

(No Model.)

J. T. BORDEN.
DEVICE FOR SHARPENING SCISSORS.

No. 592,486.

Patented Oct. 26, 1897.

Fig. 1.

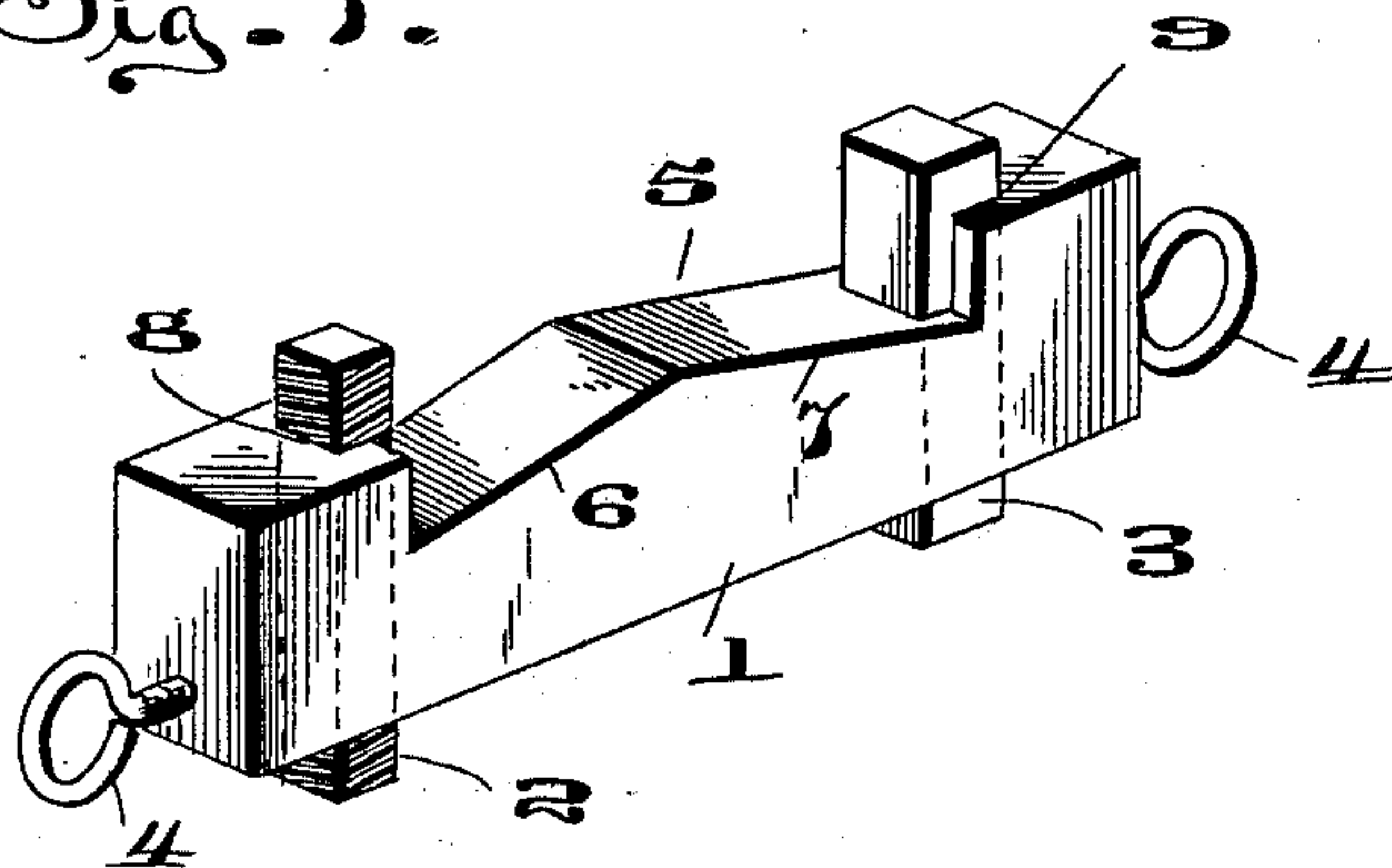
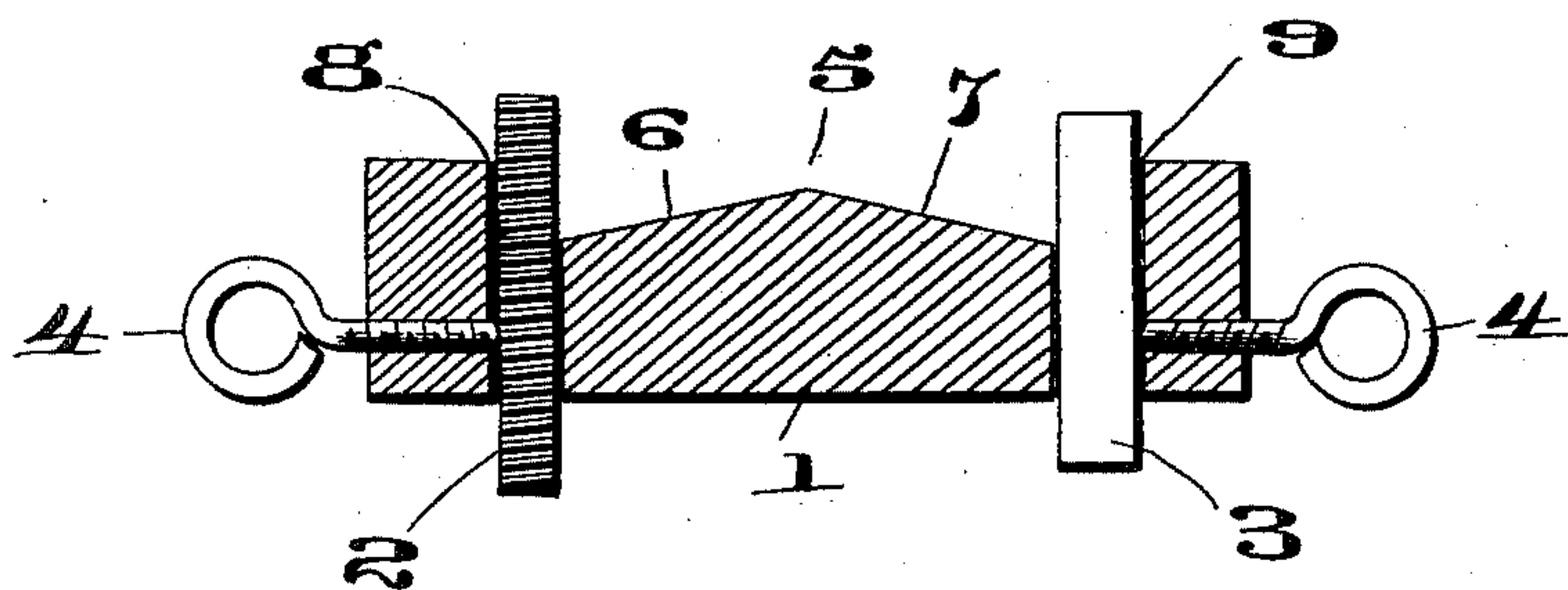


Fig. 2.



WITNESSES

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DEVICE FOR SHARPENING SCISSORS.

SPECIFICATION forming part of Letters Patent No. 592,486, dated October 26, 1897.

Application filed January 19, 1897. Serial No. 619,763. (No model.)

To all whom it may concern:

Be it known that I, JOHN T. BORDEN, a citizen of the United States, residing at Norfolk, in the county of Norfolk and State of Virginia, have invented certain new and useful Improvements in Devices for Sharpening Scissors; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in devices for edging tools and has more particular relation to scissors-sharpeners.

The invention consists of certain novel constructions, combinations, and arrangements of parts, all of which will be hereinafter more particularly set forth and claimed.

In the accompanying drawings, forming a part of this specification, Figure 1 represents a perspective view of the device embodying my invention, and Fig. 2 represents a central vertical section through the same.

Referring now to said drawings, 1 represents the base; 2, the sharpening-file; 3, the whetstone, and 4 the adjusting-screws. The base 1 may be made of any desirable material, but is preferably constructed of metal, and is formed in its upper surface with a recess 5, having its bottom formed into oppositely-facing inclines 6 and 7. Said base 1 is also provided at the intersection of the oppositely-inclined bottoms and the vertical walls with vertical passages 8 and 9. The file 2 is preferably rectangular in cross-section and is applied in a vertical passage 8, so that it projects slightly beyond the vertical wall of the said recess 5. The file is preferably formed upon all four of its sides with cutting-teeth, so that it may be reversed in the passage to bring the respective sides alternately into an operative position. Said file is held in any of its adjusted positions within the passage 8 by one of the adjusting thumb-screws 4, which passes through the base 1 and engages therewith. The whetstone 3 is also preferably rectangular in cross-section and is applied and adjusted in the vertical passage 9 in the same manner as the file 2 in the passage 8. When it is desired to sharpen the scissors-

blade, the same is first rested upon the inclined surface 6 and reciprocated over the same, so that the beveled edge contacts with the file 2. In order to finish the edges of the scissors-blades, they are reciprocated across the face of the whetstone 3, resting upon the incline 7.

It will be observed from the foregoing description that either the file or the whetstone may be reversed in its respective passage in the base, so as to use all of its operating sides successively and thus add greatly to the life of the said file and whetstone. They may be also adjusted vertically, so as to bring different portions of the same side into operative position to be engaged by the edge of the scissors.

By the employment of this device a pair of scissors may be quickly sharpened and brought to a very fine edge in the manner of operation heretofore described.

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

1. In a scissors-sharpener, the combination with a suitable base, provided with a recess having oppositely-facing inclines and vertical walls, of an independent sharpening device of different degrees of fineness, located at the respective intersecting points of the inclines and the vertical walls of the recess, substantially as described.

2. In a scissors-sharpener, the combination with a base provided with vertical passages and a recess having its bottom formed into oppositely-facing inclines, of a file and whetstone applied in the respective vertical passages so as to project into the recess of the base and thumb-screws passing through said base and adapted to engage said file and whetstone respectively to hold the same in their adjusted positions, substantially as described.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

JOHN T. BORDEN.

Witnesses:

W. H. CARTER,
W. B. BORDEN.