

(No Model.)

M. HYMAN.  
SUSPENDER BUCKLE.

No. 373,405.

Patented Nov. 15, 1887.

Fig. 1.

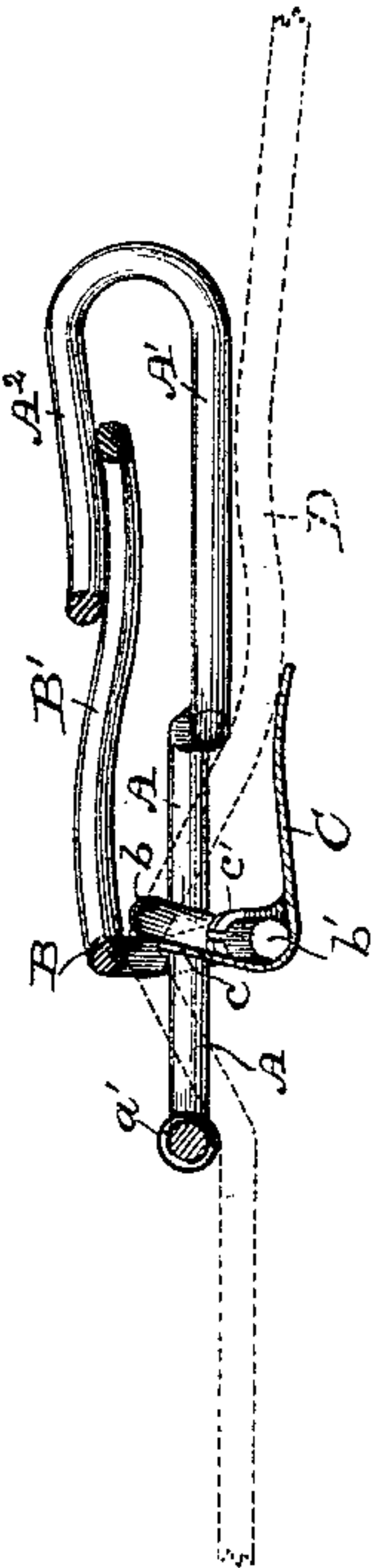


Fig. 3.

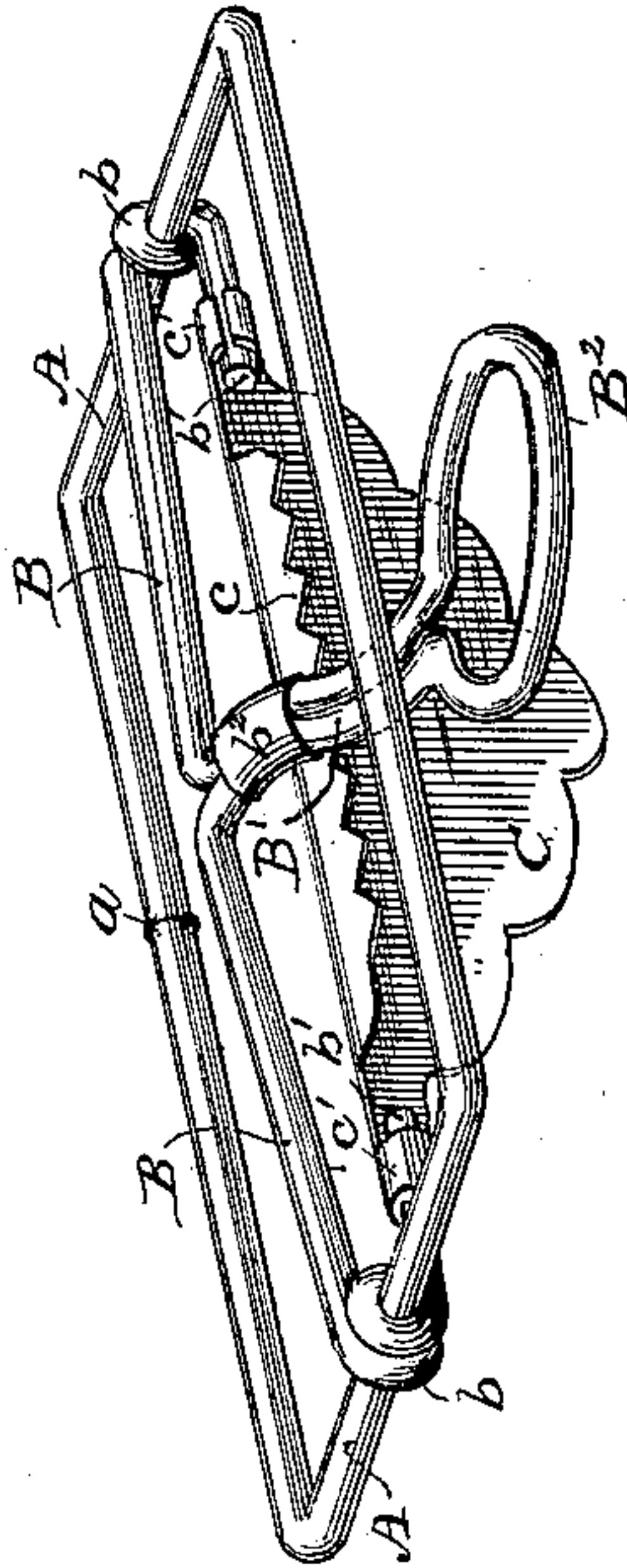
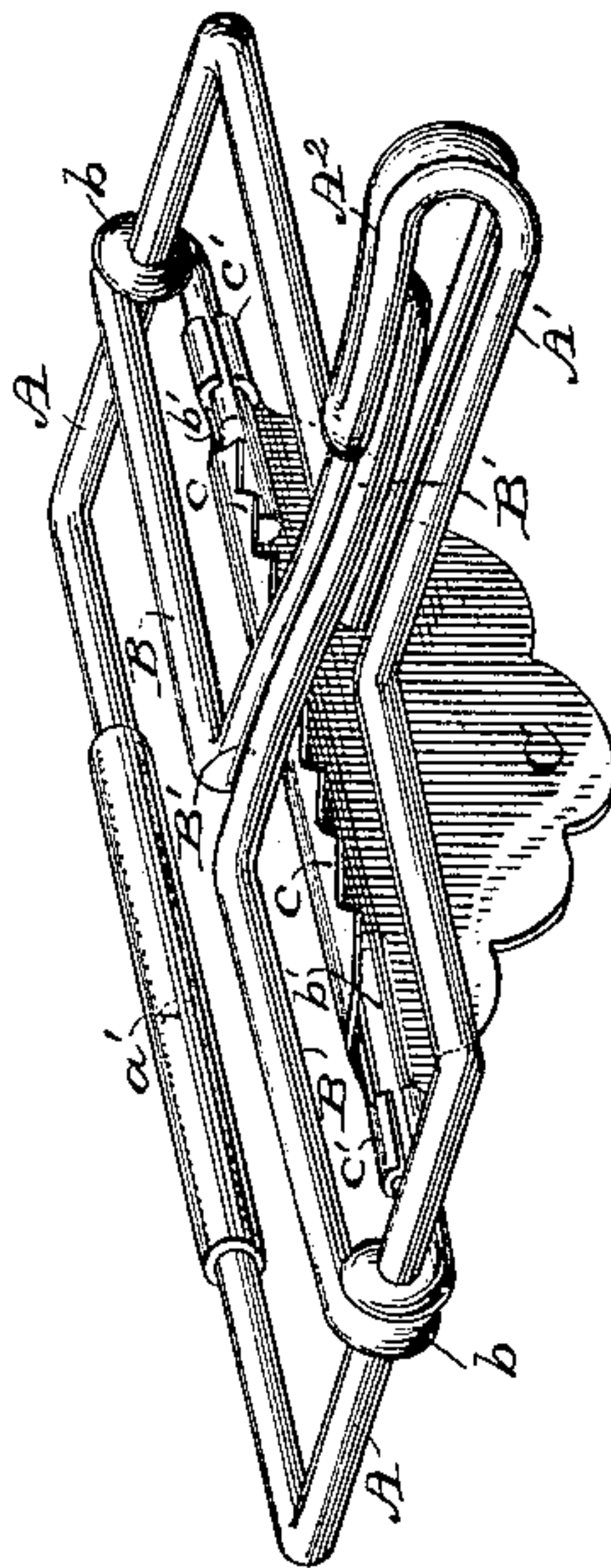


Fig. 2.



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# UNITED STATES PATENT OFFICE.

MAURICE HYMAN, OF MILWAUKEE, WISCONSIN.

## SUSPENDER-BUCKLE.

SPECIFICATION forming part of Letters Patent No. 373,405, dated November 15, 1887.

Application filed September 3, 1887. Serial No. 248,676. (No model.)

*To all whom it may concern:*

Be it known that I, MAURICE HYMAN, of Milwaukee, in the county of Milwaukee, and in the State of Wisconsin, have invented certain new and useful Improvements in Suspender-Buckles; and I do hereby declare that the following is a full, clear, and exact description thereof.

My invention relates to suspender-fastenings; and it consists of an improved buckle, as will be fully set forth hereinafter, and pointed out in the claims.

In the drawings, Figure 1 is a central vertical section of the form shown in Fig. 2. Fig. 2 is a perspective view of one form of my device, and Fig. 3 is a like view of another form.

My improved buckles are preferably made of spring-wire.

A is the body bent into an oblong rectangular form, and may either be a simple rectangle, as shown in Fig. 3, or it may be continued into the shank A' and hook A<sup>2</sup>, as shown in Fig. 2, and in either case it consists, preferably, of a single strip of the wire whose ends are brought together, as at *a*, Fig. 3, and suitably united, as by the ferrule *a'*, Fig. 2, or by soldering or welding.

B is the spring consisting of another strip of spring-wire whose ends are coiled around the shorter sides of the rectangular body A, as shown at *b b*, (where they may be fastened, if desired, in any suitable manner,) and thence project inward on the under side of the buckle, pointing toward each other, as shown at *b' b'*, and there these ends receive the clip C, consisting of a plate with the ordinary bent and serrated edge, *c*, which plate is hinged to said ends, as shown at *c' c'*. At the center, on the opposite side of the buckle from said hinged plate, the wire of the spring B is bent transversely to the length of the buckle into a double shank, B', (which may be further strengthened by a band, *b<sup>2</sup>*, if desired,) and the outer end of this shank may be formed into a ring, B<sup>2</sup>, as in Fig. 3, or be simply left in its normal doubled condition, as in Fig. 2, to engage with the hook A<sup>2</sup>. (Shown in that figure.)

It will be readily understood from the drawings that the form shown in Fig. 2 is designed to be used with that form of suspender-ends which are united by a ring, while the form shown in Fig. 3 is intended to be used with

such suspender-ends as are constructed themselves with a hook, both these forms being old, common, and well known, and forming no part of my present invention.

In Fig. 1 I represent by dotted lines D the web of a suspender, in order to show the position of one of my buckles thereon when fastened by the clip C, and when thus fastened and in use it will be impossible for the buckle to be drawn downward or to slip, no matter how great the strain may be; but at the same time the slightest downward pull on the web D will serve to release the clip C, and then the buckle can be adjusted instantly to any height on the web desired without detaching any of the parts from each other, or from the suspender or clothing of the wearer, while at the same time the teeth of the clip hold the web at a point opposite the main portion of the spring B, and hence the grip is very firm and secure. The body A being merely a skeleton frame, I secure all the requisite strength with the further advantage of extreme lightness and economy of material.

Having now fully described my invention, what I claim, and desire to secure by Letters Patent, is—

1. In a suspender-buckle, the combination of a skeleton body with a spring whose ends are coiled around the sides of said body and thence project inward, facing each other, and a clip hinged to said ends, and having a bent and serrated edge parallel with the main portion of said spring, substantially as set forth.

2. In a suspender-buckle, the combination of a rectangular oblong skeleton wire body with a spring-piece extending across the greatest length of said body having a transverse central shank or bend, and ends coiled around the sides of the body and thence projecting inward on the under side of the buckle, facing each other, and a clip hinged to said ends, having a bent and serrated holding-edge, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand at Milwaukee, in the county of Milwaukee and State of Wisconsin, in the presence of two witnesses.

MAURICE HYMAN.

Witnesses:

H. G. UNDERWOOD,  
GUS. GINZBURGER.