

(No Model.)

J. WATTERS.
BOX LOOP.

No. 269,975.

Patented Jan. 2, 1883.

Fig: 1

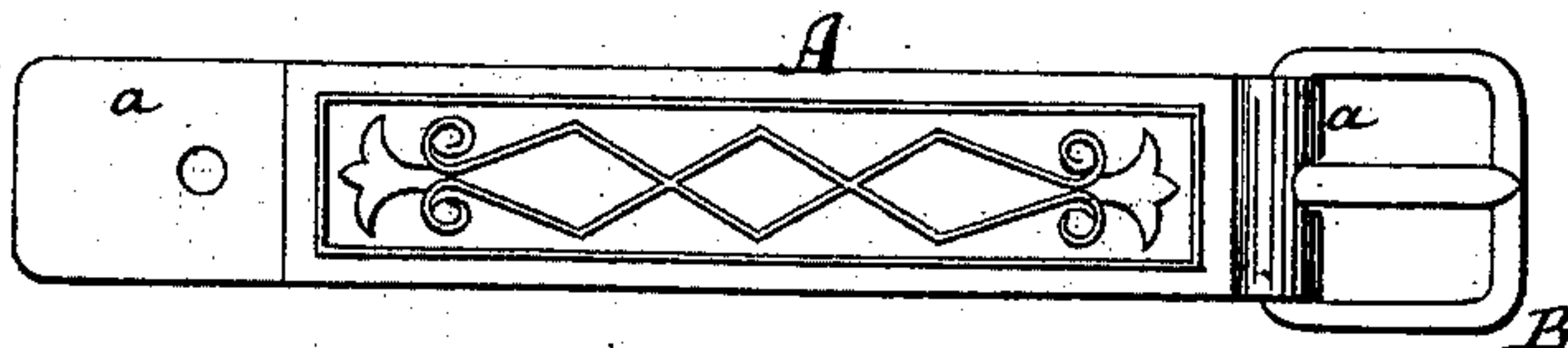


Fig: 2

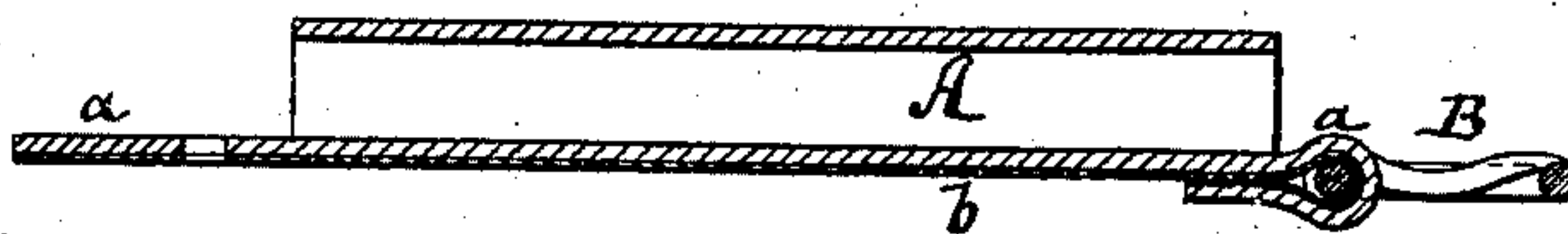


Fig: 3

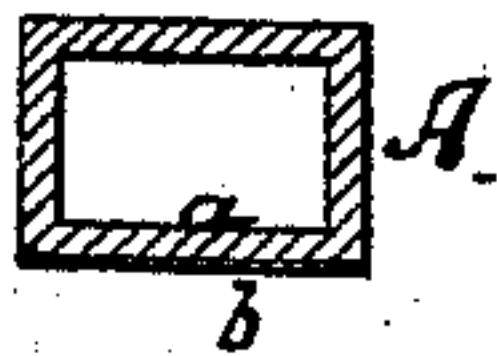
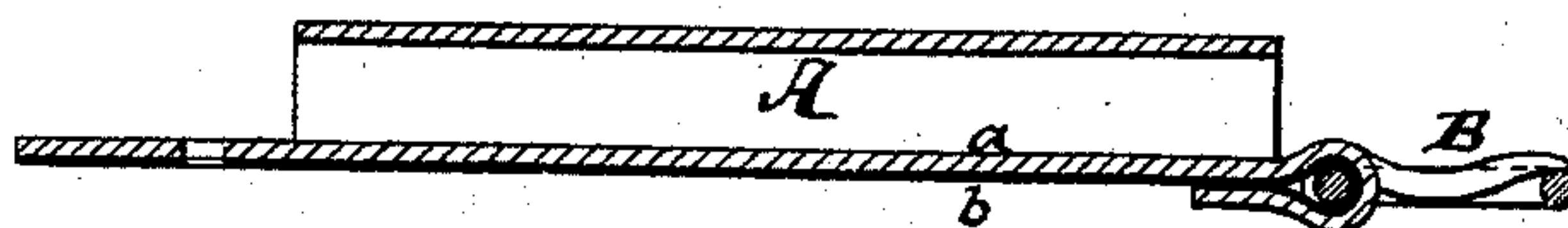


Fig: 4



Witnesses

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UNITED STATES PATENT OFFICE.

JOHN WATTERS, OF NEW YORK, N. Y.

BOX-LOOP.

SPECIFICATION forming part of Letters Patent No. 269,975, dated January 2, 1883.

Application filed November 18, 1882. (No model.)

To all whom it may concern:

Be it known that I, JOHN WATTERS, of New York, in the county and State of New York, have invented an Improvement in Box-Loops, of which the following is a specification.

Figure 1 is a plan or top view of my improved box-loop; Fig. 2, a vertical longitudinal section of the same, Fig. 3, a cross-section of the same; and Fig. 4 a vertical longitudinal section of a modification of the same.

This invention relates to a new rubber box-loop, which is made in one piece, so to say, with its bottom plate, said bottom plate being longer than the body of the loop.

The invention consists in molding the bottom plate onto the elongated bottom of the rubber loop, as hereinafter more fully described.

A in the drawings represents a box-loop, made of india-rubber or analogous material, with open ends, and of the usual angular or analogous form in cross-section, as shown in Fig. 3. The bottom plate, *a*, of this loop is extended at one or both ends of the loop, according as one or more brackets should be connected to the loop. To this rubber bottom is cemented a piece of fabric, *b*, which is intended to stiffen the rubber bottom plate, and which is as long as the elongated bottom *a* of

the loop. This stiffening-plate *b*, instead of being made of fabric, may be made of thin metal, which is indicated in Fig. 4, said metal being roughened on the contact side, or otherwise prepared to be properly cemented to the rubber loop in forming the same. The buckle *B* is secured by folding the projecting portions of the bottom plate around the back bar or inner bar of the buckle, as shown. The loop thus produced can be fastened to the curtain in suitable manner, either by stitches or by clinching-spurs, rivets, or otherwise.

Instead of cementing the plate *b* to the elongated bottom of the loop, it may be fastened thereto in any other suitable manner.

Instead of fabric or metal, leather or the like may be used as material for the plate *b*.

The plate *b* may, if desired, be made a little wider than the loop.

I claim—

The rubber loop *A*, having elongated bottom *a*, and combined with the strengthening bottom plate, *b*, which is fastened to the elongated bottom of the loop, substantially as herein shown and described.

JOHN WATTERS.

Witnesses:

WILLY G. E. SCHULTZ,
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