L. LANDEKER.

TOOL-HANDLE.

No. 191,866. Patented June 12, 1877.

Fig. 1.

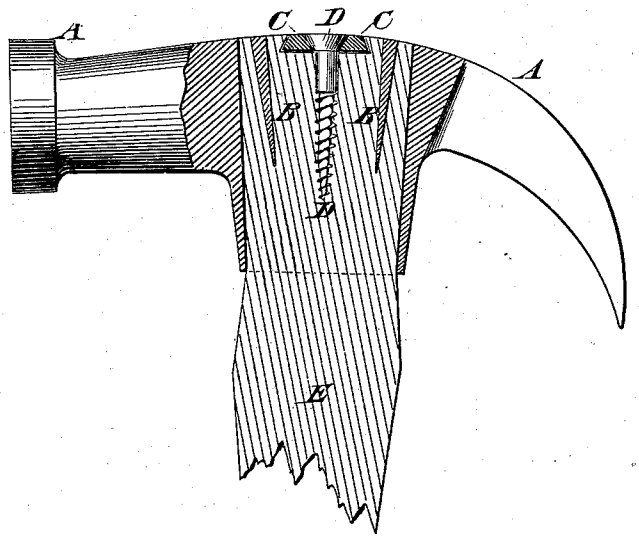
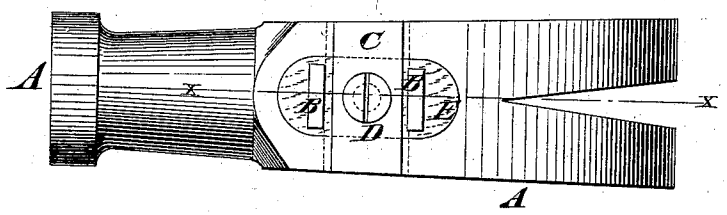


Fig. 2.



WITNESSES:

Gustave Dietrich

J. H. Scarborough.

INVENTOR:

L. Landeker.

BY

ATTORNEYS.

N. PETERS, PHOTO-LITHOGRAPHER, WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

LAZARE LANDEKER, OF SAN LUIS OBISPO, CALIFORNIA.

IMPROVEMENT IN TOOL-HANDLES.

Specification forming part of Letters Patent No. **191,866**, dated June 12, 1877; application filed February 26, 1877.

To all whom it may concern:

Be it known that I, LAZARE LANDEKER, of San Luis Obispo, in the county of San Luis Obispo and State of California, have invented a new and useful Improvement in Tool-Handles, of which the following is a specification:

Figure 1 is a side view of a hammer to which my improvement has been applied, partly in section through the line *x x*, Fig. 2. Fig. 2 represents the forward side of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to furnish an improved mode of securing handles in hammers, axes, hatchets, and other tools, in which the handles are inserted and secured in eyes which will hold the handle securely in place, and, at the same time, will allow it to be readily removed when required.

The invention will first be described in connection with the drawing, and then pointed out in the claim.

I will describe the device as applied to a hammer, but do not wish to limit myself to that application.

A represents a hammer-head, in the eye of which is inserted the end of a handle, E. The end of the handle E may be tightened in the eye of the head A by wedges B. C is a small metallic bar, the edges of which are beveled off, so that it may fit into a dovetailed or other shaped groove formed across the forward side of the head A and across the end of the handle E. The bar C is made of such a length that its ends may be flush with the sides of the head A, and of such a thickness that its outer surface may be flush with the forward side of said head, as shown in Figs. 1 and 2.

Through the center of the bar C is formed a hole to receive a screw, D, which is screwed into the end of the handle E, and the head of which is countersunk into the bar C, so that its surface may be flush with the surface of the said bar C.

The screw D may be simply screwed into the end of the handle E, or it may be screwed into a nut let into said handle, or it may pass entirely through said handle, and its end may be rivèted or have a nut screwed upon it.

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

The combination, with socket and handle, of the cross-bar C and screw D flush with the end of handle, as shown and described.

LAZARE LANDEKER.

Witnesses:
L. M. NOAH,
JULIUS KREBS.