A. S. PENNINGTON.
Tool-Handle.

No. 210,555. Patented Dec. 3, 1878.

Fig. 1.

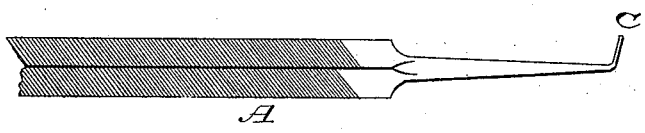

Fig. 2.

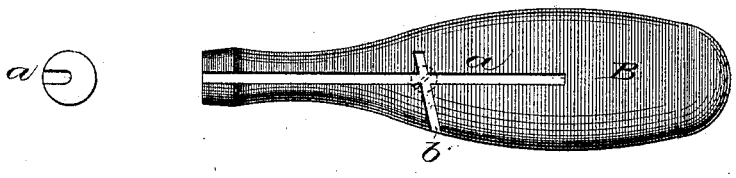

Fig. 3.

Witnesses:

W. H. Williams

William McSmith

Inventor:

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UNITED STATES PATENT OFFICE.

AARON S. PENNINGTON, OF PATERSON, NEW JERSEY.

IMPROVEMENT IN TOOL-HANDLES.

Specification forming part of Letters Patent No. **210,555**, dated December 3, 1878; application filed October 29, 1878.

To all whom it may concern:

Be it known that I, AARON S. PENNINGTON, of Paterson, in the county of Passaic and State of New Jersey, have invented certain new and useful Improvements in Files and Tool-Handles; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

Figure 1 is a view of the tool and its bent tang. Fig. 2 is a view of the slots in the handle. Fig. 3 is a view of the fastening-screw.

The object of my invention is to produce a handle and tool so made that when used together the tool will be fixed rigidly in the handle, at the same time not to be expensive to make or unwieldy to use.

My invention consists in bending the tang or handle end of the file or tool about one-quarter of an inch from the end, and in making a handle with a longitudinal slot running parallel to its length to about the middle, also a slot crossing the first-mentioned one at about the length of the tang from the end of the handle.

The operation of this arrangement is as follows: The bent end of the tang can be inserted in the longitudinal slot and pushed up until it reaches the cross-slot, when it can be turned or twisted on its axis, thus locking and preventing the file or tool from coming out of the handle. A screw may be used at the junction of slots as an additional security against turning back, friction being in most cases sufficient to hold the tool in place.

In the drawings, A represents the file, B the handle, and C a screw.

The handle B is of any suitable form, and has a slot, *a*, in it, also an angle-slot, *b*. The file A has the tang or handle end *c* bent at an angle to its length. Thus, when the file A is pushed into place in handle B, the tang end *c* comes to the cross-slot *b*, and the file is turned or twisted into slot *b*, thereby preventing the file A from being pulled out of the handle. The screw C may be used as additional security to prevent the file from turning back.

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

A file, A, with the tang bent at an angle, *c*, in combination with handle B, provided with a longitudinal slot, *a*, and cross-slot *b*, all constructed to operate substantially as and for the purpose herein specified.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

A. S. PENNINGTON.

Witnesses:

W. H. WILLIAMS,

WILLIAM M. SMITH.