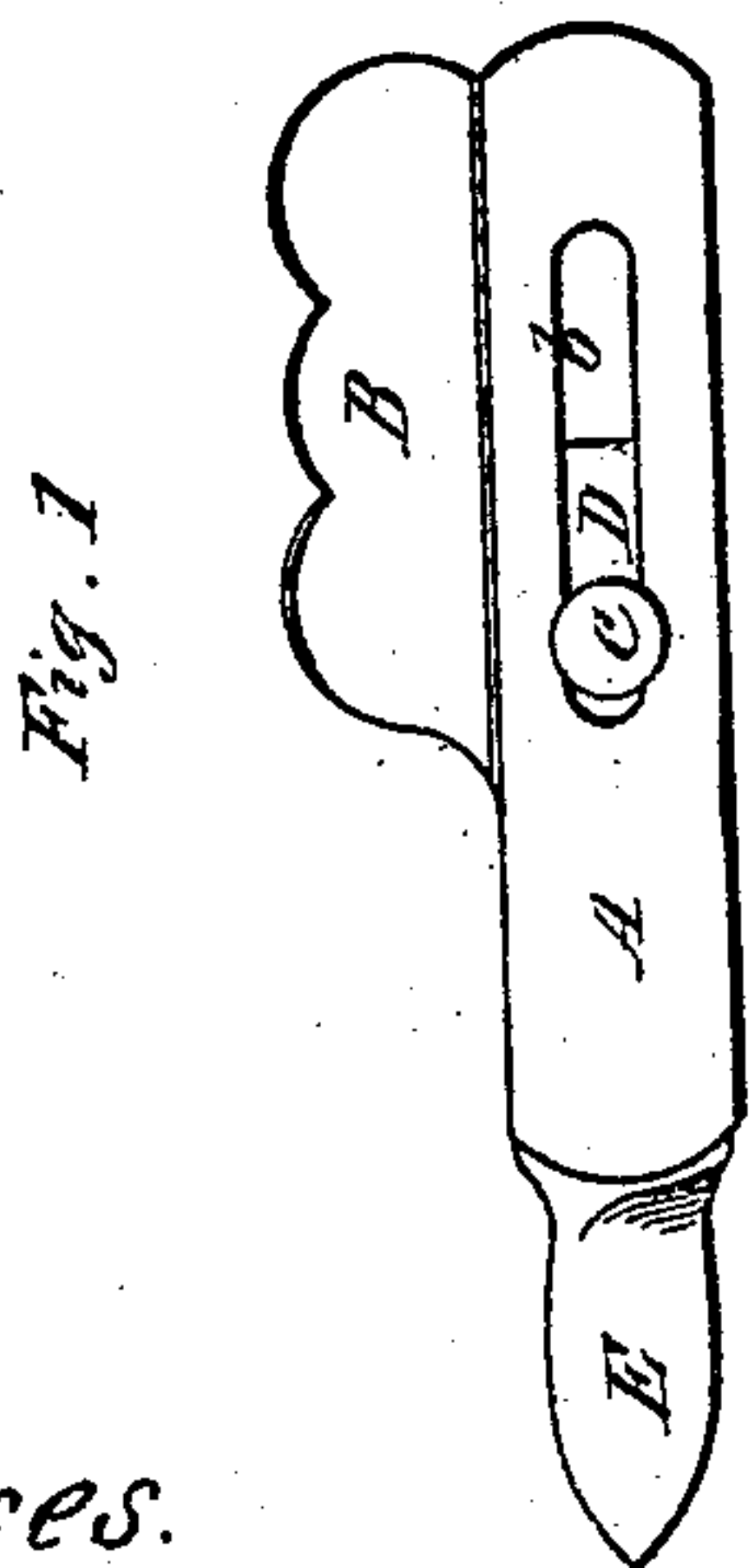


A. W. Gifford.

Scissors Sharpener & Cloth Ripper.

N^o 70544.

Patented Nov. 5. 1867.



Witnesses.
McComb
G. W. Reed.

Inventor.

A. W. Gifford
per Brown, Combs &
Attys

United States Patent Office.

A. W. GIFFORD, OF WORCESTER, MASSACHUSETTS, ASSIGNOR TO WILLIAM
A. RICHARDSON AND HENRY D. WARD, OF THE SAME PLACE.

Letters Patent No. 70,544, dated November 5, 1867.

IMPROVEMENT IN SCISSORS-SHARPENER AND CLOTH-RIPPER COMBINED.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, A. W. GIFFORD, of Worcester, in the county of Worcester, and State of Massachusetts, have invented a new and useful Combined Scissors-Sharpener and Ripper, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and in which—

Figure 1 represents a one-side or face view of an implement constructed according to my improvement.

Figure 2, an opposite side or face view, with portion of the frame removed, and showing in red lines a blade of a pair of scissors in the act of being drawn through the same; and

Figure 3 a transverse section taken as indicated by the line *xx* in fig. 1.

Like letters of reference indicate corresponding parts.

The nature of my invention consists in a combination of a knife, blade, or ripper with a serrated bar or file in a frame or holder constructed to form guides to the blades of scissors for the purpose of sharpening the same, whereby the work of the tailor or seamstress is greatly facilitated, the ripper serving to cut the stitches where it is inconvenient to use the scissors, or where the blades of the latter require sharpening, which the same implement serves to effect.

Referring to the accompanying drawing, A represents the frame of the implement, which may be made of a thin sheet of metal bent to form sides B C, the one of which is preferably made higher than the other, and which sides form guides for the scissors-blade in being sharpened, by drawing it over a serrated steel bar or file, D, the teeth *a* of which extend across its width or thickness, and are bevelled or inclined, as represented in fig. 3, to give a proper set to and bearing of the scissors-blade against the side B in being drawn over the said bar. This serrated bar or file D may either be a fixture in the frame A, or made to slide longitudinally therein, say, by means of a slot, *b*, in the frame A, and button or knob *c* connected with the bar, which has attached to or formed on its one end a blade or ripper, E, that, in case of the bar D being made to slide, as described, may be drawn within the frame A, or be projected beyond its one end, accordingly as the instrument is designed to be used as a ripper or simply as a scissors-sharpener. Where the bar D has no sliding provision in its connection with the frame A, then the blade E should be made to project as a fixture beyond the end of the frame. It is preferable, however, to give to the bar, with its ripping-blade, a sliding connection with the frame, so as to enclose or cover the blade when not required to be used. The bar D may be serrated on opposite edges, and so fitted to the frame as to be capable of being reversed, so that when one edge has become useless the other can be brought into play. By thus combining a ripper with a scissors-sharpener in the one implement, the work of the seamstress will be greatly facilitated, as when the scissors are at fault the ripper may be used to sever the stitches, or the implement used to sharpen the scissors, where they are preferred or can be worked to greater convenience.

What is here claimed as new and useful, and desired to be secured by Letters Patent, is—

A combined scissors-sharpener and ripper, constructed for operation substantially as described.

A. W. GIFFORD.

Witnesses:

S. B. J. GODDARD,
CHAS. F. CARR.