

McClintock Young,

Knife Sharpener.

N^o 67,011.

Patented July 23, 1867.

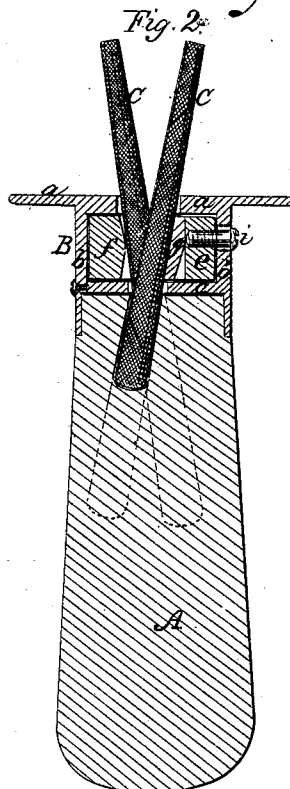
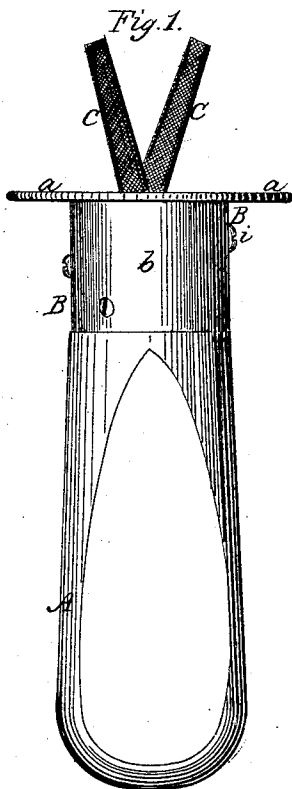


Fig. 3.

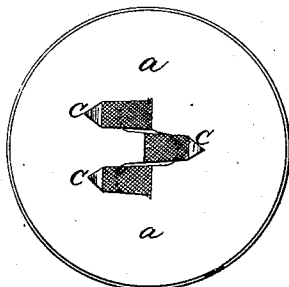


Fig. 4.

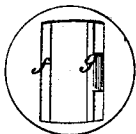
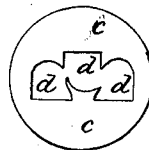


Fig. 5.



Witnesses.

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McCLINTOCK YOUNG, OF FREDERICK, MARYLAND.

Letters Patent No. 67,011, dated July 23, 1867.

IMPROVED KNIFE-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, McCLINTOCK YOUNG, of Frederick, in the county of Frederick, and State of Maryland, have invented certain new and useful Improvements in Knife-Sharpener; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings making a part of this specification, in which—

Figure 1 represents the knife-sharpener in full.

Figure 2 represents a section through the same.

Figure 3 represents an end view; and

Figures 4 and 5; portions of the interior of the sharpener not clearly seen in the section.

Similar letters of reference where they occur in the separate figures denote like parts in all the drawings.

My invention consists in a knife-sharpener in which three common files are arranged to form the abrading surface, and which files are made adjustable in the handle or stock, so that as they become worn or filled up they may be raised, lowered, or turned around to present new surfaces or be removed and replaced by others at small cost, thus making a very enduring knife-sharpener.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings.

A represents a stock or handle, which may be of wood, or metal, or parts of each. On one end of this handle is arranged a metallic head, B, for holding the files C, said handle being chambered or bored out, as shown by dotted lines in fig. 2, so that the files may extend far down into it. The metallic head B is composed mainly of a circular end piece, a, and a socket, b, for setting over the end of the handle or stock A. Within the socket portion b there is a circular plate, c, through which openings, d, fig. 5, are made to allow the files to pass through and be guided and held by. Above the plate c, and under the end piece a, there are bearing-pieces e f, through one of which, e, a set-screw, i, extending to the outside of the socket, passes, its point taking against a jam-plate or follower, g, which is pressed against the files and holds them firmly in the stock or handle. By loosening the screw i the files can be raised, lowered, or turned around to change the surfaces against which the knife is drawn to shapen it. The files are set at an angle in the handle, as shown in figs. 1 and 2, so as to form a fork or crotch, through which the edge of the knife is drawn, there being one file edge on one side or two on the other, when three only are used. More than three can be used, and two may be so inclined and crossed as to serve the purpose; but I prefer to use three, as shown, and ordinary three-cornered files, though round or flat ones may be used. I use files for the purpose, because it is the cheapest form in which that kind and quality of abrading or reducing surfaces can be got. The obliquity or inclination of the files may be adjusted so as to touch and take off more or less of the sides of the knife at its edge as may be preferred.

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

A knife-sharpener in which files are used for the abrading or reducing surfaces, and which files are adjustable therein, so as to present new surfaces when the others are worn out or become clogged, substantially as described.

McCLINTOCK YOUNG.

Witnesses:

JNO. H. POPE,

J. M. HARDING.