

(No Model.)

F. F. CONNER.  
TRACE SUPPORT.

No. 422,382.

Patented Mar. 4, 1890.

Fig. 1

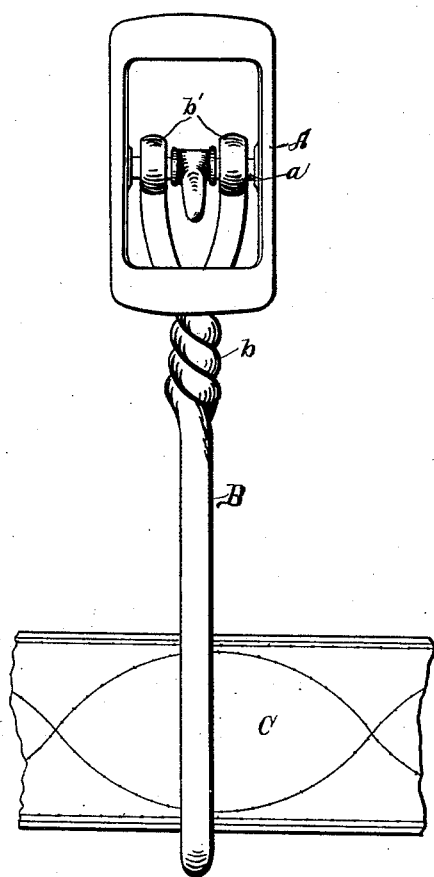
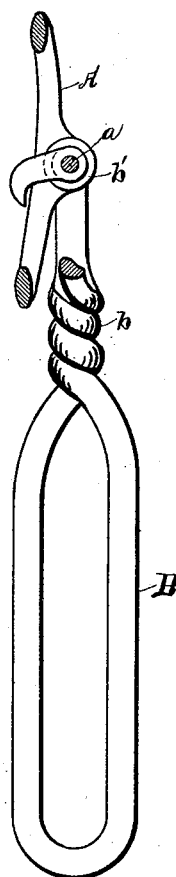


Fig. 2



Witnesses:  
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# UNITED STATES PATENT OFFICE.

FLORENCE F. CONNER, OF CINCINNATI, OHIO.

## TRACE-SUPPORT.

SPECIFICATION forming part of Letters Patent No. 422,382, dated March 4, 1890.

Application filed June 27, 1889. Serial No. 315,702. (No model.)

*To all whom it may concern:*

Be it known that I, FLORENCE F. CONNER, of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Trace-Supports; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it pertains to make and use the same.

My invention relates to improvements in trace-supports, the invention consisting, essentially, of a metal loop hinged or pivoted to a buckle, the latter being adapted to fasten to a supporting-strap of the harness, to the end that such trace-support is cheaper and more durable than those of leather heretofore in use.

In carrying out my invention the style of buckle and form or design of the metal loop may be varied indefinitely, according to the fancy of the designer or the demand of the trade.

In the accompanying drawings is shown a suitable form of buckle and loop constituting a trace-support and embodying my invention. Figures 1 and 2 are elevations taken at right angles to each other.

A represents a buckle, and B a metal loop hinged to the buckle, the loop being adapted to support trace C. The loop shown consists of heavy wire twisted together at *b*, and the ends of the wire being bent around cross-bar *a* of the buckle, as shown at *b'*. The buckle

is for attaching to a strap (not shown) for supporting the device, such strap being connected with the harness. As aforesaid, various other forms of buckle would answer the purpose, and the metal loop may be varied indefinitely without departing from the spirit and purpose of my invention. For instance, the buckle should correspond with the other buckles of the harness and the metal loop should conform, as far as practicable, with the other trimmings of the harness, and consequently such trace-support would likely be changed from time to time according to the style of harness in vogue.

If the loop were made, for instance, of malleable cast-iron, the appearance of the loop would likely be materially changed.

What I claim is—

As an improved article of manufacture, a trace-support consisting, essentially, of a buckle and a wire bent into U shape and having its free ends secured to a cross-bar of the buckle, the two limbs of said wire being twisted together at a point below the free ends, forming a closed loop, the latter being located below the buckle, substantially as set forth.

In testimony whereof I sign this specification, in the presence of two witnesses, this 4th day of April, 1889.

FLORENCE F. CONNER.

Witnesses:

M. O. SENSENY,  
EMIL W. JAITE.