

N. Belcher,

Sharpening Machine.

No. 103,705.

Patented May 31, 1870.

Fig. 1.

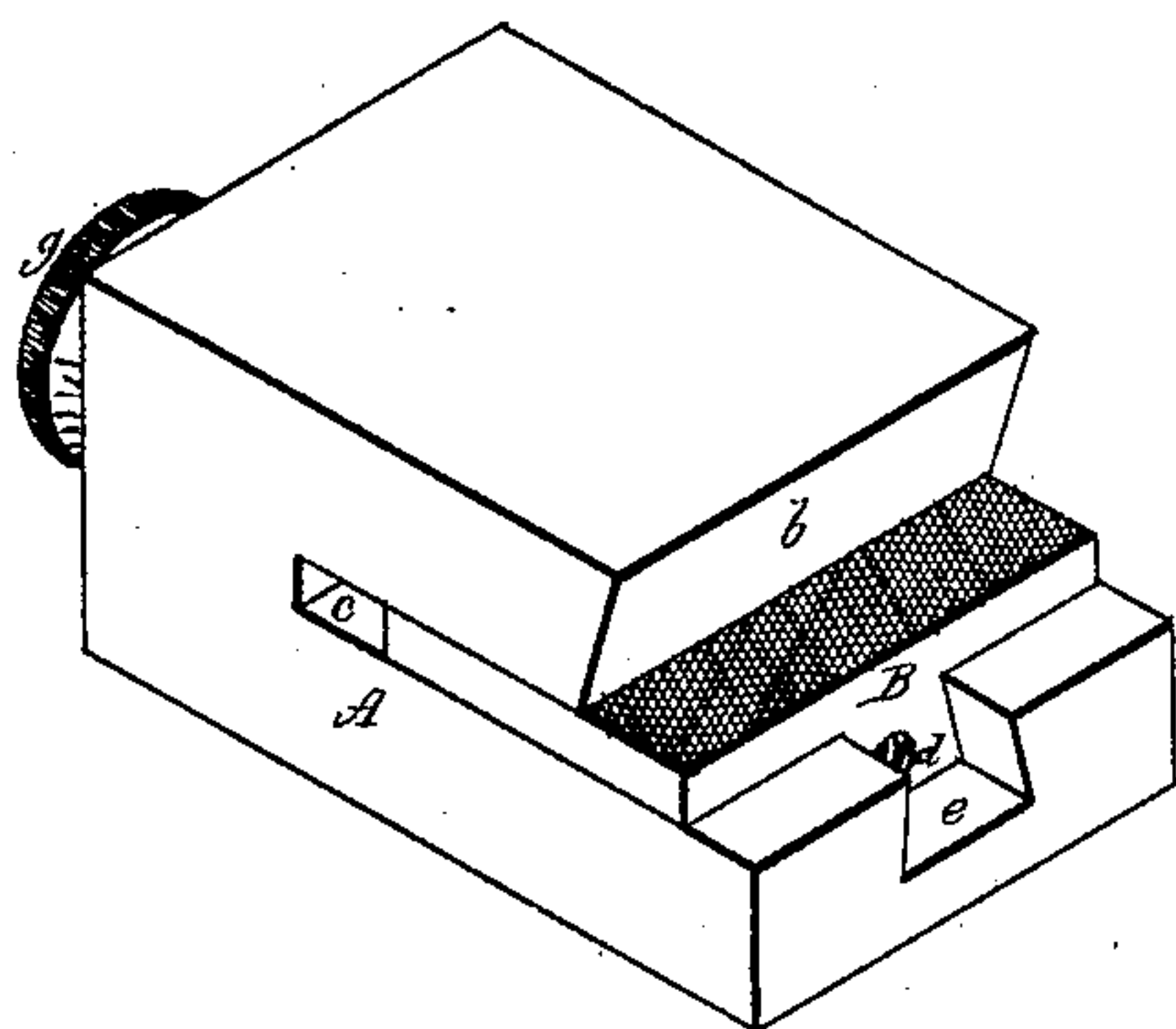
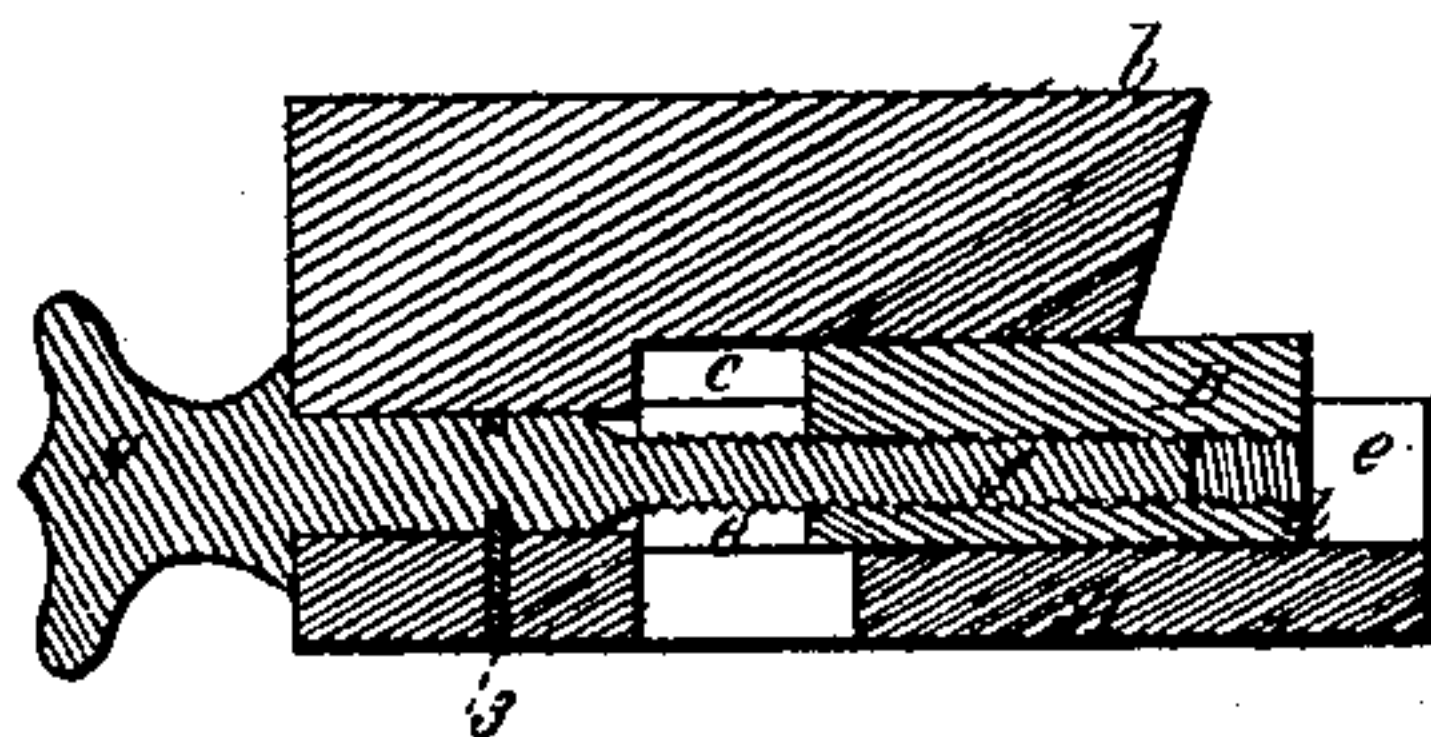


Fig. 2.



Witnesses.

J. E. Teschemacher
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NATHANIEL BELCHER, OF BOSTON, MASSACHUSETTS.*

Letters Patent No. 103,705, dated May 31, 1870.

IMPROVEMENT IN SCISSORS-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, NATHANIEL BELCHER, of Boston, in the county of Suffolk and State of Massachusetts, have invented an Improved Scissors-Sharpener, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing making part of this specification, in which—

Figure 1 is a perspective view of my improved scissors-sharpener.

Figure 2 is a longitudinal vertical section through the center of the same.

My invention consists in making the file of a scissors-sharpener adjustable, so that a new portion may be brought into use as soon as that previously used becomes worn out, thus enabling me to produce an instrument which can be kept in a serviceable condition for a great length of time.

To enable others skilled in the art to understand and use my invention, I will proceed to describe the manner in which I have carried it out.

In the said drawing—

A is a block of hard wood or other suitable material, a portion of the upper side of which is cut away, so as to form a gauge, *b*, for the blade of the scissors to rest against as its edge is moved back and forth over the surface of a file or sharpener, B, which fits into a slit, *c*, in the block A, the inclination of the gauge *b* corresponding to that of the beveled edge of the blade to be sharpened.

On the under side of the file B is a dovetailed projection, *d*, which slides in a groove, *e*, of corresponding form, in the block A, and longitudinally through this projection *d* passes a screw, *f*, which is held in place within the block by a pin, *g*, and is provided with a head, *g*, by turning which the file may be moved in either direction, so as to bring a new portion of its surface into use as soon as that previously used has become worn out. The whole surface of the file may thus be utilized, and the instrument kept in servicable condition for a great length of time.

The above-described scissors-sharpener is of simple construction, not liable to get out of order, and may be furnished at a very moderate cost.

Claim.

What I claim as my invention, and desire to secure by Letters Patent, is—

The adjustable file or sharpener B, in combination with the block A and gauge *b*, operating substantially in the manner and for the purpose set forth.

Witness my hand this 27th day of April, A. D. 1870.

NATHANIEL BELCHER.

Witnesses:

P. E. TESCHEMACHER,
W. J. CAMBRIDGE.

* Assignor to himself & George H. Wood of Newtonville, Massachusetts.