

J. W. Maloy.

Bush Hammer.

Nº 97,663.

Patented Dec. 7, 1869.

Fig. 1

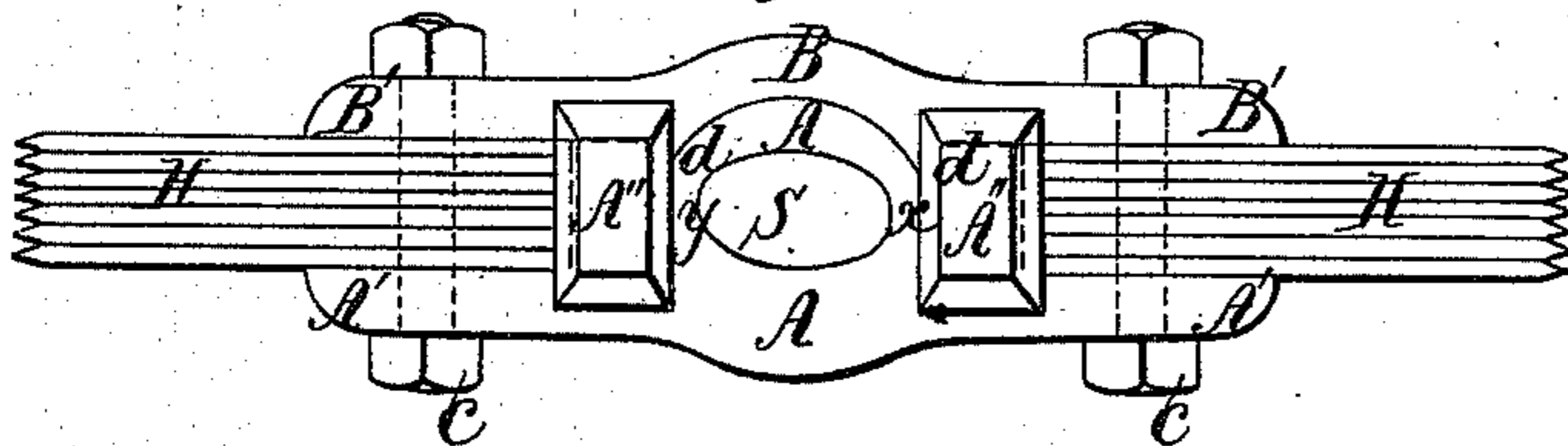
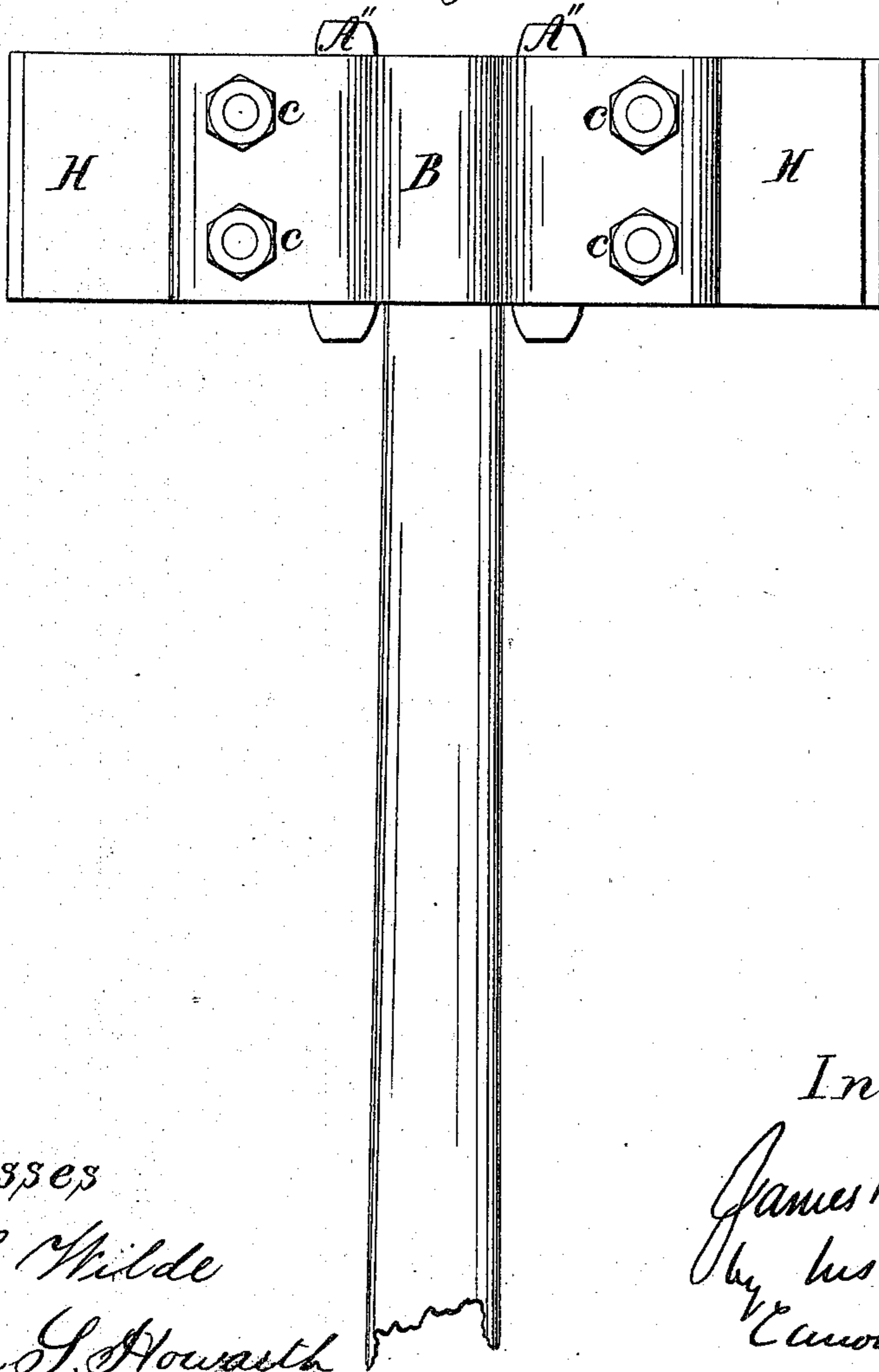


Fig. 2



Witnesses
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Inventor
James W. Maloy
by his attorney
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United States Patent Office.

JAMES W. MALOY, OF BOSTON, MASSACHUSETTS.

Letters Patent No. 97,663, dated December 7, 1869.

IMPROVEMENT IN BUSH-HAMMERS.

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

To all whom it may concern:

Be it known that I, JAMES W. MALOY, of Boston, county of Suffolk, and State of Massachusetts, have invented an Improved Bush-Hammer; and do hereby declare the following to be a full, clear, and exact description thereof, reference being had to the accompanying drawings, in which—

Figure 1 is a side view, and

Figure 2 is a top view of my improved bush-hammer.

In the bush-hammer in use, the construction is such, that when it is desired to remove the blades, the handle must also be removed, as the hammer-head is made in two parts, as if cut through $x y$, like a mould, and divided through the eye, and with removable gebes.

The object of my invention is to overcome the objections to the old, by making a hammer-head in such a manner that the socket for the handle is never disturbed, and the gebes are firm, being part of the head, and from which the blades can be easily removed for repairs, &c.; and

The nature of my invention consists in a hammer-head, so constructed as to hold the blades firmly, by means of a clamp and bolts, while the handle always remains fixed in the head.

In the drawings—

A A is a hammer-head, in one piece, having eye or socket S for the handle.

B is a removable clamp, adjusted upon head A by bolts $c c$.

H are the bushing-blades.

The blades H are adjusted between the parts A' and B' of head A and clamp B, respectively.

The blades have a solid bearing, A'', which is part

of head A, but forms a projection and flange, covering the sides of the inner ends of the blades. This prevents any lateral motion or chance for blades becoming loosened.

At d , a shoulder of the clamp B fits into a corresponding recess in head A.

This construction secures the firm rigidity or fixed position of the clamp B, and enables it to receive the bearing of the blades H, in common with the gebes A'', so that all parts feel the effect of blows alike, thus preventing strain upon one part, and not upon another.

For durability, ease of adjusting the blades, and of repairing or sharpening, this bush-hammer presents many apparent advantages over those in use. Old hammers can be made over into my improved bush-hammer, thus giving an extra advantage to parties not wishing to purchase new.

I can manufacture all the parts to a hammer of this kind, so that any can be replaced, for any part will fit any hammer.

What I claim as my invention, and desire to secure by Letters Patent, is—

A bush-hammer, formed by the combination of head A, constructed substantially as shown, and clamp B, the part held together, and securing blades H, substantially as herein described.

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

JAMES W. MALOY.

Witnesses:

CARROLL D. WRIGHT,
AUSTIN S. HOWARTH.