

J. APPLGATE & C. FEIOCK.
Improvement in Coopers' Crozes.

No. 114,089.

Patented April 25, 1871.

Fig. 1

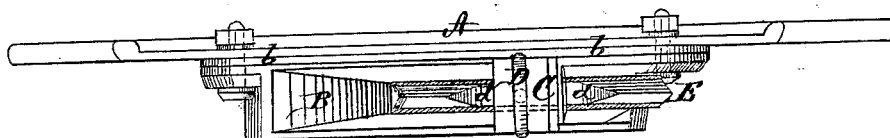
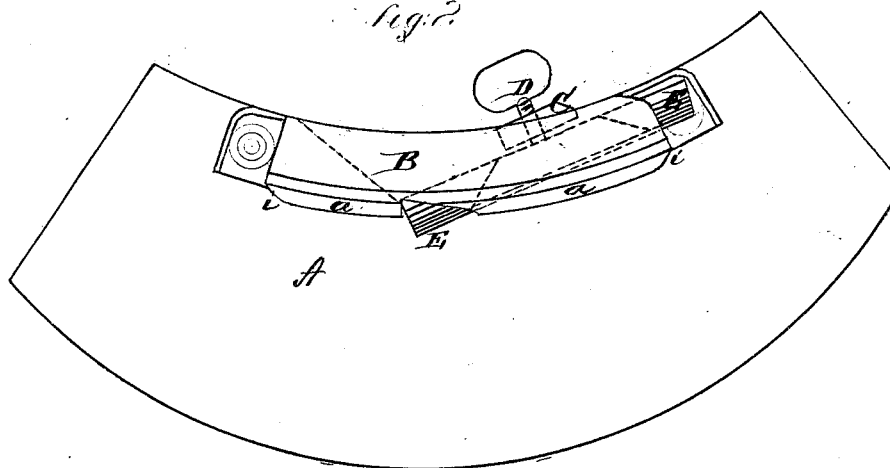


Fig. 2



Witnesses.

A. A. Yeapman
L. H. Curtis

Inventor.

Joseph Applegate
Casper Feiock
per: Alexander Mason
Clerk.

United States Patent Office.

JOSEPH F. APPLGATE AND CASPAR FEIOCK, OF NEW ALBANY, INDIANA.

Letters Patent No. 114,089, dated April 25, 1871.

IMPROVEMENT IN COOPERS' CROZE.

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

To all whom it may concern:

Be it known that we, JOSEPH F. APPLGATE and CASPAR FEIOCK, of New Albany, in the county of Floyd and in the State of Indiana, have invented certain new and useful Improvements in Cooper-Croze; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon making a part of this specification.

The nature of our invention consists in certain improvements upon the coopers' croze for which Letters Patent were granted to Applegate, Jacobs & Roby February 28, 1871, and which will be hereinafter more fully set forth.

In order to enable others skilled in the art to which our invention appertains to make and use the same, we will now proceed to describe its construction and operation, referring to the annexed drawing, in which—

Figure 1 is a side view, and

Figure 2 is a bottom view.

A represents the plate, and

B the head-block, with its V-shaped rib *a*.

In this case we attach the head-block to the plate by means of bolts and nuts, and interpose between them a wooden raising-block, *b*, of any desired thickness, so as to use the same croze or tool for any sized chime or barrel, from the shortest to the longest.

On the inner side of the head-block B is a permanent bar, C, through which the screw D passes for

fastening the knife; but instead of the metal block fastened by two screws, as in the patent above referred to, we use a small wooden block, *d*, which fits within the V-shaped bit or knife E, and against which the screw D works, thereby perfectly fastening the bit, and at the same time preventing any shavings from passing in between the bit and the block, which was almost always the difficulty in the former case.

The opening in front of head-block is also made larger to allow chips or shavings to come out freely, and the ends of the bead or rib *a* are rounded, as shown at *i i*, fig. 2.

Having thus fully described our invention,

What we claim as new, and desire to secure by Letters Patent, is—

1. The head-block B, with cross-bar C, in combination with screw D, wooden block *d*, and bit E, all constructed and arranged substantially as and for the purposes herein set forth.

2. The combination of the head-block B with cross-bar C, screw D, wooden block *d*, bit E, raising-block *b*, and plate A, all constructed and arranged substantially as and for the purposes herein set forth.

In testimony that we claim the foregoing we have hereunto set our hands this 18th day of February, 1871.

JOSEPH F. APPLGATE.
CASPAR FEIOCK.

Witnesses:

LEWIS GASSMANN,
JACOB HERTER.