

H Neumann,

Buckle.

N^o 62,059.

Patented Feb. 12, 1867.

Fig. 2

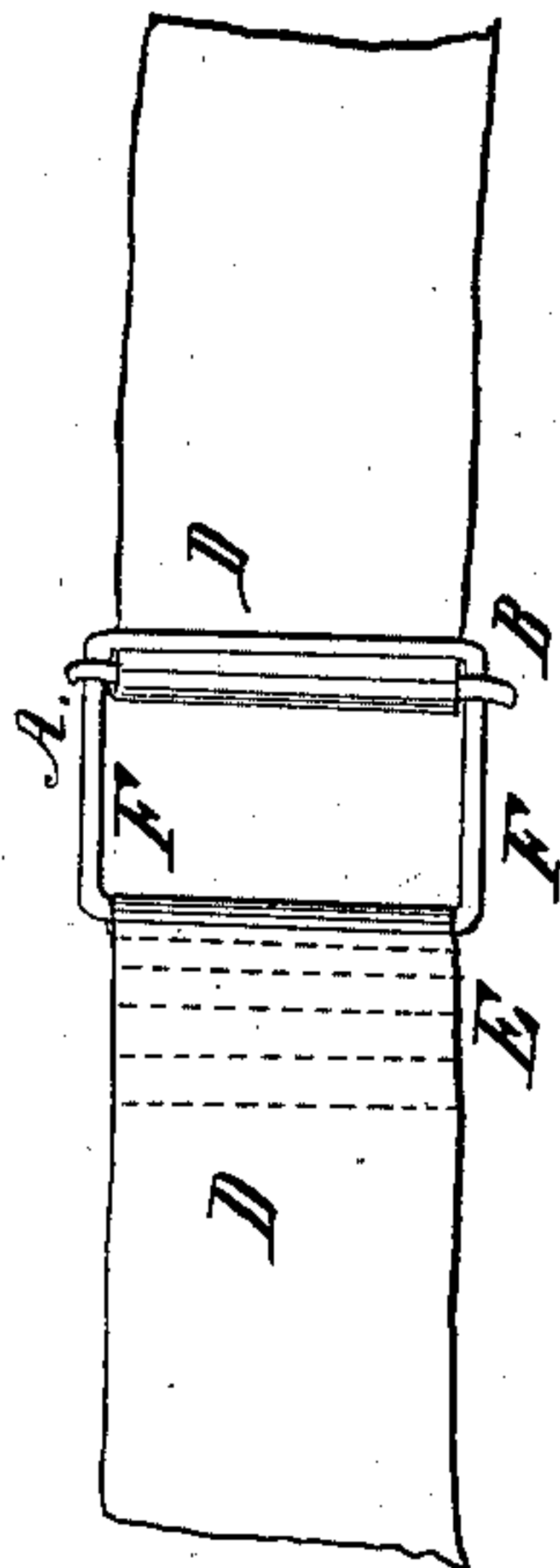


Fig. 4

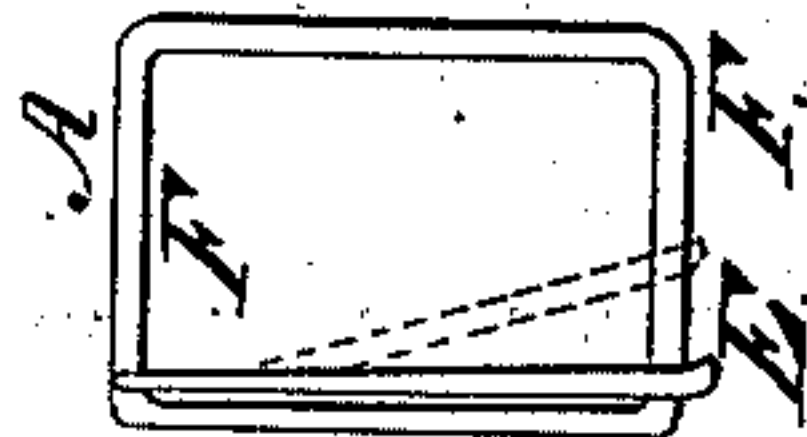


Fig. 1.

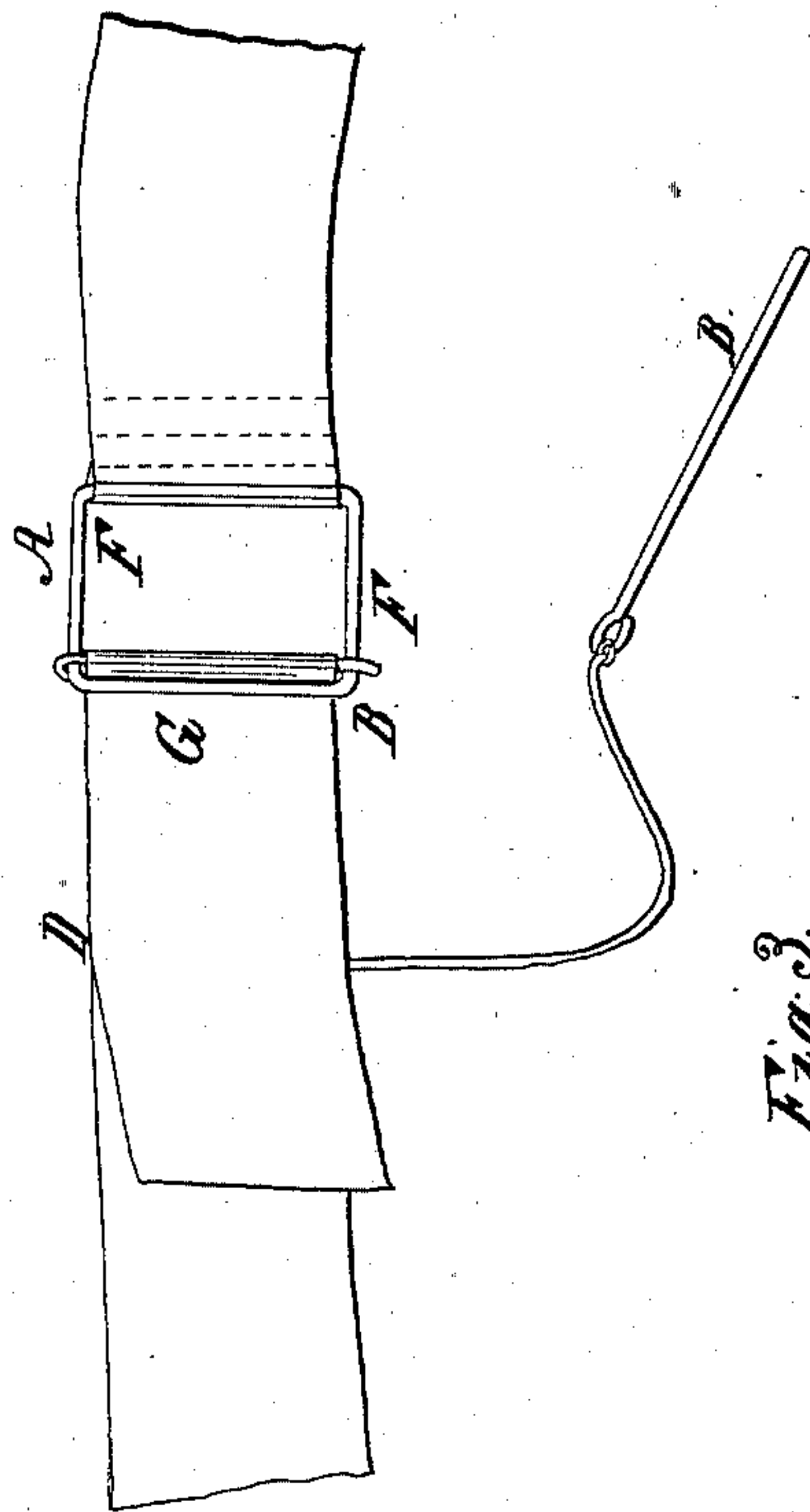
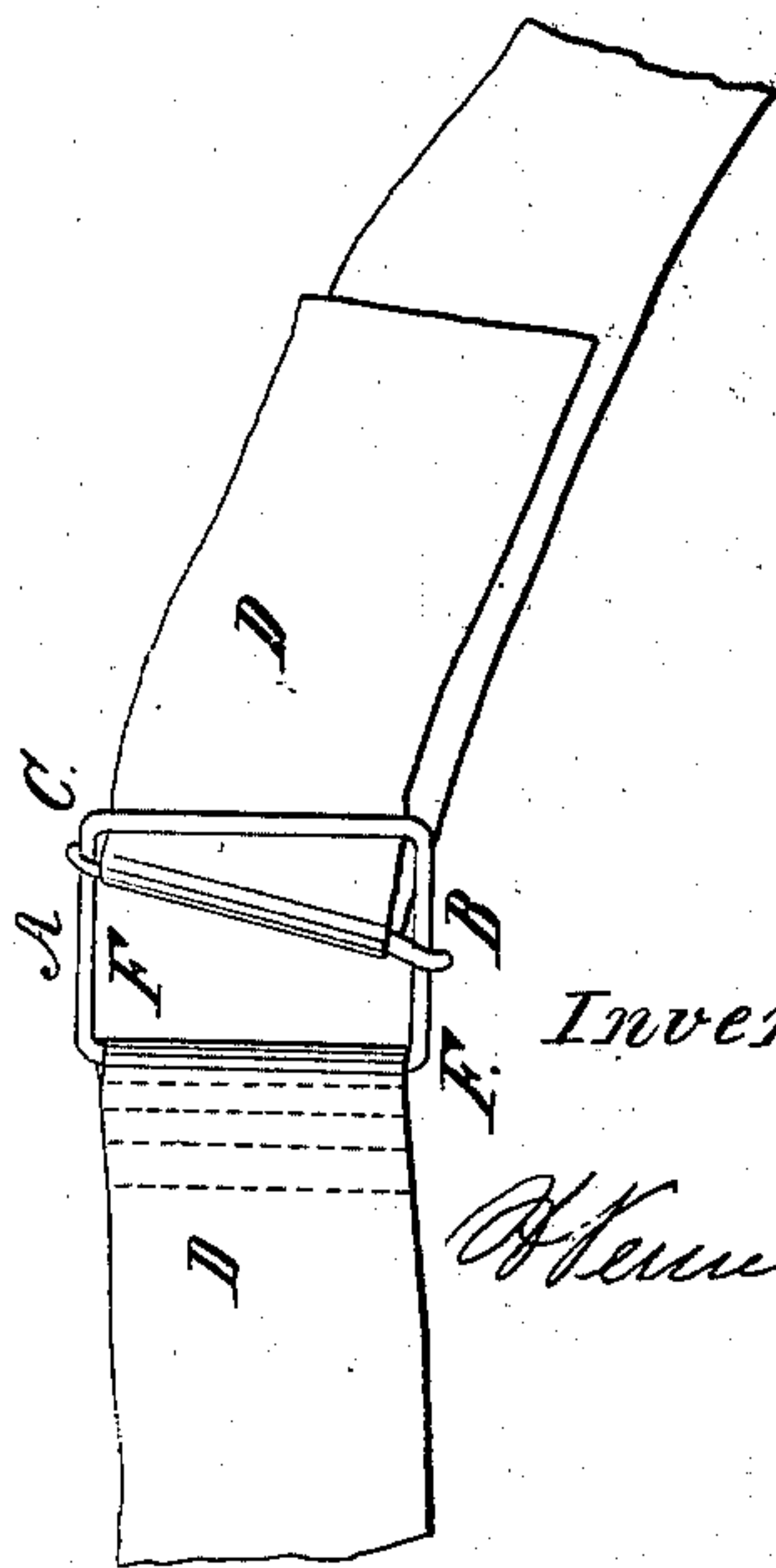


Fig. 3.



Witnesses:
W. Hauff
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Inventor:

H Neumann

United States Patent Office.

HEIMANN NEUMANN, OF NEW YORK, N. Y.

Letters Patent No. 62,059, dated February 12, 1867.

IMPROVEMENT IN BUCKLES.

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, HEIMANN NEUMANN, of Denmark, but at present residing in the city, county, and State of New York, have invented a new and useful Improvement in Buckles; and I declare that the following is a full, clear, and exact description thereof, which will enable those who are skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which drawing—

Figure 1 represents a buckle made according to my invention.

Figures 2 and 3 represent modifications thereof.

Figure 4 represents in red outline a modification in which the tongue is made elastic, one of its ends being permanently fastened to the frame.

This invention relates to an improvement in buckles for wearing apparel and other uses, and is applicable in all or nearly all cases where buckles can now be used for fastening purposes. A common mode of making buckles is with a tongue, which is connected by an eye or a hinge or joint to the rear bar of the buckle frame, on and about which it turns, while its free end, which is usually made pointed so as to pierce the article to be fastened, comes against or laps over the front bar of the frame. In my improvement, I arrange or connect the tongue, by means of an eye or joint or its equivalent, with one of the side bars of the frame, and extend its free end over to the opposite side bar which it may overlap or rest against so as not to go through.

In the example of my improvement, shown in fig. 1, the letter A designates the frame of a buckle, around whose rear bar E the belt or strap D is securely fastened. B is a tongue for securing the free end of the belt or strap to the buckle. Said tongue is connected or attached to one of the side bars F of the frame, by means of an eye, C, which clasps it loosely so as to permit the tongue to slide on such side bar. The free end of the tongue overlaps the opposite side bar F of the frame, as shown in the drawing. The tongue B is thrust through a loop made in the free end of the belt or strap D, as is clearly shown in the drawing. In fastening said free end of the belt or strap, the free end of the tongue is raised off from or moved upon the side bar F, which it overlaps, and the belt is carried over the tongue, or else is run on it by drawing the loop of the belt up through the frame of the buckle and then drawing such loop over the end of the tongue. Instead of connecting the tongue to the frame of the buckle, it may be attached by a string to the belt to prevent it from being lost, as shown in fig. 1, or it may be wholly disconnected from the buckle as well as from the belt or strap, as shown in fig. 2. In both these modifications the ends of the tongue overlap the side bars F F, as seen in fig. 2. In order to release the free end of the belt or disconnect it from the buckle, it is only necessary to raise or move the free end of the tongue or one of its ends, where both are free, when the belt will slip over the tongue and become loosened. In fig. 4 I have shown another modification in red outline, where the tongue is made elastic and is fastened permanently by one end to one of the side bars F of the frame, the free end of the tongue resting on or overlapping the other side bar as before. The elasticity of the tongue permits it to be drawn or pushed away from contact with the front bar, along which it lies, whenever a belt is to be put thereon or released therefrom. The dotted line shows the tongue when it has been forced away from its normal position, towards which it is always returned by its elasticity when the operator lets go of it. In this modification, as well as in the others, each end of the belt or strap may be held by means of tongues, B, instead of having one end of such belt or strap fastened to the hinder bar of the frame of the buckle.

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

The combination of the tongue B, free at one or both ends, with the side bars F of the buckle frame, the whole constructed and operating substantially as described.

H. NEUMANN.

Witnesses:

H. G. HULL,

J. VAN SANTVOORD.