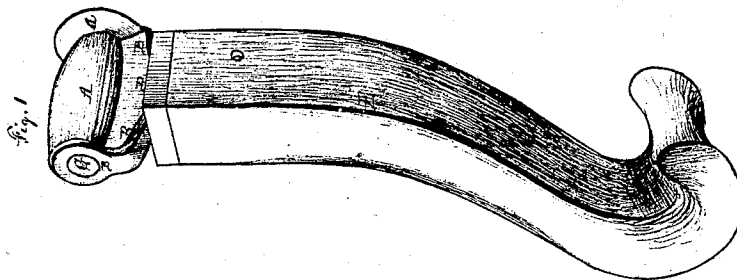
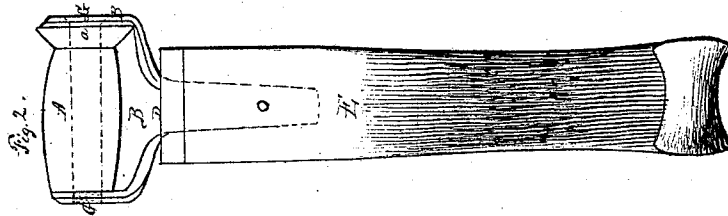
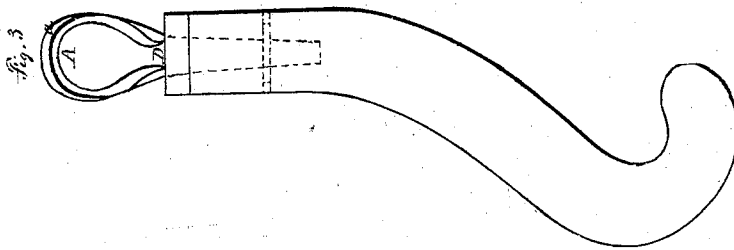
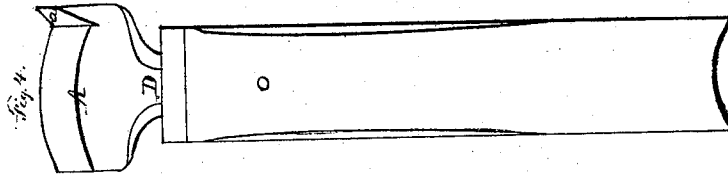


M. Burnham,

Heel Burnisher.

No. 106,657.

Patented Aug. 23. 1870.



Witnesses.

J. E. Maynard
Chas. P. Sleeper.

Inventor.

Moses Burnham^{2d}

United States Patent Office.

MOSES BURNHAM, 2D, OF WENHAM, MASSACHUSETTS.

Letters Patent No. 106,657, dated August 23, 1870.

IMPROVED HEEL-BURNISHER.

The Schedule referred to in these Letters Patent and making part of the same

I, MOSES BURNHAM, 2D, of Wenham, in the county of Essex and State of Massachusetts, have invented certain Improvements in Heel-Burnishers, of which the following is a specification, when taken in connection with the accompanying drawing, in which—

Figure 1 is a perspective view of one form of my improved burnisher;

Figure 2 is a side view of the same; and

Figures 3 and 4 represent another form of my improved burnisher.

The first part of my invention consists in applying a lip to the common burnisher in such a manner that the edge of the top-lift of the heel shall not be injured when the heel is burnished.

The second part of my invention consists in making the burnisher cylindrical and securing it in a forked shank, by means of a screw passing through both forks of the shank and through the burnisher, so that the burnisher may be held firmly and supported at each end, and at the same time admit of being revolved when the screw is loosened.

In figs. 1 and 2, A is the burnisher, mounted in bearings B B by means of the screw C, which, when tightened, presses the burnisher between the two bearings, and thus prevents the burnisher from turning, and, when loosened, allows the burnisher to be turned in order to bring an unworn surface into use. The bearings B B are formed, as shown, with a shank, D, which fits into the handle E, in which it is held by a pin.

In figs. 3 and 4 the burnisher A is formed, as shown, with a shank, D, which fits into the handle E, and does not differ from figs. 1 and 2, except that it has but one working-surface.

Heel-burnishers as heretofore made have been constructed like figs. 3 and 4 except in two respects: they had no lip, *a*, and the curve of their surfaces joined the straight line of their sides, so as to form a corner. Owing to the absence of a lip, *a*, the edge of the top lift is defaced when the heel is burnished, and requires to be rubbed over to restore it. The object of this part of my invention is to remedy this objection.

The old form of heel-burnisher was provided with an angular notch on one side, which was used to restore the defaced edge of the top piece. The necessity of this notch is obviated by this part of my invention, and the notch forms, consequently, no part of my improved burnisher.

The corner in the old form of burnisher is also objectionable, as, unless the burnisher is held properly, this corner will come against the heel and deface it, which not unfrequently happens, chiefly through the carelessness of the workman.

I prefer to make my burnisher cylindrical or semi-cylindrical, as in figs. 3 and 4, in order to obviate this difficulty.

The form of burnisher shown in figs. 3 and 4 embodies only the first part of my invention, while the form shown in fig. 1 embodies both the first and second part of my invention; but it is obvious that a burnisher may be constructed which will embody only the second part. I prefer to make the lip in one solid piece with the burnisher, but it may be made separate.

I am aware that sole-burnishers have heretofore been made cylindrical, and also that a sole-burnisher has been so divided that one portion of the burnishing-surface was upon a disk and the other portion upon the side of a shank, the disk and shank being held together by means of a screw; but I do not claim either of those features as applied to a heel-burnisher.

I claim as my invention—

1. A heel-burnisher, having a lip, *a*, when constructed in the manner and for the purpose specified.
2. A cylindrical heel-burnisher, mounted in forked bearings by means of a screw, and so that one fork shall be on each end of the burnisher, when constructed in the manner and for the purpose specified.

MOSES BURNHAM, 2D.

Witnesses:

J. E. MAYNADIER,
CHAS. F. SLEEPER.