

John Merlett, Imp^r in Fastenings for Halter Leads.

PATENTED JUN 21 1870

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Fig. 1.

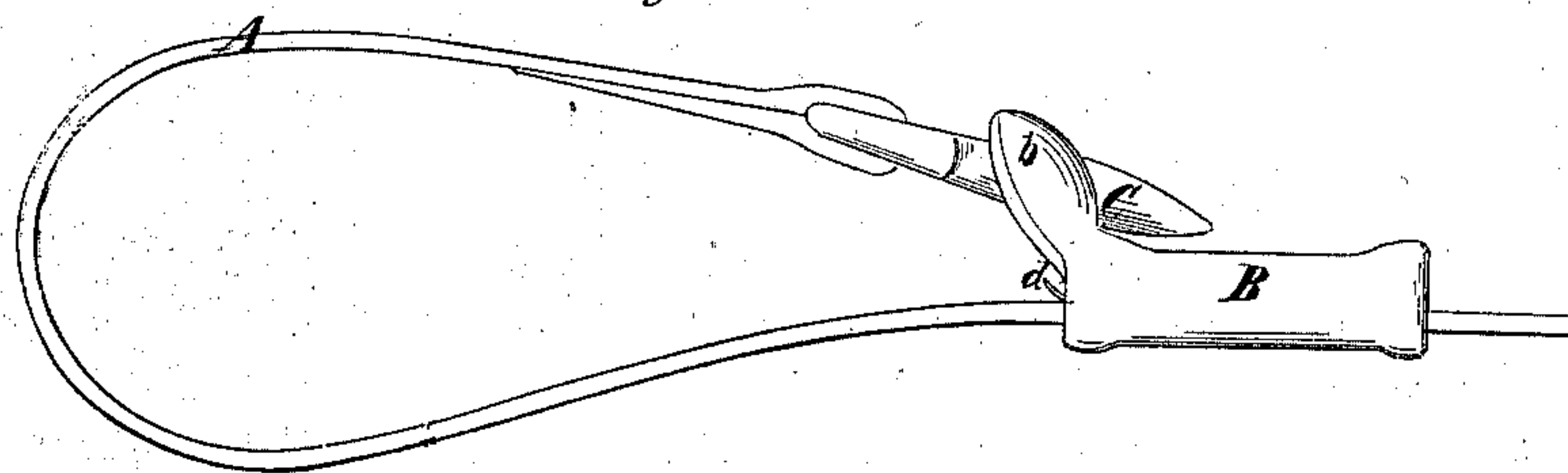


Fig. 5.

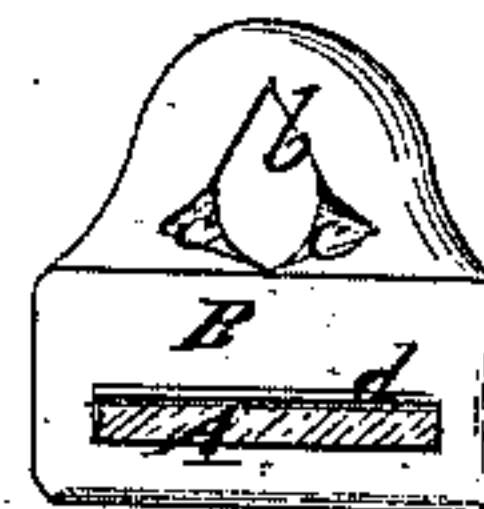


Fig. 2.

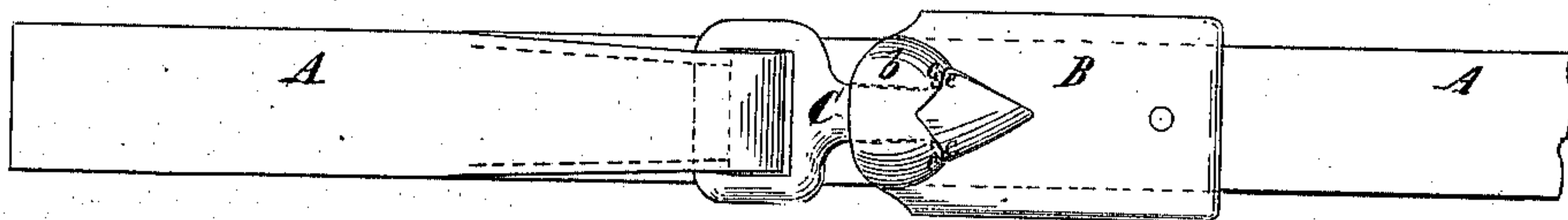


Fig. 3.

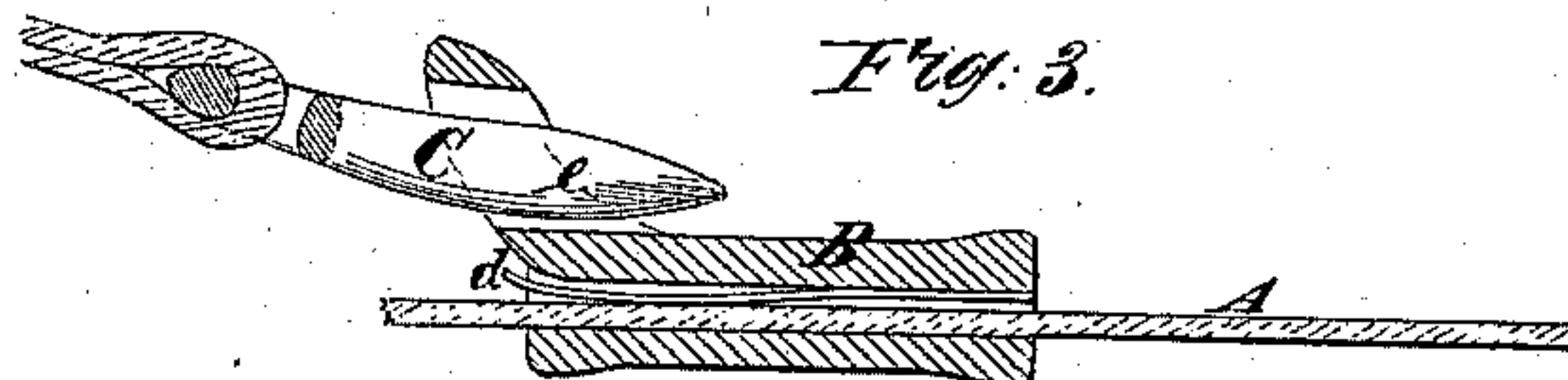
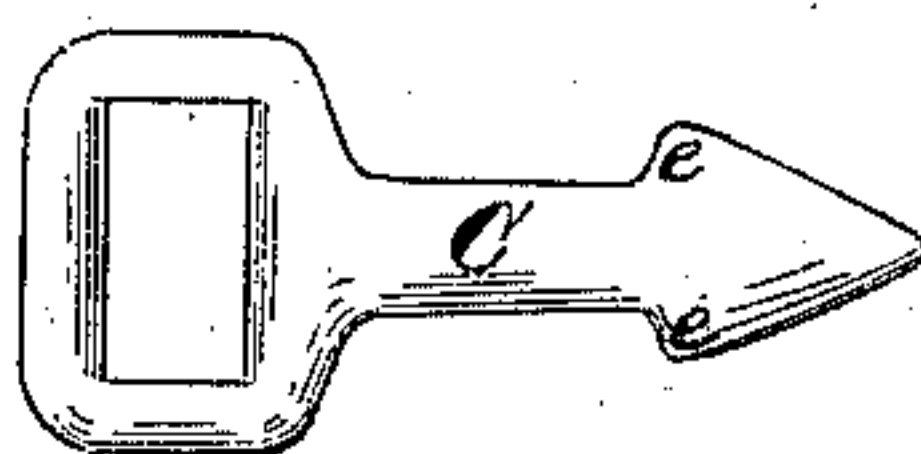


Fig. 4.



Witnesses:
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JOHN MERLETT, OF BOUND BROOK, NEW JERSEY.

Letters Patent No. 104,622, dated June 21, 1870.

IMPROVED METHOD OF FASTENING LEADS.

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, JOHN MERLETT, of Bound Brook, in the county of Somerset and State of New Jersey, have invented a new and useful Improvement in Fastenings for Halter-Leads, of which the following is a full, clear, and exact description.

My invention consists in the peculiar construction of a tongue attached to the end of the strap of the halter-lead, in combination with a peculiarly-formed slide surrounding the strap, whereby great security and facility of attachment to and detachment from a ring, tree, post, or other fixture to which it may be desirable to hitch a horse, are obtained.

In the accompanying drawing which illustrates my invention—

Figures 1 and 2 are views, taken at right angles to each other, of a portion of the halter-lead, to which my fastening is applied.

Figure 3 is a longitudinal section of the slide with the tongue inserted therein;

Figure 4 is a face view of the tongue; and

Figure 5 is an end view of the slide.

Similar letters indicate corresponding parts in the several figures.

A is the strap of the halter-lead, to one end of which is permanently attached the metal tongue C, which is formed with a broad, flattened, pointed, and shouldered end, somewhat similar to a spear-head.

B is the slide surrounding and working on the strap, and having projecting from one side, on the end which is presented toward the tongue, an eye, *b*, the transverse sectional form of the interior of which, shown in fig. 3, is such that it will permit the spear-head-like portion of the tongue A to pass through it when the latter is turned up edgewise relatively to the slide, but not when parallel therewith.

This eye is countersunk in the back, as shown at *c c* in fig. 5, to receive the shoulders *e e* of the tongue.

This slide has placed within and secured to it a spring, *d*, which presses upon one side of the strap and prevents the slide from slipping too easily upon the strap.

To fasten the halter-lead to a ring or other fixture, the end of the strap to which the tongue is attached is passed through or around such fixture, and placed with its broad end edgewise relatively to the slide B, and in that position passed through the eye *b* thereof, until its shoulders *e e* protrude through the said eye, when it is turned one quarter round to bring it parallel with the slide, and then drawn back to bring its shoulders *e e* into the countersink *c c*, by which means the tongue is locked.

The loop formed by the portion of the strap between the slide and the tongue may be drawn up tight around the post or hitching-fixture by moving the slide along the strap, and while it is tight the tongue cannot get unlocked.

To unhitch the strap the slide must first be moved back far enough to slacken the loop of the strap, and the tongue is then pushed forward far enough to release its shoulders *e e* from the countersink *c c*, and, on being turned up edgewise, it may be withdrawn through the eye of the slide.

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

The combination of the tongue C, constructed with a broad-shouldered end, and the slide B, provided with an eye, *b*, arranged substantially as described, for the reception of said tongue.

Witnesses:

FRED. HAYNES,
R. E. RABEAU.

JNO. MERLETT.