

R. P. STAATS.
Clasps for Elastic Bands.

No. 145,073.

Patented Dec. 2, 1873.

Fig. 2.

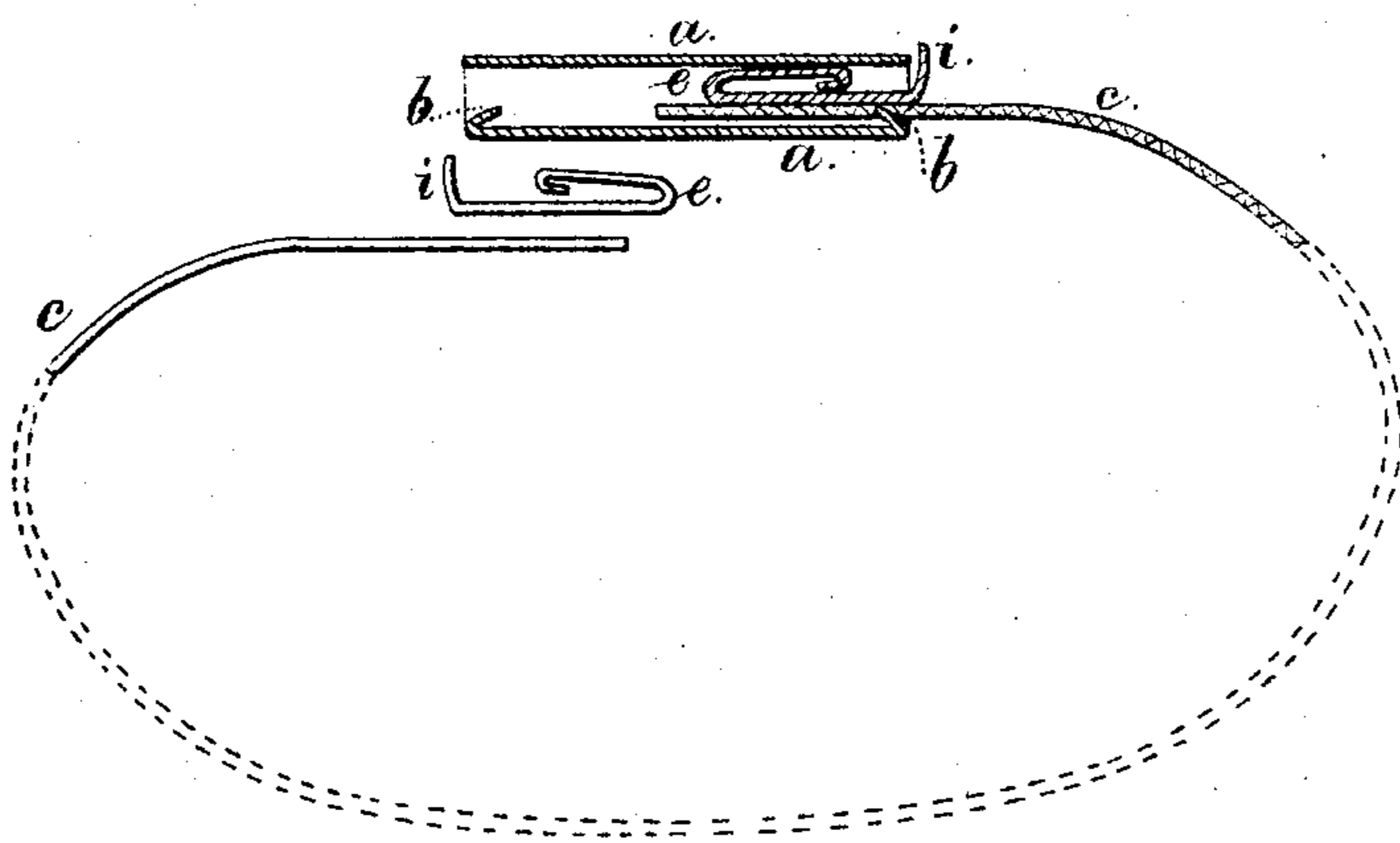
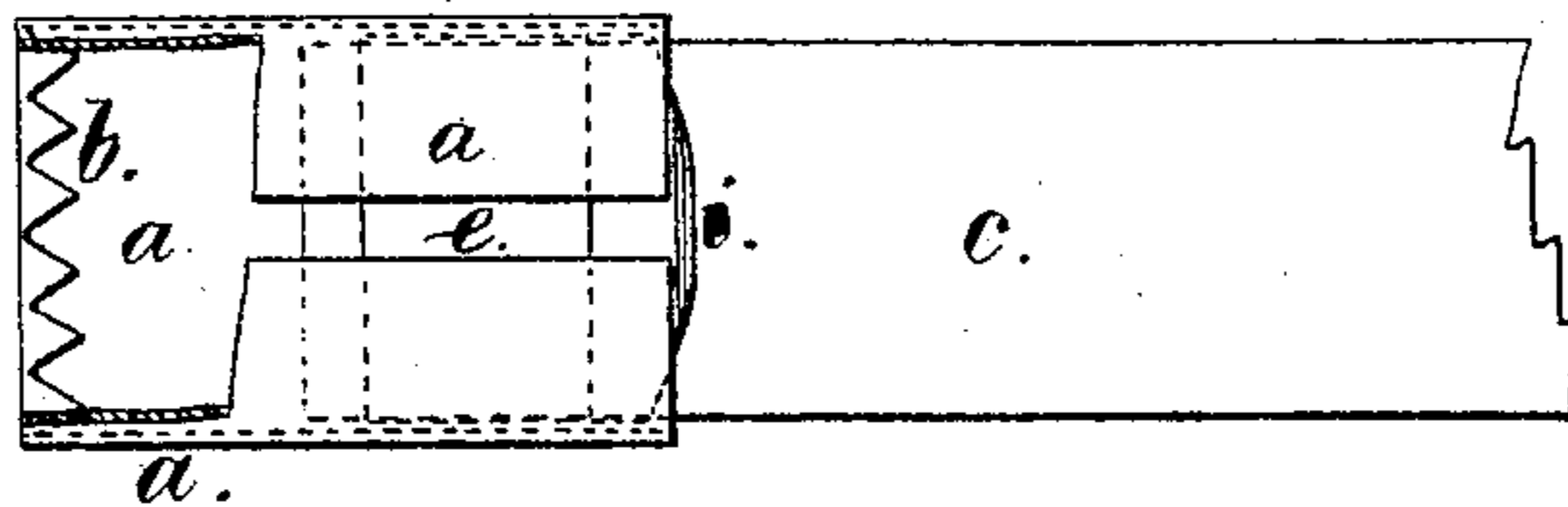


Fig. 1.



Witnesses:
Chas. Smith.
Geo. D. Walker.

Inventor:
Robert P. Staats,
Lemuel W. Ferrell atty.

UNITED STATES PATENT OFFICE.

ROBERT P. STAATS, OF NEW YORK, N. Y., ASSIGNOR TO HIMSELF AND
FRANK A. STOUT, OF SAME PLACE.

IMPROVEMENT IN CLASPS FOR ELASTIC BANDS.

Specification forming part of Letters Patent No. **145,073**, dated December 2, 1873; application filed
April 18, 1873.

To all whom it may concern:

Be it known that I, ROBERT P. STAATS, of the city and State of New York, have invented an Improvement in Clasps for Elastic Bands, of which the following is a specification:

Clasps have been made in which the end of the elastic is received within a clip with teeth, and this is thrust into a flat case, and held by a spring-latch; but the entire strain of the elastic band is taken upon the spring-latch.

My invention consists in a clasp formed of a case with penetrating hooked teeth, turned inwardly toward each other at the ends, upon which the elastic band is pressed, and hooked by the action of removable spring-wedges. These wedges can be easily withdrawn for shortening the elastic band, and all the strain of the said band is taken upon the case itself.

In the drawing, Figure 1 is a plan in larger size, showing the case with the elastic attached at one end, and the other end of the case broken open to show the teeth. Fig. 2 is a section of the same with the elastic attached at one end, and the other end of the elastic and spring-wedge separate.

The case *a*, of metal, has the teeth *b* at the ends turned inwardly, and pointing toward each other, so that the strain upon the elastic band *c* tends to force the teeth through the elastic band. Hence, to secure the elastic band to such case, it is only necessary to pass the ends of such elastic into the case, and insert the spring-wedges *e*, that press the elastic to the points of the teeth.

These spring-wedges are made of the folded strip of metal shown; and the thumb-piece or lip *i* serves for withdrawing the spring-wedge when it is desired to change the elastic.

I claim as my invention—

The spring-wedges *e*, in combination with the case *a*, having the teeth *b* at the ends bent inwardly, as and for the purposes set forth.

Signed by me this 14th day of April, A. D. 1873.

ROBT. P. STAATS.

Witnesses:

GEO. T. PINCKNEY,
CHAS. H. SMITH.