BERN L. BUDD.

Improvement in Check Rein Fasteners.

No. 120,239. Patented Oct. 24, 1871.

Fig: 1.

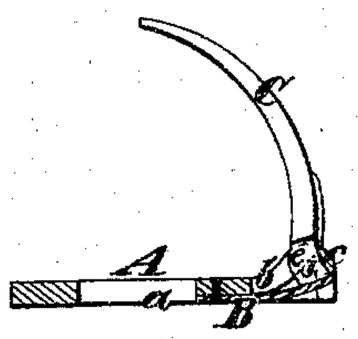


Fig: 2.

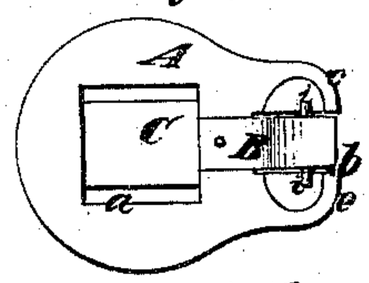


Fig: 3.

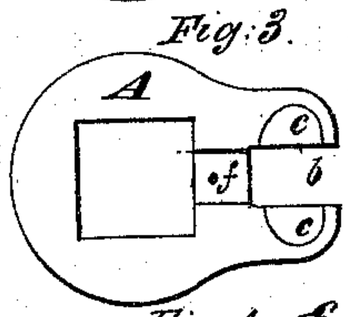


Fig: 4.

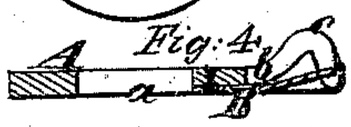
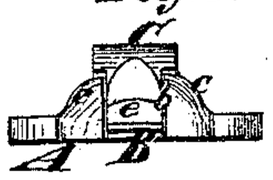
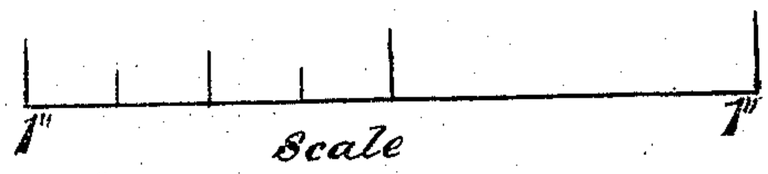


Fig: 5.





Witnesses:

Henry T. Brown

Fred Harper

Bern L. Budd

(L.S.)

120,239

UNITED STATES PATENT OFFICE.

BERN L. BUDD, OF FAIRFIELD, CONNECTICUT, ASSIGNOR TO JAMES S. MOTT, OF SAME PLACE.

IMPROVEMENT IN CHECK-REIN FASTENERS.

Specification forming part of Letters Patent No. 120,239, dated October 24, 1871.

To all whom it may concern:

Be it known that I, BERN L. BUDD, of the town and county of Fairfield and State of Connecticut, have invented a new and Improved Check-Rein Fastener; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawing forming part of this specification.

This invention relates to an improvement on the check-rein fastener which is the subject of Letters Patent No. 73,777, granted to John S. Campbell, January 28, 1868. It consists in a novel construction of the base-plate and manner of securing the spring, whereby the said base-plate may be made thicker, ample room is provided for the working of the spring, and the whole device made stronger and more durable.

In the accompanying drawing, Figure 1 is a central longitudinal section of my fastener. Fig. 2 is an inverted plan of the same. Fig. 3 is a similar view of the base-plate alone. Fig. 4 is a central longitudinal section with the tongue removed, and Fig. 5 is an end view of the fastener.

Similar letters of reference indicate corresponding parts in all the figures.

A is the base-plate, broader at the forward end, where it is of circular form, than at the rear, as shown in Fig. 2. The plate has a square hole, *a*, in the middle of said broader and circular portion, for the passage of the bolt, by which it is secured in place, and in its rear end there is a square recess or notch, *b*, the portion *c c* on each side of which, instead of being extended and bent over to form eyes for the reception of the tongue-pin or pivot, as in the patented fastener of Campbell above referred to, is stamped up to form hood-like bearings for the said pin or pivot, by means of which its ends are covered, and it is thereby prevented from slipping out of place. The portion of the plate between the notch *b* and hole *a* has in its under side a groove, *f*, nearly as wide as the notch itself for the reception of a steel spring, B, which projects into the said notch and bears against the end of the tongue C, and keeps it in place. This tongue C is curved longitudinally and is of a width corresponding with that of an ordinary check-rein hook. It has formed on its inner end a narrow neck or tenon, *e*, having a flat end, against which the spring B bears. A pin, *i*, extends through this neck *e*, and the projecting ends of the said pin form the pivots of the tongue. The tongue-pivots are first fitted within their bearings in the base-plate A, and the spring B is then riveted in the groove provided for it in the under side of the said plate and the projecting end of the spring bearing against the end of the neck of the tongue secures its pivots in their bearings and holds the tongue in position, both when extended and when lying against the base-plate. The groove provided in the plate for the spring may be of dovetail form.

This fastener is to be secured to the check-rein hook by the same bolt which secures the said hook to the saddle-tree, and the saddle need not be recessed to provide for the working of the spring, as the plate A is made of so much thicker metal than the spring and the bearings for the tongue-pivots so far raised as to provide ample room within the plate for the working of the spring.

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

The combination of the recessed base-plate A, the spring B, and tongue C, substantially as and for the purpose herein set forth.

BERN L. BUDD.

Witnesses:

HENRY T. BROWN,

FRED. HAYNES.

(23)