

F. B. Converse

Ripping Instrument.

N^o 48662

Patented Jul. 11. 1865

Fig. 1.

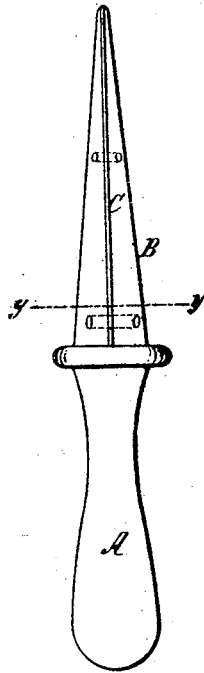
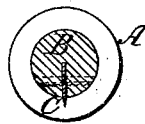


Fig. 2.



Witnesses.

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN INSTRUMENTS FOR RIPPING SUTURES IN CLOTH.

Specification forming part of Letters Patent No. **48,662**, dated July 11, 1865.

To all whom it may concern:

Be it known that I, F. B. CONVERSE, of No. 72 Amity street, in the city, county, and State of New York, have invented a new and useful Improvement in Implements for Ripping Seams; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 represents an implement made according to my invention; Fig. 2, a cross-section on the line *y* of Fig. 1.

Similar letters of reference indicate like parts.

The object of this invention is to provide an implement by means of which seams of sewing in cloth and other material can be readily ripped without cutting the material itself, and applicable both to hand and sewing-machine work.

C is a cutting-blade, set in a socket which is made lengthwise of a suitable stock, B. This stock is conical in its form, its apex being the terminal point of the implement and its base being united to a handle, A, of any suitable shape. The blade C in this example of my invention is fixed, and is of equal length with the stock B, and projects beyond its periphery an equal distance throughout its length; but it may be made movable or adjustable in its socket, so as to protrude more or less, accord-

ing to the character of the seams to be cut or the nature of the material in which the same exist. It may be also of convex shape, instead of being made with a straight edge, as here shown, or it may be concave. The body of the stock may also be varied from a conical form without departing from the principle of my invention, so long as the stock extends on each side of the cutting-blade, so as to distend the cloth or other material on each side of the seam.

The manner of using my invention is to press the ripping implement toward the seam to be ripped, when the sides of the stock B will distend the material and expose the threads of the seam to the cutting-blade, which will cut them without any injury to the cloth or other material in which the seam exists.

My invention will be found useful in ripping nearly every kind of seam and for removing trimmings and bindings. The thinnest cambric or the heaviest beaver-cloth, as well as seams made in leather, can be operated on with facility.

I claim as new and desire to secure by Letters Patent—

The implement for ripping seams herein shown, constructed substantially as above described.

F. B. CONVERSE.

Witnesses:

WM. F. McNAMARA,
M. M. LIVINGSTON.