D. M. Cummings

Hame,

No. 36,767. Patented Oct. 28, 1862.

Fig: 1.

Fig: 2.

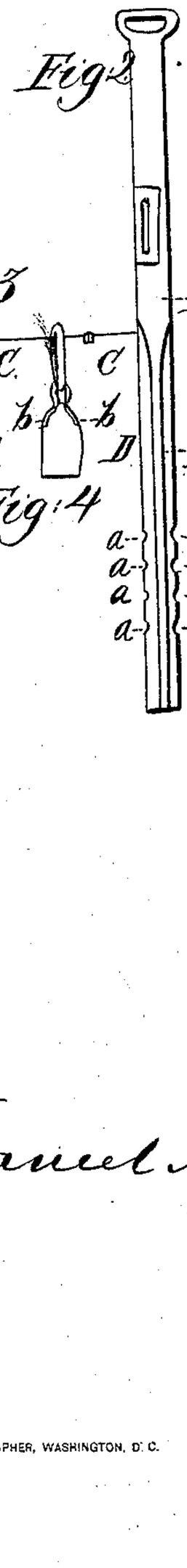

Fig: 3

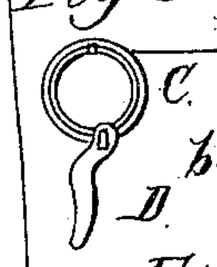

Fig: 4

Witnesses:

Mark Purmort

William Walcott

Inventor:

Daniel M. Cummings

UNITED STATES PATENT OFFICE.

DANIEL M. CUMMINGS, OF ENFIELD, NEW HAMPSHIRE, ASSIGNOR TO JOS. BAKER, AND R. C. AND J. P. CARR, OF SAME PLACE.

IMPROVEMENT IN ADJUSTABLE HAMES.

Specification forming part of Letters Patent No. **36,767**, dated October 28, 1862.

To all whom it may concern:

Be it known that I, DANIEL M. CUMMINGS, of Enfield, in the county of Grafton and State of New Hampshire, have invented a new and useful Improvement in Adjustable Hames; and I do declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, which represent identical parts in the different figures.

Figure 1 is a side view of the left-hand hame and indented face-plate. Fig. 2 is a front view of the right hand hame and face-plate. Fig. 3 is a side view of the clasp and turret attached thereto. Fig. 4 is a front view of the same with the turret attached.

The nature of my invention consists in so connecting the clasp with the turret, and so constructing the face-plate, that, as the hames shall be adjusted to different-sized collars, the turret shall at the same time adapt itself accordingly—that is to say, be elevated or depressed—as the size of the collar may render necessary or convenient, and also to preserve its strength and durabilty.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation.

I construct the hames of wood in the usual manner; but, in order to make them more easily adjustable to different-sized collars, I construct the face-plate E (which is of suitable metal, plated or not, as the manufacturer may prefer) with indentations *a a a a* on both sides, as seen in Fig. 2. I then construct the clasp D in the form, as seen in Figs. 3 and 4, with projections *b b* on the inside, as seen in Fig. 4, and I connect with the clasp D the turret C, as seen in Figs. 3 and 4. The clasp and turret may be made of one solid piece of metal, or the turret may be attached to the clasp by a bolt, so as to admit of a forward and backward motion, if desired.

The advantage gained by constructing the face-place E with the indentations *a a a a* on its sides, instead of perforations in the line of its center, as it has been sometimes constructed, is increased strength and durability in the hame, the perforations not only weakening the wood, but also, by freely permitting the water to come and remain in contact with it, to cause it to decay more rapidly.

The operation of my improvement is as follows, viz: the clasp D, with the turret C attached, is passed over the upper end of the hame, and connected by its projections *b b* with any pair of the indentations *a a* on the face-plate E, as may be required by the size of the collar in use, and is kept in place by means of the strap which connects the upper parts of the right and left hames together, the strap passing between the clasp and the wood on the inside of the hame. Whenever it becomes necessary to adapt the hames to a collar of a larger or smaller size, the clasp is moved upward to a higher or downward to a lower pair of indentations on the face-plate, and is there kept in place by the strap connecting the upper ends of the hames, as before stated, the turret, of course, passing up and down with the clasp.

Having described the construction and operation of my said improvement, I do not claim hames adjustable to different-sized collars, they having been in use before my invention; but

What I do claim, and desire to secure by Letters Patent, is—

1. The combination of the clasp D and its projections *b b* with the face-plate E and its indentations *a a a a*, constructed and operating as above set forth.

2. The combination of the turret C with the clasp D, as above described.

3. The combination of the face-plate E with the clasp D, and the turret C, constructed and operating as above set forth.

In witness whereof I have hereunto set my hand this 8th day of July, A. D. 1862.

DANIEL M. CUMMINGS.

Witnesses:

MARK PURMOST,

WILLIAM WALCOTT.