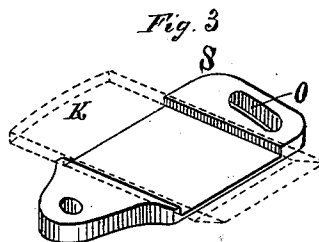
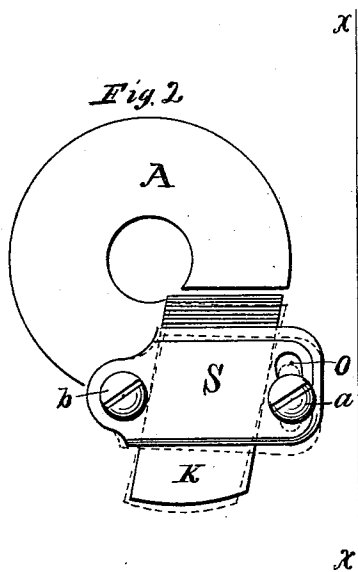
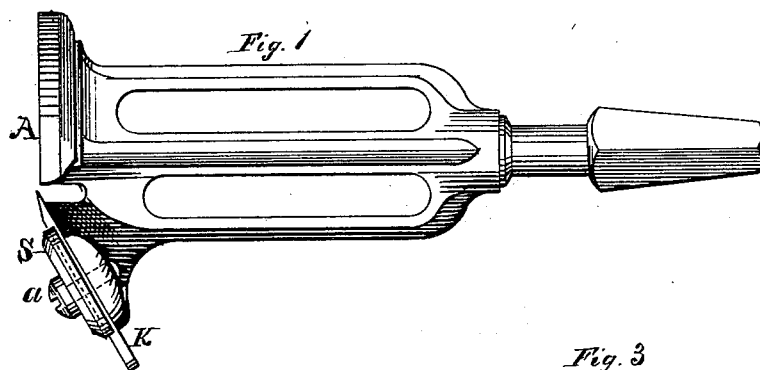


A. A. WOOD.
Hollow Augers.

No. 166,674.

Patented Aug. 10, 1875.



Witnesses.
Henry Clark
Geo. H. Clark

Inventor.
Albert A. Wood

UNITED STATES PATENT OFFICE.

ALBERT A. WOOD, OF SYRACUSE, NEW YORK.

IMPROVEMENT IN HOLLOW AUGERS.

Specification forming part of Letters Patent No. **166,674**, dated August 10, 1875; application filed December 17, 1874.

To all whom it may concern:

Be it known that I, ALBERT A. WOOD, of the city of Syracuse, State of New York, have invented an Improvement in Hollow Augers, of which the following is a specification:

The object of my invention is to securely hold the cutter in a hollow auger, and have it adjustable to any required position; and the nature of it consists in the combination of devices employed, as hereinafter more fully set forth.

In the accompanying drawings, forming a part of this specification, Figure 1 is a side elevation on the plane *x x*. Fig. 2 is a face view. Fig. 3 is a perspective view of the strap S.

A strap, S, is provided with a groove or recess on its inside face, into which a knife, K, is fitted, as shown in Fig. 3. The strap S is attached to a lug or ear on the body of the auger A, Figs. 1 and 2, by the screws *a* and *b*. The knife K being thicker than the depth of the

groove in the strap S, as shown in Fig. 1, it is obvious that the screws *a* and *b*, will hold the knife firmly between the strap S and the lug. In one end of the strap S, Figs. 2 and 3, is a slot, O, which allows the strap S to swing on the screw *b*, and, by means of the groove or recess on the inside face of the strap S, carry the cutting-edge toward or from the tenon, as may be required, as shown by the dotted lines in Fig. 2.

I claim as my invention—

The combination of the body A of a hollow auger with the cutting-knife K and strap S, provided with the slot O, all constructed to operate as shown and described, and for the purpose specified.

ALBERT A. WOOD.

Witnesses:

HIRAM CLARK,
GEO. H. CLARK.