

G. K. MELLOR.

Awls.

No. 134,214.

Patented Dec. 24, 1872.

Fig. 1

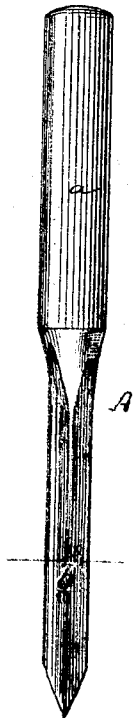


Fig. 3.

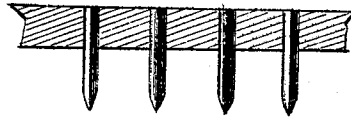


Fig. 4.

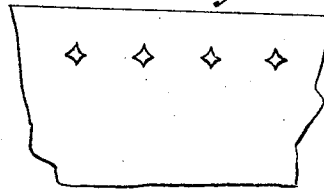


Fig. 2.



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UNITED STATES PATENT OFFICE.

GODFREY K. MELLOR, OF WOONSOCKET, RHODE ISLAND.

IMPROVEMENT IN AWLS.

Specification forming part of Letters Patent No. 134,214, dated December 24, 1872.

To all whom it may concern:

Be it known that I, GODFREY K. MELLOR, of Woonsocket, in the county of Providence and State of Rhode Island, have invented a new and Improved Awl, of which the following is a specification:

Figure 1 represents a side view of my improved awl. Fig. 2 is a transverse section of the same. Fig. 3 is a side view of some pegs fitted through leather which is perforated by my improved awl, and Fig. 4 is an end view of the same.

Similar letters of reference indicate corresponding parts.

This invention relates to a new form of awl to be used on leather of every kind for boot and shoe making, harness-making, and other purposes; and has for its object, by the shape of the awl, to facilitate its passage through the leather, and increase the amount of surface within the leather for contact with the peg or sewing-thread, thereby insuring a more firm detention of the latter.

A in the drawing represents my improved awl. Its shank or upper part *a* is shaped so as to be fitted into a handle, or into machinery

for use by hand, or on a machine. The lower part *b* of the awl is made with two or more sides, each side being grooved, as shown in Fig. 2. The grooves extend to the pointed end. By being thus grooved the awl forms several sharp edges at its sides which cut easily through the leather, and which, therefore, make it easier to use the improved awl than the awls in common use. The holes formed through the leather by this awl will be star-shaped, and the pegs or threads forced into them will, more or less, assume the same form, as indicated in Fig. 4. The retaining and contact surfaces in the leather being thus increased, it is plain that the pegs or threads will be more firmly held in place.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent, is—

As a new article of manufacture, the awl having two (2) or more of its sides grooved, as shown and described.

GODFREY K. MELLOR.

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