

T. HARRINGTON.

Awl-Hafts.

No. 148,053.

Patented March 3, 1874.

Fig. 1

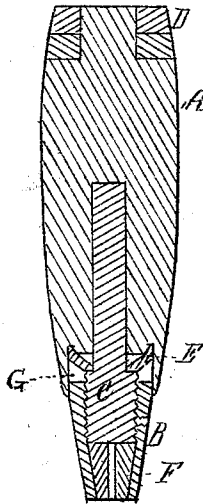


Fig. 2



Witnesses
O. T. Garay
H. E. Metcalf

Inventor,
Theodore Harrington,
By C. A. Shaw,
Atty.

UNITED STATES PATENT OFFICE.

THEODORE HARRINGTON, OF SOUTHBRIDGE, MASSACHUSETTS.

IMPROVEMENT IN AWL-HAFTS.

Specification forming part of Letters Patent No. **148,053**, dated March 3, 1874; application filed January 19, 1874.

To all whom it may concern:

Be it known that I, THEODORE HARRINGTON, of Southbridge, in the county of Worcester, State of Massachusetts, have invented a certain new and useful Improvement in Awl-Hafts, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which my invention appertains to make and use the same, reference being had to the accompanying drawing forming a part of this specification, in which—

Figure 1 is a vertical section of my improved awl-haft. Fig. 2 is a view of the serrated brace.

Like letters refer to like parts in the different figures of the drawing.

My invention relates to that class of awl-hafts in which the awl is secured or held in a split socket; and consists in a base-bolt provided with a shoulder and serrated brace, as hereinafter more fully set forth, the object being to prevent loosening of the bolt and splitting of the handle, which is very liable to occur when the brace is not used.

In Fig. 1, A is the body or handle, provided with the leather hammer-rings D at its upper end, the opposite or lower end being turned out or bored to form a socket, G, for the reception of the chuck mechanism of the haft, consisting of the base-bolt C, cap B, cones F, and brace E. The cap B is in form a hollow conical frustum, threaded interiorly at the base to fit a corresponding screw formed on the outer end of the bolt C. The brace E is a

dish-shaped piece of metal, provided with a central aperture, through which the bolt C passes, and a serrated or toothed rim, as shown in Fig. 2. The parts F, B, C, A, and D are all constructed, arranged, and operate as usual in hafts of this character, except that the bolt C is provided with a shoulder immediately below its screw, which rests upon the serrated brace E. The teeth on the rim of the brace prevent it from becoming loose, or rotating or turning on the bolt, and enables it to be forced farther into the wood than a plain brace can be forced when the bolt is driven to its proper position in the haft, as shown in Fig. 1.

From the foregoing, it will be seen that a prying or lateral strain on the awl from whatever cause will fall largely upon the bolt C, which, in hafts of the ordinary construction, soon becomes loose in the handle A, causing it to split and rendering it worthless. In my improved haft this is obviated by the brace E, which, being firmly embedded in the wood of the handle, relieves it of all lateral strain brought to bear through the bolt C, thus preventing the handle from splitting.

Having thus described my invention, what I claim is—

An awl-haft provided with the serrated brace E, substantially as and for the purpose described.

THEODORE HARRINGTON.

Witnesses:

THEODORE JEROME HARRINGTON,
ISAAC P. HYDE.