

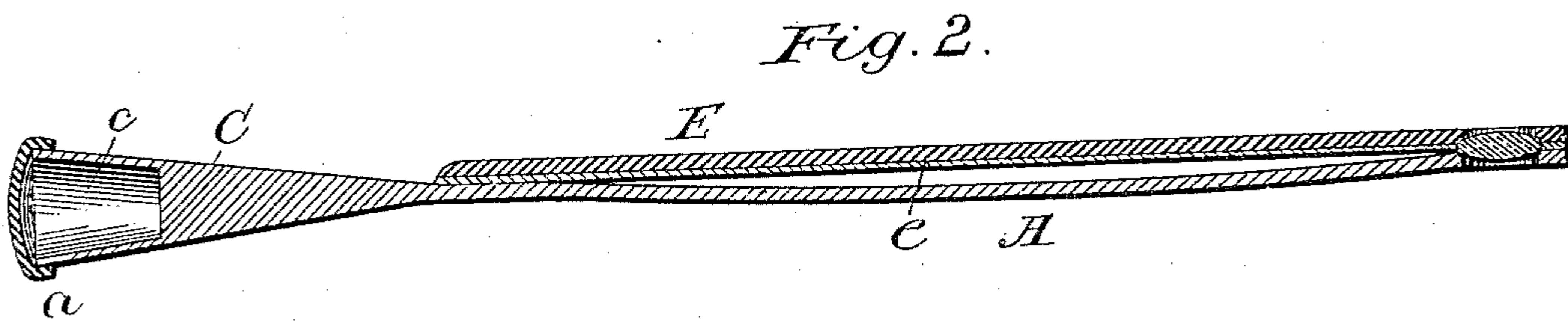
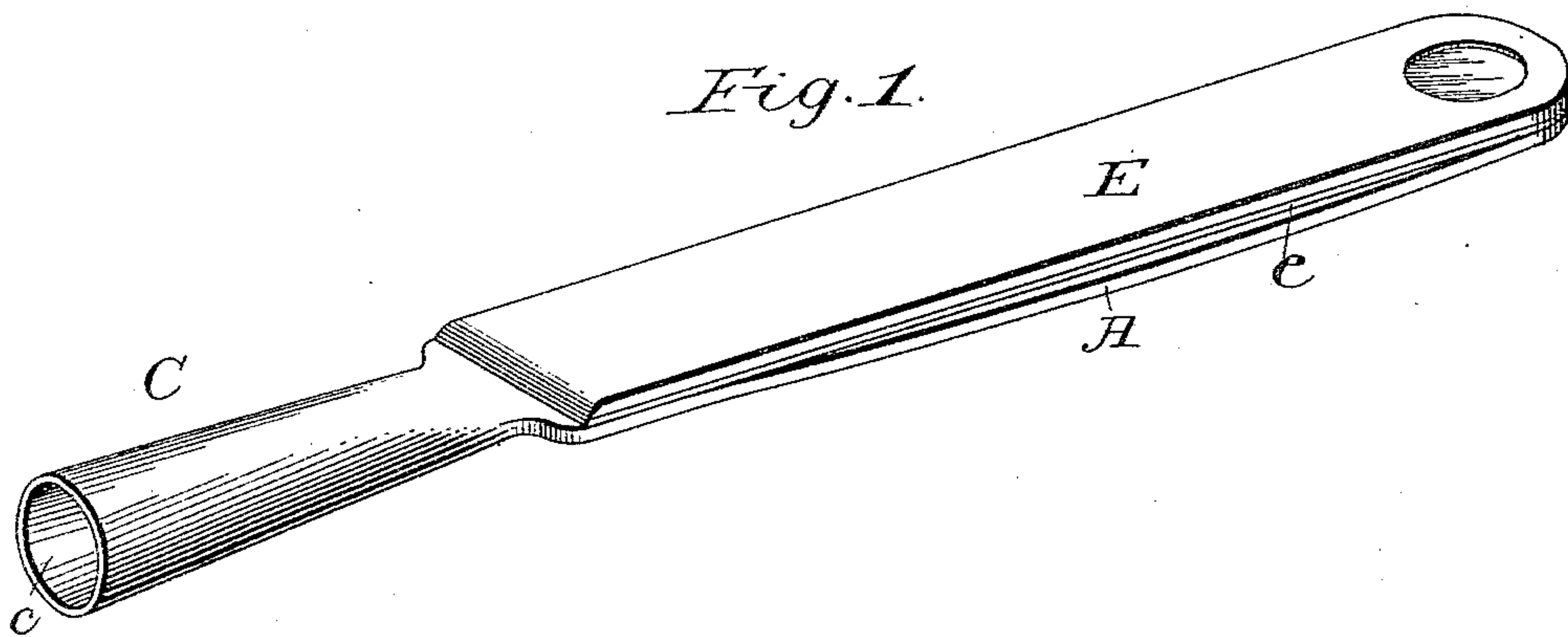
(No Model.)

J. T. WARREN.

RAZOR STROP.

No. 331,853.

Patented Dec. 8, 1885.



Witnesses:  
L. H. Collins.  
J. H. Decker

Inventor:  
Jabez T. Warren  
By G. W. Lord atty.

# UNITED STATES PATENT OFFICE.

JABEZ T. WARREN, OF LE ROY, NEW YORK.

## RAZOR-STROP.

SPECIFICATION forming part of Letters Patent No. 331,853, dated December 8, 1885.

Application filed May 20, 1885. Serial No. 166,212. (No model.)

*To all whom it may concern:*

Be it known that I, JABEZ T. WARREN, a citizen of the United States, residing at Le Roy, in the county of Genesee and State of New York, have invented a new and useful Improvement in Razor-Strops, of which the following is a specification.

My invention relates to improvements in razor-strops in which the hone and finishing surfaces are used in conjunction; and the objects are, first, to provide a metallic hone slightly curved from heel to point, to be used in connection with an abrading compound; second, to facilitate the operation of sharpening razors by attaching to the hone a yielding polishing-surface; and, third, to supply the strop with a magnifying-lens, so as to enable the operator to institute a critical examination of the work as it progresses. I attain these objects by the mechanism illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view of the hone with the cap of the handle removed to show the cavity for holding the abrasive compound. Said figure also shows the magnifying-lens in position. Fig. 2 is a longitudinal sectional view taken through the face-center of the strop, showing the location of the several parts.

Similar letters refer to similar parts throughout the several views.

A represents the curved steel hone; C, the handle, and *c* the cavity in the end of the same for holding the abrading compound.

I purpose to make application for a patent for an abrading-paste which may be spread upon the hard steel surface of the hone A, which will materially aid in the attrition upon the cutting part of the razor. *d* is a metallic cap for closing the orifice of the paste-cavity to prevent any foreign mixture from entering into its composition. E is the leather finishing-hone firmly secured to the metallic back *e*, while both pieces E and *e* are secured at their ends upon the concave side of the steel blade A. This finishing-hone is of the same surface dimensions as the steel part, and is provided with a metallic back of thin material—such as tin—upon which the leather is cemented while in a stretched condition, so

that when the ends of the tin and leather are secured to either end of the curved steel hone the leather backed by the tin, by being in a straight line across the curve, will form a yielding hone, which is found to be of advantage for the purpose of putting a fine cutting-edge upon the razor or other implement.

In honing a razor it often happens that the edge becomes slightly turned or made ragged by overhoning, or otherwise, which of course causes the implement to do imperfect work, yet the imperfections are so slight that they are unobservable to the naked eye. To remedy this result I have devised a method of inserting a double convex lens, F, in one of the ends of the strop, (out of the way,) which so magnifies any object brought within range that the parts can be minutely and quickly examined at any stage of sharpening, and thus enable the operator to continue work until a fine edge is produced, and to cease operations before the edge is turned or made ragged. The orifice in the steel (for mounting the lens) is countersunk upon the inside, within which the lens is placed, and is there held between the leather and metal by cementing the parts together.

To make my hone more effective than would otherwise be done, (by the use of the ordinary abrading-mixture,) I have compounded an attrition-paste which I purpose to make the subject of another application; hence I will not describe it at this time, but reserve the right to patent at some future period.

Having now described my invention, what I desire to secure by Letters Patent is—

A razor-strop consisting of the magnifying-lens, the longitudinally-curved blade, the handle, the paste-receptacle in the handle, and the leather finishing-hone secured to the thin metallic base, the same being fastened to the ends of the curved blade, upon the concave side thereof, all these parts arranged and operating substantially as shown, and herein described.

JABEZ T. WARREN.

Witnesses:

RANDOLPH BALLARD,  
WILLIAM R. CROFOOT.