

A. S. Dinsmore

Needle Sharpener

N^o 90,433.

Patented May 25, 1869.

Fig. 1.

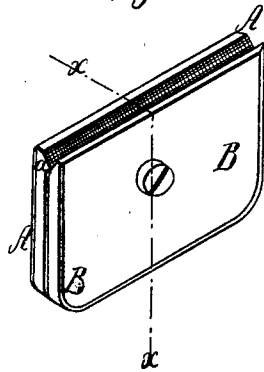
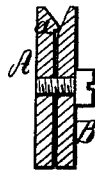


Fig. 2.



Witnesses:
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United States Patent Office.

A. S. DINSMORE, OF NEW YORK, N. Y.

Letters Patent No. 90,433, dated May 25, 1869.

IMPROVED NEEDLE-SHARPENER.

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. S. DINSMORE, of New York, in the county of New York, and State of New York, have invented a new and improved Needle-Sharpener; 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 is a perspective view of my improved needle-sharpener.

Figure 2 is a detail cross-section of the same, taken through the line *x x*, fig. 1.

Similar letters of reference indicate corresponding parts.

My invention has for its object to furnish an improved needle-sharpener, designed especially for sharpening sewing-machine needles whose points have been broken off; and

It consists in the construction of the same, as will be hereinafter more fully described.

A and B are two blocks or plates, made of steel or other suitable material.

The adjacent edges of the upper parts of the blocks or plates A B are bevelled off, and the said bevels are grooved or roughened, or have file-teeth formed upon them, as shown in fig. 1.

One of the blocks or plates A B is formed with a projecting shoulder, *a*, which overlaps the bevel of the other part, as shown in figs. 1 and 2.

The two blocks or plates A B are secured to each other, when adjusted, by a set-screw, as shown in figs. 1 and 2.

In using the instrument, the needle to be sharpened is held at a greater or less inclination, according as the taper of the point of the needle is desired to be more or less gradual.

The needle is then drawn through the angle of the sharpener, and at the same time turned so that its point may be tapered evenly upon all its sides; the shoulder of the one part preventing the point of the needle from entering the joint between the said blocks or plates, so that the extreme point of the needle may be properly sharpened.

Having thus described my invention,

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

The needle-sharpener, constructed as described, of the plates A B, secured together by screws, and having their upper proximate edges bevelled and roughened, one of said plates being formed with the shoulder *a*, fitting over the bevel upon the opposite plate, as herein described for the purpose specified.

The above specification of my invention, signed by me, this 10th day of March, 1869.

A. S. DINSMORE.

Witnesses:

FRANK BLOCKLEY,
JAMES T. GRAHAM.