

(No Model.)

W. B. HAYDEN.

HAME.

No. 270,429.

Patented Jan. 9, 1883.

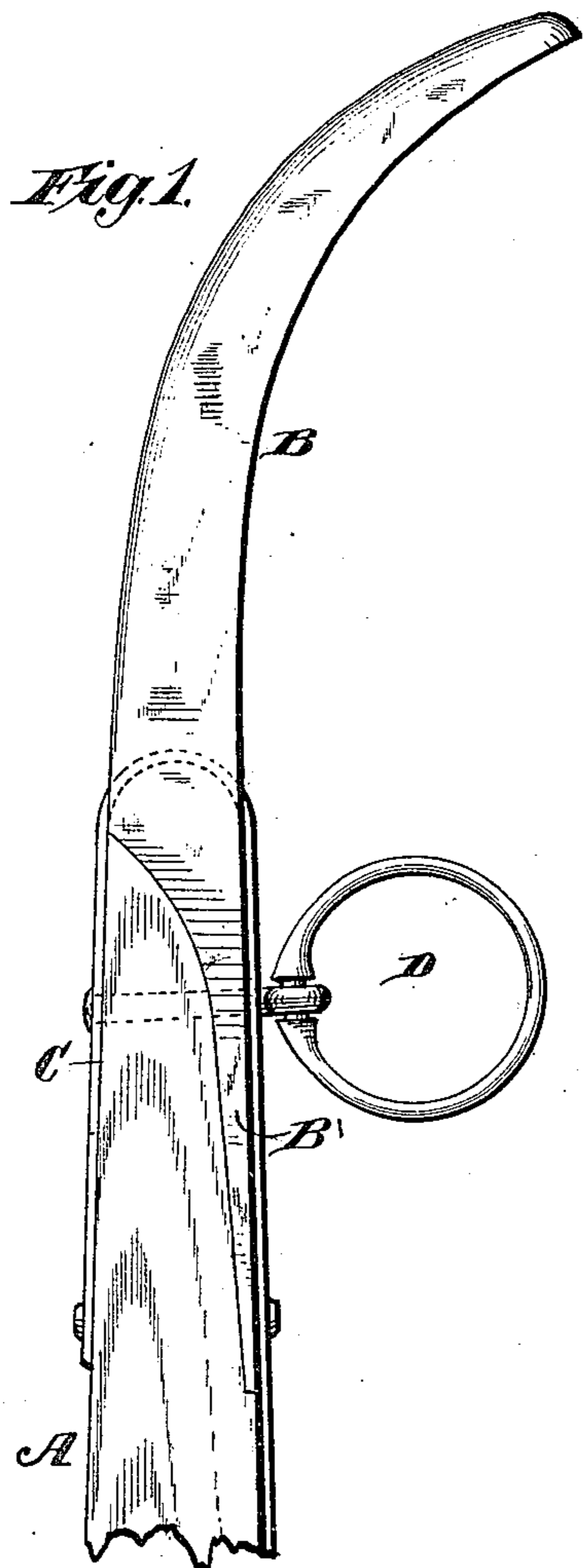
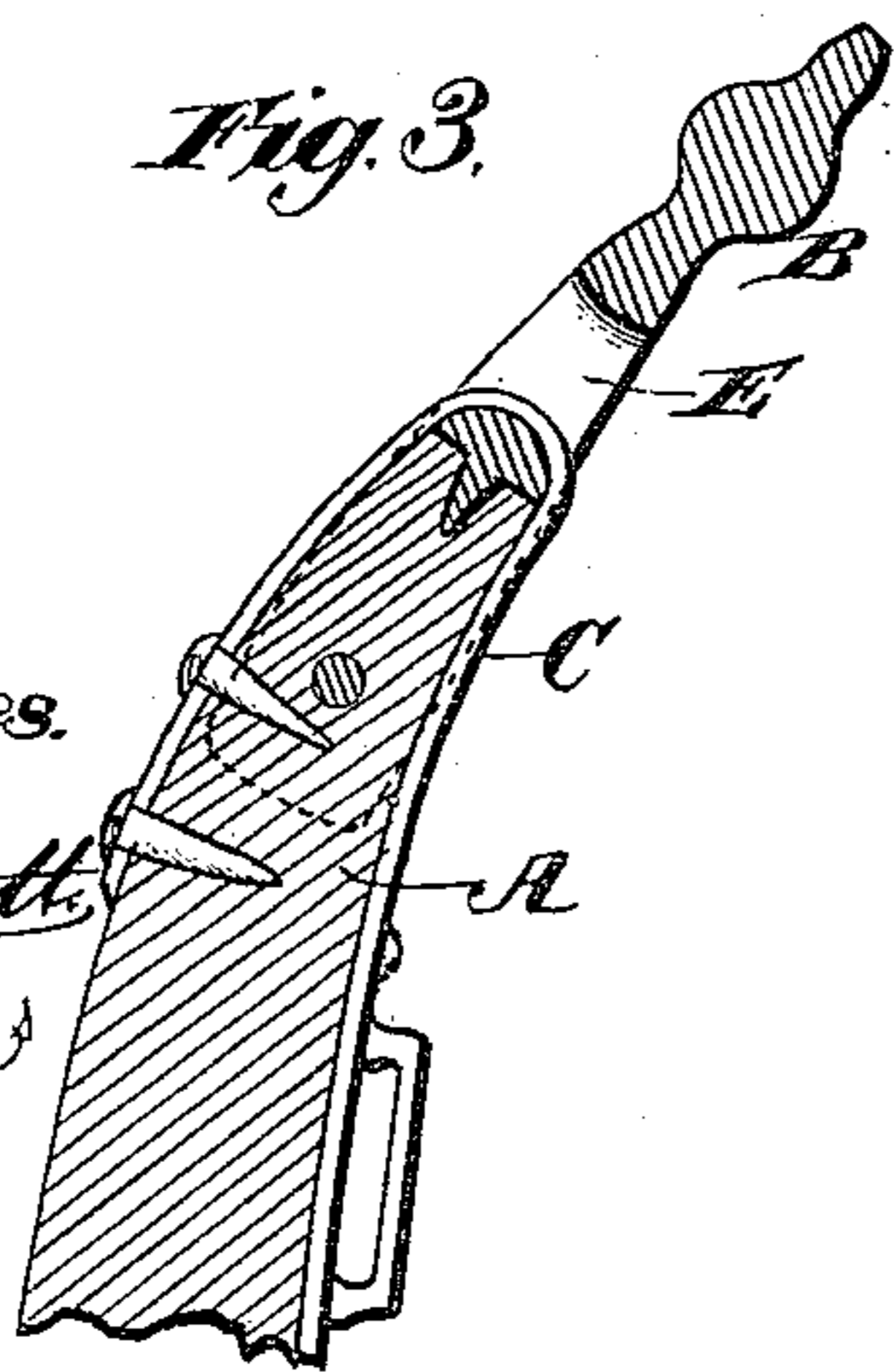


Fig. 2.



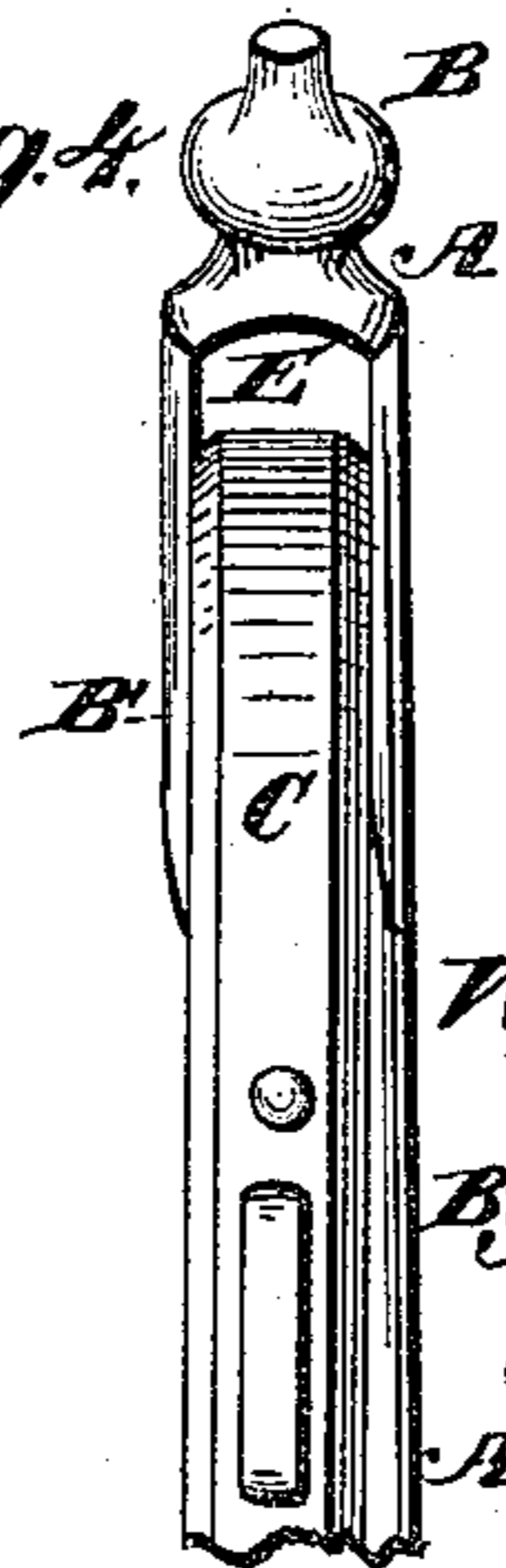
Fig. 3.



Witnesses.

Phil. Smith
John L. Brown

Fig. 4.



Inventor.

William B. Hayden.

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Atty.

UNITED STATES PATENT OFFICE.

WILLIAM B. HAYDEN, OF COLUMBUS, OHIO.

HAME.

SPECIFICATION forming part of Letters Patent No. 270,429, dated January 9, 1883.

Application filed November 28, 1882. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM B. HAYDEN, a citizen of the United States, residing at Columbus, in the county of Franklin and State of Ohio, have invented new and useful Improvements in Hames, of which the following is a specification.

Heretofore metal hame-tops have been secured to the hames by means of bolts or screws passing through the metal top and fitted in the wooden hame, the upper end of the metal strap or hame-back iron having its upper end terminating at a point upon the hame below said metal top.

It is the object of this invention to improve upon such mode of securing the hame-top to the hame, and to secure the said top in place in a neater and more substantial manner than heretofore, and at the same time to strengthen the upper end of the hame. To such end I extend the hame-back iron so as to admit of its being passed through the metal hame-top, and then down upon the opposite side of the hame, whereby, after the iron has been thus passed through the hame-top and drawn down and secured upon the hame, a superior fastening for the metal hame-top will be secured.

In the annexed drawings, Figure 1 is a longitudinal section through the metal top, secured thereto in accordance with my invention. Fig. 2 is an edge view of the hame as seen at right angles to Fig. 1. Fig. 3 is a section, and Fig. 4 an edge view, of the hame with a somewhat different form of hame-top.

A indicates an ordinary wooden harness-hame, provided with a metal top, B, which can be formed at its lower end with one or more tongues adapted to fit upon the hames. The metal hame-top will, however, in each instance have an opening for the passage of the metal strap employed under my invention both for use as the back-iron and also as the means for securing the metal top upon the hame. In Figs. 1 and 2 the metal top has a tapering tongue or shank portion, B', which is fitted in a recess formed in the upper end of the wooden hame, while in Figs. 3 and 4 the metal top has its sides extended so as to form two tongues or plates, B', which embrace the upper end of the wooden hame.

The hame-back iron C consists of a metal strap secured to one edge of the hame, and the iron is extended so as to allow it to be passed through the metal top and then bent down at its end upon the opposite side of the hame, to which it is then secured by screws or rivets. The strap is drawn down so as to bind firmly upon the bottom of the opening formed through the metal top, and thereby securely hold the top on the hame. A hame-back iron and top-fastener is thus formed in one piece, whereby strength and a neat appearance are attained.

The staple for the ring D can be passed both through the strap and the tongue or shank of the metal hame-top, or it can be passed through the strap or hame-back iron at a point lower down.

The construction of the metal hame-top is immaterial so long as it is adapted to fit on the upper end of the hame and is provided with an opening for the passage of the back-iron.

In Figs. 1 and 2 the metal hame-top is constructed substantially the same as that shown in Letters Patent heretofore granted to me, while in Figs. 3 and 4 the construction of the metal hame-top is somewhat different; but in each instance of my present invention an opening, E, is provided for the passage of the metal strap or back-iron, whereby a bearing for said strap or iron is formed on the metal top.

Having thus described my invention, what I claim is—

The combination, with a wooden hame, of the metal hame-top fitted upon the upper end of the hame and provided with an opening above its shank portion, and the hame-back iron passing through said opening in the metal top and secured to opposite sides of the hame, substantially as described.

In testimony whereof I have hereunto set my hand in the presence of two subscribing witnesses.

WILLIAM B. HAYDEN.

Witnesses:

HENRY M. BUTLER,
A. W. OSBORN.