

(No Model.)

W. F. CORNELIUS.

BUCKLE.

No. 248,027.

Patented Oct. 11, 1881.

Fig. 1.

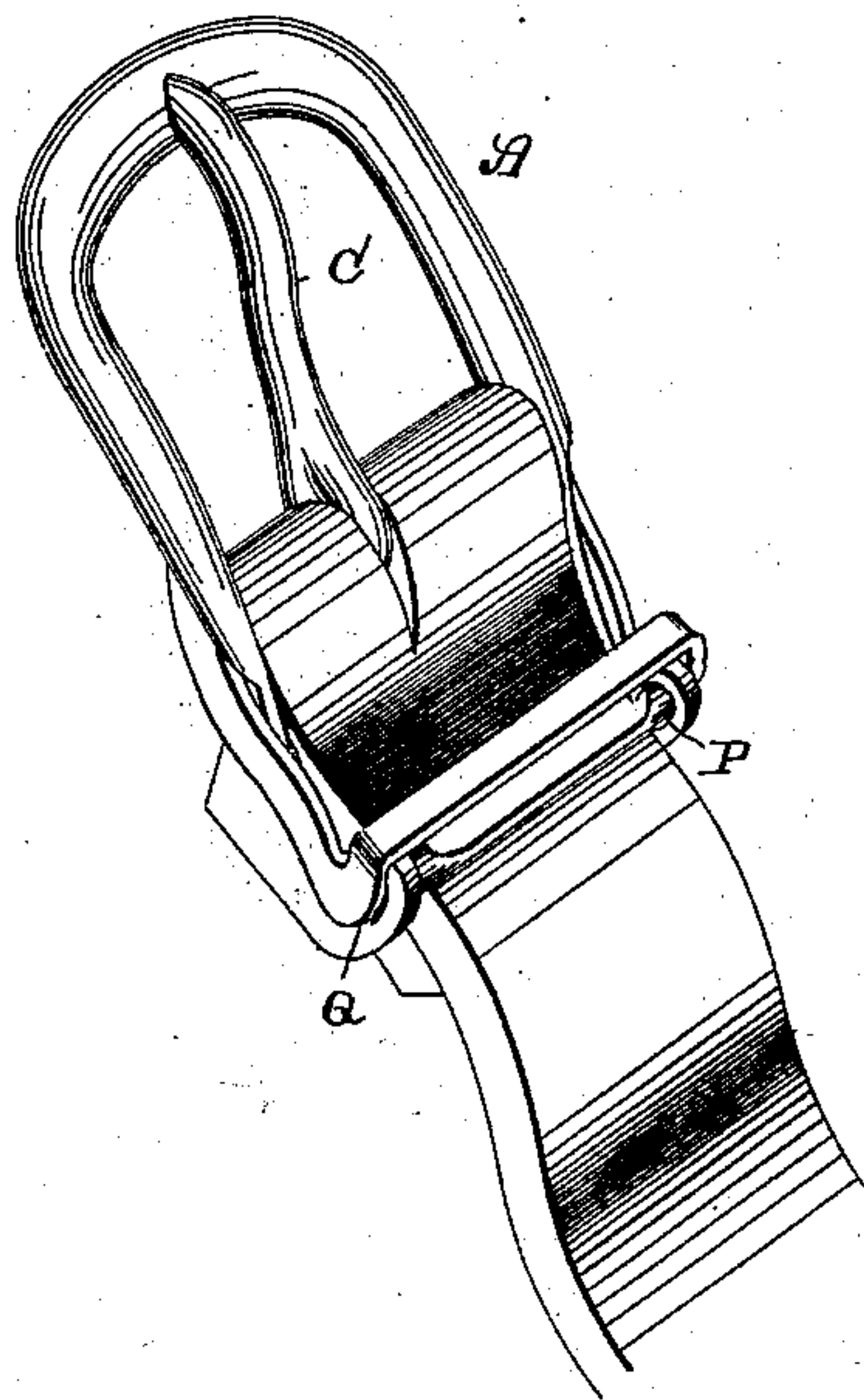


Fig. 2.

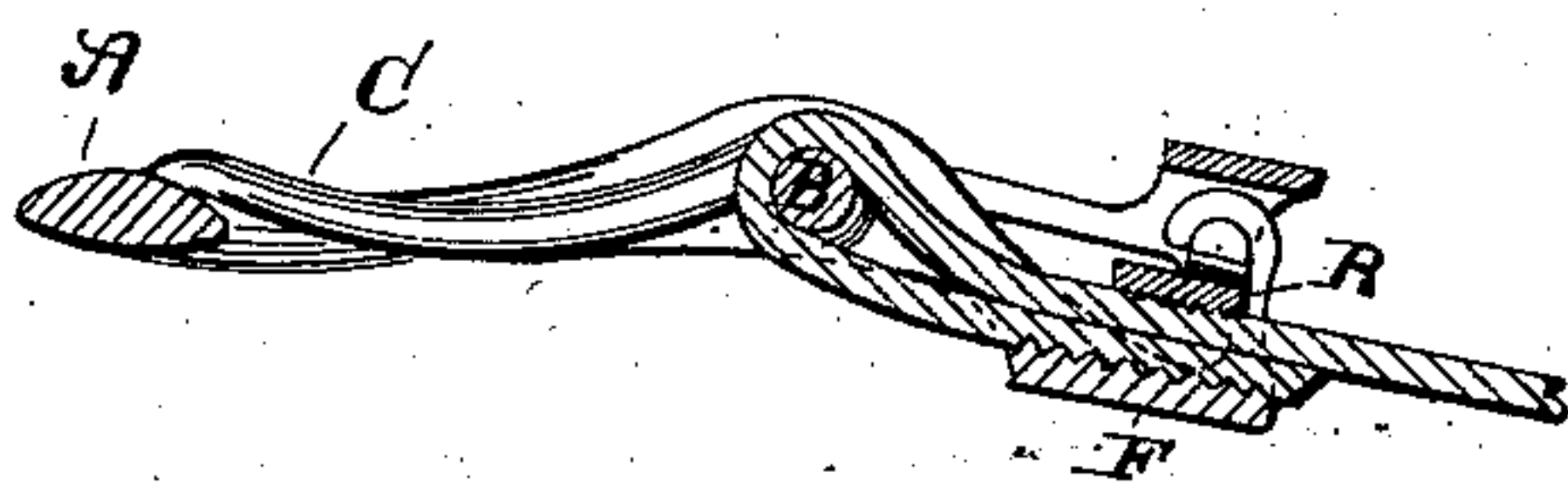


Fig. 3.

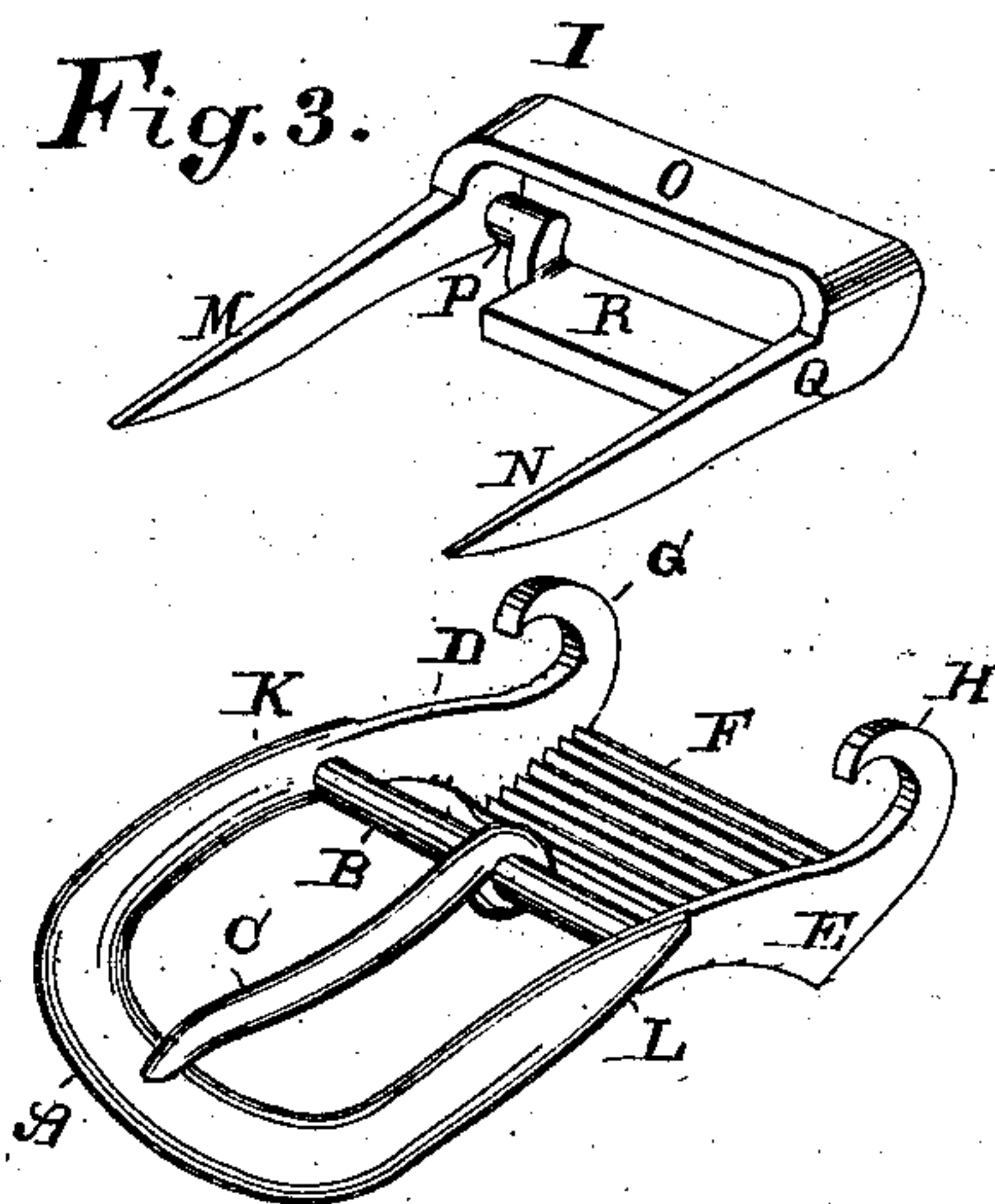
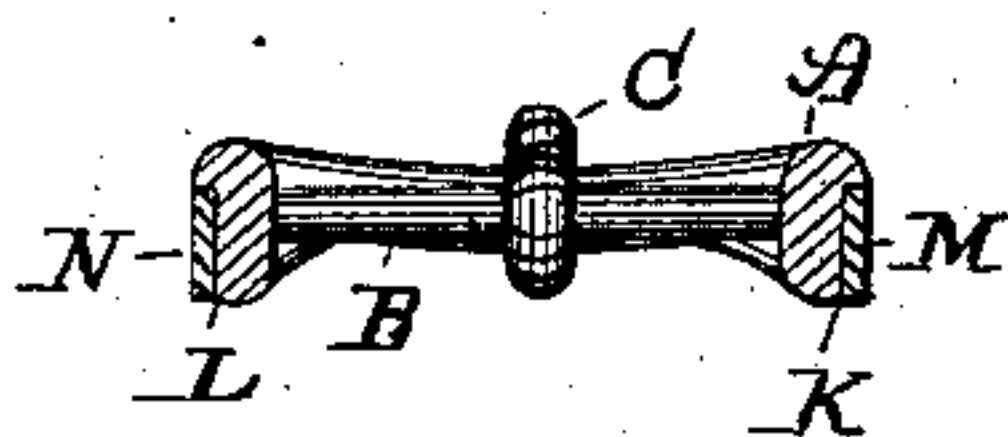


Fig. 4.



Attest:

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UNITED STATES PATENT OFFICE.

WILBUR F. CORNELIUS, OF MUNCIE, INDIANA, ASSIGNOR OF ONE-HALF TO
THEODORE F. ROSE AND JOHN W. GARNER, OF SAME PLACE.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 248,027, dated October 11, 1881.

Application filed May 12, 1881. (No model.)

To all whom it may concern :

Be it known that I, WILBUR F. CORNELIUS, a citizen of the United States, residing at Muncie, in the county of Delaware and State of Indiana, have invented certain new and useful Improvements in Buckles; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification, and in which—

Figure 1 is a perspective of the buckle attached to a strap. Fig. 2 is a longitudinal vertical section taken on a line near the tongue. Fig. 3 is a perspective of the two principal parts detached from each other. Fig. 4 is a vertical cross-section taken immediately back of the cross-bar.

My device relates to the fastening for attachment of a buckle to a strap; and it consists in the construction and arrangement of parts, as will be hereinafter more fully set forth.

In order to enable others skilled in the art to which my invention appertains to construct and operate the same, I will now proceed to describe it.

A represents the loop of the buckle; B, the cross-bar, and C the tongue.

The sides of the loop A are extended backward, forming arms D and E, that sustain a serrated cross-plate, F, extending from arm to arm upon a plane below that of the cross-bar B, and the ends of these arms terminate in curved ends, forming seats G and H, for receiving the bearings of the clamping device I.

The outer sides of the loop A, near the ends of the cross-bar B, are made with projections formed with an oval upper surface terminating in a right angle, and a plain under surface forming shoulders K and L, to receive the arms M and N of the clamp I.

The clamp I consists of a piece of metal, O, extending across the buckle over the bearing G and H and then downward on the outside of the arms D and E a suitable distance to form the arms M and N, and connect with the bearings P and Q and support the serrated cross-plate R.

In fastening the buckle to a strap the clamping device I is taken off and the strap is passed over the tongue and the end is brought under the cross-bar B and laid on the plate F under the strap. The clamping device is then put on by placing the bearings P and Q in the seats G and H (the arms M and N being vertical) and bringing the serrated cross-plate R down on the strap by forcing the arms M and N down under the shoulders K and L, where they will remain, these arms being made sufficiently elastic for this purpose.

To release the buckle any suitable instrument is used to pry one of the arms out from under the shoulder, and the clamping device lifted off.

Having thus described my invention, I claim as new and desire to secure by Letters Patent—

1. The loop A, provided with extended arms, serrated plate F, seats G and H, and shoulders K and L, substantially as shown and described.

2. The clamping device I, consisting of the piece O, arms M and N, bearings P and Q, and serrated cross-plate R, substantially as shown and described.

3. In a buckle, the combination of the loop A, provided with extended arms, seats, and shoulders, with the clamping device I, provided with arms and bearings, substantially as shown and described.

In testimony whereof I affix my signature in presence of two witnesses.

WILBUR F. CORNELIUS.

Witnesses:

HENRY C. KLEIN,
WILL. C. KLEIN.