

J. H. MITCHELL.
Bale-Tie Buckle.

No. 224,708.

Patented Feb. 17, 1880.

Fig. 1

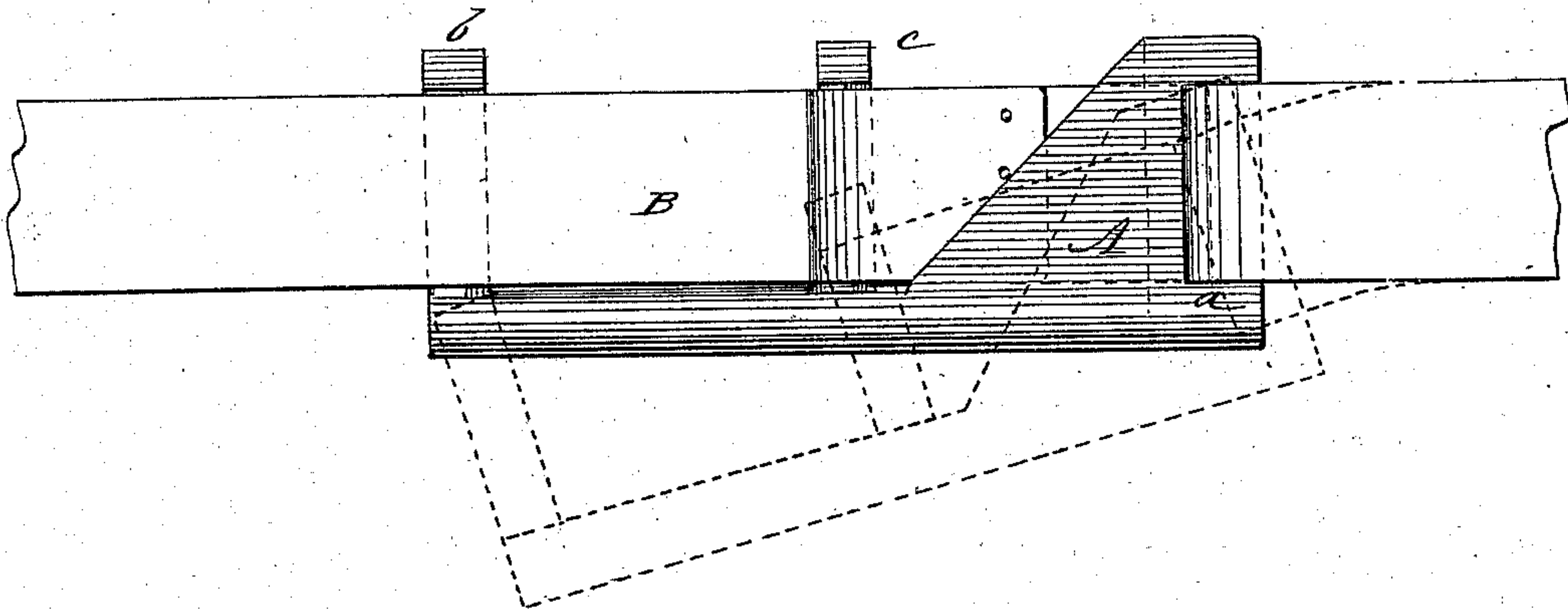
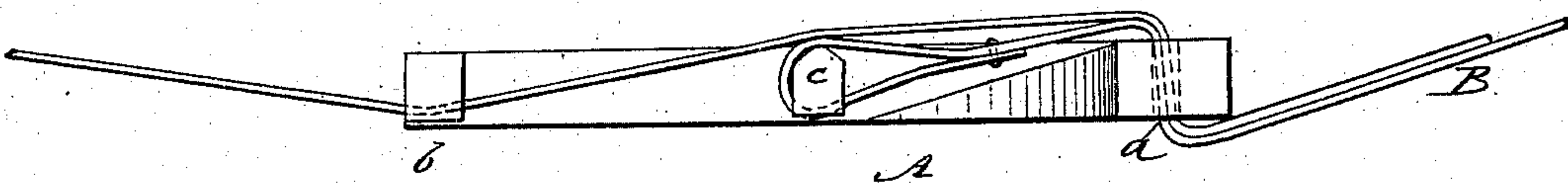


Fig. 2



WITNESSES:

C. Neveu
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UNITED STATES PATENT OFFICE.

JORDAN H. MITCHELL, OF EUFAULA, ALABAMA.

BALE-TIE BUCKLE.

SPECIFICATION forming part of Letters Patent No. 224,708, dated February 17, 1880.

Application filed December 3, 1879.

To all whom it may concern:

Be it known that I, JORDAN H. MITCHELL, of Eufaula, in the county of Barbour and State of Alabama, have invented a new and Improved Bale-Tie Buckle, of which the following is a specification.

This invention relates to the class of buckles for connecting the ends of bale ties or bands; and the object of the invention is to furnish a buckle which shall hold the tie securely and can be used without the necessity of perforating or cutting the tie or band.

My invention consists in a buckle of novel construction, which will be described with reference to the accompanying drawings, wherein—

Figure 1 is a plan view of my improved buckle as applied to a tie. Fig. 2 is a side view.

Similar letters of reference indicate corresponding parts.

A is the buckle applied to the tie or band B. The buckle A is made as an oblong frame, formed solid at one end, with a cross-slot, *a*, at the other end, with a bar, *b*, at right angles, and a center right-angled bar, *c*. The solid end of the frame is cut out next to the bar *c*, as shown, to facilitate the use of the buckle, and beveled at the under side to give room for the end of the tie, and the bars *b c* are cut out on their upper surface to the width of the tie to form a raised edge at their ends, that acts to prevent the tie slipping off side-wise.

In use, one end of the tie or band will be

formed with a loop, by sewing or riveting, and the loop placed over the center bar, *c*; the band being drawn up through the slot *a*, the opposite end of the band will be connected by passing over the end bar, *b*, beneath *c*, and through the slot *a*. This connection is readily made, as the strain on the band will throw the buckle upward, which gives opportunity for insertion of the loose end in slot *a*, and the buckle may then be bent down and the bar *b* inserted beneath the band by a side movement of the buckle. The tie will then be held by friction, which increases with the strain, so that the band will not slip. The buckle may be readily disconnected for unbaling.

It will be seen that no holes are required in the band, and the buckle being open at one side, the attachment of the tie can be readily made, and the operation is simple enough to be understood by the hands employed in such work.

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

A bale-tie buckle whose oblong frame has the bars *b c* cut out on the upper surface to the width of the bale band or tie to form a raised edge, and a solid end provided with a cross-slot cut out next to bar *c* and beveled at the under side, as shown and described.

JORDAN H. MITCHELL.

Witnesses:

S. H. DENT,
A. W. LATIMER.