

(No Model.)

F. KIEKENAPP.

COMBINED BUCKLE AND SNAP HOOK.

No. 255,636.

Patented Mar. 28, 1882.

Fig. 1.

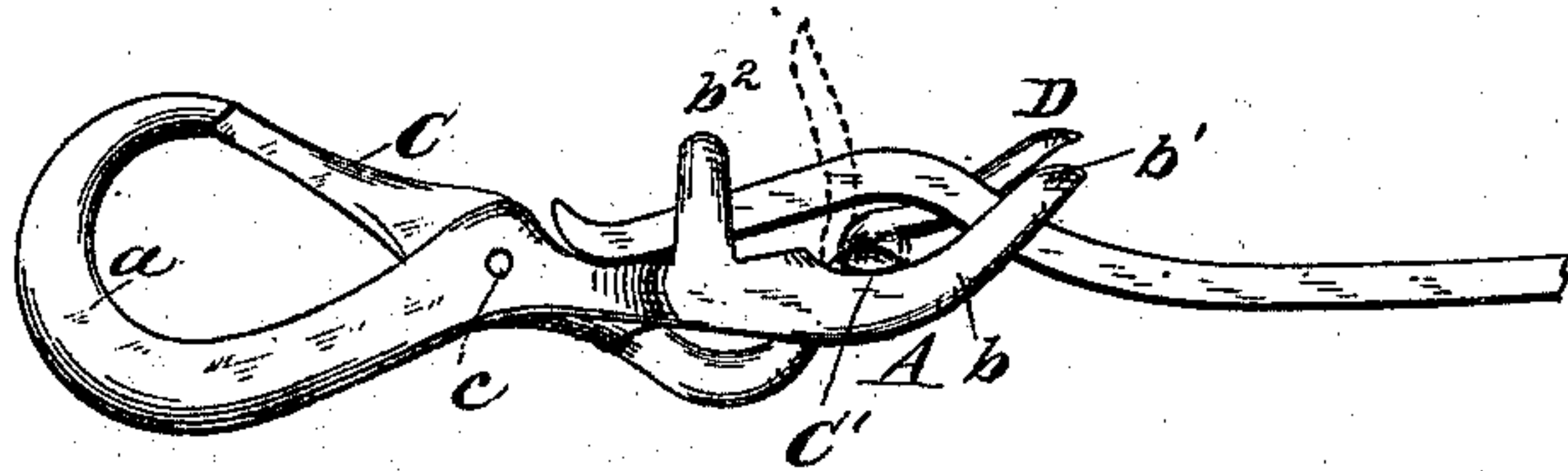


Fig. 2.

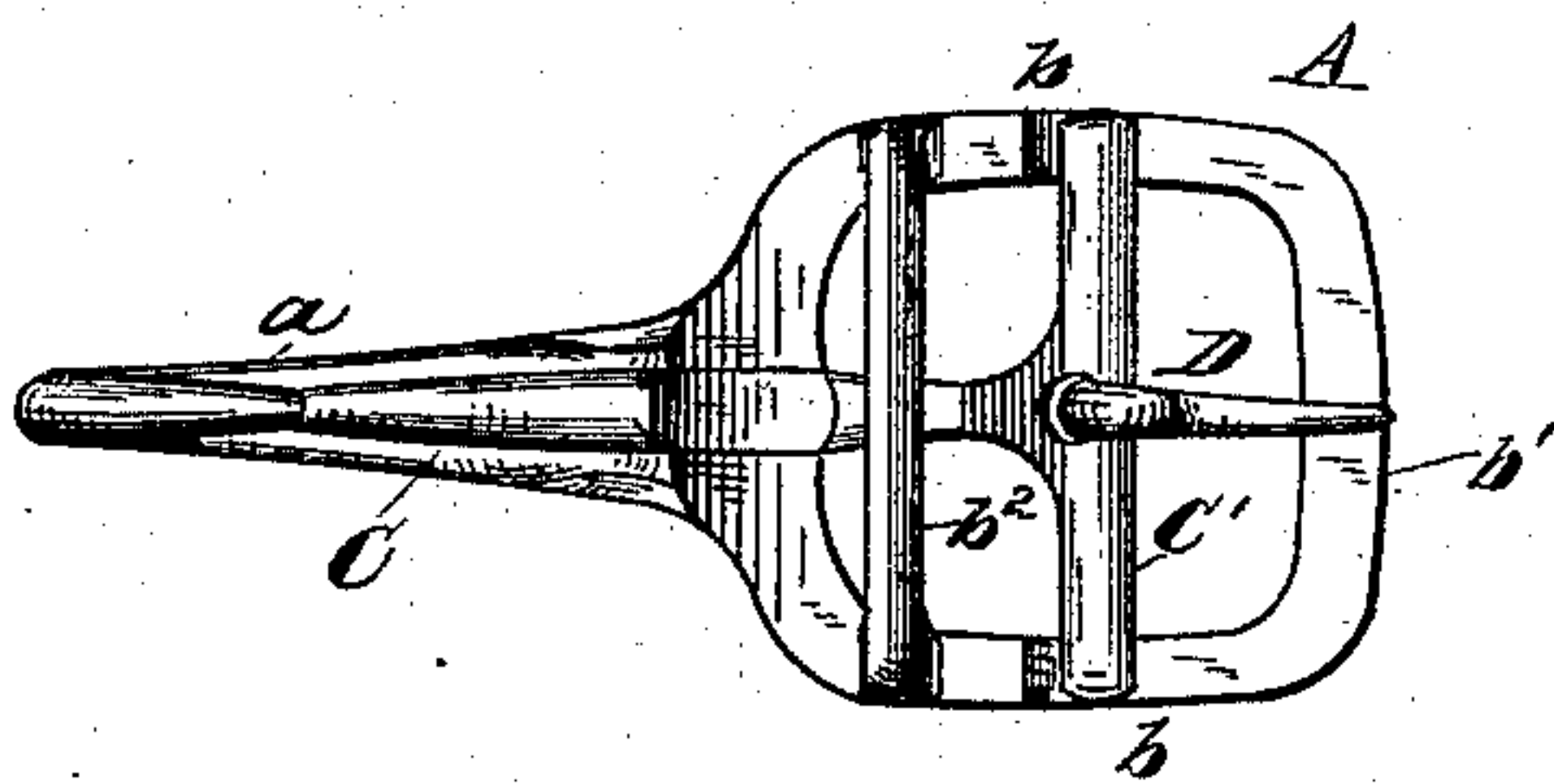
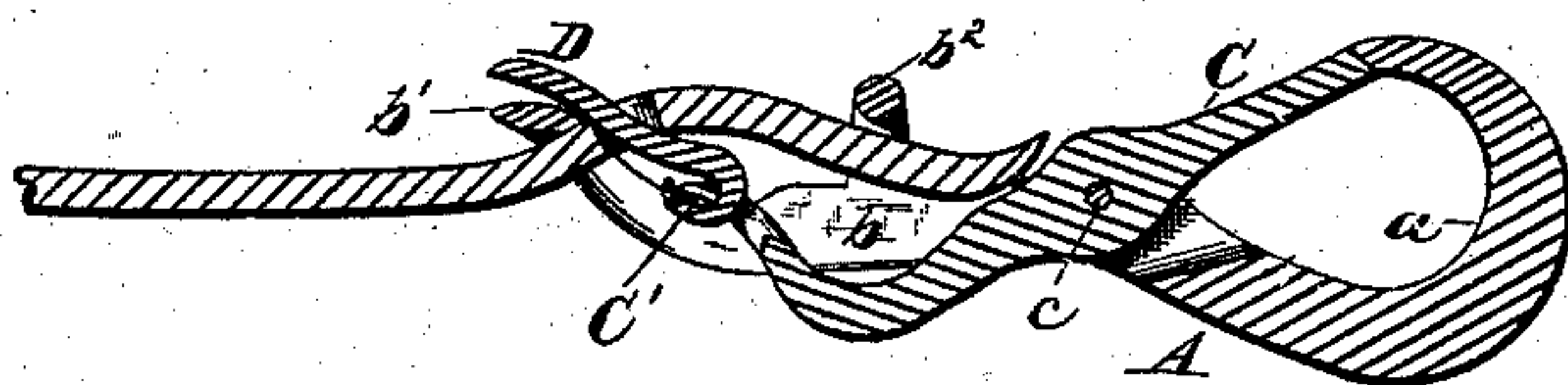


Fig. 3.



Attest,  
W. N. Knight,  
Fred F. Church

Inventor,  
F. Kiekenapp,  
By C. McWilliam Lechman,  
his atty.

# UNITED STATES PATENT OFFICE.

FREDERICK KIEKENAPP, OF FARIBAULT, MINNESOTA.

## COMBINED BUCKLE AND SNAP-HOOK.

SPECIFICATION forming part of Letters Patent No. 255,636, dated March 28, 1882.

Application filed January 27, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, FREDERICK KIEKENAPP, of Faribault, in the county of Rice and State of Minnesota, have invented a certain new and useful Combined Buckle and Snap-Hook; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming a part of this specification, in which—

Figure 1 is a side elevation of the device connected to a strap. Fig. 2 is a top plan view of the same disconnected from the strap. Fig. 3 is a longitudinal vertical section of the device when connected to the strap, as shown in Fig. 1.

Similar letters of reference in the several figures indicate the same parts.

This invention relates to that class of combined buckles and snap-hooks in which the stress on the strap connected to the buckle is adapted to keep the movable jaw of the snap-hook closed; and it consists in a certain novel construction and arrangement of parts whereby the movable jaw of the snap-hook is kept closed, whether the strap connected to the buckle remains slack or taut, all of which I will now proceed to describe.

In the drawings, A represents a metal frame having a stout curved hook, *a*, forming the stationary jaw of a snap-hook, and two side bars, *b b*, and end bar, *b'*, and a raised cross-bar, *b<sup>2</sup>*, forming a buckle-frame.

C represents the movable jaw of the snap-hook, the same being hung on a pivot, *c*, and co-operating with the curved stationary jaw *a*, as shown. This jaw C extends down beyond its pivot, and then curves upward and terminates in a cross-bar, *C'*, that is adapted to play up and down between the bars *b'* and *b<sup>2</sup>* of the buckle-frame, and to rest upon the side bars, *b b*, of said frame, as shown in Fig. 1. To the middle of the cross-bar *C'* is articulated the movable buckle-tongue D.

In attaching the device to a strap the end of the strap is passed up between the bar and the cross-bar *C'*, and the tongue D is inserted in one of the holes of the strap, after which

the end of the strap is passed under the raised cross-bar *b<sup>2</sup>*, as shown in Figs. 1 and 3. When in this position the strap presses the cross-bar *C'* down upon the side bars, *b b*, thus holding the movable jaw C tightly closed against the fixed jaw of the snap-hook. On the movable jaw C being now pressed down to permit of the entrance of a ring or other article desired to be secured to the snap-hook the cross-bar *C'* will be forced up against the portion of the strap lying between the cross-bars *b'* and *b<sup>2</sup>*; but when the movable jaw C is released the elasticity of the strap will again depress the cross-bar *C'* and cause the jaw C to be automatically closed.

The greater the strain or pull exerted on the strap the tighter of course the jaw C will be closed; but if from any cause the strap is shoved toward the buckle the hinged tongue of the buckle will swing up, as indicated in dotted lines in Fig. 1, while the cross-bar *C'* will still remain pressed down upon the side bars, *b b*, and the movable jaw of the snap-hook will be kept closed. It will be seen, therefore that so long as the end of the strap remains under the cross-bar *b<sup>2</sup>* of the buckle-frame the movable jaw of the snap-hook will be kept tightly closed, whether the strap be pushed toward or pulled away from the buckle, thus insuring great safety.

To disconnect the strap from the buckle it is only necessary to withdraw its end from under the cross-bar *b<sup>2</sup>*, when the tongue can be readily removed from the hole.

I claim as my invention—

The combined buckle and snap-hook consisting of the metal frame having the curved hook, the side bars, the end bar, *b'*, the raised cross-bar *b<sup>2</sup>*, and the pivoted jaw C extended beyond its pivot, and having the cross-bar *C'* carrying the movable tongue D, the whole adapted to co-operate with a strap in the manner set forth.

FREDERICK KIEKENAPP.

Witnesses:

JOHN MULLIN,  
C. L. LOWELL.