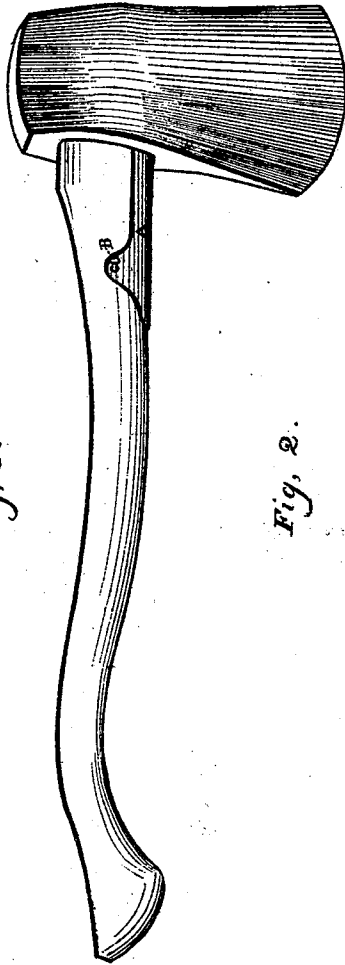


*L. B. Hoit,*

*Tool Handle.*

*No. 105,205.*

*Patented July 12, 1870.*



*Fig. 2.*



*Witnesses,*

*H. a. Daniel*  
*J. H. Foster*

*L. B. Hoit* *Inventor, by*  
*Chas. S. Whitman* *Attorney,*

# United States Patent Office.

LARA B. HOIT, OF CEDAR FALLS, IOWA.

Letters Patent No. 105,205, dated July 12, 1870.

## IMPROVEMENT IN GUARD FOR AX-HANDLES.

The Schedule referred to in these Letters Patent and making part of the same

To all whom it may concern :

Be it known that I, LARA B. HOIT, of Cedar Falls, in the county of Black Hawk and State of Iowa, have invented a new and useful Improvement in Guards for Ax-Handles; and do hereby declare that the following description, taken in connection with the accompanying drawing hereinafter referred to, forms a full and exact specification of the same, wherein I have set forth the nature and principles of my said improvement, by which my invention may be distinguished from others of a similar class, together with such parts as I claim and desire to secure by Letters Patent.

My invention relates to that class of appliances which is used for protecting and strengthening the handles of axes, and

The nature thereof consists in certain modifications in the details and improvements in the construction of the same hereinafter described and shown.

In the accompanying drawing, which illustrates my invention and forms a part of the specification thereof—

Figure 1 is a view, in perspective, of an ax of the usual form, with my invention applied thereto; and Figure 2 illustrates the shield.

The construction, operation, and relative arrangement of the component parts of my invention are as follows:

In using the wood-chopping ax it is very common to strike over the object aimed at in such a manner that the force of the stroke is received upon the un-

der side of the handle, thereby often causing the said handle to break off, or otherwise injuring it. It is the object of my invention to obviate this difficulty by providing the handle with the metallic shield A. The said shield is of the curvilinear form clearly illustrated in the drawing, and is so fashioned as to cover only that part of the handle requiring protection, and to add no more in weight to the implement to which it is attached than is positively necessary.

The said shield is provided with the curvilinear wedge-shaped point *c*, which fits neatly between the handle and the sides of the aperture in the ax in such a manner as to act as a wedge to assist in holding the parts firmly together, and is secured to the handle by means of a bolt, B, passing through the apertures D, and a perforation cut for its reception in the said handle.

Having thus described my invention, I will indicate what I claim and desire to secure by Letters Patent in the following clause:

I claim, as a new article of manufacture, the shield A, provided with the curvilinear projection *c* and apertures D, when constructed and operating as described.

In testimony that I claim the foregoing, I have hereunto set my hand and seal this 25th day of March, 1870.

LARA B. HOIT. [L. S.]

Witnesses:

S. H. PACKARD,  
L. CHAPMAN.