

L. B. JACKSON.

Improvement in Snap Hooks and Buckles.

No. 124,580.

Patented March 12, 1872.

Fig. 1.

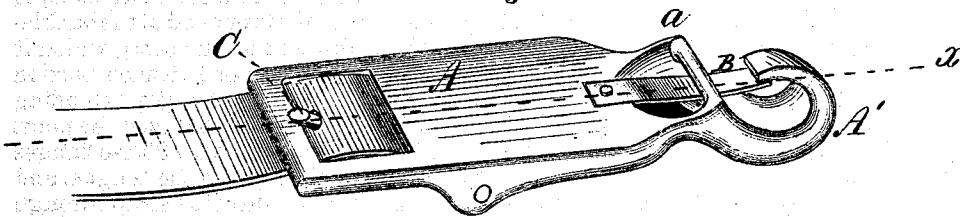


Fig. 2.

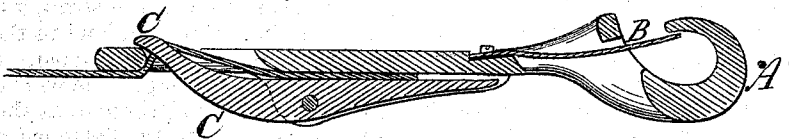
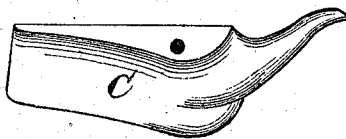


Fig. 3.



Witnesses
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UNITED STATES PATENT OFFICE.

LOUIS B. JACKSON, OF DELAWARE, OHIO, ASSIGNOR TO HIMSELF AND DANIEL B. GROFF, OF INDIANAPOLIS, INDIANA.

IMPROVEMENT IN SNAP-HOOKS AND BUCKLES.

Specification forming part of Letters Patent No. 124,580, dated March 12, 1872; antedated March 1, 1872.

To all whom it may concern:

Be it known that I, LOUIS B. JACKSON, of Delaware, in the county of Delaware, in the State of Ohio, have invented a certain Improvement in Combined Snap and Buckle; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the annexed drawing making a part of this specification, in which—

Figure 1 is a perspective view of my improved device, showing the snap and buckle, the manner of constructing and combining them, and a portion of the strap in the buckle. Fig. 2 is a central vertical section on line *x x* of Fig. 1, showing the construction of the parts and the position of the buckle-tongue. Fig. 3 is a perspective view of the buckle-tongue, showing the rounded portion which enters the hole in the tug or strap of a harness, and the broad portion which rests upon the frame of the buckle.

Corresponding letters refer to corresponding parts in all the figures.

This invention relates to a combined snap and buckle for use upon harness; and it consists in a novel construction of the buckle, and in its combination with the snap, as will be more fully described hereinafter.

In constructing devices of this character I use a frame of any suitable kind of metal, it being constructed substantially as shown in Figs. 1 and 2, one of its ends being provided with a snap-hook, *A'*, for attaching it to a chain, rope, or other device for connecting it to the load to be moved or drawn. This snap portion of the frame has formed in it an aperture, through which a spring, *B*, passes. Said spring, being riveted or otherwise secured to the body of the frame, and extending into the hooked portion of the snap and under its curved end, prevents the unhooking of anything that may be used therein. In consequence of the peculiar construction of the frame at the point where the spring *B* passes through it, said spring has two bearings or supports for its outer end, one upon or against the hook, and one upon or against the bar *a* of the frame, and is thus prevented from breaking too easily when any undue outward pressure is put upon it. From near the inner end

of the slot through which the spring passes the frame is widened or flattened out, so as to form a receptacle for the inner end of the buckle-tongue, and for the end of the strap which it is to hold. This widened or flattened portion has upon its inner surface flanges extending along its edges to and somewhat past the point where the tongue *C* is pivoted. These flanges form points to which to pivot the tongue, and also a receptacle for the end of the strap through which the tongue passes, so that when the strap is in the buckle and its short end placed in the position shown in Fig. 2, the inner end of the tongue will hold it firmly and prevent it from unbuckling. At that point in the frame where the buckle-tongue passes through it, there is formed a slot of sufficient width to admit of the passage of the strap, as shown in Fig. 1.

At Fig. 3 the tongue *C* is shown, this tongue forming the principal feature of my invention. Owing to its peculiar construction it serves as a double security to the strap, its rounded portion passing through a hole in the strap in the usual manner, while its opposite end, being of a width about equal to the width of the strap, rests upon the end thereof, as shown in Fig. 2, the space between the flattened portion of the tongue and the frame of the buckle being sufficient to receive it and yet allow the flattened end of the tongue to press firmly upon the strap when the other end thereof rests upon the outer bar of the frame.

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

1. The tongue *C* of the buckle, constructed substantially as described, and for the purpose set forth.

2. The tongue *C*, in combination with the frame *A*, having a hook, *A'*, the parts being constructed and arranged substantially as and for the purpose set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

LOUIS B. JACKSON.

Witnesses:

WM. SCHWINT,
C. H. McELROY.