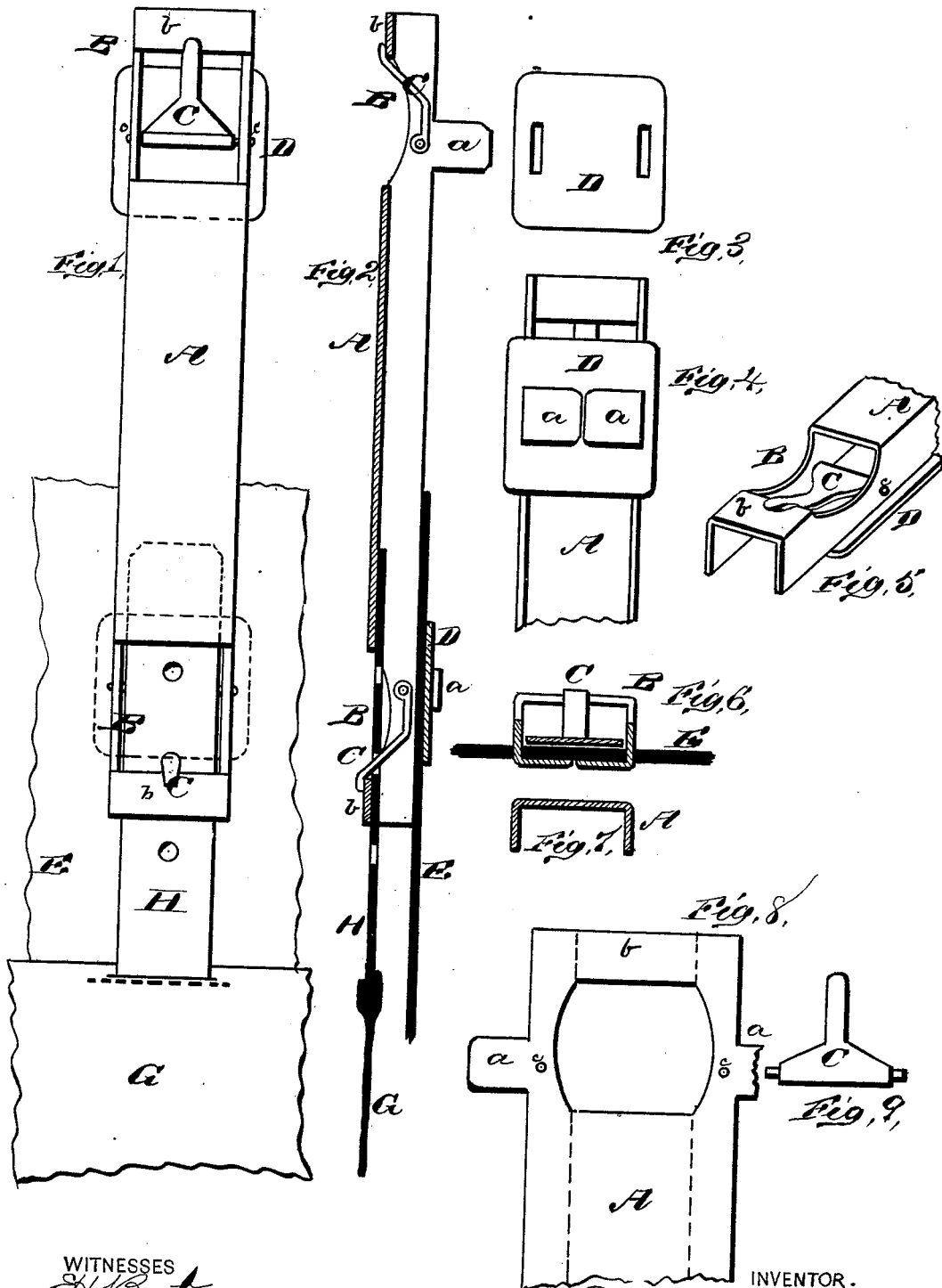


F. A. NEIDER.  
 LOOPS FOR CARRIAGE-TOPS.

No. 195,637.

Patented Sept. 25, 1877.



WITNESSES  
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# UNITED STATES PATENT OFFICE.

FRED. A. NEIDER, OF AUGUSTA, KENTUCKY.

## IMPROVEMENT IN LOOPS FOR CARRIAGE-TOPS.

Specification forming part of Letters Patent No. **195,637**, dated September 25, 1877; application filed August 11, 1877.

*To all whom it may concern:*

Be it known that I, FRED. A. NEIDER, of Augusta, in the county of Bracken and State of Kentucky, have invented a new and valuable Improvement in Loops for Carriage-Tops; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a plan view of my loop for carriage-tops. Fig. 2 is a longitudinal vertical sectional view. Figs. 3, 4, 5, 6, 7, 8, and 9 are details of the same.

The nature of my invention consists in the construction and arrangement of a loop for carriage-tops, as will be hereinafter more fully set forth.

The annexed drawing, to which reference is made, fully illustrates my invention.

A represents a metal loop, of any suitable dimensions, forming at each end a buckle-frame, B, open at its top, as seen in the drawing, and provided with the cross-bar *b* and holes *c*, to serve as bearings for the axis or journal of the tongue C. In each buckle-frame B is pivoted a tongue, C, and from the inner edges of the loop, on each side, projects an ear, *a*, on a line, or nearly on a line, with the axis or pivot of the tongue. At each end of the loop these ears are passed through slots in a metal plate, D, and clinched on the under side thereof. The loop, with the buckle-frames and projecting ears, are all made of one

piece, either struck up of sheet metal, or cast of malleable iron. In the latter case the ears *a* are made shorter, and not bent or clinched under the plates D, but riveted, so as to hold said plates.

The object of the plates D is to keep the loop A from spreading, which would disengage the tongue. E represents the back stay of the buggy-top, and said stay is fastened between the loop and plate by the ears passing through it and secured as above described. G represents a part of the back curtain, with strap H fastened in the buckle.

It will be noticed that by this construction the loop really forms the buckle itself, with the tongue pivoted within the same, and has no buckles to become detached, which would render the loop useless.

It can be manufactured at comparatively small cost.

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

The loop A, having ears *a a*, holes *c c*, and buckle-frames B B, open at their tops and provided with the cross-bars *b b*, all made in one piece, in combination with the slotted plates D D and tongues C C, substantially as described, and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FRED. A. NEIDER.

Witnesses:

JOHN M. HARBESON,  
F. W. ALLEN.