

G. St. GEORGE, Jr.

STITCH-RIPPER.

No. 175,388.

Patented March 28, 1876.

Fig.1.

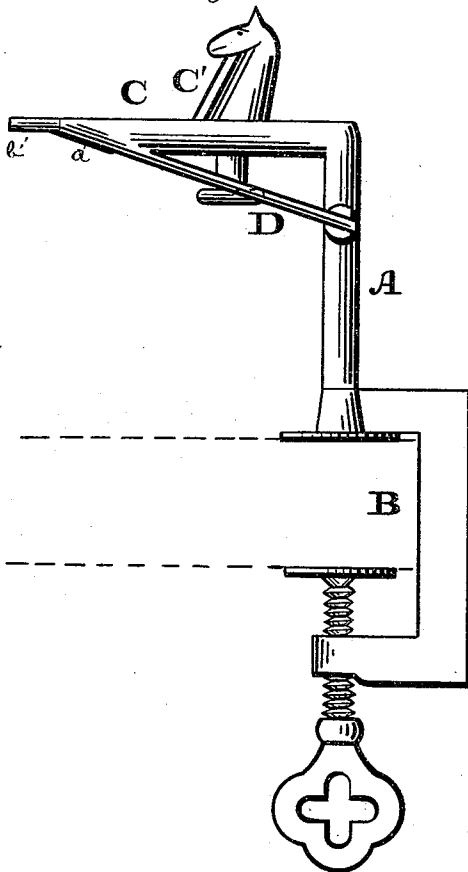


Fig.2.

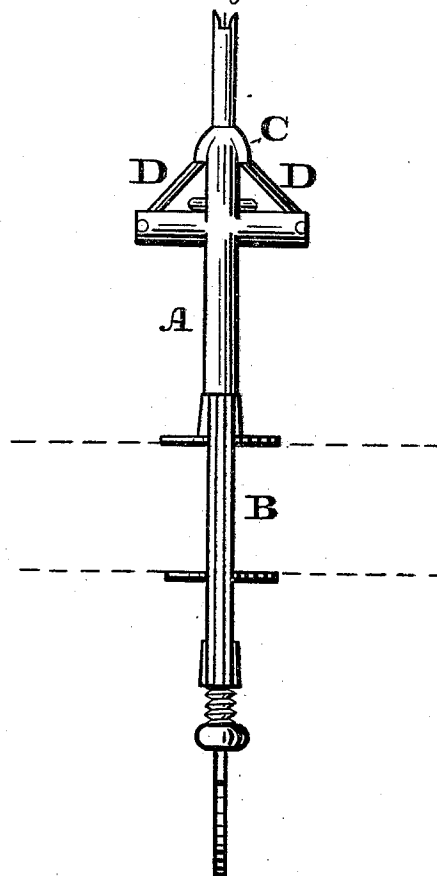
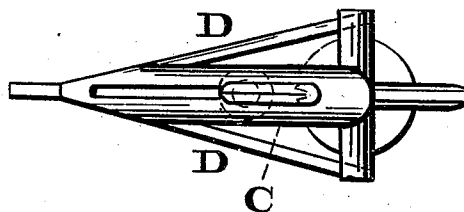


Fig.3.



Witnesses:

Lewis, F. Brown,
A. P. Grant.

Inventor:

George St. George, Jr.
by John A. Gieseler,
Att'y.

UNITED STATES PATENT OFFICE

GEORGE ST. GEORGE, JR., OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN STITCH-RIPPERS.

Specification forming part of Letters Patent No. **175,388**, dated March 28, 1876; application filed August 2, 1875.

To all whom it may concern:

Be it known that I, GEORGE ST. GEORGE, Jr., of the city and county of Philadelphia and State of Pennsylvania, have invented a new and useful Improvement in Stitch-Rippers; 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—

Figure 1 is a side view of the device embodying my invention. Fig. 2 is an end view thereof. Fig. 3 is a top view thereof.

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

My invention consists of a stock supporting a blade or knife, and deflecting arms projecting angularly from the sides of the stock, whereby stitches may be readily ripped, and the cloth properly separated therefor.

Referring to the drawings, A represents an upright arm, which may be attached to a clamp or other fastening, B. C represents a stock which is formed with or connected to the arm A, and projects horizontally therefrom.

The stock B supports a vertically-arranged blade, C', which may be fixed to the stock or made adjustable thereon.

a represents the conical point of the stock C, and *b* a guiding-pin, which is in advance of the point *a*. To the sides of the stock, near the pointed end thereof, there are secured arms D, which project therefrom laterally toward the rear of the stock, and are connected to the upright arm A or projecting pieces thereon.

It will be seen that the arms and stock form

a skeleton conical-shaped body, and said arms may be hinged to the stock so as to adjust the angle of the arms and increase or decrease the transverse dimensions of the body as formed.

The operation is as follows: The device will be properly clamped to a table or otherwise held, and the stitched fabric to be ripped is presented to the blade, so that the stitch or seam will be in line with the blade. The fabric being drawn along is separated by the arms D, which act as deflectors, and reaching the blade, its seam or stitches will be cut thereby.

For closed seams or hems, the point of the stock will be inserted in the hem with the thread in line with the blade. The fabric is drawn toward the blade, and the operation will be the same as stated.

It will be seen that the pin *b* is in advance of the work to be performed by the conical point of the stock, so that the stock will be properly guided before the stitches are stretched. This will insure the fabric from being cut by irregular motions of the stock, as the latter is guided both in front and rear.

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

1. The skeleton conical-shaped body, consisting of the blade-supporting stock C and deflecting arms D, constructed and arranged to operate substantially as and for the purpose set forth.

2. The skeleton conical-shaped body C D, in combination with the blade C', substantially as and for the purpose set forth.

GEO. ST. GEORGE, JR.

Witnesses:

JOHN A. WIEDERSHEIM,
ALBERT H. HOECKLEY.