

C. W. COLLYER.
Selvage and Twine Cutters.

No. 153,539.

Patented July 28, 1874.

Fig. 1.

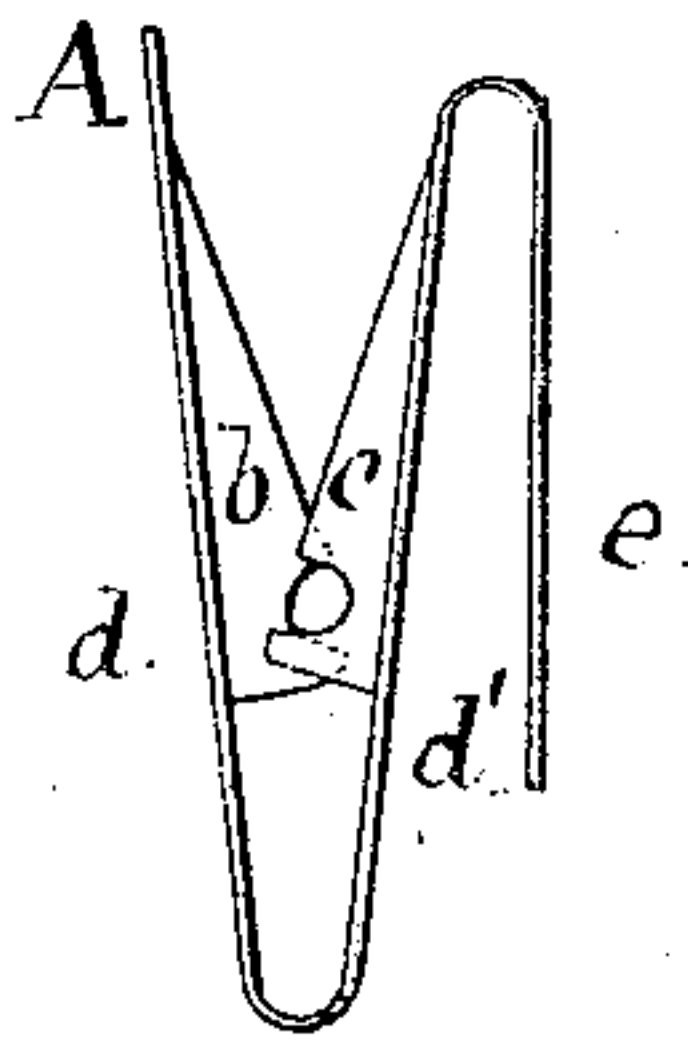


Fig. 2.

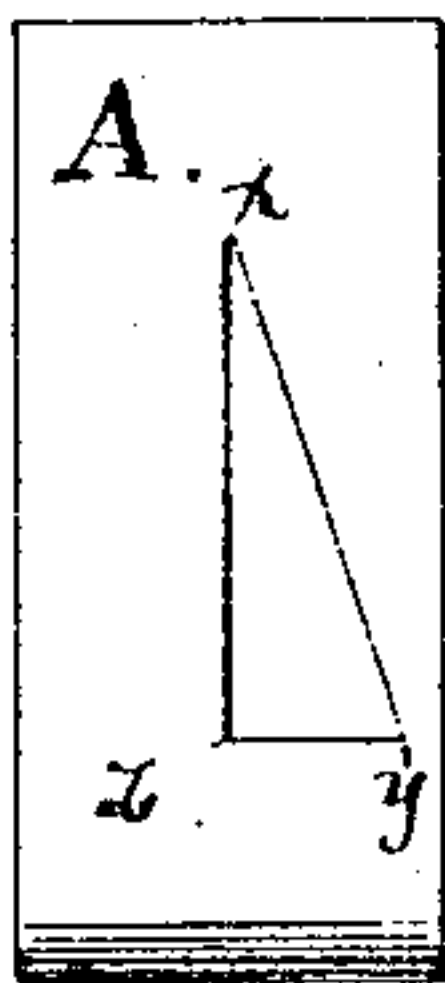
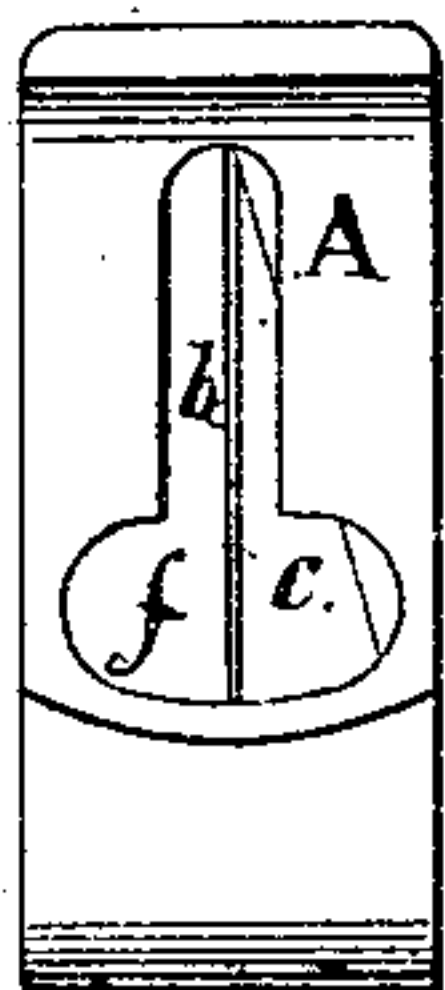


Fig. 3.



Witnesses.
Geo. T. Smallwood, Jr.
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per John J. Halsted.
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UNITED STATES PATENT OFFICE.

CHARLES W. COLLYER, OF MARBLEHEAD, MASSACHUSETTS, ASSIGNOR TO
HIMSELF AND FREDERICK W. MUNROE, OF SAME PLACE.

IMPROVEMENT IN SELVAGE AND TWINE CUTTERS.

Specification forming part of Letters Patent No. **153,539**, dated July 28, 1874; application filed
May 18, 1874.

To all whom it may concern:

Be it known that I, CHARLES W. COLLYER, of Marblehead, in the county of Essex and State of Massachusetts, have invented an Improved Selvage and Twine Cutter; and I do hereby declare that the following, taken in connection with the drawings which accompany and form part of this specification, is a description of my invention sufficient to enable those skilled in the art to practice it.

This invention is designed for a simple and handy implement for family, store-keepers', or manufacturers' purposes, serving the double purpose of a selvage or cloth trimmer, as well as a twine or thread cutter; and it consists in making the same complete, including its cutters, from a sheet of metal cut and bent to shape, as hereinafter set forth.

In the drawings, A is a strip of metal, having two cutting-blades, *b c*, formed therein by cuts, made as indicated by the two lines *x y* and *y z* in Fig. 2, the line *x z* remaining uncut. These triangular pieces *x y z* are then bent on the line *x z*, so that they shall stand about at a right angle to the plane of the strip or plate, of which they are a part, as shown in Fig. 1, and each, near its base-line, has a deep notch cut in its edge of a somewhat semi-circular form, as shown at *d d'*, Fig. 1. The whole plate is bent or doubled transversely, as seen, so that the two cutters *b* and *c* shall be in close relative cutting position, and it is also bent in a reverse direction to form a hook,

e, to permit the implement to be hung in the button-hole of the coat or garment, or in the belt of a dress; and it has an opening therein, (shown at *f*,) whereby it may be screwed or otherwise permanently secured to a table, desk, or other fixed object.

It will now be seen that when the material, whether a fabric or a twine, cord, or thread, is pulled inward against the inclined shearing-edges of *b c*, or if the edges be pressed toward each other like the blades of a shears, the article in ordinary cases must be severed; but if, by reason of a perversity of the material, or any other cause, the inclined parts of the shears, as may sometimes happen, allow the material to slip between them without effecting a perfect cut, then it passes to the other cutters *d d'*, which, by reason of their different form, and because their cutting-edges offer a more abrupt and positive resistance to the material, insure the cutting to a certainty, as they prevent any passing beyond them of an unsevered article.

I claim—

The described selvage and twine cutter constructed complete, including its cutters, from a single piece of sheet metal cut and bent to shape, as shown and set forth.

Executed this 13th day April, A. D. 1874.

C. W. COLLYER.

Witnesses:

M. W. FROTHINGHAM,
C. WARREN BROWN.