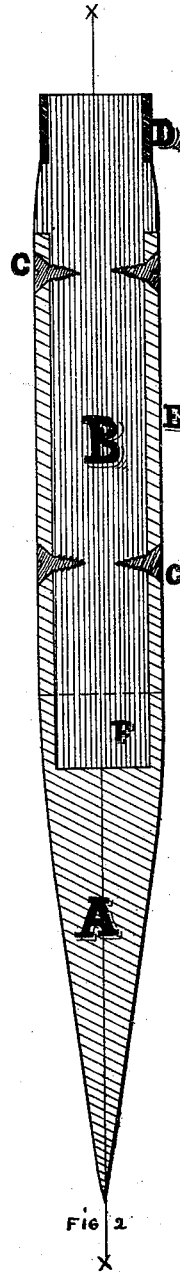
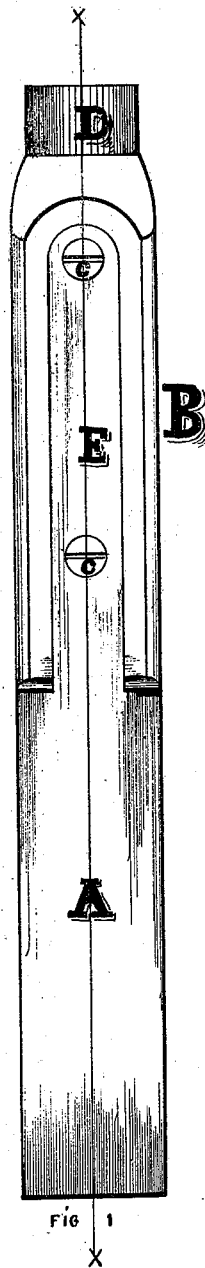


*A. Huesser,*  
*Wedge.*

*No. 110,974.*

*Patented Jan. 17. 1871.*



*Andrew R. Smyer*  
*Robert M. Smyer*  
 WITNESSES

*Albert Huesser*  
 INVENTOR

# United States Patent Office.

ALBERT HEUSSER, OF ELLINGTON, CONNECTICUT

Letters Patent No. 110,974, dated January 17, 1871.

## IMPROVEMENT IN WEDGES FOR SPLITTING WOOD.

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

Be it known that I, ALBERT HEUSSER, of Ellington, county of Tolland and State of Connecticut, have invented certain new Improvements in Wedges for Splitting Wood, of which the following is a specification.

The object of my invention is to overcome the chief difficulties met in using the ordinary metallic wedge, to wit, by being solid they are bulky and heavy, and in winter very disagreeable in the hands of the woodman; second, when placed in the fissure of a log and struck with a beetle, the wedge often recoils; more especially is this the case when the log or block be of a hard or knotty nature.

The nature of my invention consists in the combination of wood and metal in the construction of the wedge, to combine lightness and convenience with durability, by making that part which receives the blow adjustable and of wood to be renewed at pleasure, and also to admit of the use of metallic beetle when desired.

### *Drawing.*

Figure 1 is an outline view.

Figure 2 represents a section through the line *x x*.

A is a tapering metallic wedge, provided with a square socket, F.

B is a wooden stock, one end of which enters socket F, the opposite end being furnished with a ferrule, D.

E are extension strips from the sides of socket F.

C are adjustable screws holding E to the sides of the stock.

It will be seen that this wedge is solid metal up to the extent of its taper, so that its strength is in no way diminished for splitting purposes, though the great bulk and weight of metal which follows the taper of the ordinary wedge, which, in many cases, is four or five times as great as that part which constitutes the taper, is done away with.

What I claim as my invention, and desire to secure by Letters Patent of the United States, is—

A wedge of solid metal up to the extent of its taper, and from thence wood, protected on its wearing sides with metal, substantially as and for the purposes herein described and set forth in the foregoing specification.

Witnesses:

ALBERT HEUSSER.

ROBERT M. FRYER,

ANDREW R. FRYER.