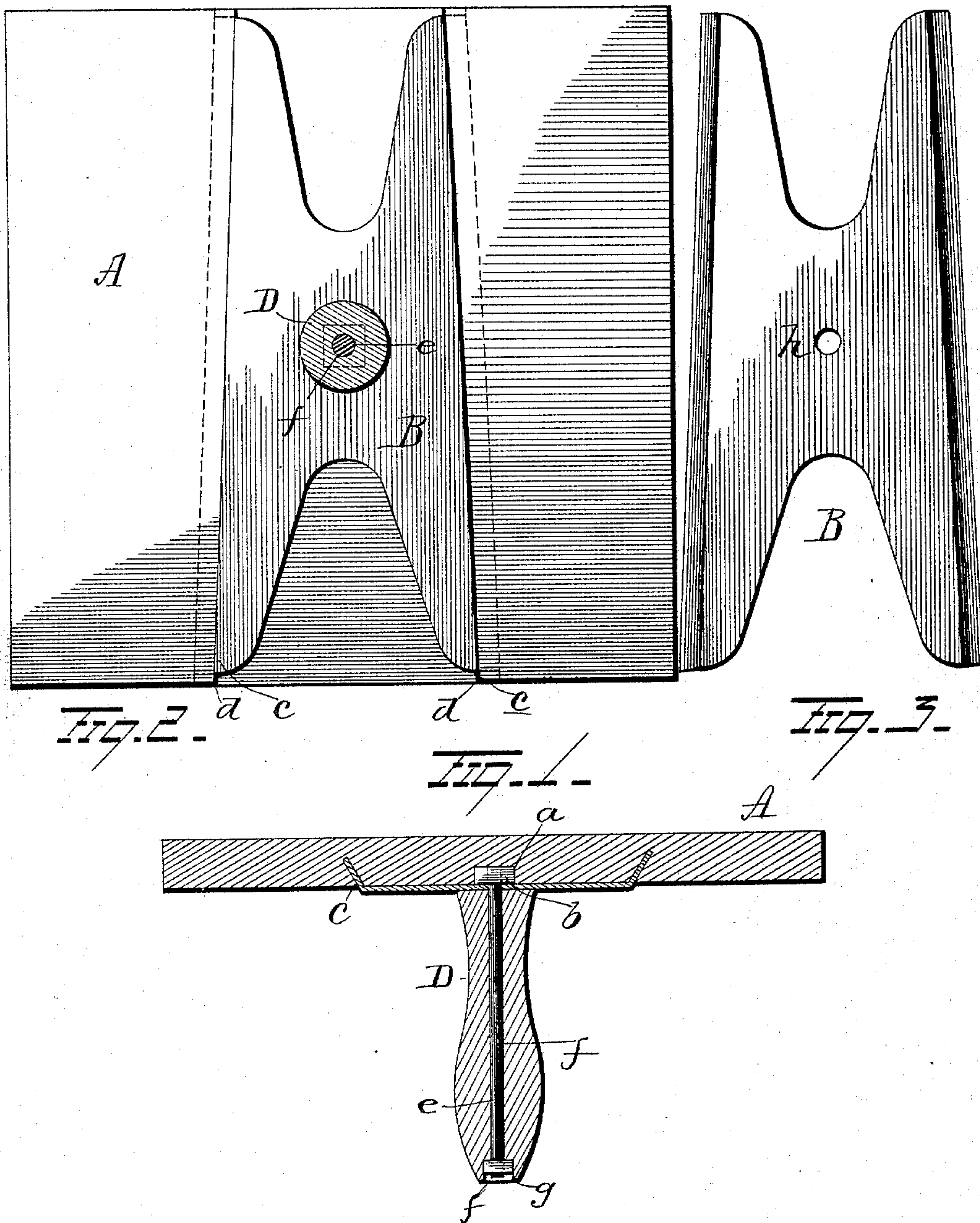


(No Model.)

C. W. BLAY.
MASON'S HAWK.

No. 483,132.

Patented Sept. 27, 1892.



Witnesses
G. J. H. H. H. H.
G. J. Downing.

Inventor
C. W. Blay
By *H. A. Seymour*
Attorney

UNITED STATES PATENT OFFICE.

CHARLES W. BLAY, OF JANESVILLE, WISCONSIN.

MASON'S HAWK.

SPECIFICATION forming part of Letters Patent No. 483,132, dated September 27, 1892.

Application filed January 16, 1892. Serial No. 418,288. (No model.)

To all whom it may concern:

Be it known that I, CHARLES W. BLAY, of Janesville, in the county of Rock and State of Wisconsin, have invented certain new and useful Improvements in Masons' Hawks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in masons' hawks, the object being to provide a hawk whose top surface will be free from obstructions, always presenting a smooth working surface.

A further object is to provide means to prevent the warping of the upper surface of the hawk.

With these ends in view my invention consists in the parts and combination of parts, as will be more fully described, and pointed out in the claims.

In the accompanying drawings, Figure 1 is a sectional view of my improved hawk, and Fig. 2 is a bottom plan view of the same. Fig. 3 is a plan of the metal wedge.

A represents a table or hawk proper, made of the desired thickness and provided centrally with a square countersink or recess, as shown at *a*, said countersink or recess being of sufficient width and depth to receive the nut *b*, so that it will be rigidly held in place and at the same time flush with the under surface of the hawk. The under side of the hawk or table is provided with two oblique saw-kerfs or grooves *c*, which latter start at points *d*, located at one side of the hawk or table and gradually converge as they approach the opposite end of the hawk or table. The depth of the cuts will of course depend on the thickness of the hawk or table. The metal wedge B is made to conform to the shape of the space between the oblique saw-kerfs or grooves, and is provided with flanged sides, which latter fit into the oblique saw-kerfs or grooves *c*. The handle D is provided centrally with a vertical bore *e*, through which passes a bolt *f*, which latter also passes through an opening *h*, formed in the metal wedge B. The handle D is provided at its outer end with a recess or cavity *g*, greater in

diameter than the bore *e* and forming a continuation thereof for the reception of the head of the bolt *f*. The lower end of the bolt *f* is provided with screw-threads, which engage the screw-threads in the nut *b* for the purpose of locking the parts in position.

The parts are assembled in the following manner: The nut *b* is first placed within the opening *a*. The metal wedge, which is cut away at each end, as shown in the drawings, is then sprung into the oblique saw-kerfs or grooves *c*, which latter when in position hold the nut *b* against displacement. By cutting away a portion of the metal from each end of the wedge B the same can more readily be sprung into the saw-kerfs than could be accomplished if the cut-away portions were retained. The bolt *f* is then passed through the opening or bore *e* in the handle, thence through the hole *h* in the wedge, and the former is then secured in place by screwing the bolt *f* in the nut *b*, and when the parts are in the positions as above set forth the handle and table are rigidly held together.

The application of the invention is not confined to masons' hawks, but is equally applicable to darbies, floats, and to the bottom of tubs.

As it is evident that my invention is susceptible to many forms of securing the handle to the hawk or table, I would have it understood that I do not restrict myself to the particular construction and arrangement of parts shown and described; but,

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. The combination, with a table or other surface provided with converging kerfs or grooves, of a flanged metal wedge the flanges of which are adapted to fit in said kerfs or grooves, substantially as set forth.

2. The combination, with a table or other surface provided with converging kerfs or grooves, of a flanged metal wedge the flanges of which are adapted to fit in said kerfs or grooves and a handle secured to said table or other surface, substantially as set forth.

3. In a mason's hawk, the combination, with a table having a centrally-located recess on

its under side, said table being provided with converging kerfs or grooves, and a nut located in said recess, of a flanged metal wedge the flanges of which are adapted to fit in said
5 kerfs or grooves, a handle, and a bolt passing through the handle and engaging the nut, substantially as set forth.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

CHARLES W. BLAY.

Witnesses:

FRANK N. WEBSTER,
JOSEPH LOEB.