smaller end of the interior scroll C is an upward-projecting index or finger, *d*, which points to graduating-marks on the end of the scroll B, thus giving the exact width of any hem desired. The scroll B is slotted at *g*, and provided with a guide, G, adapted to slide longitudinally on the scroll.

With a narrow hem the guide is moved to the left beyond the scroll C; but when hems broader than the guide are to be turned, then the guide is moved to occupy a position between the scroll C and the portion *e* of scroll B.

The guide G is designed to hold up the goods in the center, so as to allow it to pass freely through the hemmer and prevent the cloth from sagging, thereby bringing the edge of the cloth out of the inside scroll, which prevents the edge from being turned under.

The hemmer shown in the drawings is adjusted for the Singer machine; but it may be made to suit any of the other well-known machines.

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

The hemmer herein described, consisting of the slotted plate A, slotted scroll B, arm D, scroll C, and adjustable guide G, attached to scroll B, all constructed and operating as described.

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

ALFRED McMILLAN.

Witnesses:
C. W. EARNIST,
D. A. SWIFT.