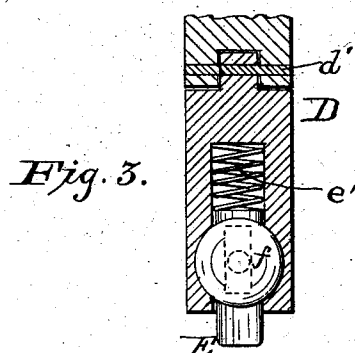
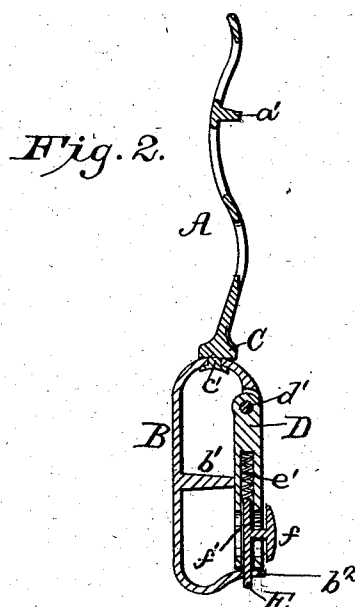
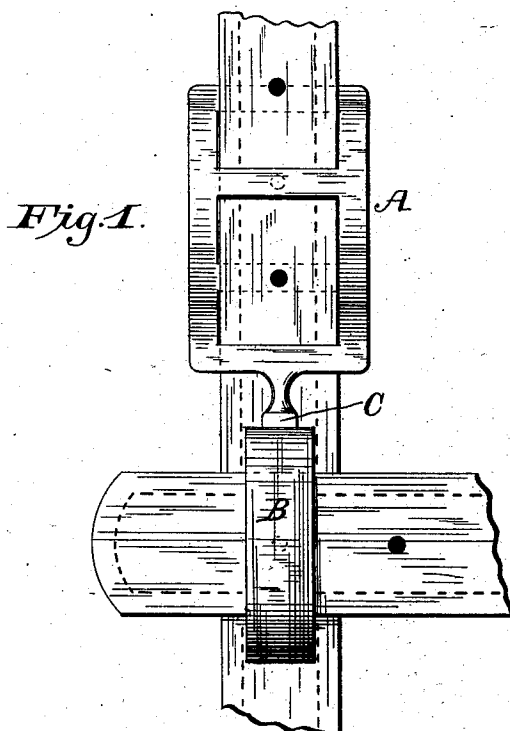


(Model.)

T. MEYER.
TRACE SUPPORTER.

No. 259,034.

Patented June 6, 1882.



Attest:
A. M. Burnham.
Wm. R. Henry
Powell

Inventor:
Thos. Meyer
per Robert M. Newton
Attorney.

UNITED STATES PATENT OFFICE.

THOMAS MEYER, OF LOGANSPOUT, INDIANA, ASSIGNOR OF ONE-HALF TO
HENRY TUCKER, OF SAME PLACE.

TRACE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 259,034, dated June 6, 1882.

Application filed April 18, 1882. (Model.)

To all whom it may concern:

Be it known that I, THOMAS MEYER, a citizen of the United States, residing at Logansport, in the county of Cass and State of Indiana, have invented a new and useful Improvement in Trace-Supporters, of which the following is a specification.

My invention relates to improvements in trace-supporters for use with single or double harness of light or heavy draft, in which a metallic frame is attached to the hip-strap in harness without breeching, and in harness with breeching is properly connected with the breeching by a short leather stay, and which has at its lower end an axis for holding a loop for supporting trace; and the object of my invention is, first, to prevent sagging of the trace, and, secondly, in furnishing a trace-carrier to save leather in the manufacture of harness provided with trace-supporters. I attain these objects by the device illustrated in the accompanying drawings, in which—

Figure 1 is a top view of my trace-supporter properly adjusted upon the hip-strap with a trace inserted in the loop, ready for use. Fig. 2 is a vertical sectional view of my trace-supporter, showing short rigid pin in the center of the second cross-bar of the buckle-frame, and showing at the lower end of said frame a projecting knob having at its extreme end a vertical pivot to form an axis for semi-rotary movement of the loop, also showing the loop provided with a rigid pin in the center of the interior surface of its outer side for holding the trace in place, and having in its inner surface a swinging tongue, attached by means of a pivot, and provided with a spiral spring and bolt, moved by a button, and showing a slot in which the button is operated to lock the tongue in place. Fig. 3 is a lateral sectional view of the tongue, showing in its upper end a shoulder and pivot and in its central part a spiral spring, with bolt and button, working in the slot.

Similar letters refer to similar parts through the several views.

A represents the buckle-frame of my device, curved in reverse directions, as shown.

a' represents a short rigid pin for securing the frame to the saddle-girth.

B is the loop for supporting the trace; b' , a rigid pin for holding the trace within the loop B.

C is a projecting knob of the frame A, embracing the axis c' for attaching it to the loop B.

D represents a tongue, forming the inner wall of the loop B, to which it is attached by means of the pivot d' .

E is a bolt, moved by the spiral spring e' by means of the button f , working in the slot f' .

The frame A is made to receive the hip-strap or leather stay in proper manner, and is made fast to the same by the rigid pin a' .

The loop B is attached to frame A upon the axis c' at the end of the projecting knob C of the frame A, and is adapted to move as a swivel upon axis c' .

The tongue D may be raised upon its pivot and the trace properly inserted into the clasp B, and made fast by means of the rigid pin a' . The tongue D is then returned to its position and secured by the bolt E and catch b^2 . The trace is now properly adjusted for service.

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

1. The combination, in a trace-supporter adapted to be attached to the hip-strap of a harness without breeching, and in harness with breeching to a short leather stay on the same, of the frame A, having vertical parallel side bars, with four transversely-parallel bars, its lower part provided with a knob, C, having at its extreme end the axis c' , with the loop B, having rigid pin b' , tongue D, the pivot d' , spiral spring e' , the bolt E, slot f' , and button f'' , all substantially as described, and for the purposes specified.

2. In a trace-supporter, the loop B, having rigid pin b' , and tongue D, with bolt E, adapted to be moved against spiral spring e' by means of the button f , working in the slot f' .

THOMAS MEYER.

Witnesses:

M. S. COULTER,

FRED. W. MUNSON.