(No Model.)

J. R. WOODROUGH.

SAW HANDLE.

No. 272,007. Patented Feb. 6, 1883.

Fig. I.

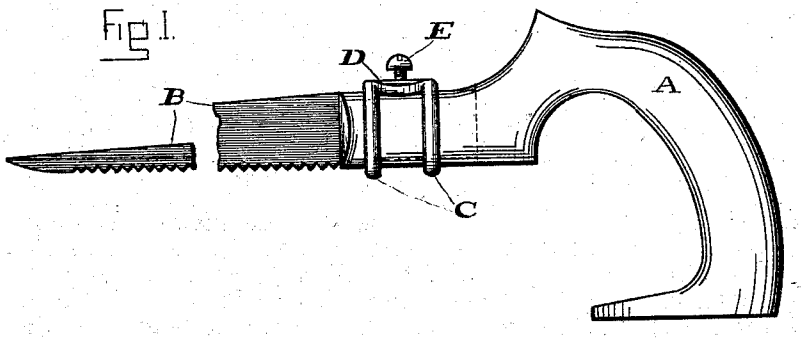
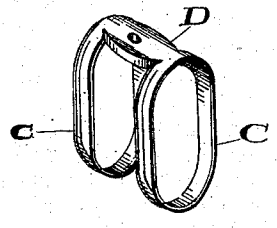


Fig. II.



ATTEST

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UNITED STATES PATENT OFFICE.

JAMES R. WOODROUGH, OF CINCINNATI, OHIO.

SAW-HANDLE.

SPECIFICATION forming part of Letters Patent No. 272,007, dated February 6, 1883.

Application filed August 10, 1882. (No model.)

To all whom it may concern:

Be it known that I, JAMES R. WOODROUGH, a citizen of the United States, residing at Cincinnati, county of Hamilton, State of Ohio, have invented certain new and useful Improvements in Saw-Handles, of which the following is a specification.

This invention relates particularly to handles for key-hole saws. Its object is a cheap, secure means to readily attach and detach the blade and handle, and which will also serve to strengthen the handle and prevent it from splitting.

In the accompanying drawings, in which like parts are represented by similar reference-letters in both views, Figure 1 is a side elevation of key-hole saw provided with my improved blade removable fastening device. Fig. 2 is a perspective view, drawn to about full size, of my fastening-clip detached from the handle and having the tightening-screw removed.

A represents the common wooden handle, slotted back, as usual, from the forward end to dotted line *a* to receive the ordinary blade, B, which is pushed back to the end of the slot. The removable fastening-clip consists of two rings, C C, which are united by a web, D, the whole being made in one piece, and preferably of cast malleable metal. The web D is perforated and tapped to receive the fastening-screw E. When the blade is inserted in the handle A and the clip pushed back over the end of the handle, as seen in Fig. 1, the screw E is tightened down upon the top edge of the blade, and, the screw being greater in diameter than the slot in the handle, it will embed itself slightly in the wood and hold the clip in place upon the handle, while holding the blade firmly between the rings C and the end of the screw.

I am aware that it is not new to provide a saw-handle with a permanently-fixed ferrule having a set-screw to clamp the blade to the handle. This arrangement requires that the end of the saw-handle be specially constructed to fit the ferrule, and in the event of the handle being broken the ferrule is thrown away. By my improvement I am enabled to use any saw-handle of ordinary construction as it comes from the factory, either before or after it is provided with transverse bolt-holes; and I am also enabled to use any ordinarily-constructed saw-blade, and should either the blade or the handle be broken the broken member can be readily replaced by a new one, as, with my removable fastening-clip, neither the blades or handles require special preparation, as they did to be used with the fixed ferrules heretofore known.

I claim as my invention—

The combination, as specified, of the handle A and blade B, with the removable fastening-clip consisting of rings C C, web D, and tightening-screw E.

JAMES RICHARD WOODROUGH.

Witnesses:

HARRY L. LEE,

ALFRED B. BENEDICT.