

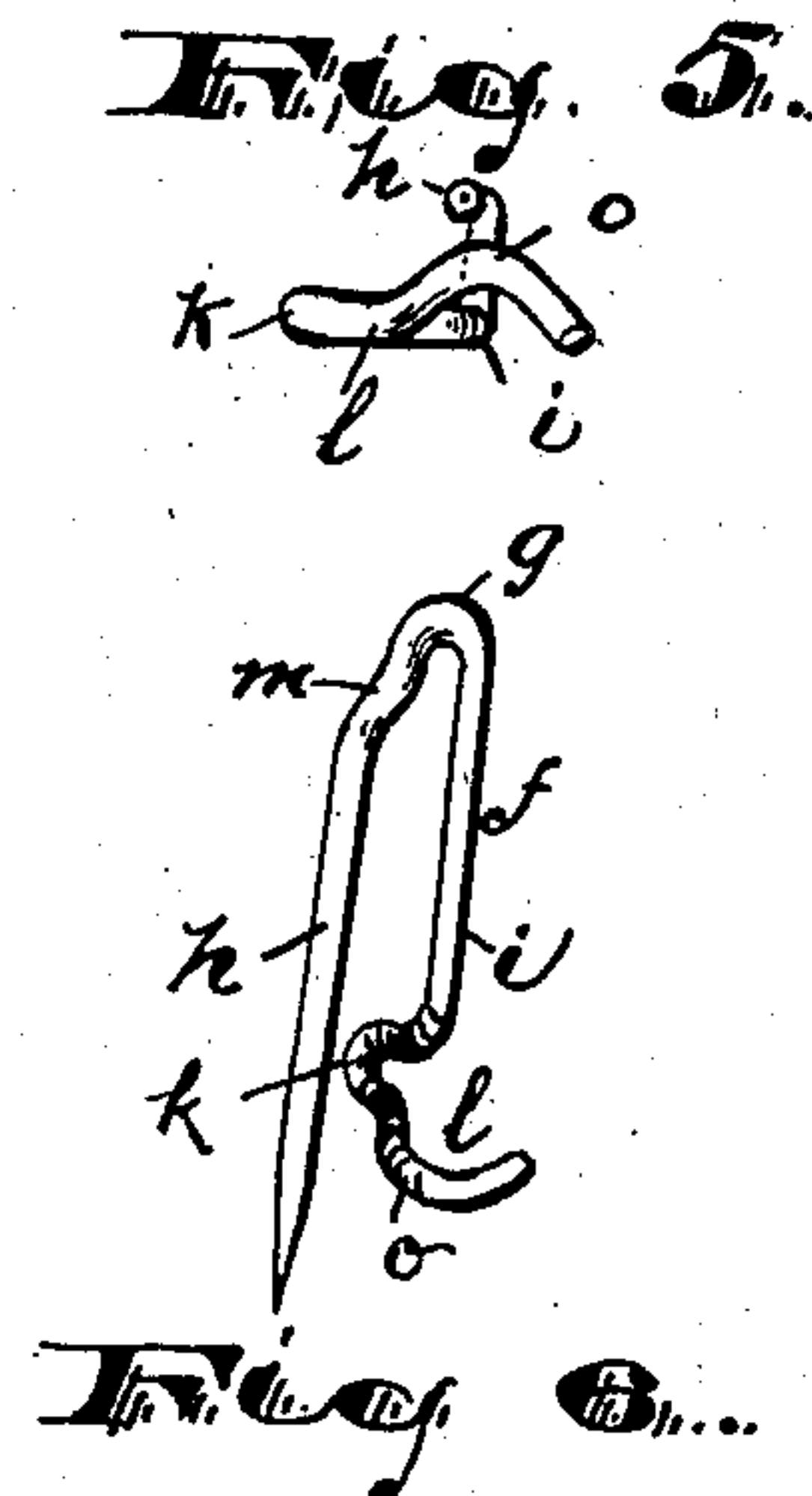
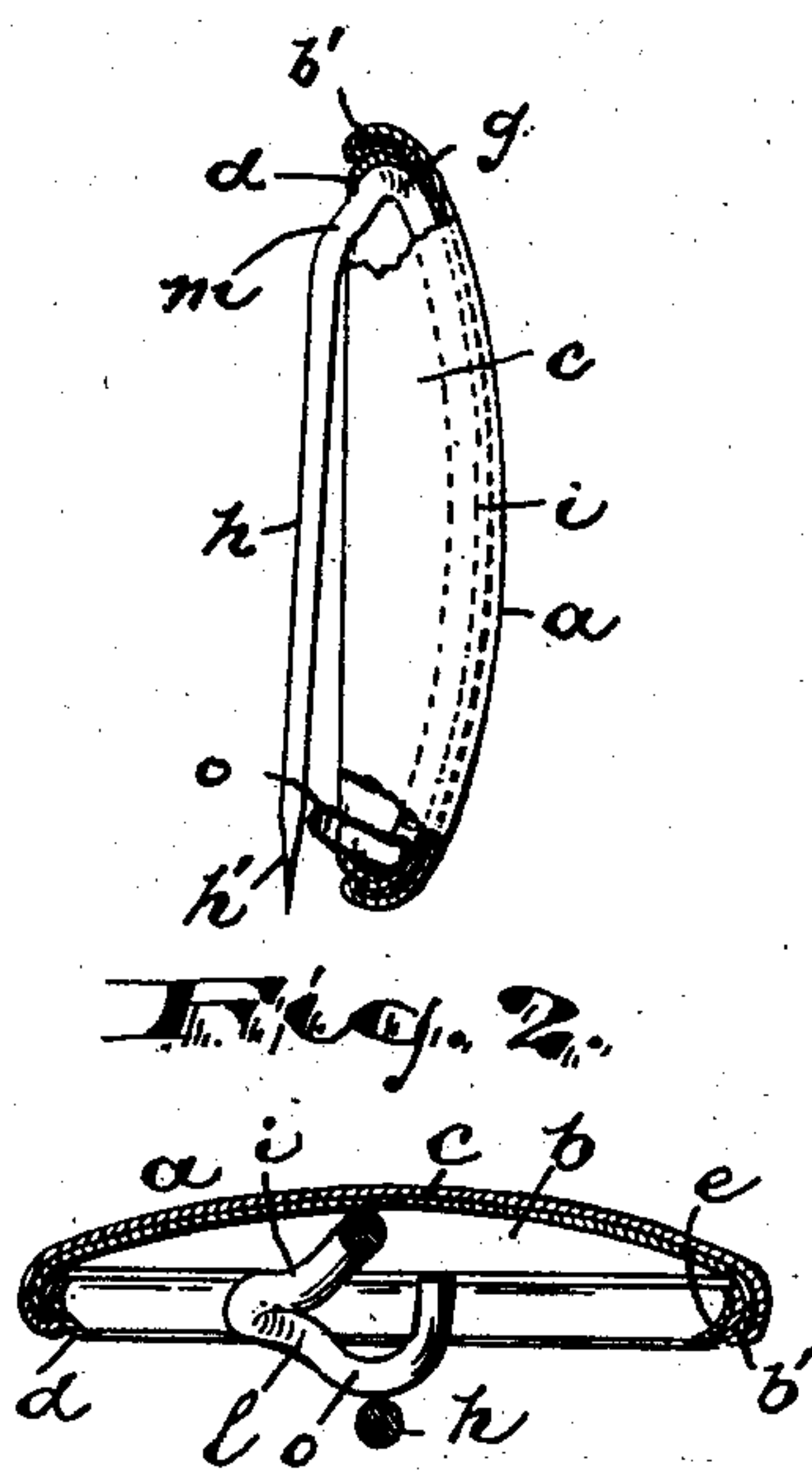
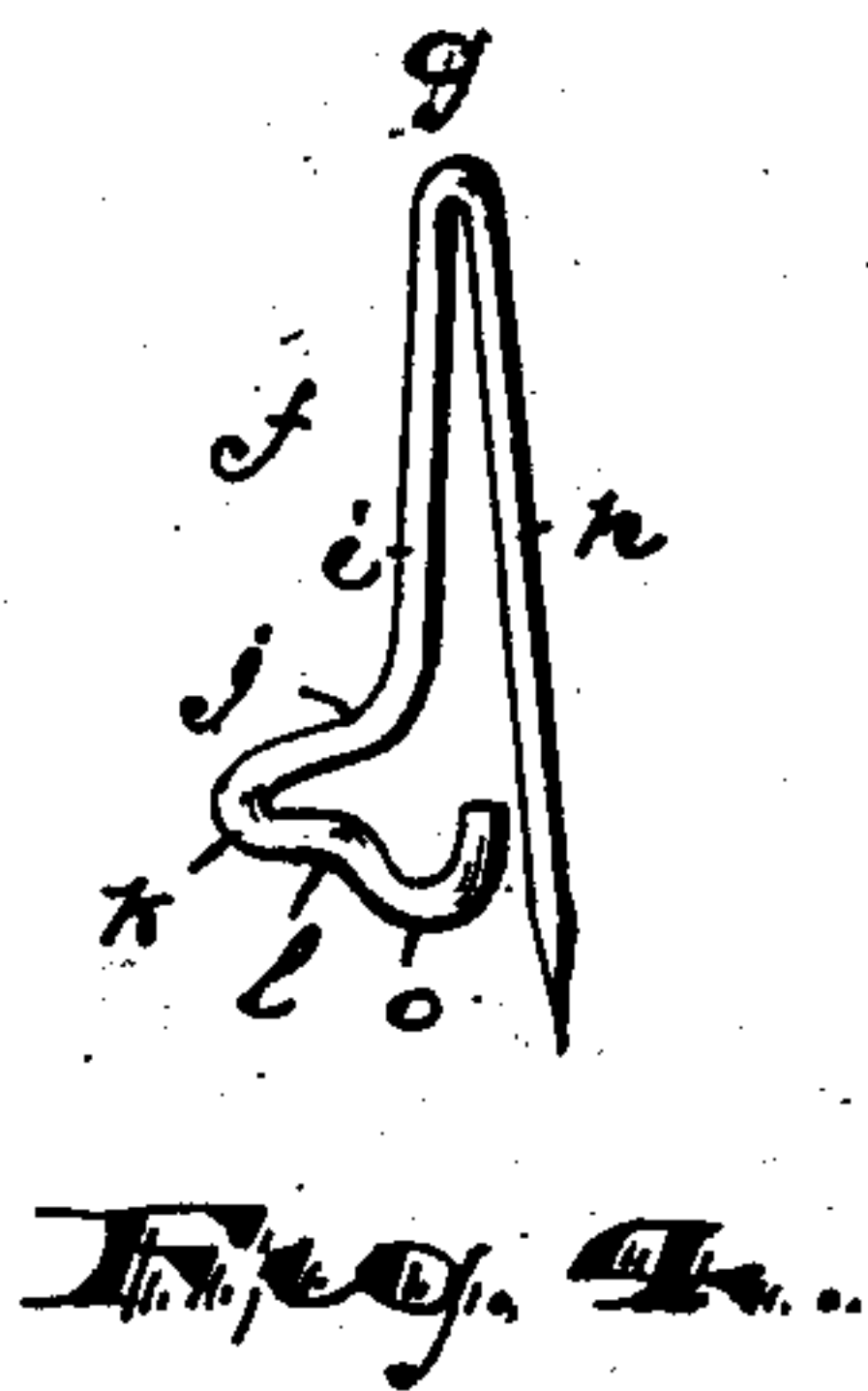
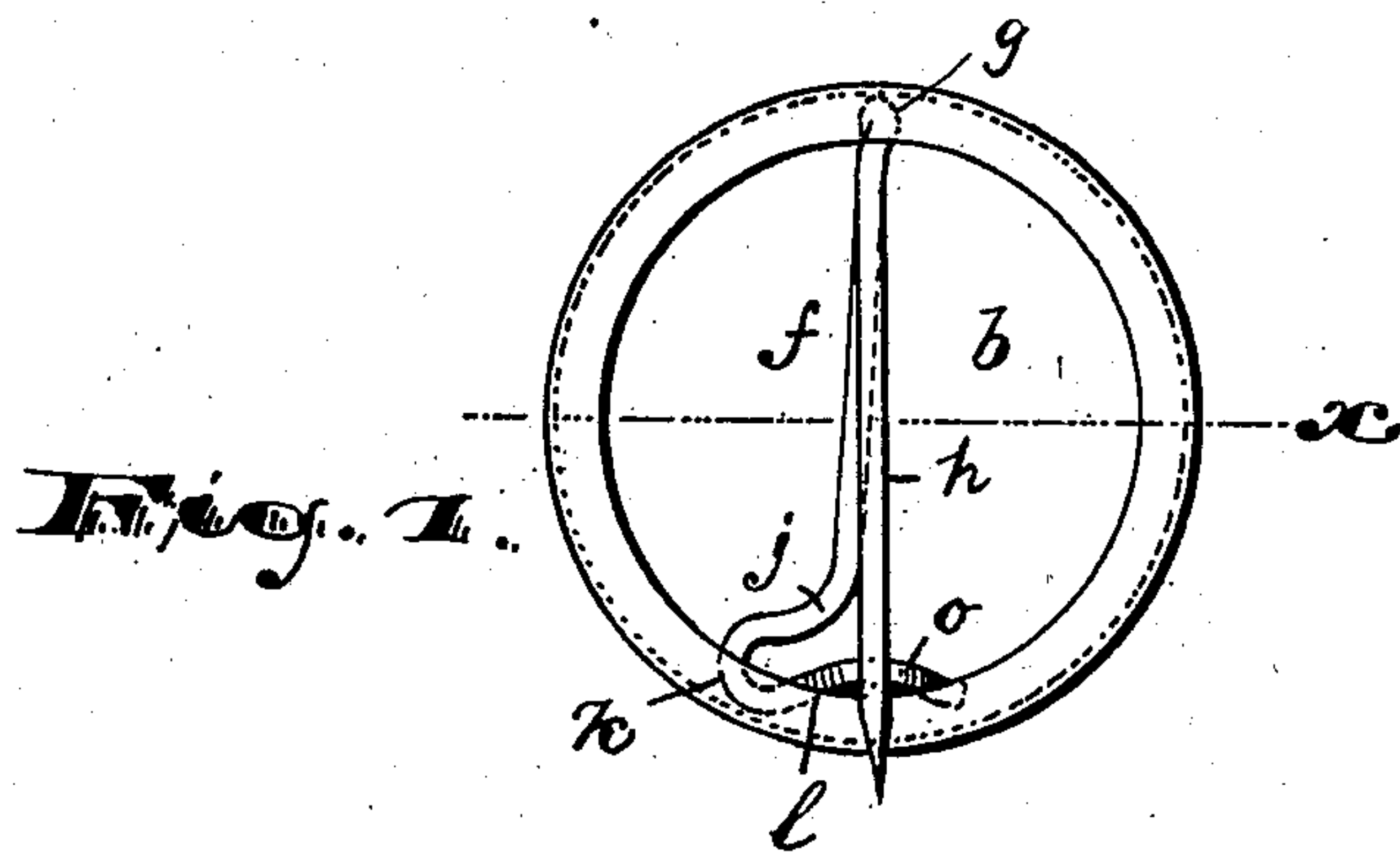
No. 720,553.

PATENTED FEB. 17, 1903.

W. D. BEETCHENOW.  
BUTTON BADGE AND PIN THEREFOR.

APPLICATION FILED APR. 27, 1900.

NO MODEL.



WITNESSES:  
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# UNITED STATES PATENT OFFICE.

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## BUTTON-BADGE AND PIN THEREFOR.

SPECIFICATION forming part of Letters Patent No. 720,553, dated February 17, 1903.

Application filed April 27, 1900. Serial No. 14,564. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM DODGE BEETCHENOW, a citizen of the United States, residing at Newark, in the county of Essex and State of New Jersey, have invented certain new and useful Improvements in Button-Badges and Pins Therefor; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention relates to that class of button-badges which are removably attached to the garment of the wearer by a pin at the back; and the objects of this invention are to provide for such buttons a new and improved attaching-pin, to secure a simple and economical construction, to obtain a pin which shall more firmly engage the garment, and to secure other advantages and results, some of which may be referred to hereinafter in connection with the description of the working parts.

The invention consists in the improved button-badges and pin for attaching the same and in the arrangements and combinations of parts of the same, all substantially as will be hereinafter set forth and finally embraced in the clauses of the claim.

Referring to the accompanying drawings, in which like letters of reference indicate corresponding parts in each of the several figures, Figure 1 is a reverse plan of my improved button. Fig. 2 is an edge view of the same and partly in section to show the manner of seating the pin in the shell. Fig. 3 is a cross-section taken at about line *x*, Fig. 1; and Figs. 4, 5, and 6 are detail views of the pin detached from the button.

In said drawings, *a* indicates the body or shell of the button, which is of a common construction, having the concavo-convex plate *b*, with rearwardly-bent edges *b'*, and a covering *c* stretched over said plate and having its margins turned inward over the edge *b'* of the plate and held in place by a collet *d*, pressed into the rear chamber of the button. The

said collet, in connection with the rearwardly-turned edges of the front plate, forms an inwardly-curved peripheral flange at the rear of the button, beneath which is a recess *e*.

The attaching-pin *f* is held to the button-body *a* by springing its opposite ends into this recess *e*, the pin then lying diametrically across the chamber at the back of the button. Said pin consists, in a general way, of a doubled piece of wire adapted to lie when placed in the button-chamber in a plane substantially perpendicular to the button. The looped end *g* of the pin lies in the recess *e*, as shown, and the outer arm of the doubled wire forms the pin-bar *h*, lying outside of the chamber of the button, while the inner arm forms a holding portion *i*, which preferably lies flat against the bottom of the chamber. Said holding portion *i* is at a point distant from the looped end *g* and near the opposite edge of the button bent to one side or out of the plane of the pin, as at *j*, and then turned, as at *k*, and extended, as at *l*, substantially across a chord of the circle of the button in which the pin as a whole lies. The ends of the transverse end part *l*, thus formed, are adapted to lie in the recess *e* of the button-back at an opposite point from the doubled end *g*, and thus the pin is held to the button body or shell. At the same time the elasticity given by the bends *j k* permits the pin to be sprung into and out of its seat by a slight longitudinal compression.

The pin-bar *h* is near its base bent outward, as at *m*, in the usual manner and then extends across the button and has its extremity *h'* sharpened to enter the garment of the wearer with ease. To provide a bearing for the free end of the pin-bar, a portion of the traverse part *l* of the holding portion of the pin is curved or rounded upward, as at *o*, to project beyond the plane of the rear of the button-body and form a seat for the pin-bar to lie against with spring-pressure. When, therefore, the button is displayed upon a garment, the pin-bar *h* lies beneath the fabric and presses the same against the outwardly-rounded middle portion *o* of the part *l* and a fastening to the garment is secured independent of the shell or body of the button.



Having thus described the invention, what I claim as new is—

1. In a badge, the combination with the shell or body having a recess formed a little in from its outer edge, of a fastening-pin integrally embodying a holding portion adapted to fit into said recess and be retained therein, the pointed end of said pin extending diametrically across the face of the body and the opposite end of said pin being bent to lie in a chord of the circle of said body, said last-mentioned part projecting out from said recess and lying in a plane away from the plane of the said body-surface and normally holding the pointed end of the pin away from contact with the surface of said body, substantially as set forth.

2. In a badge, the combination with a chambered shell having a recess at the periphery, of an attaching-pin comprising a doubled piece of wire extending across said chamber and having its folded end lying in said recess, the free end of one arm being bent transversely and sprung into the recess at points opposite the doubled end, and the

other arm forming a pin-bar pointed at its free end, substantially as set forth.

3. In a badge, the combination with a body or shell having an inwardly-curved flange at its rear side, of a fastening-pin comprising a doubled piece of wire extending across the button approximately in a plane at right angles thereto and being inserted at its doubled end beneath said flange, the inner arm of the pin being near its free end bent sidewise out of the plane of the pin and then turned to form a transverse end bearing, portions of which extend beneath the flange of the button-body and another portion of which is exposed, and the outer arm of the pin forming a pin-bar engaging with spring-pressure the exposed portion of the said transverse end bearing, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 23d day of April, 1900.

WILLIAM DODGE BEETCHENOW.

Witnesses:

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RUSSELL M. EVERETT.