

G. D. MOSHER.  
Harness-Buckle.

No. 222,196.

Patented Dec. 2, 1879.

Fig. 1

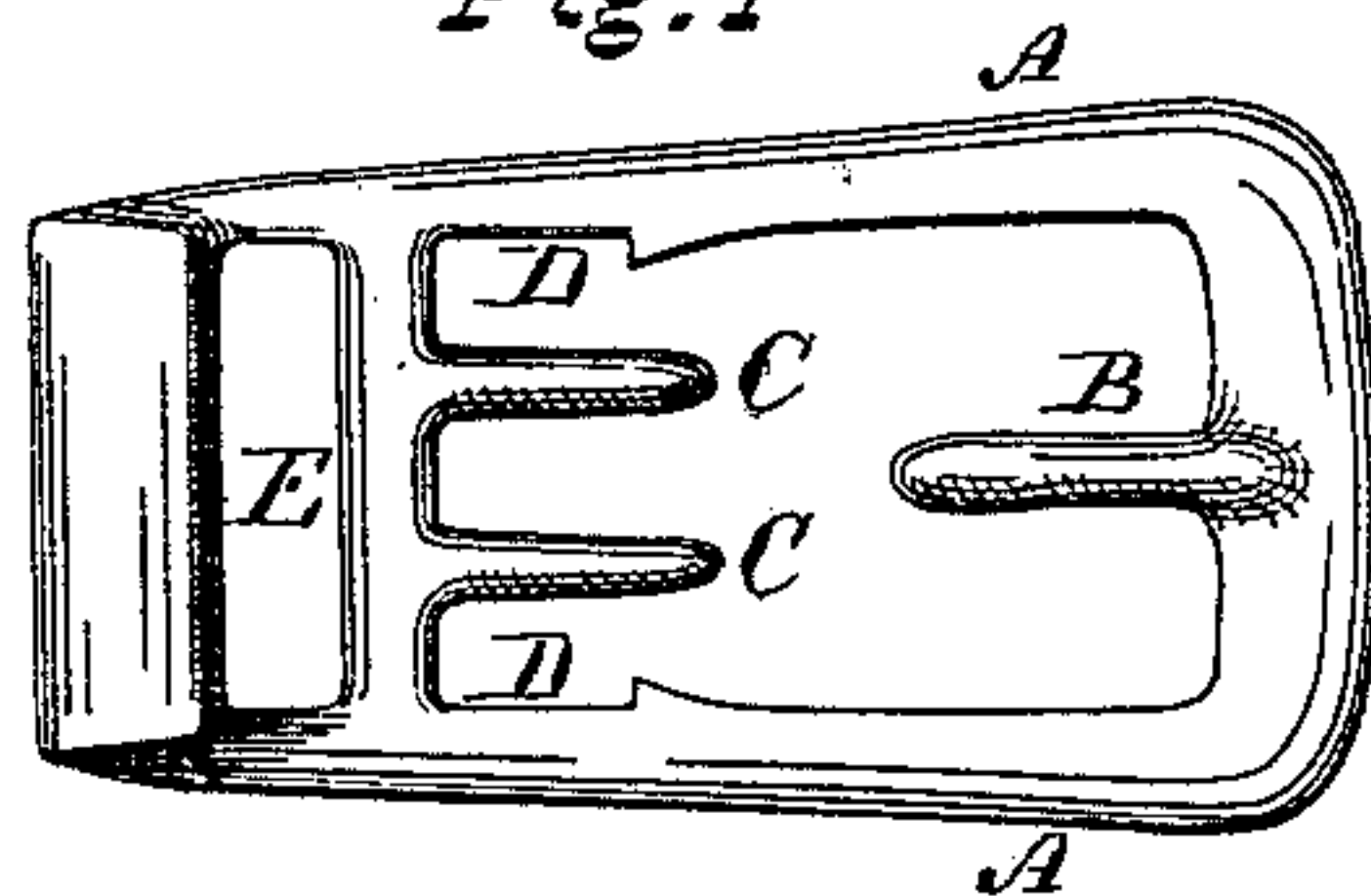


Fig. 2

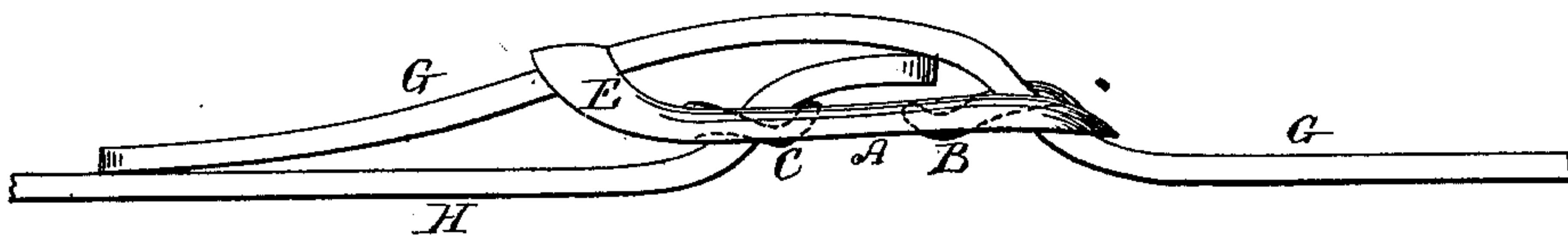
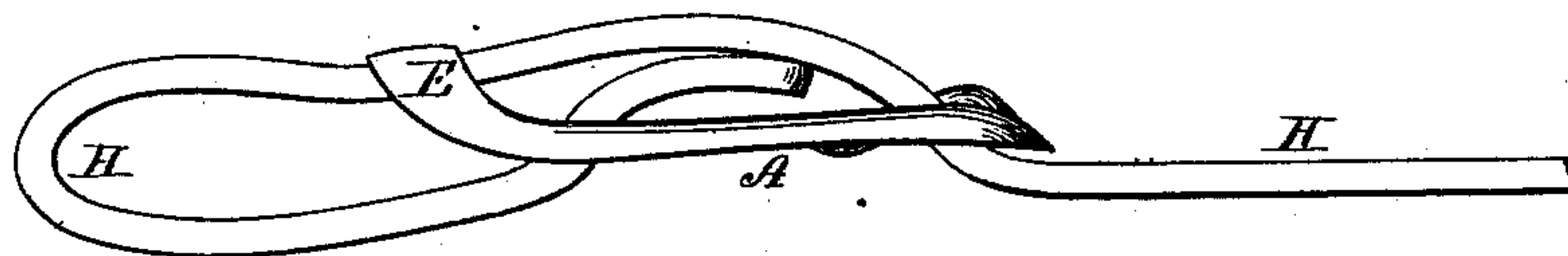


Fig. 3



Witnesses

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# UNITED STATES PATENT OFFICE.

GEORGE D. MOSHER, OF NEW HARTFORD, CONNECTICUT.

## IMPROVEMENT IN HARNESS-BUCKLES.

Specification forming part of Letters Patent No. **222,196**, dated December 2, 1879; application filed October 17, 1879.

*To all whom it may concern:*

Be it known that I, GEORGE D. MOSHER, of New Hartford, in the county of Litchfield and State of Connecticut, have invented certain new and useful Improvements in Harness-Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof, whereby a person skilled in the art can make and use the same, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

Like letters in the figures indicate the same parts.

My improvement relates to a new buckle, adapted to the purposes for which ordinary buckles are used, but especially for harnesses.

My improvement has for its object the furnishing of a buckle which can be readily attached to straps without requiring to be sewed, which is more secure than the ordinary form, and which is also cheaper, stronger, and more durable than those now in use.

My invention consists in the construction which will be hereinafter described.

In the accompanying drawings, Figure 1 is a top view of my improved buckle. Fig. 2 is a side view, showing the method of attaching to one strap and buckling it to another. Fig. 3 is a side view, showing the method of employing the buckle to form a loop at the end, as in a rein or bridle.

A is the bow of the buckle. B is the tongue, which secures the movable or adjustable strap. C C are tongues, by which the fixed strap is fastened to the buckle. D D are recesses in the sides of the bow, into which the edges of the fixed strap enter to prevent it from accidentally becoming unhooked. These recesses hold the edge of the strap, unless forcibly and intentionally pressed out by partially bending the strap longitudinally.

E is an opening in the buckle, as shown in Fig. 1, serving the purpose of a loop for holding the loose end of the adjustable strap, or for carrying the same strap around to hold it in position, as shown in Fig. 2.

In Fig. 2, G shows the movable or adjustable strap, and H the fixed strap, or the one permanently attached to the buckle.

In Fig. 3, the strap H is carried around so as to form a loop. The buckle end of the strap H extends over the tongue B, and when the strap G is hooked, and its end passed through the opening E, it holds the strap G onto its tongue, so that it cannot become accidentally pushed off.

It will thus be observed that my improved buckle provides a very secure fastening for the ends of the straps.

It will also be observed that my invention is adapted to serve all the purposes to which a buckle is ordinarily applied in harnesses without requiring any sewing to the strap, thus dispensing with a great amount of expense in the manufacture of cheap harnesses.

My improved buckle is also adapted to artillery and military harnesses, where simplicity is an object, and permits of the parts of harnesses being rapidly interchanged or straps supplied at once.

What I claim as my invention is—

A buckle provided with the recesses D in the side bars, and having the tongues C C at one end and the tongue B at the other, substantially as described.

GEORGE D. MOSHER.

Witnesses:

THEO. G. ELLIS,  
WENDELL R. CURTIS.