

E. B. Winslow,

Trace Buckle

N^o 69,058.

Patented Sep. 17, 1867.

Fig: 1.

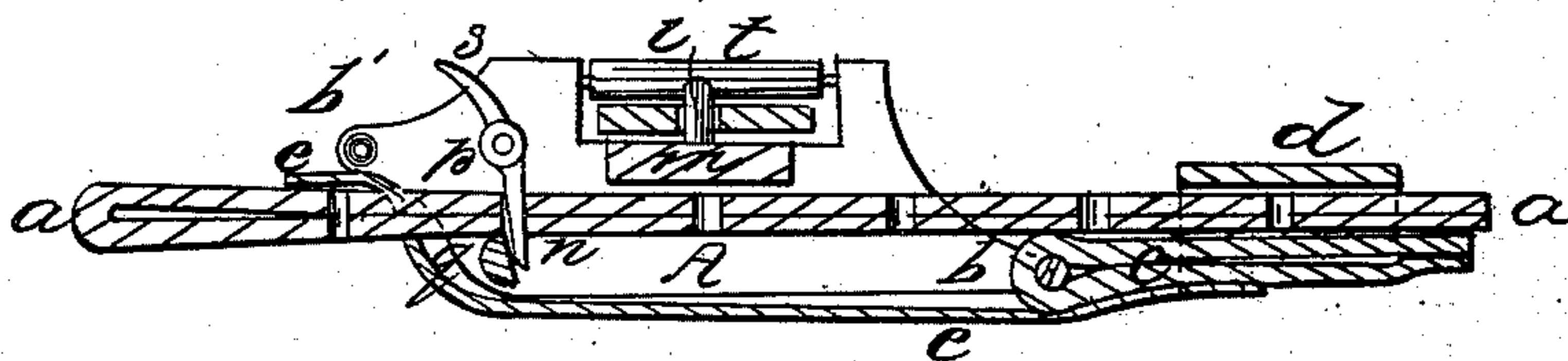
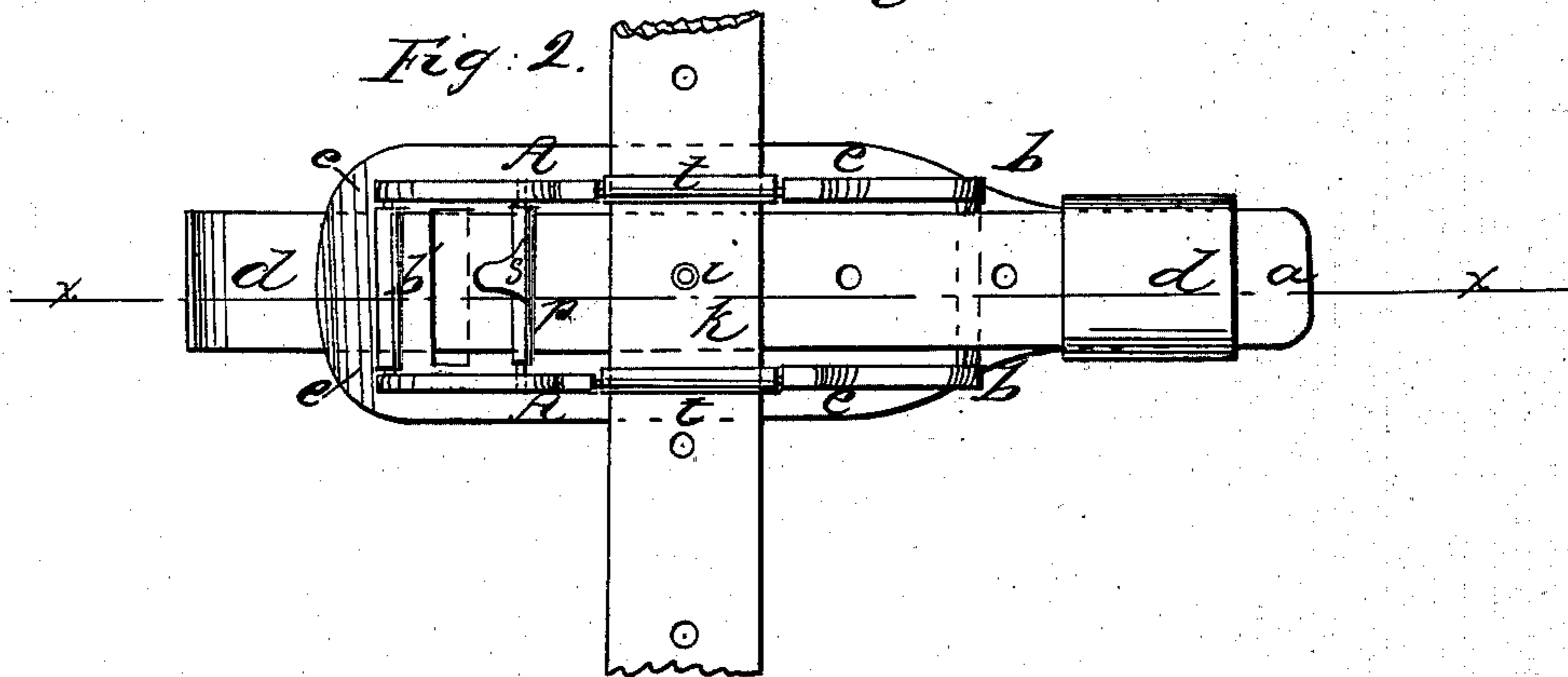


Fig. 2.



Witnesses

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United States Patent Office.

E. B. WINSLOW, OF CHATHAM, ILLINOIS.

Letters Patent No. 69,058, dated September 17, 1867.

IMPROVED TRACE AND PAD-BUCKLE.

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, E. B. WINSLOW, of Chatham, in the county of Sangamon, and State of Illinois, have invented a new and improved Trace and Pad-Buckle combined; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable others skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a longitudinal section of my improved combined trace and pad-buckle, showing its attachment to the trace and pad-strap.

Figure 2, a longitudinal section taken in the line *x x*, fig. 1.

Similar letters of reference indicate like parts.

The object of this invention is to fasten the trace and pad-strap with one buckle, serving the purpose of two buckles usually employed, making a large saving of strap-leather in the harness, while the pad is lighter, stronger, and neater and cheaper than any in use. The trace-buckle is also neater and stronger. The pad-straps work perfectly straight, and therefore wear better. The trace draws straight, and works smoother against the side of the horse. The hame-tug wears better, and has no hole cut in it for the buckle-tongue as usual.

The buckle is formed of the flat sides *A A*, which are separated wide enough to receive the trace *a a*. The ends of the buckle are slope-framed, and are connected by cross-bars *b b'*, in which are friction-rollers. On the bar *b*, at the bottom and front end of the buckle, is attached an ordinary tug-strap, *c*, that has the tuck-loop *d* fastened to it for the end of the trace to pass under, and connected with the strap *c* is a thin chafing-leather, *e*, which lies under the buckle, and has a hole in the end through which the trace *a* passes before entering the buckle, as shown in fig. 1, which strip of leather forms a bottom for the buckle to prevent chafing of the side of the horse. A flat bar, *m*, crosses from side to side in the middle of the buckle, and the sides *a a* have slots in them lengthwise, even with the top of the bar *m*, which slots are made wide enough to receive the pad-strap *k*, and are provided with friction-rollers *t t* on their upper sides. In the middle of the cross-bar *m* is a pin, *i*, projecting upward, which passes through a hole in the pad-strap *k*, to hold it in place, as shown in fig. 2, and between the cross-bar *m* and the back end of the buckle, is a tongue, *n*, attached to a cross-bar, *p*, that is swivelled in the sides *a a*. The tongue hangs forward and downward in such a manner that when the trace is run into the buckle of the tongue it will be pushed up out of the way, but when the trace is pulled back a little the tongue will enter a hole, and, passing through the trace, the end of the tongue will rest against a cross-bar, *q*, at the bottom of the buckle, and hold the trace firmly in place. But when the trace is to be drawn out it may be pushed forward a little to raise the tongue out of the hole, where it may be held by a thumb-piece, *s*, on the opposite side of the swivel-bar *p*, which keeps it up while the trace is drawn out of the buckle.

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

A combined trace and pad-buckle, formed of the sides *a a* connected by the bars *b b'*, *m*, and *q*, and having a trace-tongue, *n*, attached to a swivel-bar, *p*, constructed, arranged, and operating substantially as herein described.

E. B. WINSLOW.

Witnesses:

LEONARD LEDBROOK,
THOMAS McELWAIN.