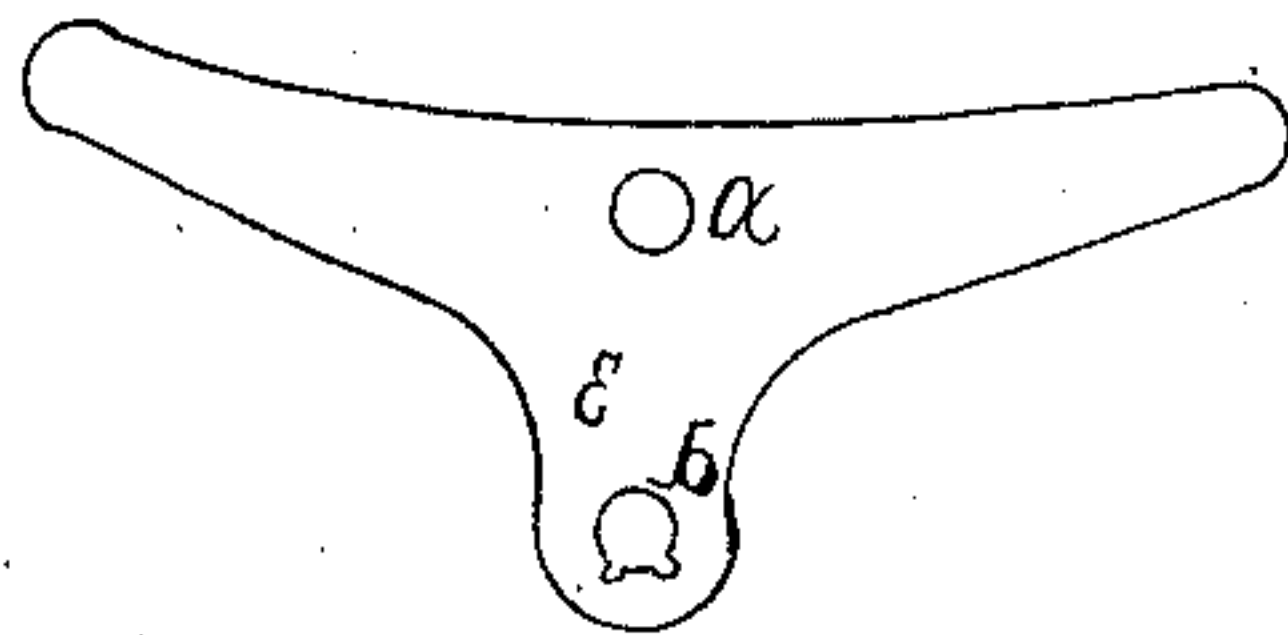


*J. Batchelder.*  
*Neck Tie.*

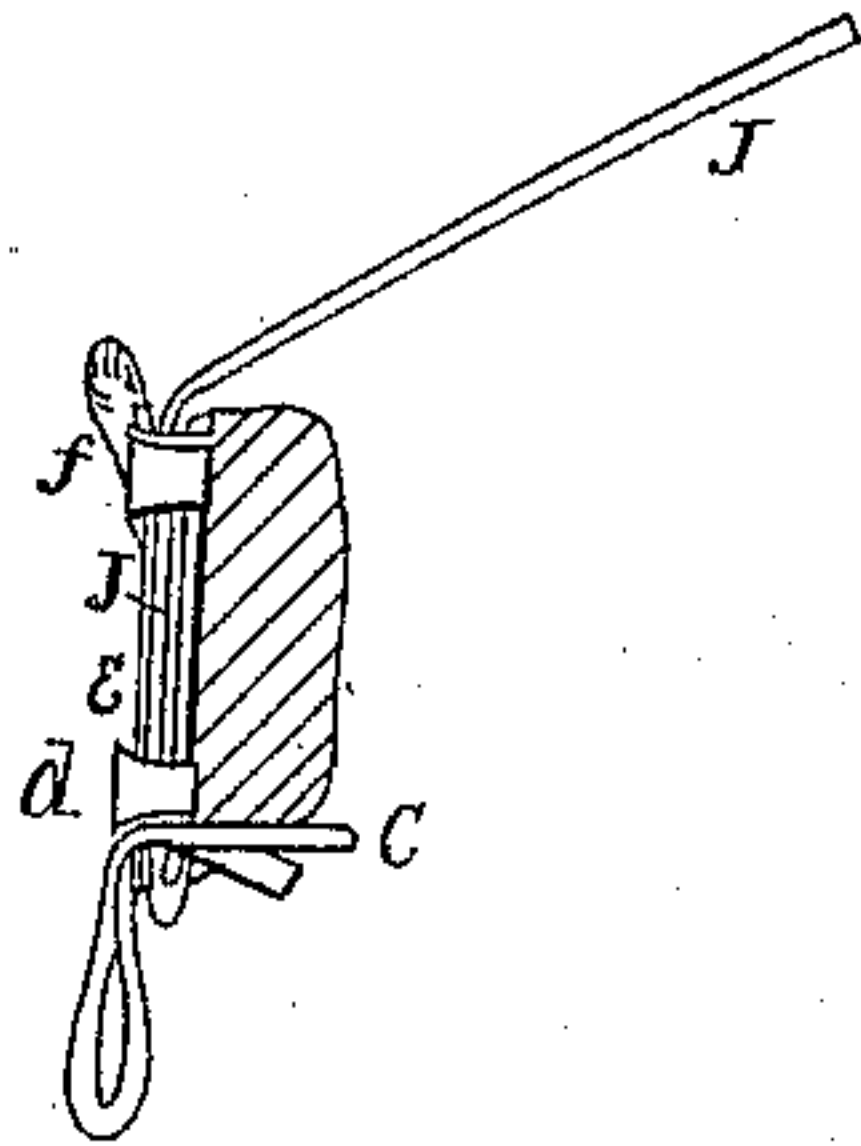
*No. 99619.*

*Patented Feb 8. 1870.*

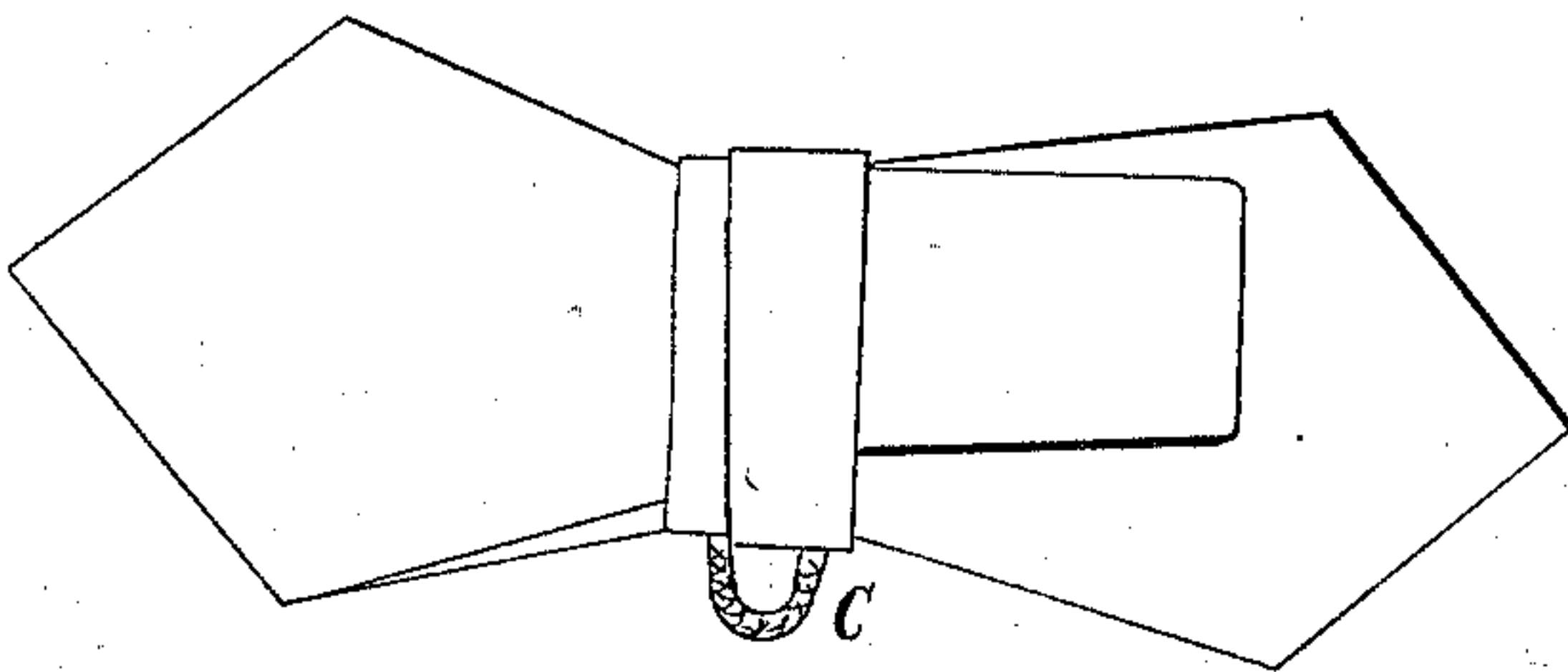
*Fig. 1*



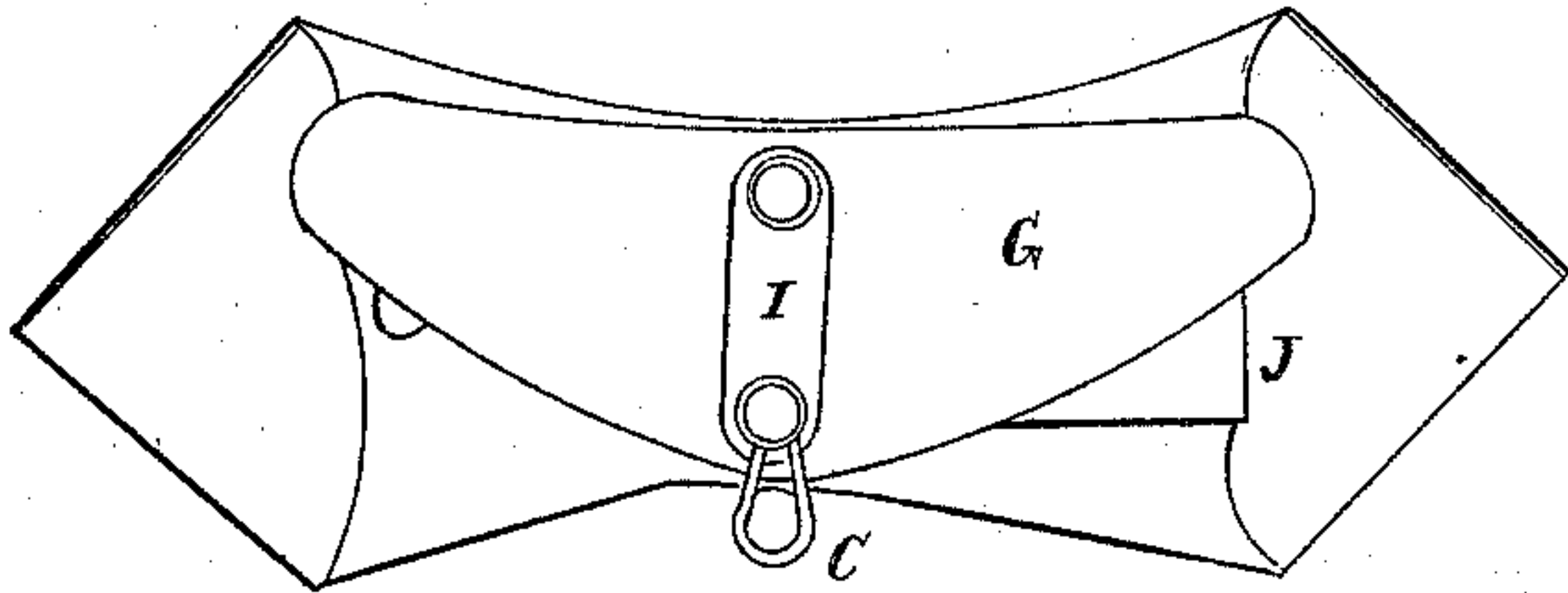
*Fig. 2*



*Fig. 3*



*Fig. 4*



*John Batchelder*

*Witnesses—*

*Geo. C. Ripley*  
*J. Halsey*

# United States Patent Office.

JOHN BACHELDER, OF NORWICH, CONNECTICUT.

*Letters Patent No. 99,619, dated February 8, 1870.*

## IMPROVEMENT IN NECKTIES.

The Schedule referred to in these Letters Patent and making part of the same.

I, JOHN BACHELDER, of Norwich, in the county of New London, and State of Connecticut, have invented an Improved Method of Securing the Parts used in making Neckties or Bows, of which the following is a specification.

Of the drawings, forming a part of this specification—

Figure 1 represents a back view of a shield or retainer, perforated and ready for attachment;

Figure 2, a cross-section of the same, with the ends of the elastic cord forming the loop, the fabric for making the tie or bow, and the metallic eyelets, all in position before the eyelets are set; and

Figure 3, a bow, after the eyelets are set.

Figure 4 represents an alternate device, intended to show its applicability to any other form of shield or plate.

The manner of construction and arrangement is as follows:

Through a plate of metal, or other hard substance of sufficient density to resist the pressure of setting the eyelets and the expansion of the elastic cord, of which the loop is formed, I make holes for common metallic eyelets, as seen at *a* and *b*, in fig. 1.

At the lower edge of the hole *b*, I make two notches of about half the area of a cross-section of the elastic cord *c*, in which I place the ends of the cord, and then insert the eyelet *d*, passing it through the fabric *J* and the shield *e*, and clinch the eyelet, securing the ends of the loop-cord and fabric to the shield at the same time, and by the same eyelet. I also set an eyelet, *f*, in the hole *a*, to secure the upper edge of the shield to the fabric.

In the alternate device shown by fig. 4, I place a paper or cloth shield, *G*, between the plate *I* and the fabric *J*, and set a loop in the plate *G*, and secure all parts by eyelets, as in fig. 3.

I do not claim the shield, as ordinarily constructed.

I claim, as my invention—

The retainer *E*, provided with the notched perforation *b*, elastic cord *c*, and eyelet *d*, with or without the plate *I*, combined and arranged as described.

JOHN BACHELDER.

Witnesses:

GEO. C. RIPLEY,  
J. HULSEY.