

W. WEBSTER.
Sole-Edge Trimmers.

No. 146,036.

Patented Dec. 30, 1873.

Fig. 1.



Fig. 2.

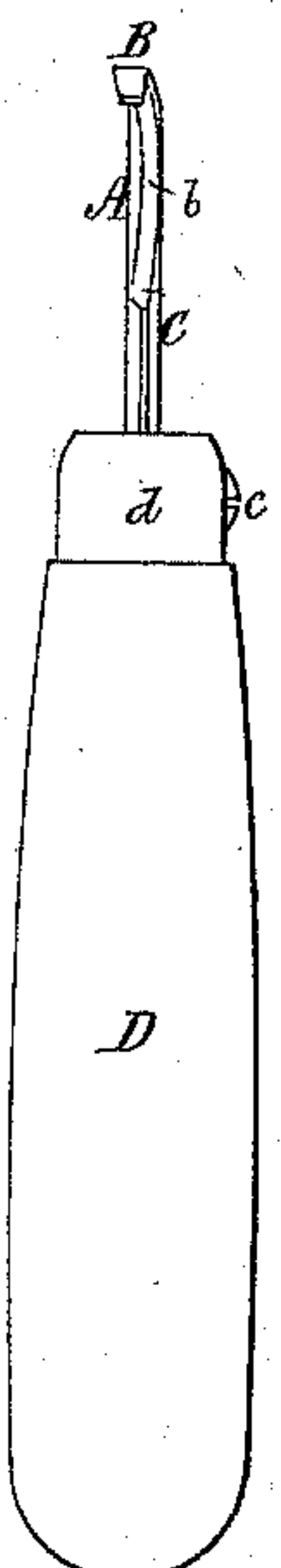


Fig. 3.

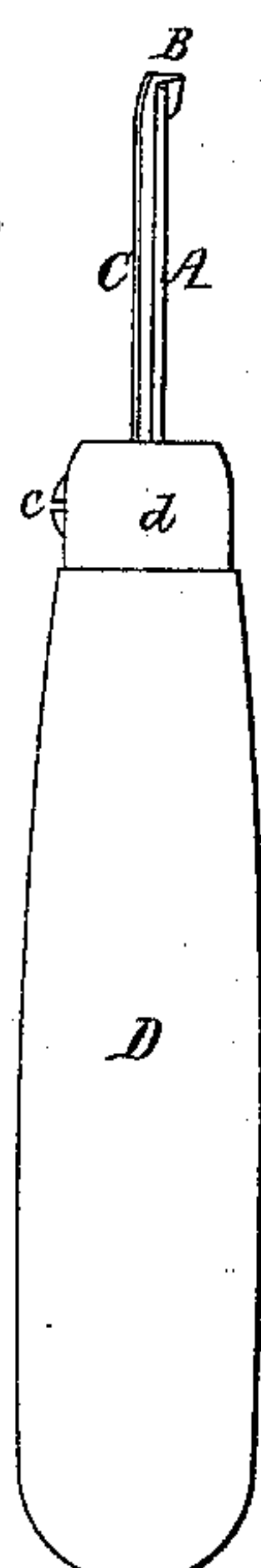


Fig. 4.

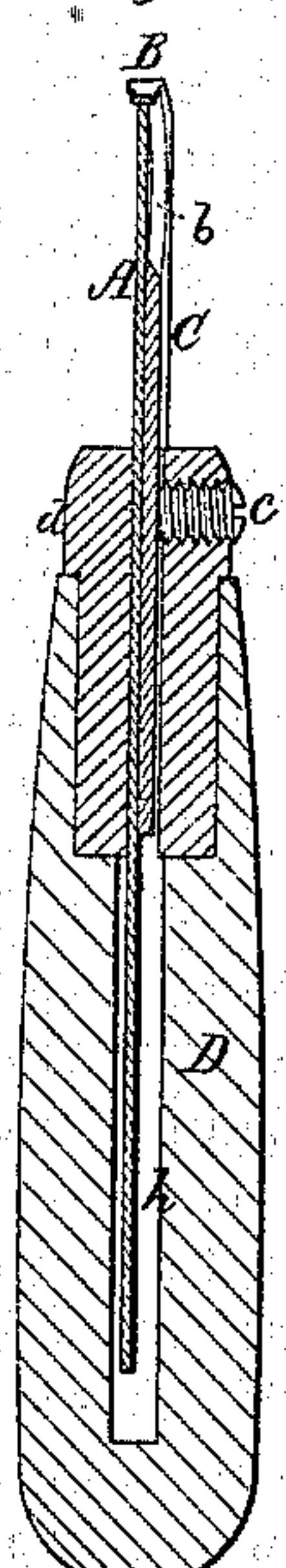
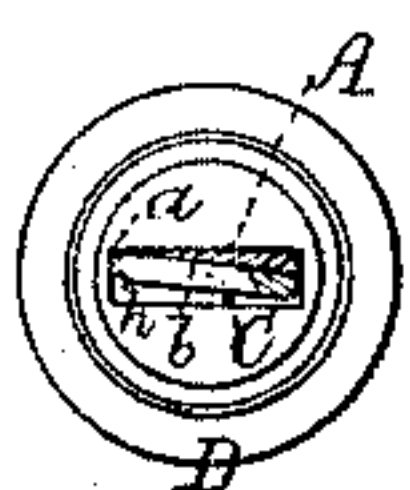


Fig. 5.



Witnesses

S. N. Piper.

L. N. Hilder.

Wilbur Webster

by his attorney.

R. H. Eady

UNITED STATES PATENT OFFICE.

WILBUR WEBSTER, OF EAST JAFFREY, NEW HAMPSHIRE.

IMPROVEMENT IN SOLE-EDGE TRIMMERS.

Specification forming part of Letters Patent No. 146,036, dated December 30, 1873; application filed December 3, 1873.

To all whom it may concern:

Be it known that I, WILBUR WEBSTER, of East Jaffrey, of the county of Cheshire and State of New Hampshire, have invented a new and useful Improvement in Sole-Edge Trimmers; and do hereby declare the same to be fully described in the following specification and represented in the accompanying drawings, of which—

Figure 1 is a side elevation; Fig. 2, a front-edge view; Fig. 3, a rear-edge view; Fig. 4, a longitudinal section of one of my improved sole-edge trimmers. Fig. 5 is a transverse section of the blade and the beveled shank of the guard.

In such drawings, A denotes a common shoe-knife blade, having its upper end arranged at an obtuse angle with the cutting-edge *a*. There is applied to such end, so as to overlap and extend beyond it, in manner as shown, a lip or guard, B, which also stands at an obtuse angle with the said cutting-edge *a*, and projects from a carrier, C, which is curved and beveled on its edge next the edge *a*, in manner as shown at *b*. Both the carrier and the knife-blade, arranged side by side, are inserted within the handle D, and held in place therein and together by means of a set-screw, *c*, screwed into the ferrule or cap *d* of the handle. The handle is made with a socket, *h*, to receive the knife-blade and the shank or carrier of the guard, so that such blade and shank may be slid together or separately within the socket, and the two be held fast in the handle by the set-screw.

The advantage of this adaptation of the guard and the blade to the handle over a guard having its carrier to slide upon the blade without going into the handle, and to be fastened to the blade by a set-screw, as in the United States Patent No. 75,602, to which I make no claim, will readily be seen, for my construction of blade and guard-carrier and application of them to the handle, prevent all dulling of the

edge of the blade by the guard-carrier, and admit of both the blade and the guard being adjusted to such a degree of extension from the handle as may best accommodate a party while using, or who may have occasion to use the implement. Furthermore, the carrier C serves to protect the thumb of the party from being cut by the blade, as it is liable to be when a stationary blade is used with the handle, and the carrier slides upon such blade, and is fastened to it by a set-screw, as in said patent, for in such case the cutting-edge between the handle and the carrier is exposed, and has nothing to prevent the thumb of the shoemaker from becoming accidentally cut by it.

In using the implement to trim the edge of a sole, the guard rests on the upper surface of the sole, and goes between it and the vamp or upper leather, and protects the latter from being cut by the knife. Furthermore, by the guard being disposed at an obtuse angle to the cutting-edge of the blade, the latter, while cutting, stands obliquely to the upper surface of the leather, and cuts through it with a slight drawing stroke, or to better advantage than would be the case were the knife-edge to be at right angles with the leather. Furthermore, by having the front edge of the carrier curved and beveled, as shown, the chip, as it forms, will be turned or deflected over the shank of the carrier in a manner not only to facilitate the cutting operation, but to prevent the carrier from becoming an obstacle to the movement of the knife into the sole.

I claim—

The guard B and its beveled edge-carrier C, and the knife-blade A, constructed and arranged together and within the handle D, and supported therein by a set-screw screwed into it, all as shown and described.

WILBUR WEBSTER.

Witnesses:

C. A. PARKS,
J. B. SHEDD.