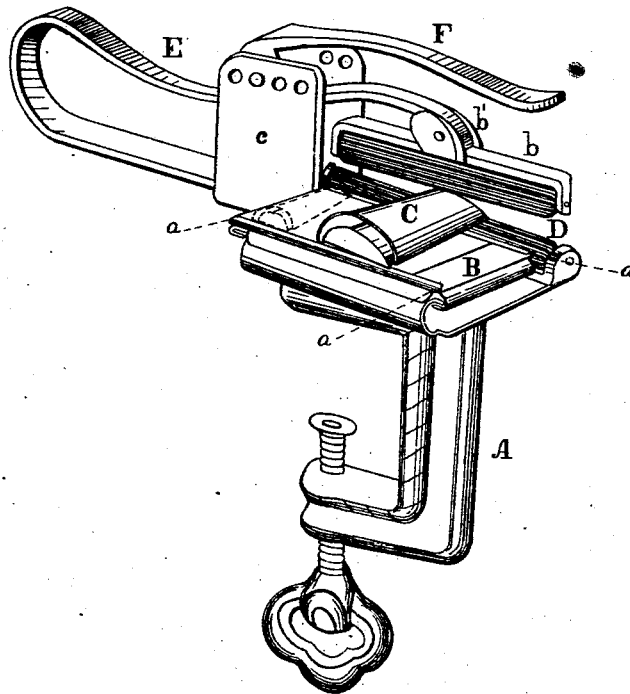


F. HENRY.
Hand Hem-Folder.

No. 160,429.

Patented March 2, 1875.



Witnesses

No. P. Grant
L. F. Brou.

Inventor:

Frank Henry.
by *John DeWitt*
Atty.

UNITED STATES PATENT OFFICE.

FRANK HENRY, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN HAND HEM-FOLDERS.

Specification forming part of Letters Patent No. **160,429**, dated March 2, 1875; application filed July 23, 1874.

To all whom it may concern:

Be it known that I, FRANK HENRY, of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Hand Hem-Folders; and I do hereby declare the following to be a clear and exact description of the nature thereof, sufficient to enable others skilled in the art to which my invention appertains to fully understand, make, and use the same, reference being had to the accompanying drawings, making part of this specification, in which the figure is a perspective view of the device embodying my invention.

My invention consists in means for pressing the hem or fold, means for applying variable hemmers, and a clamp for attachment to a place of use or service, the whole forming a convenient device for hand operation for pressing or ironing a hem-fold, so that the line thereof will be sharp and well defined, and the hem or fold will not rise and become undone, whereby fabric may be prepared with a hem-fold for purposes not requiring stitching.

Referring to the drawings, A represents a clamp for attaching the device to a table or other place of usage. B represents a plate, which is secured to the clamp A, and the sides thereof are flanged inwardly, as at *a a*, to form grooves or guides for the folder C, whose bot-

tom plate engages with the flanges *a a*. D represents two jaws, one of which is connected to a spring or yielding arm, E, and is depressed by a lever, F.

It will be seen that folders of variable widths may be applied to the plate B by simply fitting their bottom plates between the flanges of the plate B, and the applied folder will occupy such position that as the fabric is folded and passes from the folder it is directed to the jaw D.

The jaw is raised and the fabric is drawn forward by hand, and when it reaches and passes under said jaw, the latter is lowered. The fabric is now entirely carried forward by hand, whereby the fold will be firmly pressed, so that its line will be sharp and well defined, and the fold will be preserved without liability of becoming undone.

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

The hand hem-feeder, consisting of the yielding presser-bar D, the grooved plate B for variable hemmers, and the clamp A, substantially as and for the purpose set forth.

FRANK HENRY.

Witnesses:

WM. P. HIBBERD,
JOHN A. WIEDERSHEIM.