

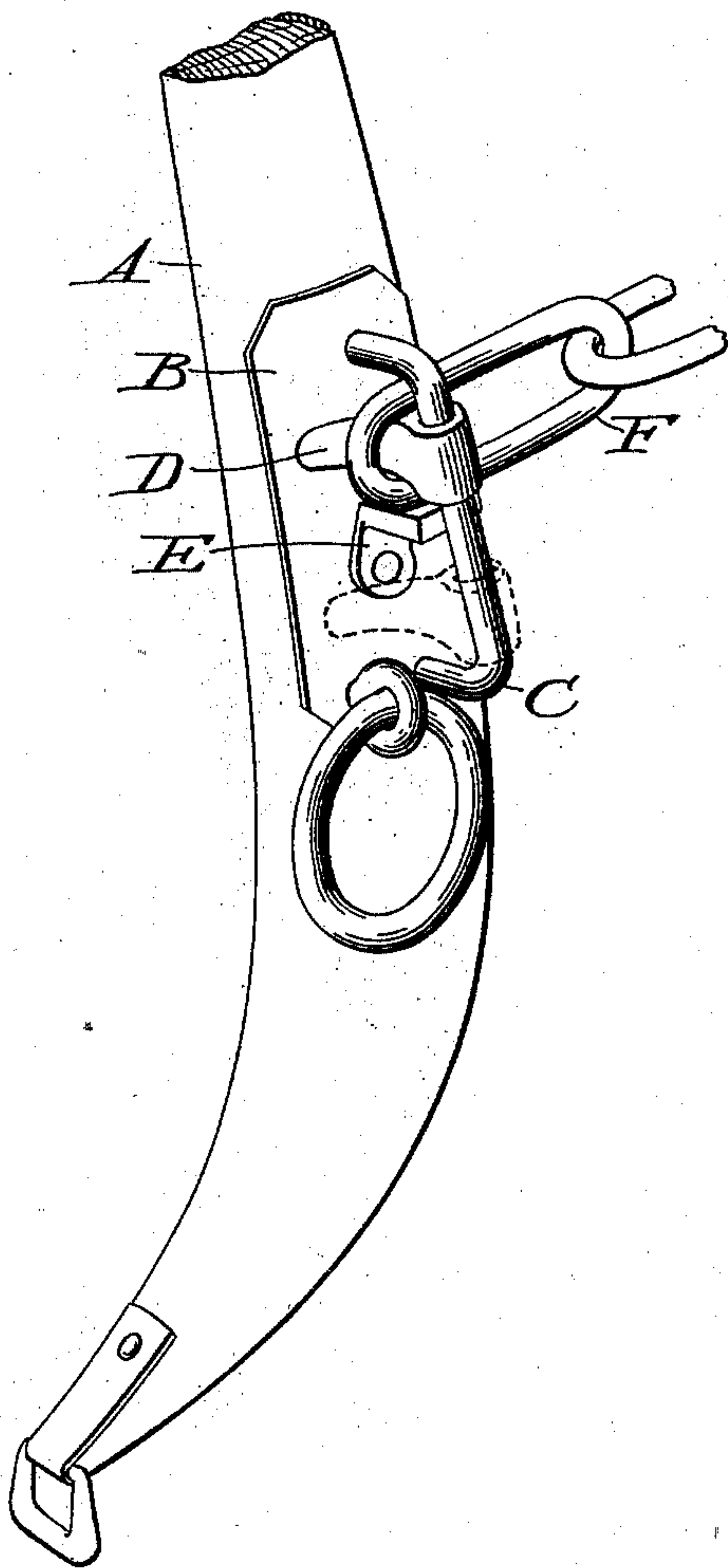
(No Model.)

L. ANDERSON.  
HAME.

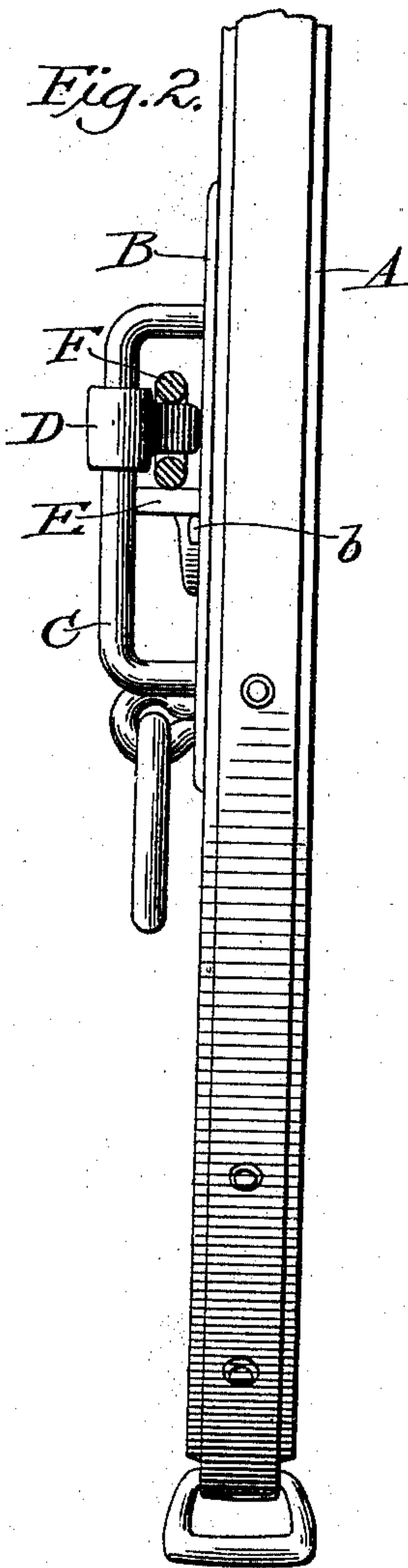
No. 505,430.

Patented Sept. 26, 1893.

*Fig. 1.*



*Fig. 2.*



Witnesses:

James F. Duhamel  
Horace A. Dodge.

LEE ANDERSON,  
Inventor,

by Dodge & Sons,  
Attys.

# UNITED STATES PATENT OFFICE.

LEE ANDERSON, OF PARIS, TEXAS, ASSIGNOR OF THREE-FOURTHS TO THOMAS BROAD, JOHN MARTIN, AND E. W. RUSH, OF SAME PLACE.

## HAME.

SPECIFICATION forming part of Letters Patent No. 505,430, dated September 26, 1893.

Application filed February 8, 1893. Serial No. 461,472. (No model.)

*To all whom it may concern:*

Be it known that I, LEE ANDERSON, a citizen of the United States, residing at Paris, in the county of Lamar and State of Texas, have  
5 invented certain new and useful Improvements in Harness-Hames, of which the following is a specification.

My invention relates to harness hames, and more particularly to the fastening devices  
10 employed for securing the trace chains or the tugs thereto.

The object of my invention is to provide a simple and efficient means of attachment, which shall permit adjustment to be readily  
15 made to adapt the line of draft or the pulling point to the length of the hames, the height and form of the animal, and other controlling conditions.

In the drawings,—Figure 1 is a perspective  
20 view of so much of a hame as is necessary to illustrate my invention; and Fig. 2 is a rear view of the same.

A indicates a hame to which is riveted or otherwise fastened a metallic plate B, said  
25 plate being of a length to include the extremes of adjustment necessary to be made. Secured to this plate is an elongated staple C, and swiveled upon this staple is a tongue D. This tongue is free under certain conditions to move from one end to the other of the staple, and its outer end is arranged to bear normally against the plate B. The under face of the tongue is preferably fashioned to conform to the face of the plate B,  
35 upon which it is desirable that the tongue shall have a firm bearing. About midway of the plate B, and forward of the staple, I provide an L-shaped turn button or block E, said block being pivoted at its lower end and  
40 adapted to swing under the staple C. The movement of this button is limited by a stop or pin *b* projecting from plate B.

F indicates a trace chain or tug, or the usual link attached to the end thereof, which,  
45 as shown in Fig. 1, is designed to be brought into engagement with the tongue D. This

engagement is effected by pushing the link F under the tongue D until the end of the tongue drops into the link, when the movement of the link is reversed and it rides up  
50 on the tongue and causes the nose to bear upon the plate B, thus placing the direct strain equally upon the staple and the plate. As shown in Fig. 1, the line of draft is at its highest point, and the link is held in this position by reason of its bearing on the upper  
55 face of button E which is held against the stop *b* by the pressure of the link upon it, and the more pressure that is exerted upon said button, the more fixed it becomes in its position by reason of the stop being placed  
60 in rear of its pivot. To lower the line of draft, as is often required, I simply push the link F forward, turn up the tongue D, withdraw the link, and while the tongue is elevated or pushed to the upper end of staple  
65 C, turn the button down out of the way, and then slide the tongue to the lower end of the staple, where it is again ready for engagement with link F, the button in the meantime having been turned up into its normal position. It will thus be seen that the line  
70 of draft may be readily changed, and without removing the harness from the animal, as a short forward movement of the trace chain or tug and movement of the button is all that is necessary to allow the adjustment to be effected.

While I have shown in the drawings but one button, I do not wish to limit myself  
80 thereto, as the staple may be made longer and two or more buttons provided, giving greater range of adjustment.

Having thus described my invention, what I claim is—  
85

1. In a trace or tug fastener, the combination with the hame, of a staple secured thereto, a pivoted tongue mounted on the staple, and a button to limit the movement of the tongue.  
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2. In a trace or tug fastener, the combination with the hame, of a staple secured there-



to, a pivoted tongue mounted on the staple, a button pivoted to the hame, and a stop to limit the movement of the button.

3. In a trace or tug fastening, the combination of a hame, a plate secured thereto, an  
5 elongated staple secured to the plate, a pivoted tongue mounted on the staple and adapted to bear at its free end upon the plate, a button pivoted to the plate and adapted to

limit the movement of the tongue on the staple, and a stop to limit the movement of the button.

In witness whereof I hereunto set my hand in the presence of two witnesses.

LEE ANDERSON.

Witnesses:

ALBERT SCALES,

LEON M. ESTABROOK.