M. A. BARTLETT.

AWL-HAFTS.

No. 194,068. Patented Aug. 14, 1877.

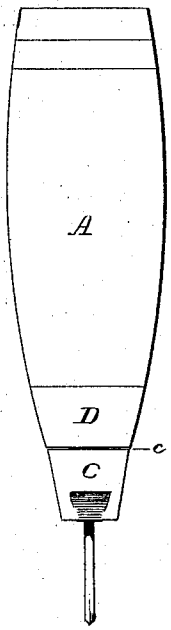


FIG. 1.

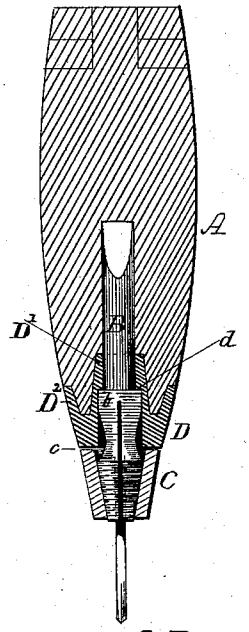


FIG. 2.

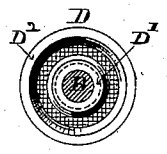


FIG. 3.

Witnesses.

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UNITED STATES PATENT OFFICE.

MELZAR A. BARTLETT, OF WORCESTER, MASSACHUSETTS.

IMPROVEMENT IN AWL-HAFTS.

Specification forming part of Letters Patent No. **194,068**, dated August 14, 1877; application filed May 19, 1877.

To all whom it may concern:

Be it known that I, MELZAR A. BARTLETT, of the city and county of Worcester, and State of Massachusetts, have invented certain new and useful Improvements in Pegging-Awl Hafts; and I declare the following to be a description of my said invention, sufficiently full, clear, and exact to enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 represents a side view of an awl-haft made in accordance with my invention; Fig. 2, a central vertical section of the same, and Fig. 3 a plan view of the re-enforce piece.

My invention consists in a haft or handle for pegging-awls, the parts of which are constructed and combined in the peculiar manner hereinafter described.

In the drawings, A denotes the wooden portion of the haft; B, the split chucking-spindle, wherein the awl is held by the aid of the conical nut C, screwed onto its tapered threaded end, in the ordinary manner, and D indicates a metal re-enforce for sustaining the strain and shock of the hammer-blow and protecting the wood portion A from injurious wear. The metal re-enforce D is formed solid or in a single piece, and is made with a central projection or sleeve, D^1, which extends up into the wood A, around the spindle or shank B, as shown in Fig. 2, and also with an upward flange or rim, D^2, at its periphery, which flange is fitted to and embraces the lower end of the wood around its exterior, the end of the wood being fitted to extend down between the sleeve D^1 and flange D^2, and rest squarely and firmly against the top surface of the metal.

The re-enforce piece D is provided with an internal shoulder, *d*, and the spindle B, which is turned to fit the interior of the sleeve D^1 at its upper part, is also provided with an offset or shoulder, *b*, that rests against the shoulder *d*, and sustains the strain when driving the awl, thus preventing the splitting of the wood by long use, or the forcing of the spindle up into the handle, so that the nut C will crowd against its lower end at *c*.

The shoulders *b* and *d* are arranged high up within the re-enforce piece D, so that the strain is exerted on the solid part of the spindle, while below the shoulder *b* the spindle B is turned down or relieved by a surrounding space, so that the split ends are free to expand without striking the corner of the re-enforce when the nut C is loosened or removed.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination, with the wood body A and split spindle B, formed with an offset or shoulder, *b*, of the re-enforce piece D, having central projection D^1, internally shouldered at *d*, and outer rim or flange D^2, for embracing the wood, substantially as and for the purposes set forth.

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Witnesses:

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