

W. W. EGNEW.

Improvement in Button Hole Cutters.

No. 123,250.

Patented Jan. 30, 1872.

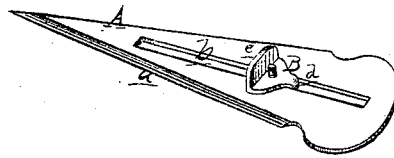


Fig. 1.

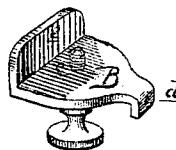


Fig. 2.

ATTEST:
Thos H. Church
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INVENTOR:
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UNITED STATES PATENT OFFICE

WILLIAM W. EGNEW, OF DETROIT, MICHIGAN.

IMPROVEMENT IN BUTTON-HOLE CUTTERS.

Specification forming part of Letters Patent No. 123,250, dated January 30, 1872.

To whom it may concern:

Be it known that I, WILLIAM W. EGNEW, of Detroit, in the county of Wayne and State of Michigan, have invented a new and useful Improvement in a Button-Hole Cutter; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon and being a part of this specification, in which—

Figure 1 is a perspective view of my device, and Fig. 2 is a similar view of the sliding gauge detached.

Similar letters of reference indicate corresponding parts in the several figures.

The nature of this invention relates to a device for cutting button-holes in cloth fabrics, of uniform length, and being adjustable to cut holes of various lengths. The invention consists in combining with a tapering blade of steel sharpened on one edge, and provided with a central slot, an adjustable gauge of peculiar construction, as more fully hereinafter set forth.

In the drawing, A represents a flat thin blade of steel ground at one side to a cutting-edge, *a*, and tapering to a point. In the center is cut a longitudinal slot, *b*, extending about two-thirds its length. B is a gauge-plate, into which a small thumb-screw, *c*, is tapped, en-

tering from the other side of the blade on which it is placed, passing through the slot *b*. A lip, *d*, is turned at a right angle with and from the upper end of the gauge-plate, and enters the slot to guide it in its movement. Parallel with the guide a gauge, *e*, is turned outwardly from the gauge-plate at the other or lower end. By means of the screw the gauge may be secured at any point in the length of the slot.

In using this device the gauge is secured at that point in the width of the blade which equals the length of the hole to be cut. The operator inserts the point of the blade in the cloth at one end of the intended opening, with the back or unsharpened edge of the blade next that end, and then pushes it down until stopped by the gauge, the sharpened edge making a straight and smooth cut of the exact length required.

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

In combination with the blade A, provided with the central longitudinal slot *b*, the adjustable gauge B, provided with the upturned lip *e* and the dependent lip *d*, all constructed, arranged, and operated substantially as described and shown.

Witnesses: WILLIAM W. EGNEW.

MYRON H. CHURCH,

H. F. EBERTS.