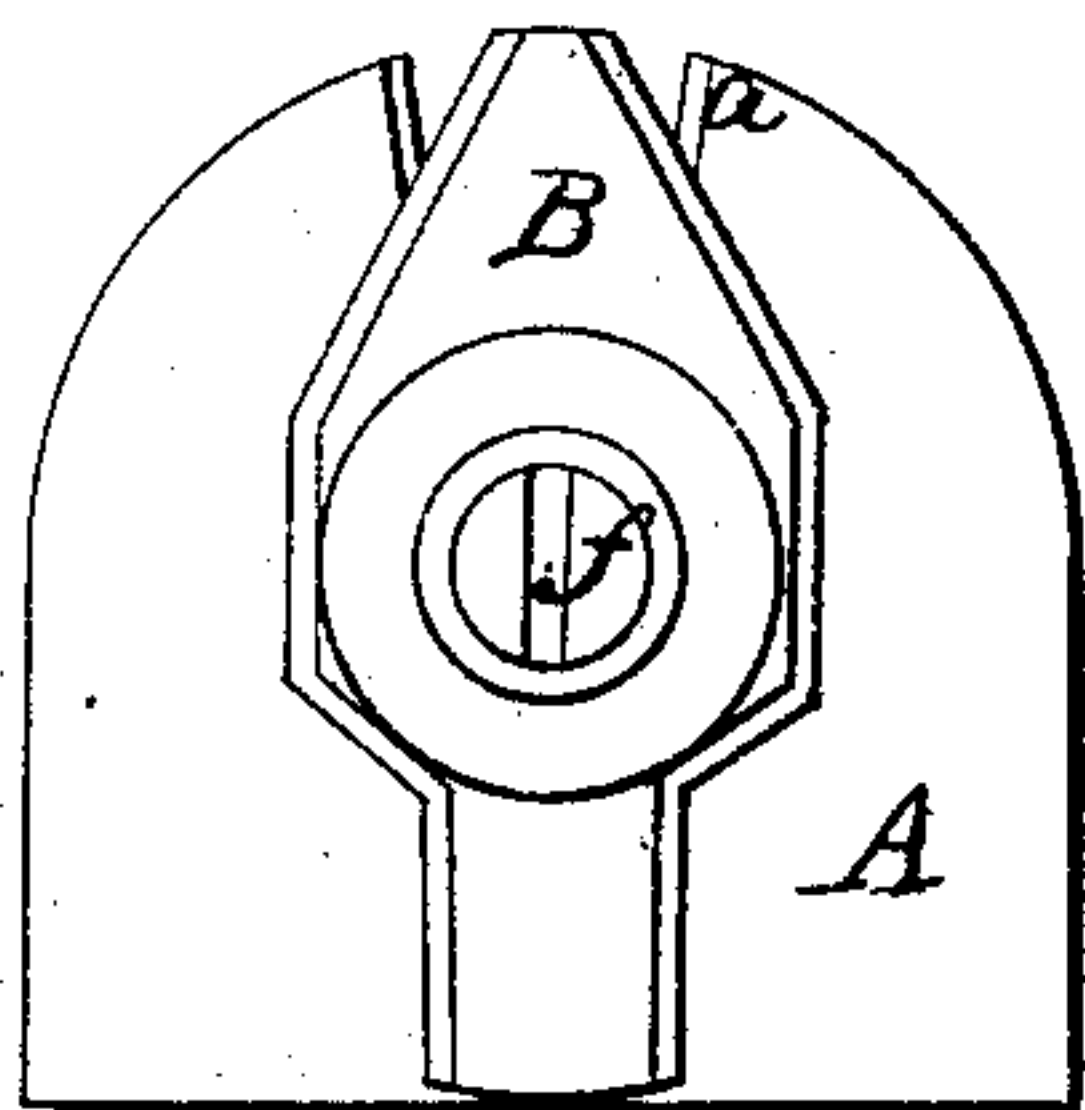


*M. T. Chapman,*  
*Knife and Scissors Sharpener.*  
*N<sup>o</sup> 62,472.      Patented Feb. 26, 1867.*



Witnesses

*A. W. Cox*

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*By his attorney*  
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# United States Patent Office.

MATTHEW T. CHAPMAN, OF GALESBURG, ILLINOIS.

*Letters Patent No. 62,472, dated February 26, 1867.*

## IMPROVED KNIFE AND 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, MATTHEW T. CHAPMAN, of the city of Galesburg, in the county of Knox, and State of Illinois, have invented a new and improved combined Knife and Scissors Sharpener; and I do hereby declare the following to be a full, clear, and exact description of the construction and operation of the same, reference being had to the accompanying drawings, making a part of this specification, in which—

Figure 1 is a rear side view of my improved combined knife and scissors sharpener.

Figures 2, 3, and 4 are front side views of the same, showing the different positions of the sharpening instrument.

Figure 5, a top view.

Like letters in the different figures of the drawings indicate like parts.

My invention relates to the construction of a block of wood or metal, having a semicircular or other suitable shaped top, and provided with an angular open-end metallic box, fitting into an opening made from the top and centre thereof; the side of said block having a peculiar-shaped steel plate attached thereto, and made adjustable by means of a pivot-headed screw, whereby the said plate may be moved in such positions as occasion may require for the sharpening of knives and right or left-handed scissors.

The construction and operation are as follows: A is the block of wood, with a semicircular-shaped top. The block may be of metal if desired. An opening is made down from the centre and top of the block, of a shape and size suitable to receive the angular open-end metallic box *a*. (See clearly fig. 1.) The box in this instance is made of copper. It may be of some other soft metal, of such a nature as will not likely injure the arm of the scissors or knife in drawing the same against its sides across the steel plate or sharpening instrument. B, the steel plate, the shape of which may be seen much better in figs. 2, 3, and 4 than can be described. It is made of an angular or tapering form at one end, and diminished to a straight form at the other end. The edges of the angles and straight part of the plate are chamfered off, and the same tempered to a greater hardness than the edges of a knife or the arms of a pair of scissors, so as to withstand the friction to which the edges of the plate will be subjected in the drawing of the knife or scissors across the same in the operation of sharpening. The plate is fastened to the block, in the centre of it and of the plate, by a pivot-headed screw, *b*. It can be tightened or loosened as may be required for an easy adjustable movement of the plate.

Operation: In the sharpening of a knife, where a short angle is required, the position of the plate is indicated in fig. 2, with the angular or tapering part directly opposite the open-end angular copper box. The knife is placed with its edge in either of the apexes of the two angles thus formed by the relative position of the plate with the box, and drawn across the edges of the plate several times, until sharpened. Where a very fine angle is required, the position of the plate is indicated in fig. 3; the straight part of the plate being directly opposite to the open end of the box; the knife undergoes the same operation as above. If it is desired to sharpen right-handed scissors, the position of the plate is indicated in fig. 4. The arm of the scissors is placed with its bevelled edge resting on the edge of the plate, and the flat side of the arm against the side of the box. In this position it is drawn several times across the edges of the plate until it is ascertained to be sufficiently sharp. The same operation attends the other arm. In the sharpening of left-handed scissors the position of the plate is exactly reversed.

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

The sharpener-plate B, having a V-shaped end, terminating with parallel edges, and thence angularly and inwardly with parallel edges again, and operating in combination with the angular open metallic box *a*, as constructed in the block A, substantially in the manner and for the purpose as herein described.

MATTHEW T. CHAPMAN

Witnesses:

A. T. BOON,

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