T. HALVORSEN.

Devices for Sharpening Scissors.

No. 137,135. Patented March 25, 1873.

Fig: 1.

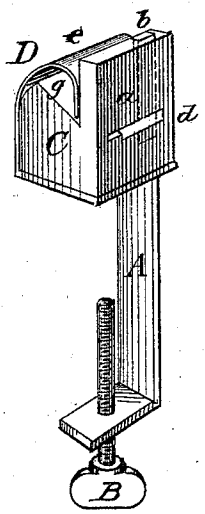


Fig: 2.

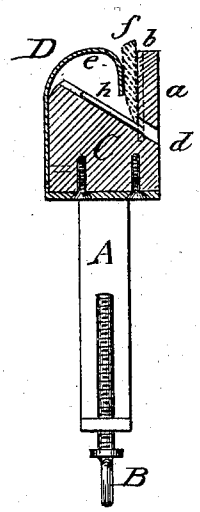
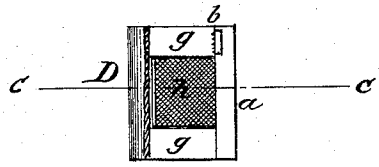


Fig: 3.



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AM. PHOTO-LITHOGRAPHIC CO. N.Y. (OSBORNE'S PROCESS)

UNITED STATES PATENT OFFICE.

THOMAS HALVORSEN, OF NEW YORK, N. Y.

IMPROVEMENT IN DEVICES FOR SHARPENING SCISSORS.

Specification forming part of Letters Patent No. **137,135**, dated March 25, 1873.

To all whom it may concern:

Be it known that I, THOMAS HALVORSEN, of the city, county, and State of New York, have invented a new and Improved Scissors-Sharpener, of which the following is a specification:

Figure 1 is a perspective view of my invention; Fig. 2, a vertical section of the same on the line *c c*, Fig. 3; and Fig. 3 a top view, with a part open to show arrangement of files.

Similar letters of reference indicate corresponding parts.

The object of my invention is to furnish to tailors, seamstresses, and the public in general, a small and convenient instrument which can be applied to a table or other convenient place for sharpening of scissors and shears. It consists of the arrangement of two files under a certain angle, so that by introducing one blade of a pair of scissors held in position by a strong spring, and sliding the same back and forth, the edge is sharpened rapidly and evenly by the files.

In the drawing, A represents the metal frame by which the scissors-sharpener is connected with any fixed body or piece of furniture, held in position by set-screw B. To the upper horizontal plate *a* is screwed, cast, or otherwise connected, the rectangular frame C, of brass, bronze, or other suitable metal. One side, *g*, thereof is vertically extended and provided at its inner side with a file, *b*. A horizontal slot, *d*, allows the filings to drop out. A strong band-spring, D, is firmly screwed to the outside of frame C, parallel to side *a*, and presses, with its bend *e*, toward the same, so that when the scissors-blade *f* (Fig. 2) is introduced it is strongly pressed on file *b*. Below spring D the upper side *g* of frame C is inclined under an acute angle toward side *a*, and another file, *h*, placed on it at a short interval from file *b* in such a manner as to act uniformly on the edge of blade *f* and connect with slot *d*. Several strokes of the blade *f* over the files *b* and *h* will suffice to sharpen the blades of the scissors, providing thereby an easy, quick, and convenient method of sharpening the scissors, thereby expediting the work of the same. The slot *d* admits also the replacing of files *h* when the same are dull in consequence of long use.

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

The scissors-sharpener composed of frame C, spring D, files *b* and *h*, slot *d*, substantially as and for the purpose described.

THOMAS HALVORSEN.

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