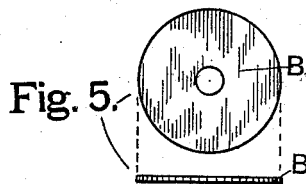
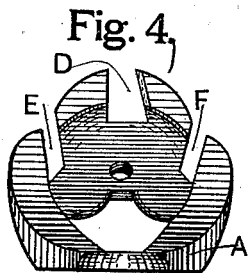
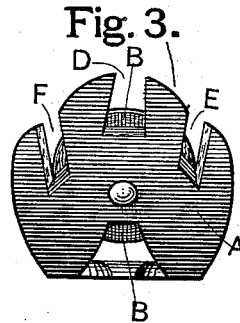
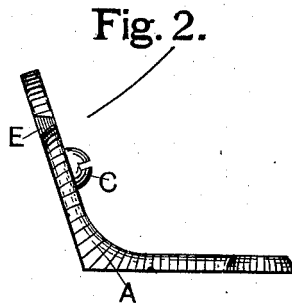
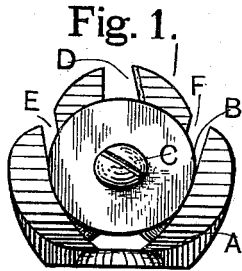


(No Model.)

M. L. HAWKS.  
KNIFE, SCISSORS, OR SKATE SHARPENER.

No. 605,289.

Patented June 7, 1898.



WITNESSES:

*Margaret M. Hawks.*  
*Andrew Lancel*

INVENTOR:

*Moss. L. Hawks.*

# UNITED STATES PATENT OFFICE.

MOSES L. HAWKS, OF CHICAGO, ILLINOIS.

## KNIFE, SCISSORS, OR SKATE SHARPENER.

SPECIFICATION forming part of Letters Patent No. 605,289, dated June 7, 1898.

Application filed October 30, 1897. Serial No. 656,898. (No model.)

*To all whom it may concern:*

Be it known that I, MOSES L. HAWKS, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented a new and useful Device for Sharpening Knives, Scissors, or Skates, of which the following is a specification.

The invention consists in certain novel features of construction hereinafter described, and particularly pointed out in the claim.

Referring to the accompanying drawings, Figure 1 is a front elevation of my improved sharpener. Fig. 2 is a side view of the same. Fig. 3 is a rear elevation of the same. Fig. 4 is a front elevation of the bracket, the sharpening-disk being removed. Fig. 5 is a front and edge view of the disk.

The supporting frame or bracket A, which is angular in form, has a shallow depression in the face side of the upper portion, and into this depression a hardened metal sharpening-disk B is pivotally secured by means of the screw C. The upper portion of the bracket inclines backward at an angle with the base, as shown, and is cut away at the top, forming the aperture D, the object of which is to provide bearings having a different angle and affording a proper guide adapted to the sharpening of scissors and skates. It will be observed that the line of the bracket at one side of this aperture is perpendicular to the base and affords a guide-bearing in sharpening skates. The skate being held to this side the bottom of the skate-iron is brought to bear squarely upon the cutting edge of the sharpening-disk, which very slightly concaves the bottom of the skate in sharpening, as desired. At the opposite side of this aperture the line of the bracket describes an acute angle and serves as a guide in bringing the beveled edge of scissors and shears to bear upon the sharpening-disk at the required angle. The notches E and F at the sides of the bracket incline toward the center and serve as a guide in sharpening knives, the knife being drawn through the notches diagonally across the cut-

ting edge of the disk, first upon one side then upon the other, alternately, thus speedily imparting a thin keen edge to the knife.

Preferably the edge of the sharpening-disk is ground squarely at right angles with the sides, thus producing a sharp cutting edge at each side of the disk, which may then be adjusted and the sides reversed as occasion requires. The disk is fitted into the depression in the face of the bracket, so that the cutting edge of the disk will be in the same plane with the face surface of the guide-bearings of the bracket and which serves to crowd the knife more forcibly upon the cutting edge of the disk, and the disk being supported by the bracket at the angle shown serves to give a draw or shear cut in sharpening the edge of knives, scissors, or skates.

In use the sharpener may be fastened to the wall in a convenient place in the kitchen, or it may be attached to a small block of wood and held in the hand, as preferred.

I am aware that knife and scissors sharpeners have been in use heretofore wherein hardened metal cutting-disks are employed. I do not, therefore, claim the same broadly; but

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

The herein-described sharpener consisting of the bracket, A, having a hardened metal sharpening-disk pivotally secured thereto, the bracket being cut away at the top forming the aperture, D, the line at one side being perpendicular to the base and adapted to the sharpening of skates, and that of the opposite side forming an acute angle adapted to the sharpening of scissors and shears, with the inclined notches at the sides adapted to the sharpening of knives, all substantially as set forth.

MOSES L. HAWKS.

Witnesses:

MARGARET M. HAWKS,  
ANDREW LANCET.