

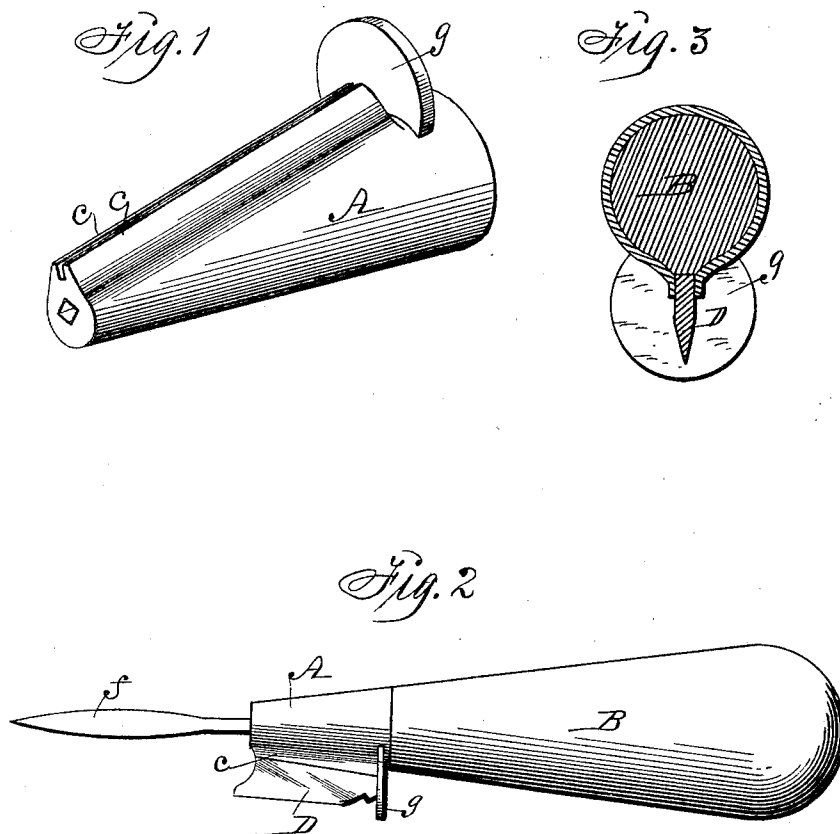
No. 699,794.

Patented May 13, 1902.

E. EDWARDS.
FERRULE FOR AWL OR KNIFE HANDLES.

(Application filed Dec. 19, 1901.)

(No Model.)



Witnesses:
L. H. Orwig.
Charles E. Corbett

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UNITED STATES PATENT OFFICE.

EZRA EDWARDS, OF WEBSTER CITY, IOWA.

FERRULE FOR AWL OR KNIFE HANDLES.

SPECIFICATION forming part of Letters Patent No. 699,794, dated May 13, 1902.

Application filed December 19, 1901. Serial No. 86,503. (No model.)

To all whom it may concern:

Be it known that I, EZRA EDWARDS, a citizen of the United States, residing at Webster City, in the county of Hamilton and State of Iowa, have invented a new and useful Ferrule for an Awl or Knife Handle, of which the following is a specification.

My object is to save time and reduce cost in making harnesses, boots and shoes, and other articles of manufacture in which an awl is used by hand for making perforations to admit thread, as required in forming stitches for sewing parts together.

My invention consists in a ferrule adapted for connecting an awl and a knife and guard with a handle in such a manner that when a waxed thread has been used for sewing overlying parts of leather or other flexible material together and the thread is to be cut off the knife can be advantageously used for severing the thread without releasing the handle from the hand and laying down the awl and taking up a knife, as has heretofore been necessary when sewing and using an awl for making perforations for the passage of a thread.

In the accompanying drawings, Figure 1 is an enlarged perspective view of a ferrule adapted for fixing an awl and a knife and guard to a handle. Fig. 2 shows the ferrule, the knife, and awl rigidly connected with the end of a handle, as required for practical use. Fig. 3 is an enlarged transverse sectional view on the line *x x* of Fig. 2.

The letter A designates a metal ferrule of tapering form, adapted to be fixed on the end of a wooden handle B. It has integral parallel ribs *c*, that produce a longitudinal groove adapted to admit the back edge of a knife D

to be fixed in the groove, as shown in Fig. 2. The small end of the ferrule is closed and has an aperture in its center to admit the end or shank of an awl *f* to be extended through the aperture and fixed in the ferrule and wooden handle, as required for practical use.

A metal guard *g* is formed on or fixed to the rear and large end portion of the ferrule and the ribs *c* to project at right angles relative to the rear end of the knife D in such a manner that it will protect a person's hand from contact with the knife.

It is obvious that in the practical use of the awl and knife thus connected with the ferrule and handle and guard a person does not need to release the hold of the handle for alternately using the awl and the knife and that consequently the labor of making and repairing by means of an awl can be facilitated by the use of my invention.

Having thus described the purpose and construction of the invention, its practical utility will be readily understood by persons familiar with the art to which it pertains, and what I claim as new, and desire to secure by Letters Patent, is—

A tapering metal ferrule closed at its small end and provided with an aperture in the center of the closed end and two parallel longitudinal ribs on its outside to produce a groove and a guard projecting at right angles from the inner ends of the ribs and groove, for the purposes stated.

EZRA EDWARDS.

Witnesses:

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