

M. T. BURKE.

TRACE-BUCKLE.

No. 169,519.

Patented Nov. 2, 1875.

Fig. I.

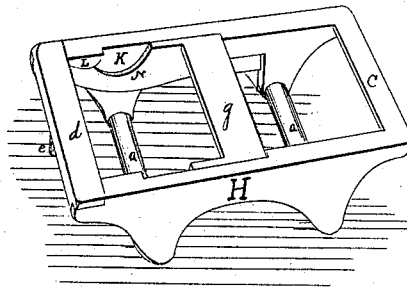


Fig. IV.

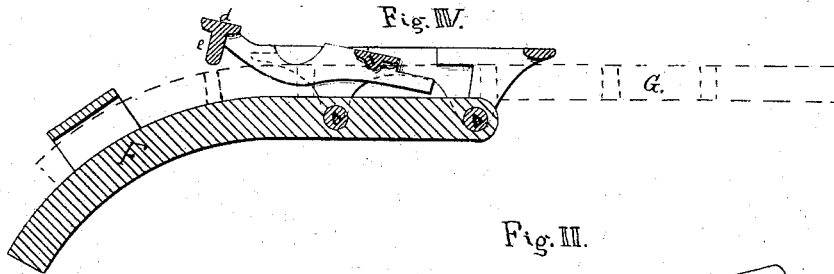


Fig. III.

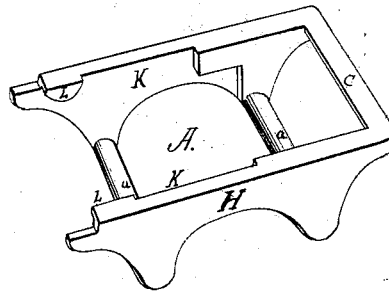
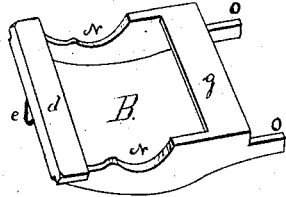


Fig. III.



WITNESSES  
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## IMPROVEMENT IN TRACE-BUCKLES.

Specification forming part of Letters Patent No. 169,519, dated November 2, 1875; application filed July 7, 1875.

*To all whom it may concern:*

Be it known that I, MELANCTHON T. BURKE, of Portsmouth, in the county of Scioto and State of Ohio, have invented an Improved Trace-Buckle; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, making part of this specification.

Figure I is a perspective view of the buckle complete. Fig. II is a perspective view of the frame of the buckle. Fig. III is a perspective view of the sliding wedge of the buckle. Fig. IV is a side or sectional view of the frame and sliding wedge, showing the parts with hame-tug F and trace G of a harness attached.

Letters designate corresponding parts in all of the figures.

The trace-buckle is composed of two parts—the frame A, Fig. II, and the sliding wedge B, Fig. III. The frame A has two side pieces, H, with cross-bars *aa* at the bottom, to which the hame-tug is fastened, with recesses K and projections L, together with a cross-bar, *c*, on the top end, under which the trace passes. The sliding wedge B has rolling sides with recesses N and flanges O, a cross-top bar, *d*, with a tongue or stud, *e*, on its under side, and a second cross-bar, *g*, near the other end, with a bead, *i*, on its under side, as shown in Fig. IV. The sliding wedge B, with its rolling sides, flanges, and recesses, fits neatly into the frame A of the buckle, when the top bar *g* of the wedge comes immediately in the center, as shown in

Fig. I, and directly between the lower bars *a* of the frame. Side and end loops may be attached so that it can be used for a "team"-harness.

In attaching the buckle to the harness or trace, the hame-tug is made fast to the lower cross-bars of the frame, the sliding wedge is put partly into the frame, the trace is then passed through between the lower cross-bars and the upper ones, and, by slightly bending the trace and pushing it forward, one of its holes receives the tongue or stud at the end of the wedge. The trace may then be pulled, when the sliding wedge enters the frame, and the trace is made fast. There is no danger of its becoming accidentally detached, and the operation for shortening or lengthening the trace is so easy that it may be altered in a moment's time.

What I claim as my invention, and desire to secure by Letters Patent, is—

A trace or harness buckle consisting of the frame A, having side pieces H, lower cross-bars *aa*, top bar *c*, side flanges K, and projections L, in combination with the sliding wedge B, having rolling sides, cross-bars *d* and *g*, recesses N, and flanges O, and a tongue or stud, *e*, on its front cross-bar, substantially as herein specified.

M. T. BURKE.

Witnesses:

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