

JOHN U. FIESTER.

Improvement in Harness Hooks.

No. 123,340.

Patented Feb. 6, 1872.

Fig. 1

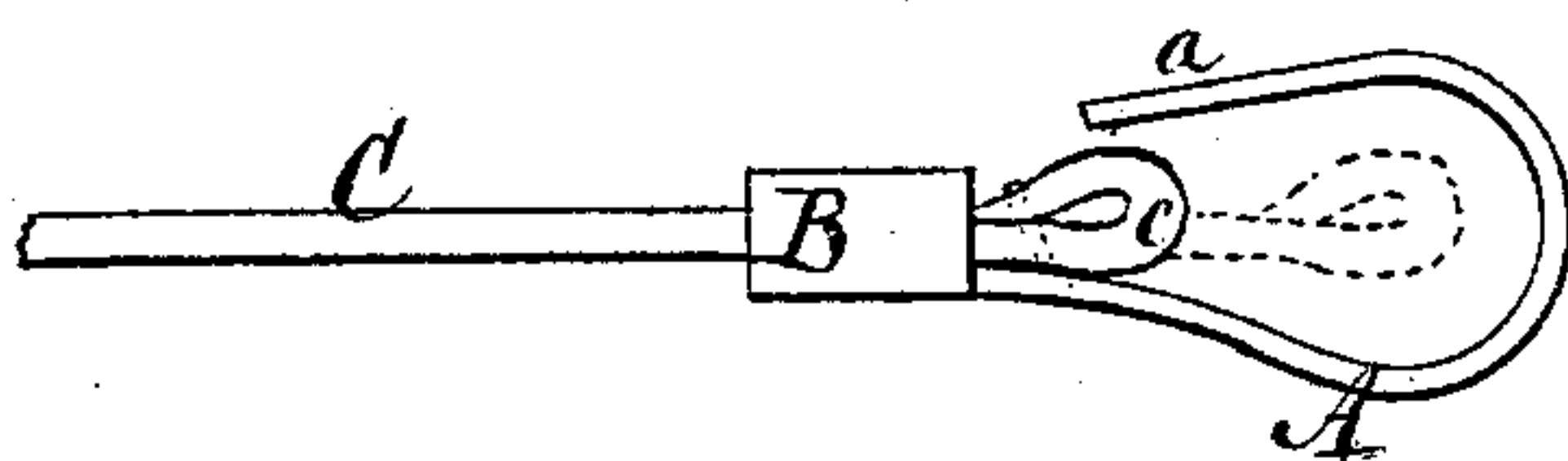


Fig. 2.

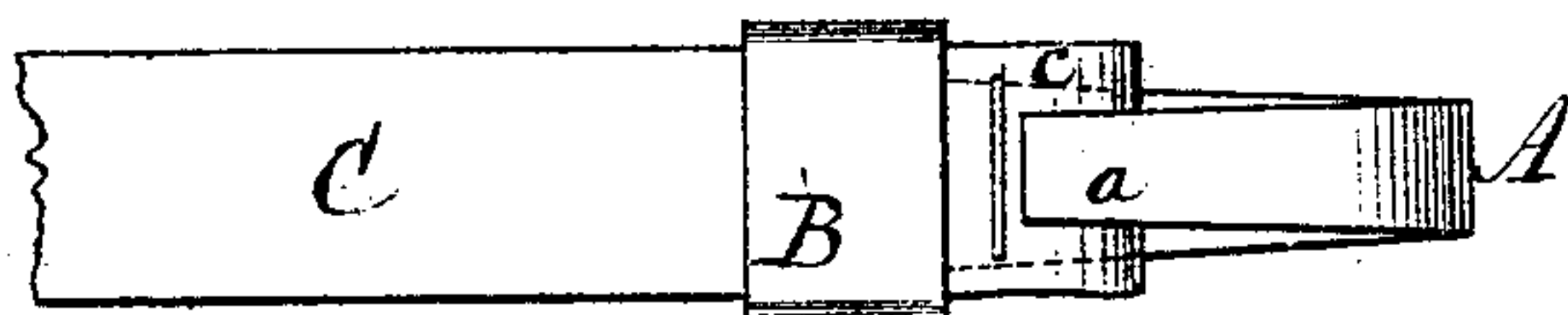
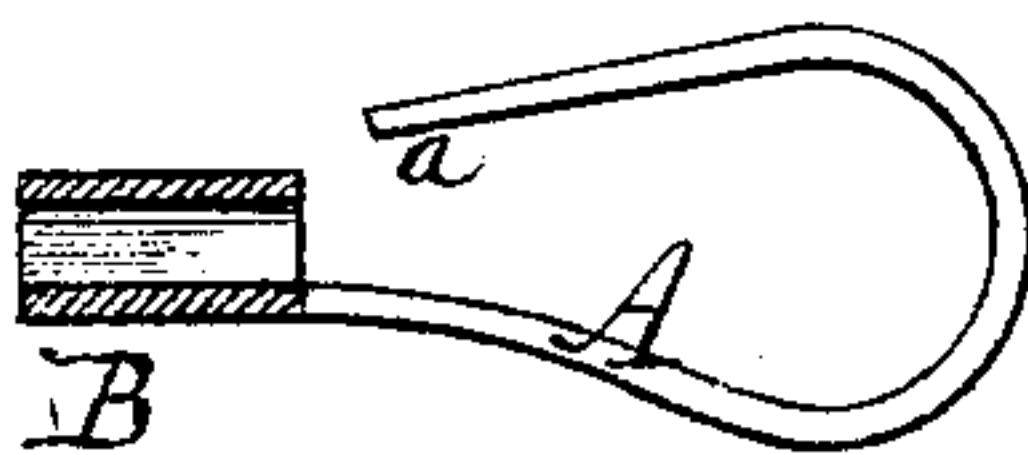


Fig. 3.



Witnesses:

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UNITED STATES PATENT OFFICE.

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IMPROVEMENT IN HARNESS-HOOKS.

Specification forming part of Letters Patent No. 123,340, dated February 6, 1872.

SPECIFICATION.

To all whom it may concern:

Be it known that I, JOHN U. FIESTER, of Winchester, in the county of Guernsey and State of Ohio, have invented a new and useful Improved Harness-Hook; and I do hereby declare that the following is a full, clear, and exact description thereof, sufficient to enable those skilled in the art to which my invention appertains to make and use the same, reference being had to the accompanying drawing making part of this specification, and to the letters and figures marked thereon.

My invention relates to an improvement in harness-hooks; and it is especially designed for securing reins to the bit, although it may be readily applied to hold-back straps, traces, and other parts of the harness. It consists of a metallic hook having a tapering hollow end, made round or flat, through which the end of the rein is drawn, said end of the rein being made of double thickness and wedge-shaped, for the purpose of filling up the space between the end of the hook and its back, so as to prevent the hook from slipping out of the ring, as hereinafter more fully set forth.

Heretofore the reins have been secured to the rings on the bit by means of buckle-fastenings and sometimes by snap-hooks; but the former method is objectionable, as it is difficult and troublesome to fasten the buckles, and the ends are soon worn through, while the snap-hooks are easily broken, and are not capable of resisting the great strain upon them.

My hook is especially designed to overcome these objections, and at the same time to present a hook that will hold the reins securely, and that can be produced at less cost; is less troublesome, because of its greater simplicity; and is without the disadvantages named, and more effective.

In the accompanying drawing, Figure 1 is a side view of the hook, with the rein in place. Fig. 2 is a top view of the same. Fig. 3 is a side view of the hook, showing the "loop" or hollow end in section.

A represents the hook, made of metal, and

having its end, B, made hollow, which latter I call the "loop." The rein C is made double at c, and trimmed down so as to be wedge-shaped, and for further thickness, when necessary, may have an additional piece of leather or a piece of wire secured in between. The end thus constructed is sewed together or otherwise fastened, and is then slipped through the loop before its other ends are sewed together; or the wedge-shaped end may be formed after it has been slipped through, as may be found necessary or convenient. Of course, this loop may be made round or flat for corresponding reins.

The loop is also made tapering or wedge-shaped in its cross-section, to facilitate the removal of the rein; but this wedge-shape of the loop, being opposite to that of the rein, does not allow of the rein being wedged in.

To attach the hook to the ring on the bit the rein is pushed up into the hook, as indicated in dotted lines in Fig. 1, and the hook slipped over the ring and the rein pulled back, when it fills up the space between the back of the hook and the end a, as shown, and effectually prevents the hook from becoming disengaged from the ring.

Of course, this hook can be readily applied to hold-back straps, traces, and other parts of harness where buckles or snap-hooks have been used.

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

The harness-hook herein described, formed with the hook A and hollow end or loop B, in combination with the wedge-shaped end of the rein C or other article of harness to which it is applied, when constructed and arranged in manner as described, so that the wedge-shaped end may be pushed up to attach the hook, and when pulled back prevents displacement of the hook, all as herein shown and set forth.

Witnesses: JOHN U. FIESTER
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