

(Model.)

J. BRUNSON.
TRACE SUPPORTER.

No. 259,808.

Patented June 20, 1882.

Fig. 1.

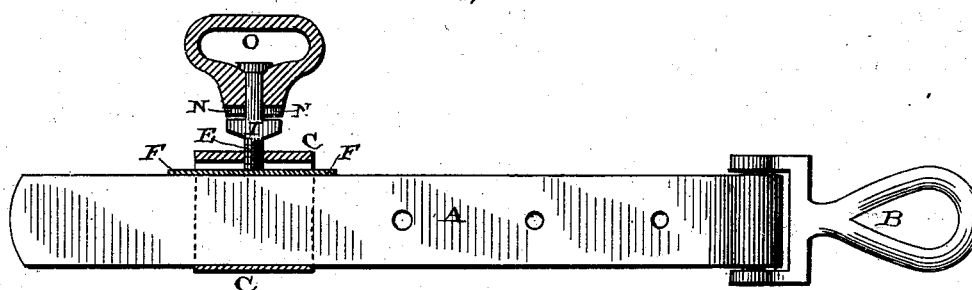
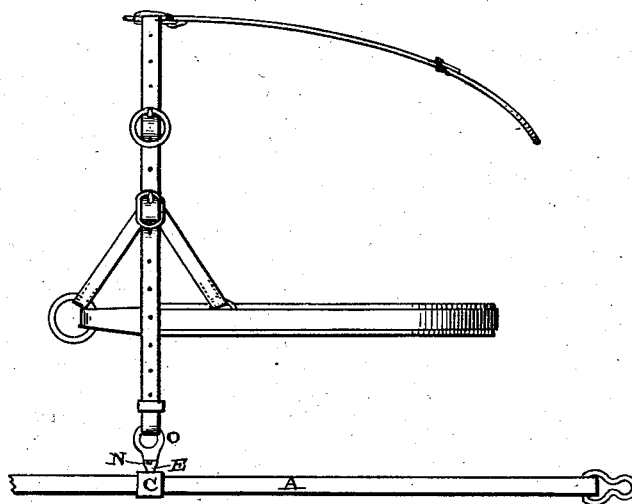


Fig. 2.



Witnesses
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UNITED STATES PATENT OFFICE.

JOHN BRUNSON, OF BERRIEN SPRINGS, ASSIGNOR OF ONE-HALF TO ABRAHAM J. KNISELY, OF BENTON HARBOR, MICHIGAN.

TRACE-SUPPORTER.

SPECIFICATION forming part of Letters Patent No. 259,808, dated June 20, 1882.

Application filed April 3, 1882. (Model.)

To all whom it may concern:

Be it known that I, JOHN BRUNSON, of Berrien Springs, in the county of Berrien and State of Michigan, have invented certain new and useful Improvements in Trace-Supporters; 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 it, reference being had to the accompanying drawings, which form part of this specification.

My invention relates to an improvement in trace-supporters; and it consists in a slide which is applied to the trace, and which can be adjusted freely back and forth upon it and held in any desired position, and which is provided with a ring, hook, or any other similar device for supporting the trace, as will be more fully described hereinafter.

The object of my invention is to provide a support for traces which can be adjusted back and forth and secured in any desired position upon the trace, and which can be hooked or attached to any suitable part of the harness, so as to keep the traces up from the ground.

Figure 1 is a vertical section of my invention. Fig. 2 is a side elevation of the same.

A represents an ordinary trace, which is provided with a cockeye, B, for catching over the end of the whiffletree, in the usual manner. Placed upon this trace is the slide C, of any suitable shape, size, or construction, down through the top of which passes the set-screw E.

In order to prevent the set-screw from injuring the edge of the trace, where it comes in contact with it, a plate, F, is placed inside of the frame and upon the top of the trace, so as to have the lower end of the screw bear directly upon it. This plate has its ends made enough wider than the opening through the frame to prevent it from becoming displaced while the frame is being moved back and forth upon the trace.

I do not limit myself to a screw, as here shown, for a spring, catch, hook, or other suitable device may be used for holding the frame in any position into which it may be adjusted.

A set-screw is here shown only for the purpose of illustrating one means of holding it in any desired position.

The set-screw is provided with a handle, I, at any suitable point below its upper end, so that the screw can be tightened or loosened whenever so desired. That portion of the screw above this handle is preferably made smooth, and applied to this portion is the swiveled ring, loop, or other similar device, O, which turns freely thereon. In order to enable this ring or loop to turn the screw, a suitable notch, N, is cut in its lower edge, which can be made to catch down over the top of the handle which is formed on the screw when the ring or loop is pushed downward. When the ring or loop, however, is raised up above the handle, it will revolve freely upon the screw without in any way affecting it. As the ring or loop turns freely upon the upper part of the screw, it is always ready to be caught upon and fastened to any hook or other device attached to the harness for that purpose, though the supporter will be generally fastened to a supporting-strap.

By means of my attachment the supporter can be moved back and forth upon the trace, so as to support it in any desired position and prevent all necessity of having to twist them into a loop or tie them in a knot to keep them from the ground.

Having thus described my invention, I claim—

1. In a trace-supporter, the combination of the trace, a metallic slide applied thereto, a fastening device for holding the slide in place, and a supporting-strap, substantially as shown.

2. The combination, in a trace-supporter, of a slide, a set-screw, and a ring or loop which is swiveled upon the upper end of the screw, substantially as set forth.

3. The combination, in a trace-supporter, of the slide, which is adjustable back and forth upon the trace, a set-screw which is passed through the upper part of the slide, and which is provided with a handle below its upper end, and a ring or loop which is swiveled upon the

upper smooth portion of the screw, and which can be used to tighten or loosen the screw, substantially as specified.

4. The combination, in a trace-supporter, of
5 a slide which is adjustable back and forth upon the trace, a set-screw fastening the slide in place, a plate which is interposed between the top of the trace and the lower end of the set-screw, a ring or loop which is swiveled

upon the upper part of the set-screw, and a strap or other suspending device, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

JOHN BRUNSON.

Witnesses:

RUFUS BRUNSON,

A. PLUMMER.