

J. Clendering.

Hammer Fastener.

Patented Oct 5. 1869

No. 954,30.

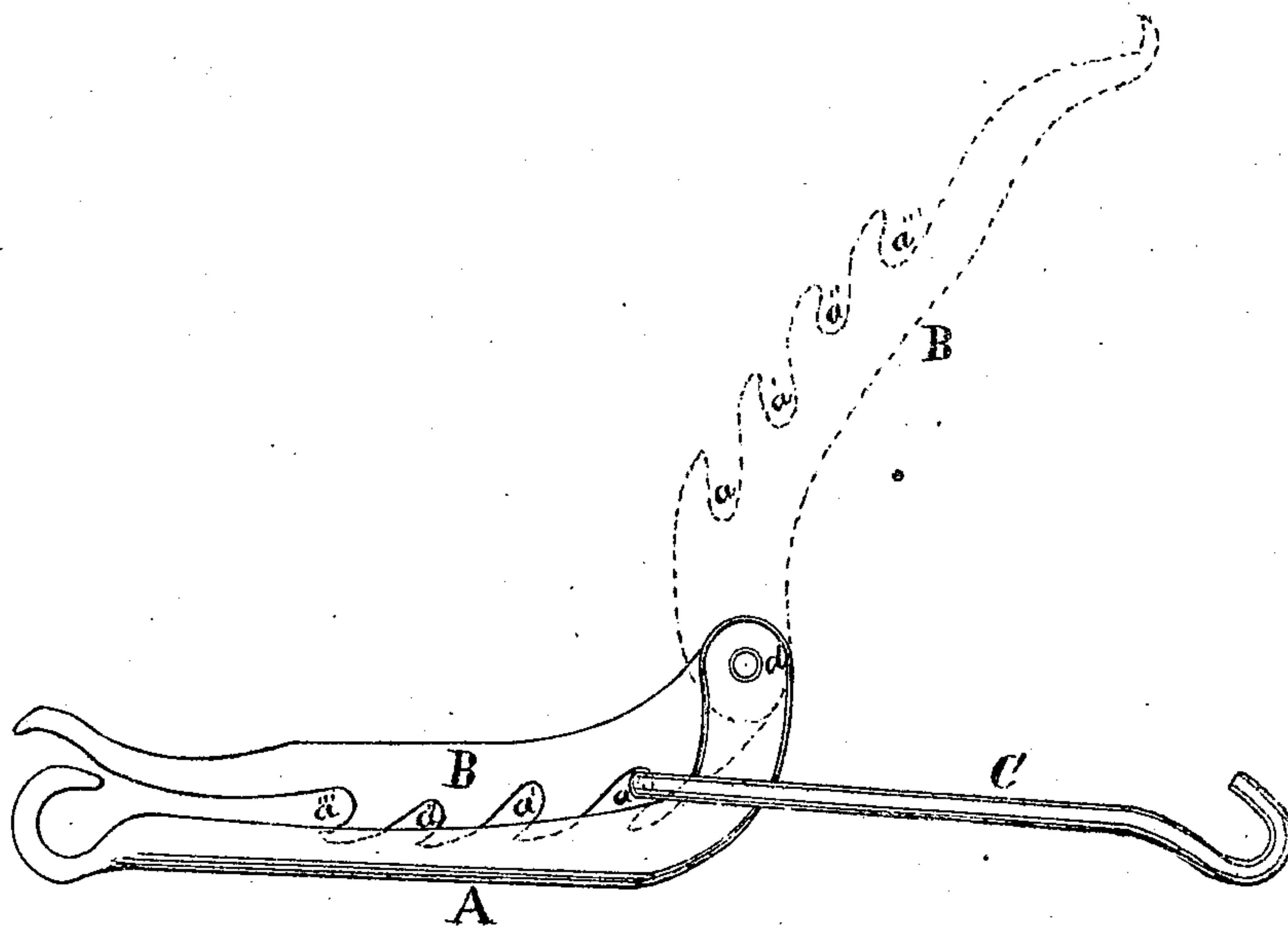


Fig. 1.

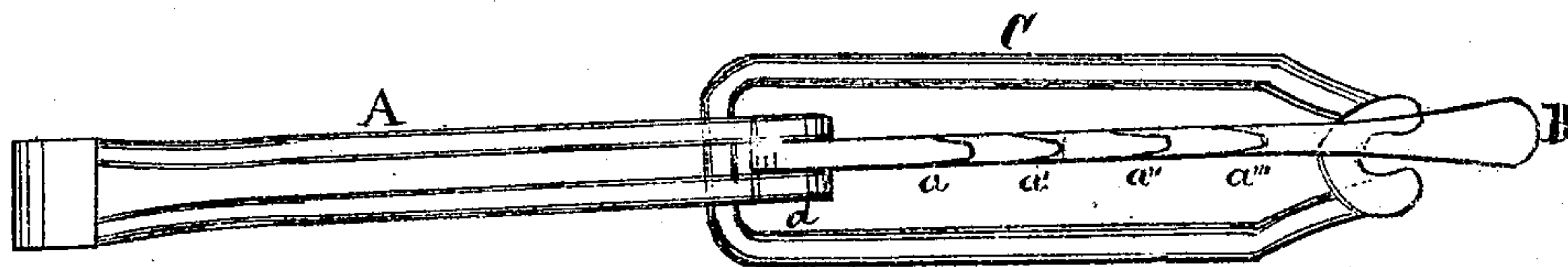


Fig. 2.

J. Clendering

Witnesses,

E. H. Baker.

M. B. Burson.

United States Patent Office.

J. CLENDENING, OF ROCKFORD, ILLINOIS.

Letters Patent No. 95,430, dated October 5, 1869.

IMPROVED HAMES-FASTENER

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, J. CLENDENING, of Rockford, in the county of Winnebago, and State of Illinois, have invented a new and useful Hames-Fastener; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, forming part of this specification, and to the letters of reference marked thereon.

Figure 1 shows the fastener, inverted, the full lines showing the position of the parts when closed, and the dotted lines the position when latch B is open.

Figure 2 shows the fastener, with the latch open, viewed from the under side.

My invention consists—

First, in constructing a hames-fastener, of a link fastened permanently to one hame, and a peculiarly-constructed jointed latch-piece to the other hame, so arranged as to be fastened and loosed with great facility.

My invention further consists in constructing a hames-fastening, so that the joint or hinge of the latch-lever shall be outside of the line of draught when the hook in which the link takes hold is forward of such hinge or joint.

My invention further consists of putting a series of hooks upon the latch-lever, for the purpose of adjusting the tightness of the hames upon the collar.

In the drawing—

A is a metallic piece, having an eye bent on one end, which can be closed on the hame-ring, and the other end being bent outward is hinged at *d*, to the latch-lever B.

C is a link, having an eye bent on one end, which can be closed on the hame-ring.

The latch-lever B has a series of hooks, *a a' a'' a'''*, which serve to adjust the degree of tightness upon the collar.

In operation, the eye of piece A is closed upon the ring or link of the hame, the latch-lever B being on the under side.

The link C is in like manner fastened to the other hame.

When it is desired to fasten the hames, the lever B is passed through the link C, and being brought to the particular hook of said lever, which, when closed, will give the degree of tightness to the collar desired, the lever is drawn forward and closed down to the piece A.

In this position any draught or strain brought upon the hames serves to hold the latch more securely closed.

When it is desired to loosen the fastening, lever B is thrown back, which loosens it at once.

In this invention, especial attention is asked to the following points:

First. It will be observed that this fastening is formed of the piece A, secured to one hame-ring permanently, which piece has hinged to it the latch-lever B, and to the other hame is fastened the long link C, which link must be long enough to admit of the action of the latch-lever, as described further on. Since the hinge of latch-lever B is outside of the line of draught, it will be seen that any strain or draught brought upon the fastening serves to keep it securely closed.

Second. The hook *a* of latch-lever B being forward of the hinge *d*, will, when being closed, serve to draw the hames tight upon the collar, the length of the lever giving additional power for that purpose.

Third. Providing the latch-lever B with the hooks *a' a'' a'''*, additional to hook *a*, compensates for the difference in the size of the collars and horses' necks, which is an important point to provide for.

I claim a hames-fastening, composed of the parts A, B, and C, when the parts A and C are secured to the hames, as herein described, and the latch-lever B is hinged to the piece A, and provided with the adjusting hooks *a' a'' a'''*, the whole constructed and operating substantially as and for the purpose set forth.

J. CLENDENING.

Witnesses:

E. H. BAKER,

W. W. BURSON.