

M. S. BETTICE.  
Hame-Tug Loops.

No. 217,321.

Patented July 8, 1879.

Fig. 1.

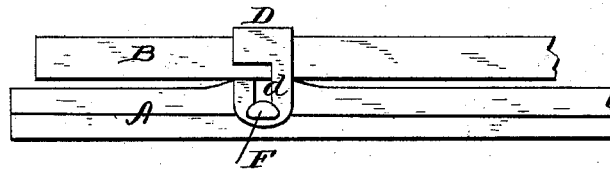


Fig. 2.

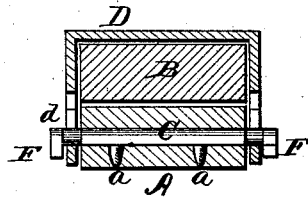


Fig. 4.

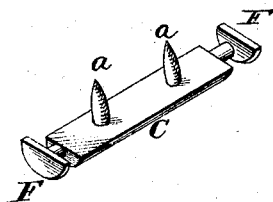
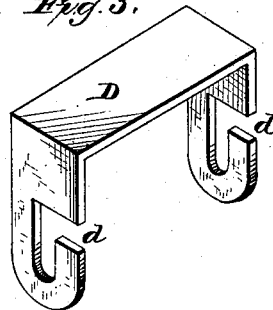


Fig. 3.



WITNESSES  
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ATTORNEYS

# UNITED STATES PATENT OFFICE.

MYERS S. BETTICE, OF ATTICA, INDIANA, ASSIGNOR OF ONE-HALF HIS  
RIGHT TO ORANGE S. TULLIS, OF SAME PLACE.

## IMPROVEMENT IN HAME-TUG LOOPS.

Specification forming part of Letters Patent No. **217,321**, dated July 8, 1879; application filed  
May 26, 1879.

*To all whom it may concern:*

Be it known that I, MYERS S. BETTICE, of Attica, in the county of Fountain, and in the State of Indiana, have invented certain new and useful Improvements in Hame-Tug Loops; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

The nature of my invention consists in the construction and arrangement of a hame-tug loop for holding the end of the trace and preventing the same from sagging outward from the hame-tug, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to make and use the same, I will now proceed to describe its construction and operation, referring to the annexed drawings, in which—

Figure 1 is a side view of a hame-tug with end of trace and my loop applied thereto. Fig. 2 is a cross-section of the same. Figs. 3 and 4 are detailed views of the two parts forming the loop.

A represents the hame-tug, and B is the end of the trace, which is to be buckled in the usual manner to the tug. C is a stationary metallic bar inserted between the layers of the hame-tug, which bar may be made flat or oval, or any other desired or suitable shape. From the body of the bar project two pins or tongues, *a a*, which are inserted in holes in either the inside or outside half of the tug, thereby preventing the bar from coming out endwise and

from twisting to and fro, which would break the stitches and cause the bar to get out of true line.

Each end of the bar C is formed with a T-shaped button, F, to pass into a slot in the end of the loop and hold the same from drawing out or spreading open when adjusted.

D represents the loop, having a right-angular or diagonal slot, *d*, cut in each end to hook over the necks of the buttons F before the end of the trace is brought in place, which is done by shoving it under the loop, making it tightly held and the loop immovable until the end of the trace is withdrawn.

The intention is to have two or more bars, C, fastened in the hame-tug at such points as are necessary for holding the end of the trace according to the different adjustments of the trace.

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

1. The bar C, formed with the tongues *a* and end buttons, F, adapted to be fastened between the layers of a hame-tug, substantially as shown, for the purposes herein set forth.

2. The combination of the bar C, having tongues *a* and buttons F, and the loop D, having a slot, *d*, in each end, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 20th day of May, 1879.

MYERS SEATON BETTICE.

Witnesses:

JOEL MILLER,

J. ALLEN WILSON.