

(No Model.)

C. W. POLEN.
Buckle.

No. 235,015.

Patented Nov. 30, 1880.

Fig. 1

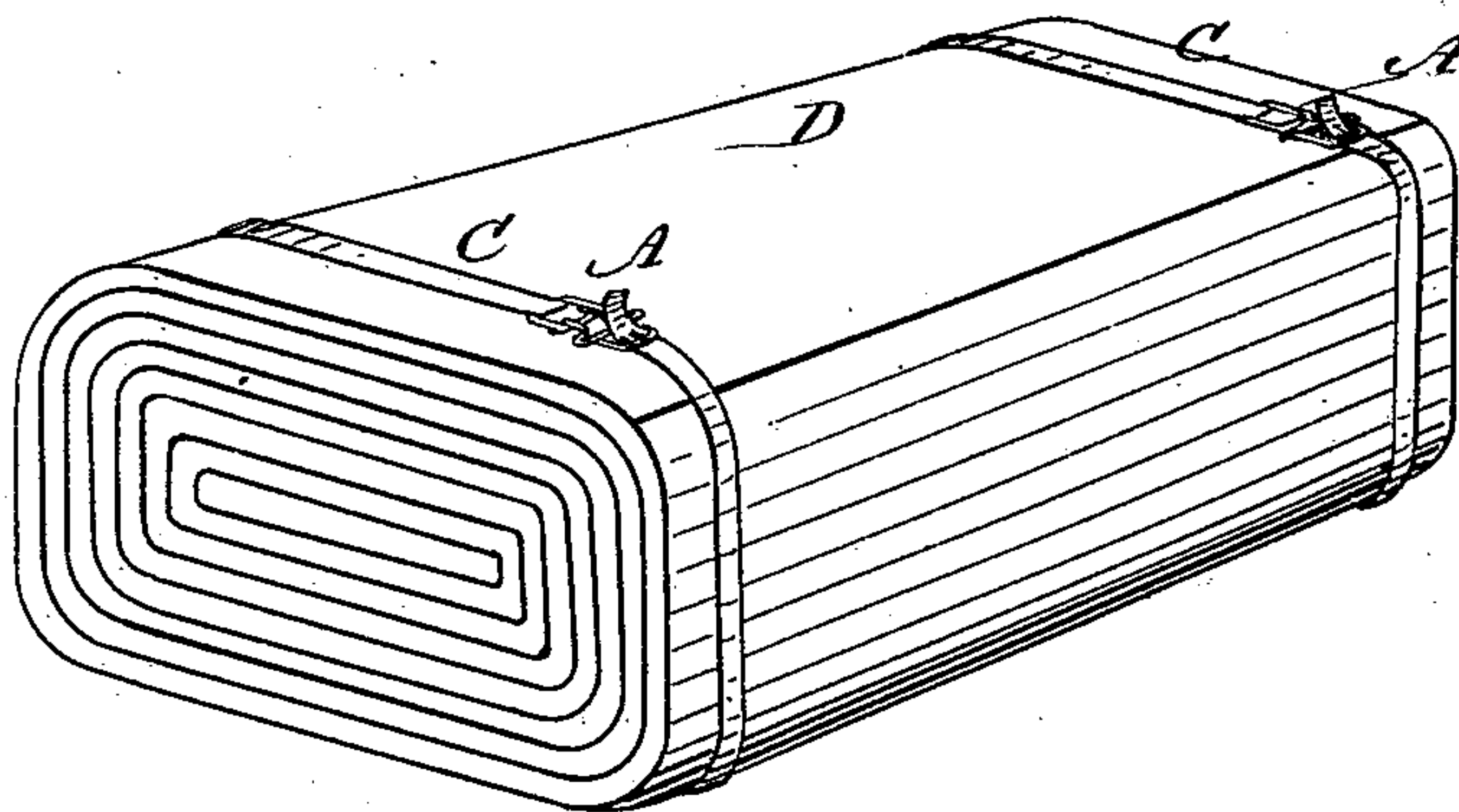


Fig. 2

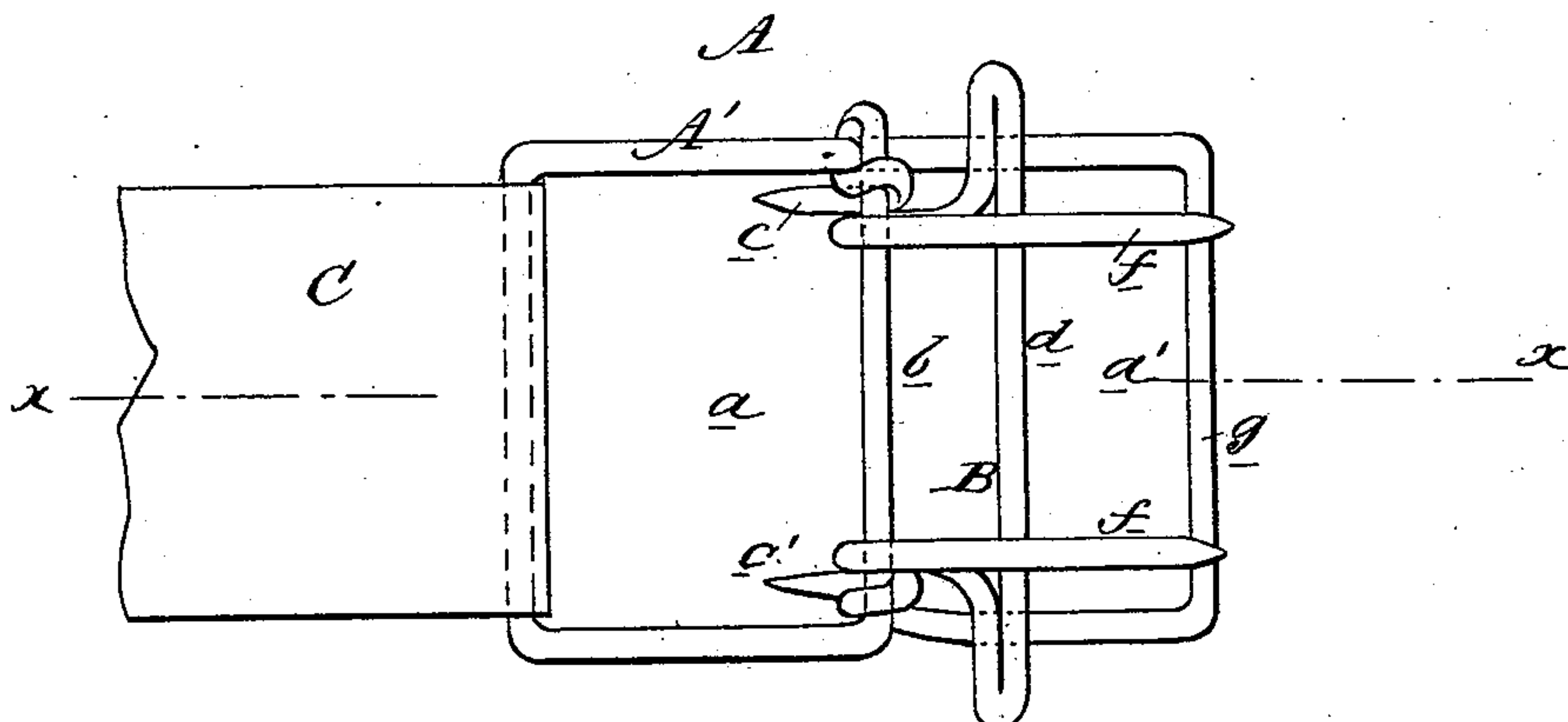
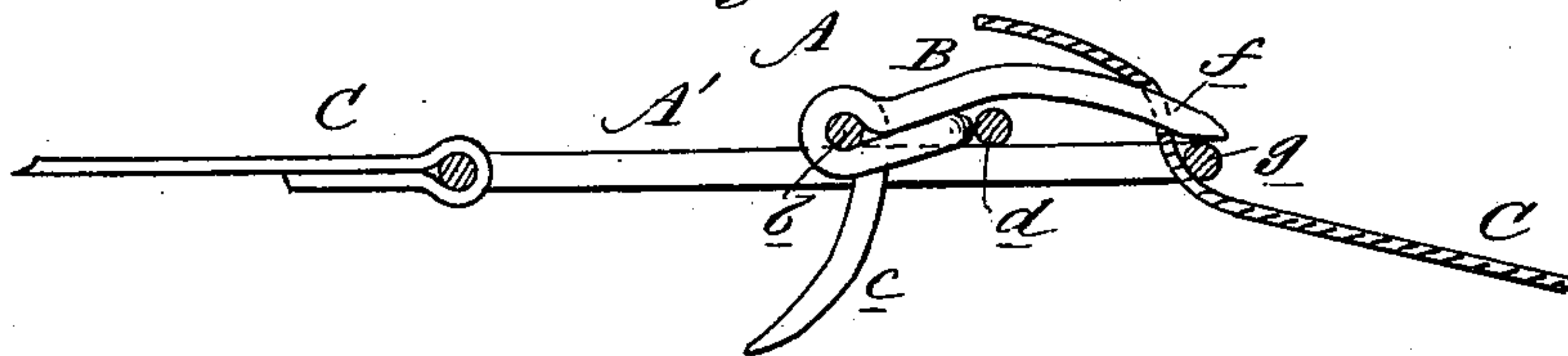


Fig. 3



WITNESSES:

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UNITED STATES PATENT OFFICE.

CALVIN W. POLEN, OF HAZEL DELL, ILLINOIS.

BUCKLE.

SPECIFICATION forming part of Letters Patent No. 235,015, dated November 30, 1880.

Application filed September 7, 1880. (No model.)

To all whom it may concern:

Be it known that I, CALVIN W. POLEN, of Hazel Dell, in the county of Cumberland and State of Illinois, have invented a new and
5 Improved Buckle, of which the following is a specification.

The object of this invention is to provide a buckle especially adapted for fastening and securing rolled cloths and other goods that
10 are put up in rolls.

The invention consists of a buckle made of wire, bent so as to form a rectangular frame having two square loops and a central cross-bar that has two downward-curved hooks,
15 and, further, of a double pointed and barred wire tongue movably fixed on the central cross-bar of the buckle, said tongue-points being pointed in the direction opposite to that of the frame-hooks.

Figure 1 is a perspective view of a roll of cloth secured by the improved buckle. Fig. 2 is an enlarged plan of the improved buckle. Fig. 3 is an enlarged longitudinal sectional elevation of the same on line *x x*, Fig. 2.

Similar letters of reference indicate corresponding parts.

In the drawings, A represents the buckle, and A' the rectangular buckle-frame, consisting of a single piece of wire, one end of which is
30 bent transversely to form the loop *a*, and itself forming a central cross-bar, *b*, whose free end is bent around the side bar of the frame and the said cross-bar, and terminates in a downwardly-projecting hook, *c*, while its other end is
35 bent to form the loop *a'*, and its free end bent around the cross-bar *b* and terminates in the hook *c'*; and B is the tongue, formed of a piece of wire bent upon itself, thence around the tongue-bar *b* so as to form a cross-bar, *d*,
40 whose projecting bent ends rest on the side bars of the frame, and which serves as a support to the two tongue-points *f f*, that project forward and have their extremities resting on the tongue-rest bar *g* of the buckle-frame A'. C represents a band attached to the
45 said buckle A. D represents a roll of cloth.

By inserting the hooks *c c* into the outer end of the roll of cloth D, and passing the band C around the said roll D, and inserting

the free end of said band C into the forward loop, *a*, of the said buckle A, and pressing the tongue-points *f f* through said free end of the band C the said cloth D will be held together in a roll.

By using two of these buckles and bands A C, one at each end of a bolt of cloth, as shown in Fig. 1, the said bolt or roll D will be held firmly together and in shape, and the insertion of the hooks *c c* into the cloth prevents it from working out from beneath the band C, as it is
60 apt to do when only strings or bands are used.

It is a common practice to make holes in the edge or end of a bolt or roll of cloth and tie or insert pieces of tape therein to tie around the said roll to keep it together; but this practice is troublesome and inconvenient to the
65 retail dealer and is injurious to the cloth. By the use of my improved buckle A, in combination with the band C, these objections are avoided.

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

1. An improved buckle having its frame formed from a single piece of wire, and provided with hooks projecting downwardly from its tongue-bar, the said hooks being the ends of the frame coiled around the tongue-bar, substantially as herein shown and described.

2. As an improved article of manufacture, the wire buckle A, consisting of the frame A', constructed from a single piece of wire, one end of which is bent to form a loop, *a*, and the cross-bar *b*, whose free end encircles both the side bars of the frame and the said cross-bar, and terminates in a hook, *c*, while the other end is bent to form the loop *a'*, and its free end coiled around the cross-bar and terminating in the hook *c'*, and the tongue-piece B, formed from a single piece of wire and provided with a cross-bar, *d*, whose bent ends rest on the side bars of the frame, substantially as herein shown and described.

CALVIN WESLEY POLEN.

Witnesses:

CHARLES R. POLEN,
LAURA M. LATHROP.