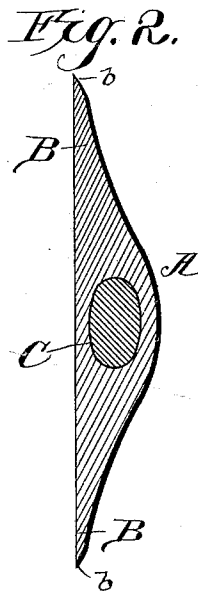
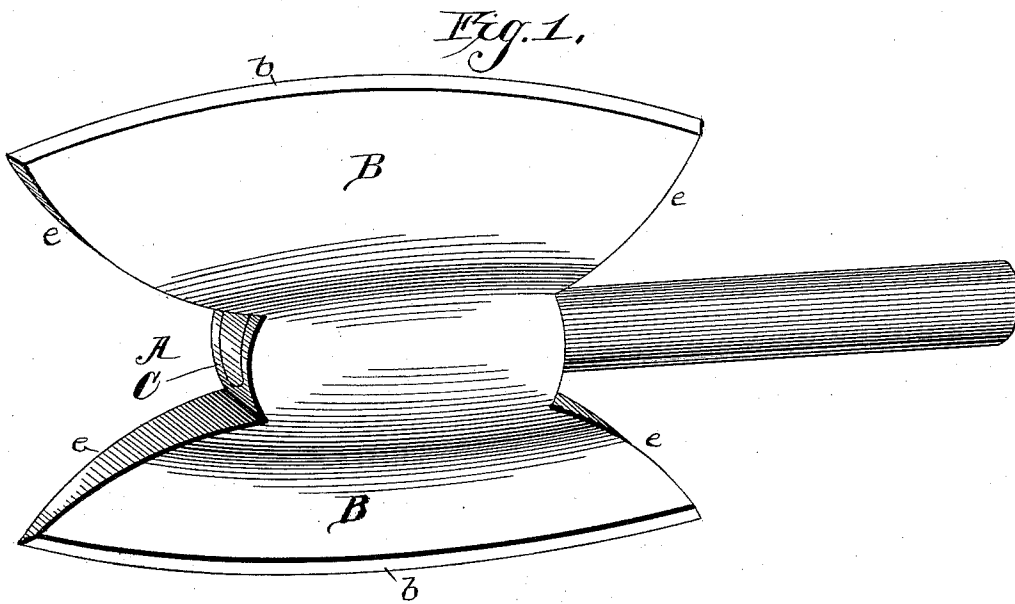


(No Model.)

F. L. HUFFORD.
AX HEAD.

No. 424,205.

Patented Mar. 25, 1890.



Witnesses

Henry G. Dietrich
O. W. Dayle

Inventor
Frank L. Hufford

By *his* Attorneys

C. H. Snow

UNITED STATES PATENT OFFICE.

FRANK L. HUFFORD, OF ARCATA, CALIFORNIA.

AX-HEAD.

SPECIFICATION forming part of Letters Patent No. 424,205, dated March 25, 1890.

Application filed January 16, 1889. Serial No. 296,475. (No model.)

To all whom it may concern:

Be it known that I, FRANK L. HUFFORD, a citizen of the United States, residing at Arcata, in the county of Humboldt and State of California, have invented new and useful Improvements in Ax-Heads, of which the following is a specification.

The invention relates to improvements in ax-heads; and it consists in a certain novel construction and combination of devices, fully described hereinafter in connection with the accompanying drawings, and specifically pointed out in the claims.

In the drawings, Figure 1 is a perspective view of an ax-head embodying my improvements. Fig. 2 is a transverse sectional view of the same.

Referring by letter to the drawings, A designates the improved head, which belongs to that character of ax ordinarily known as a "broad-ax," and is provided with two blades B B, arranged, respectively, on the laterally-opposite sides of the eye C, and which blades are provided with cutting-edges *b* on vertically-opposite sides of the eye. One side of the head is straight or flat, as shown, in order to enable the tool to make a cut straight on one side, and the opposite side of the head is rounded or beveled from the outer cutting-edges of the blades inward to the eye to give the proper thickness to the blades and pro-

vide room enough for the eye. The ends *e* of the two blades B, comprising the head, are of any preferred configuration.

The advantage of the improved ax-head is that when one blade is used the flat side is to the left, and when the other blade is used the flat side is to the right, thereby enabling either a right or left hand man to use the tool without changing the handle; also, the handle may be inserted in either end of the eye.

The improved ax is designed to be used for dressing timber in the lumbering woods and for hewing square timber for ship-building purposes, &c.

Having thus described the invention, I claim—

The ax-head A, having the longitudinal eye C, with blades B on the opposite sides of said eye, said blades having oppositely-facing cutting-edges approximately parallel with the length of the eye, one side of said head from edge to edge being flat, as and for the purpose set forth.

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

FRANK L. HUFFORD.

Witnesses:

JOHN SAFFORD,
A. M. MONTGOMERY.