

(No Model.)

L. STEIN.  
SPRING CLASP.

No. 362,189.

Patented May 3, 1887.

fig. 1.

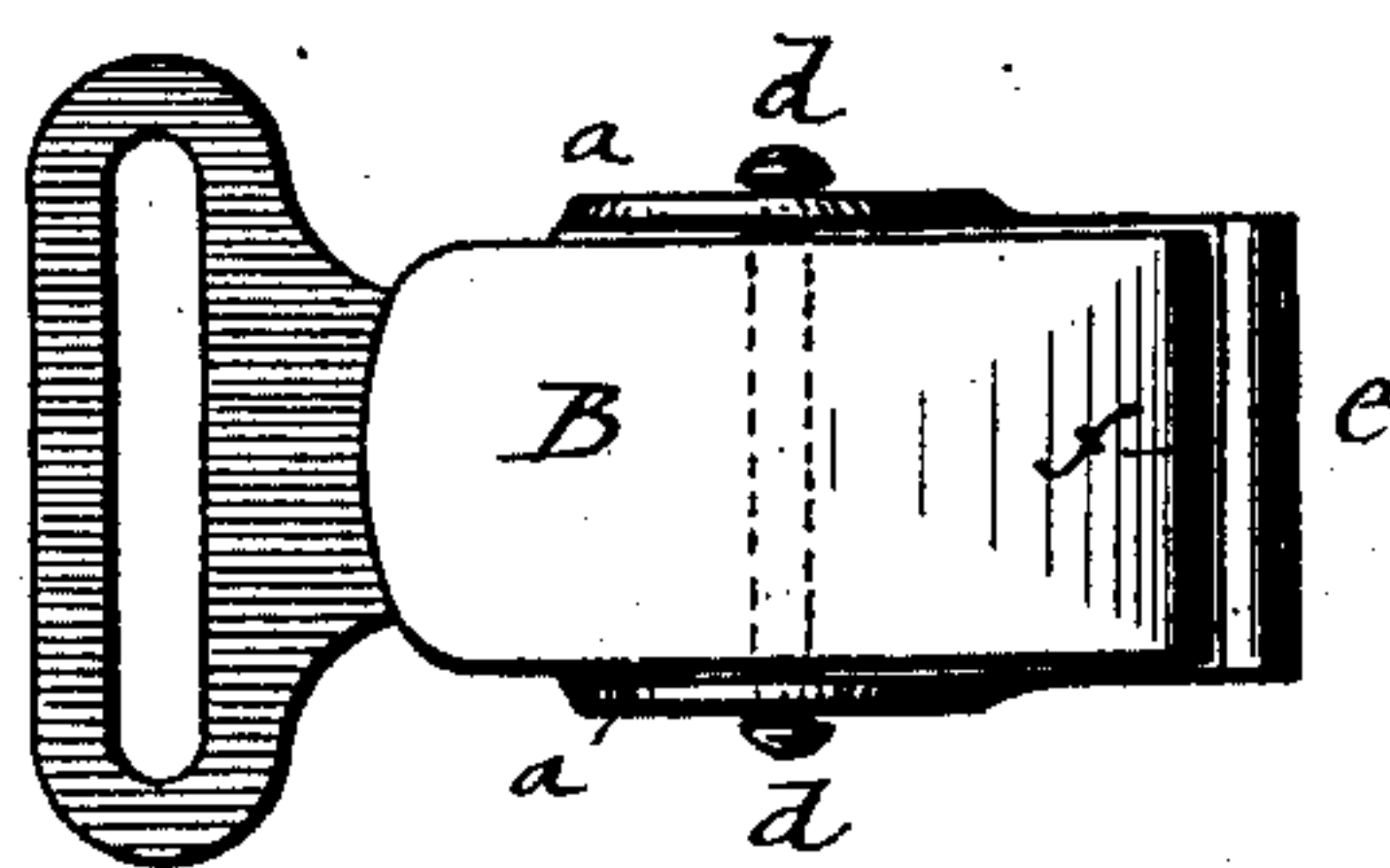


fig. 3.

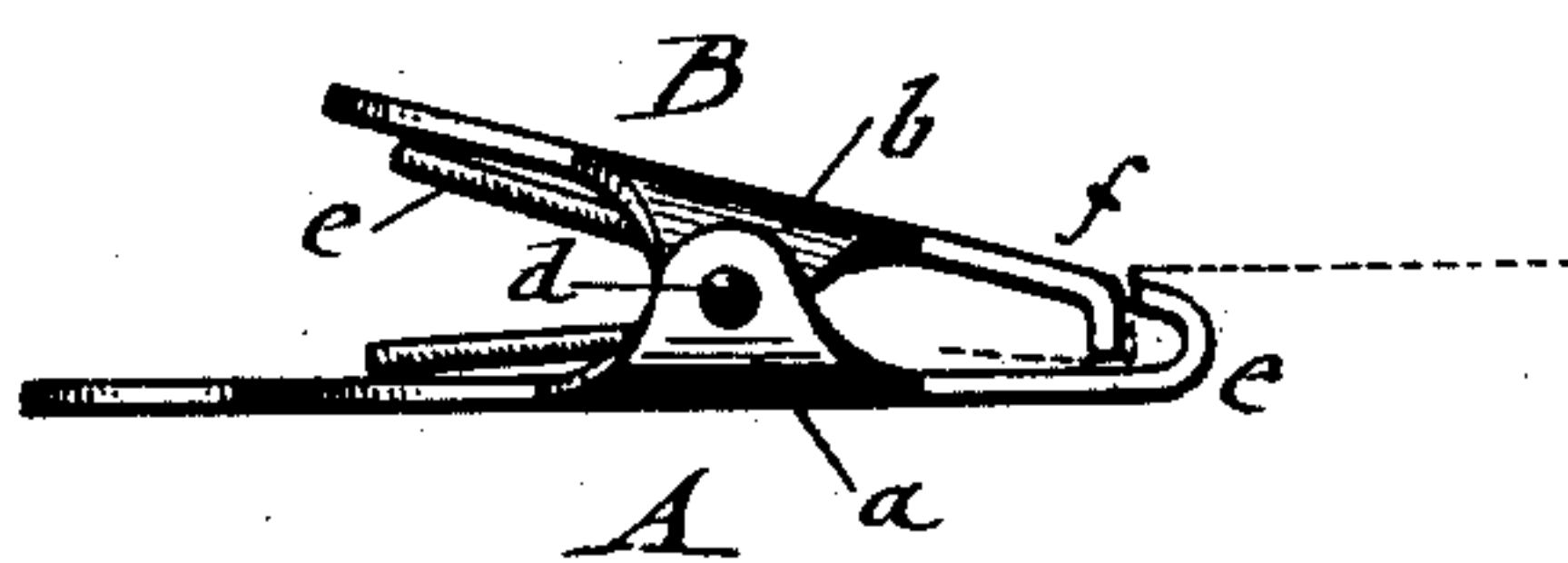
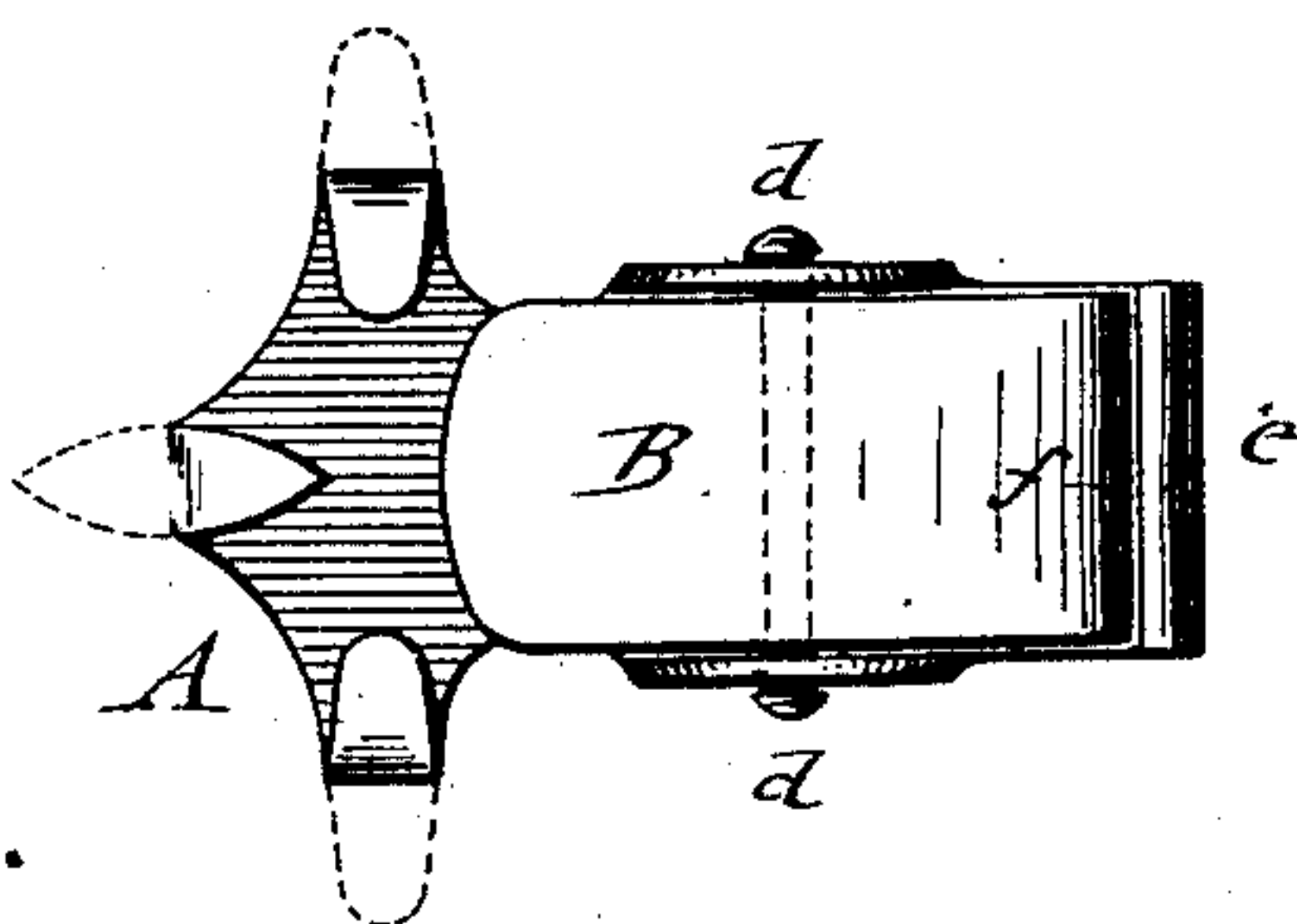


fig. 2.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

LEWIS STEIN, OF NEW YORK, N. Y.

## SPRING-CLASP.

SPECIFICATION forming part of Letters Patent No. 362,189, dated May 3, 1887.

Application filed January 17, 1887. Serial No. 224,510. (No model.)

*To all whom it may concern:*

Be it known that I, LEWIS STEIN, of the city, county, and State of New York, have invented certain new and useful Improvements in Spring-Clasps, of which the following is a specification.

This invention relates to an improved spring-clasp of that class which is used for stocking-supporters and other garment-supporting devices; and the invention consists of a spring-clasp the pivoted sections of which are provided with jaws which are not serrated, the jaw of the main plate being composed of an upwardly and backwardly bent hook, while the jaw of the other section is bent toward the main section, close to the edge of the hook-shaped jaw.

In the accompanying drawings, Figures 1 and 2 represent plan views of my improved spring-clasp, and Fig. 3 represents a side elevation of the same.

Similar letters of reference indicate corresponding parts.

Referring to the drawings, A represents the main plate or section of my improved spring-clasp, and B the oscillating plate or section, both of which are provided with upwardly-bent ears *a b*, made integral therewith, said ears being connected by a transverse pivot, *d*, on which the plate B oscillates. A spiral spring, *e*, is interposed between the plates A and B of the clasp, the free ends of the spring acting on the rear ends of the plates, so as to press their front ends or jaws together. The rear end of the main plate A is either provided with a slot or with prongs for attaching the clasp to an elastic or other band. The front

end of the main plate A is provided with an upwardly and backwardly bent or hook-shaped jaw, *e*, while the plate B is provided with a jaw, *f*, that is bent toward the main plate, close to the edge of the jaw *e*, as shown in Fig. 3, so that the fabric is taken hold of by the jaws, as shown in dotted lines in Fig. 3.

The fabric, in being clasped between the jaws *e* and *f*, is bent twice at right angles, first at the edge of the hook-shaped jaw *e* and the second time between the edge of the jaw *f* and the main plate A. In other words, the fabric is retained by the clamping-pressure exerted by the jaws at two points on the same, and thereby a very effective grip is exerted on the fabric without tearing the same, as the jaws are not serrated, like those of the well-known spring-clasps heretofore in use.

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

A spring-clasp one plate of which is bent at one end to form a hook-shaped jaw, and a second plate pivoted to lugs of the first plate and having its end bent down toward the first plate back of and adjacent to the hook-shaped jaw of the first plate, whereby the edge of the hook-shaped jaw faces the downwardly-bent end of the other plate, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

LEWIS STEIN.

Witnesses:

PAUL GOEPEL,  
MARTIN PETRY.