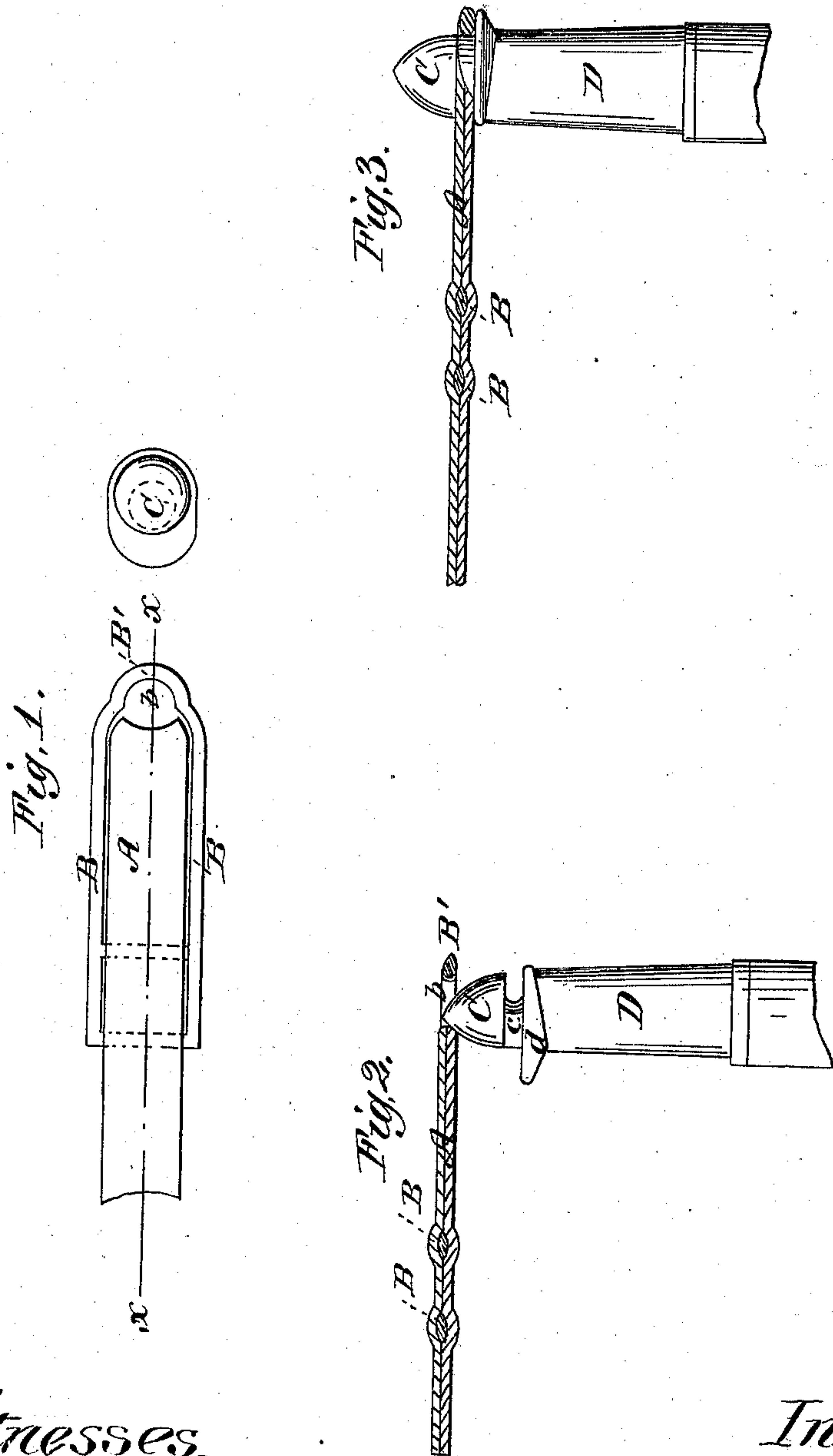


*G. W. Fink,*  
*Trace Clasp,*  
*No 67,967,*  
*Patented Aug. 20, 1867.*



*Witnesses.*  
*Thos. Truex*  
*Wm. Freeman*

*Inventor.*  
*G. W. Fink*  
*Per Munnell*  
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# United States Patent Office.

G. W. FINK, OF PLEASANT PLAINS, ILLINOIS.

*Letters Patent No. 67,967, dated August 20, 1867.*

## IMPROVED TRACE-FASTENER.

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, G. W. FINK, of Pleasant Plains, in the county of Sangamon, and State of Illinois, have invented a new and useful Improvement in Trace-Fasteners; 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.

This invention relates to an improved method of securing trace-tugs, and consists of an arrangement of the tug-trace and single-tree attachment, whereby a prolongation of the trace or the trace-tongue presses against the neck or eccentric groove of the button of the attachment and holds the loop in which the trace-tongue is arranged firmly against the neck of the button attached to the ferrule. In the accompanying drawings—

Figure 1 is a side view of my improved trace-tug and single-tree attachment detached.

Figure 2 is a horizontal section thereof at the line *xx*, showing the tug being placed over the button of the attachment.

Figure 3 is a like section showing the tug in place on the neck or eccentric groove of the attachment, and the latter turned round the trace-tongue, pressing against the neck and holding the button in place.

Similar letters of reference indicate like parts.

A is the trace, and B the metallic frame in which it is set, having a loop, *b*, at its extremity. C is the button or cock-eye, and *c* the neck of the single-tree attachment. D the ferrule thereof, carrying the lip *d*. To fasten the trace the attachment D is turned so as to present the lip *d* to the trace A, as shown in fig. 2, when the loop *b* is passed over the button C till it catches in the eccentric groove upon the neck *c*. The attachment D is then turned round into the position shown in fig. 3, when the trace is held between the button and the back part of the lip of the ferrule, and pressing the neck *c* of the cock-eye or button against the loop *b*, holds the latter in place, the lip *d* at the same time pressing against the under side of the metallic loop at B.

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

1. The cock-eye or button C furnished with the eccentric groove *c*, substantially as described.
2. The metallic loop B constructed to carry the prolongation of the trace A, with the eye *b* fitted to receive the button C, substantially as described.
3. The combination of the trace-tongue A with the eccentric groove of the cock-eye, substantially as described.

G. W. FINK.

Witnesses:

WILLIAM R. CRENSHAW,  
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