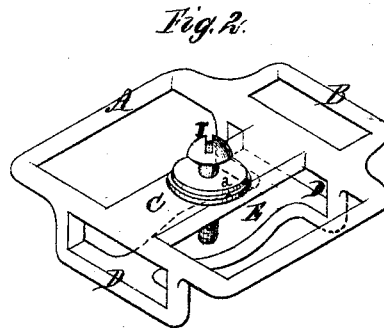
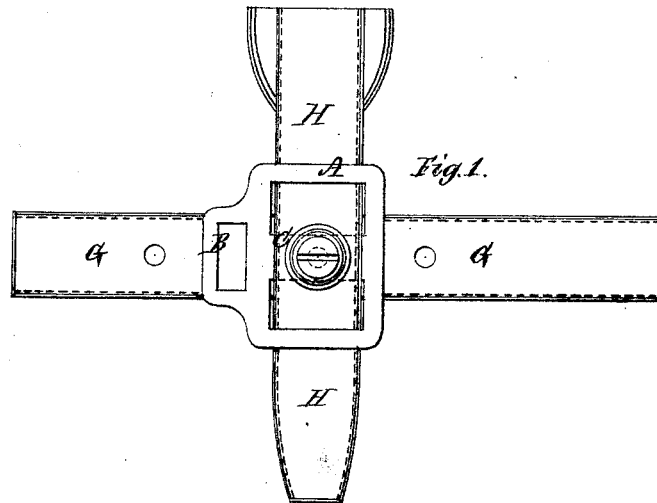


WILLIAM G. RILEY.

Improvement in Trace-Buckles.

No. 114,201.

Patented April 25, 1871.



Witnesses
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E. Alexander

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United States Patent Office.

WILLIAM G. RILEY, OF SULLIVAN, INDIANA.

Letters Patent No. 114,201, dated April 25, 1871.

IMPROVEMENT IN TRACE-BUCKLES.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, WILLIAM G. RILEY, of Sullivan, in the county of Sullivan and State of Indiana, have invented certain new and useful Improvements in Adjustable Trace-Loops; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing and to the letters of reference marked thereon which form a part of this specification.

The nature of my invention consists in the construction and arrangement of an adjustable trace-loop for short-tug harness, 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 drawing, in which—

Figure 1 is a view of the loop, with the trace and back-band inserted; and

Figure 2, a perspective of the loop itself.

This loop is made of cast-iron, and composed of a rectangular frame, A, with a loop, B, in the center of the rear side, and a cross-bar, C, crossing the frame in the center.

On the outer side of the frame A are formed two

loops, D D, connected by a cross-bar, E, which runs parallel with the cross-bar C.

G is the hame-tug, which is passed through the loops D D, as shown, and the back-band H is then passed under one of the ends of the frame A, over the cross-bar C, and then through or under the other end of the frame.

A headed screw is then passed through holes in the back-band, cross-bar C, washer *a*, and the hame-tug, and screwed into the cross-bar E. By this means the hame-tug on a short straight-tug harness may be readily lengthened and shortened at will.

Having thus fully described my invention,

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

The within-described trace-loop, consisting of the frame A, loops B D D, and cross-bars C E, constructed and arranged as described, and used in connection with the screw I and washer *a*, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing as my own I affix my signature in presence of two witnesses.

WILLIAM G. RILEY.

Witnesses:

SAMSON SHALTER,
CRAVEN REED.