

H. N. NORTHROP.  
COLLAR SUPPORTER.  
APPLICATION FILED AUG. 24, 1908.

975,986.

Patented Nov. 15, 1910.

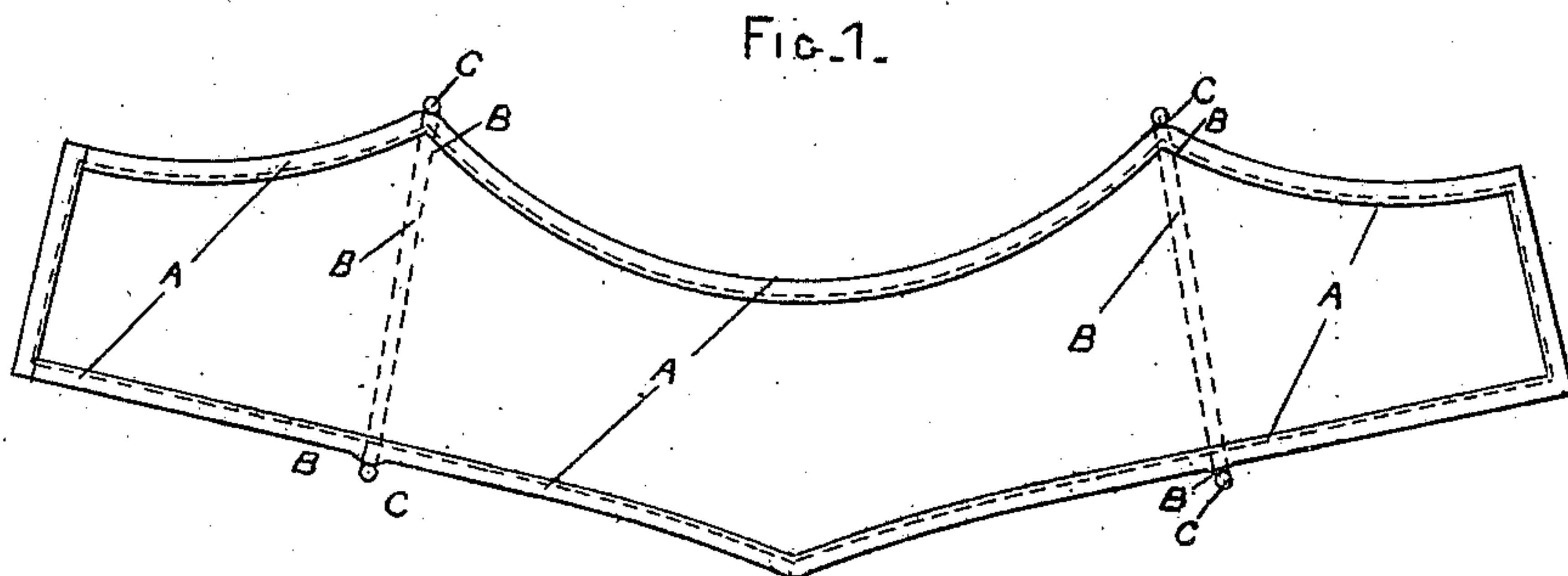


FIG. 2.

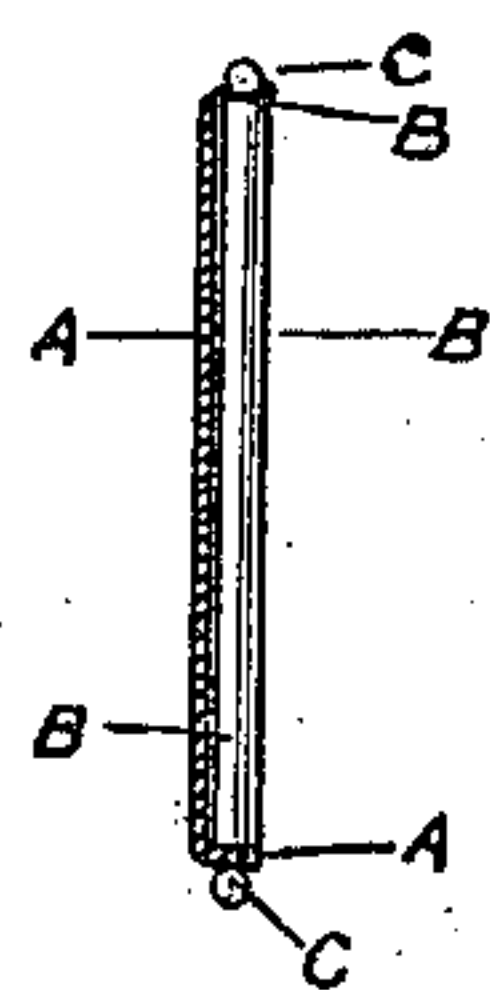


FIG. 3.

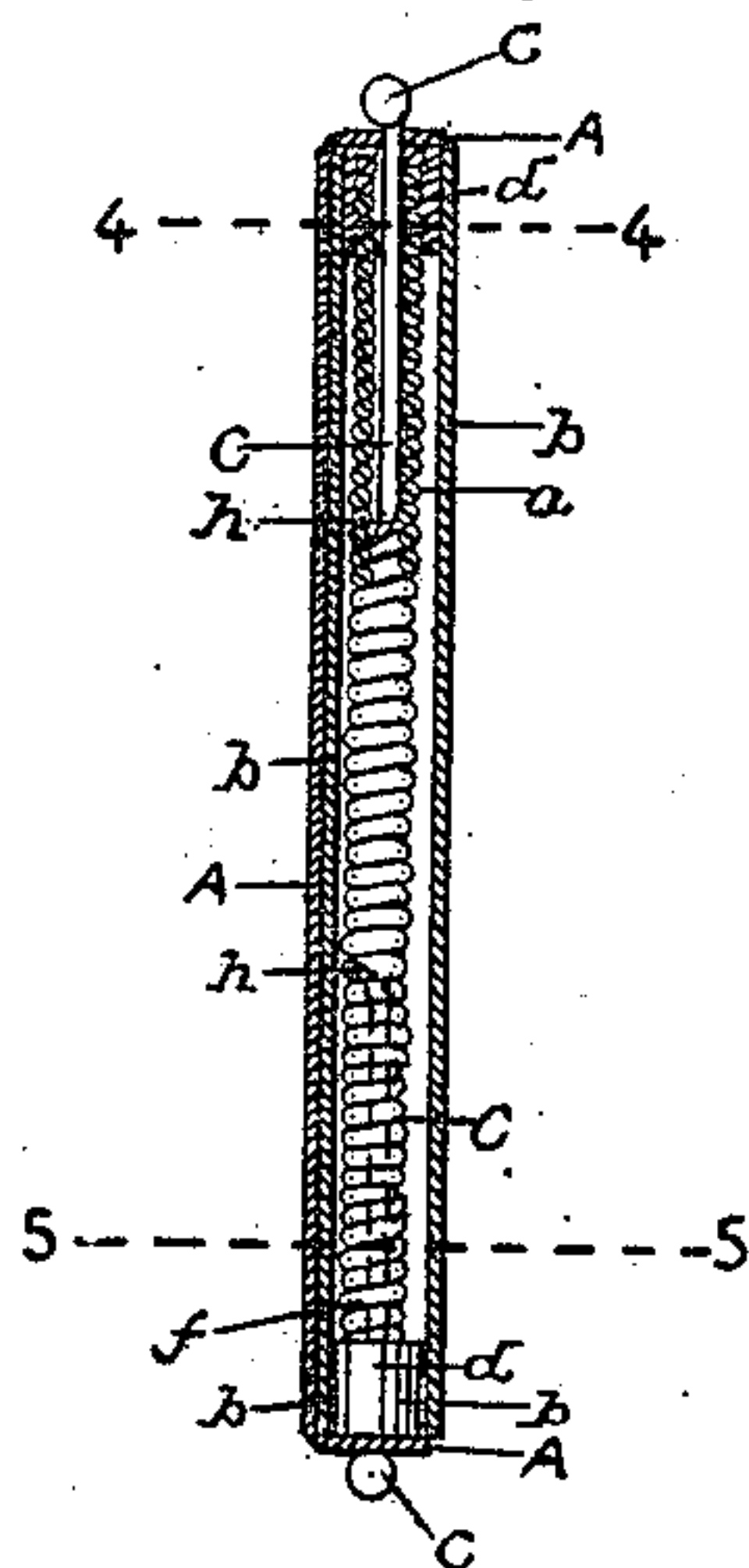
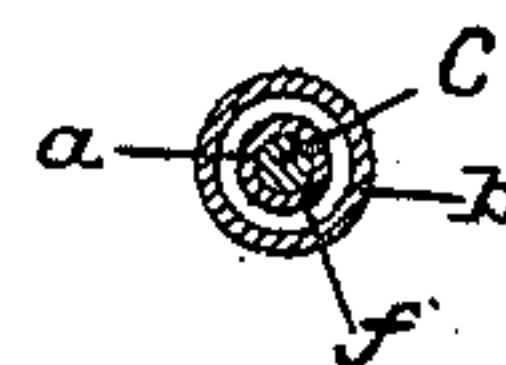


FIG. 4.



FIG. 5.



WITNESSES.

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# UNITED STATES PATENT OFFICE.

HERBERT N. NORTHROP, OF SOMERVILLE, MASSACHUSETTS.

## COLLAR-SUPPORTER.

975,986.

Specification of Letters Patent.

Patented Nov. 15, 1910.

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*To all whom it may concern:*

Be it known that I, HERBERT N. NORTHROP, a citizen of the United States, residing at the city of Somerville, in the county of Middlesex and State of Massachusetts, have invented new and useful Improvements in Collar-Supporters, &c., of which the following is a specification.

This invention relates to a device or article of wearing apparel more particularly designed for supporting or maintaining a lace, linen or other like collar in a spread-out or flattened upright position on and about the neck of the wearer although, as will hereinafter appear, it can be used for similarly supporting belts or girdles about the waist of a person, &c.

The essential or principal element of the device of this invention, and which constitutes the supporting or sustaining feature of the device, consists of a tube of suitable length, open at its opposite ends, and from end to end composed of a closely continuous flexible and resilient wire length. Again, and as a most preferable combination with said tubular-body, this device comprises a jacket-covering of flexible material, such as vulcanized india rubber, leather, etc., about and suitably confined on said resilient tube and also preferably the attachment of this jacket to said tube is to be such as to leave an open space between it and the tube, all substantially as hereinafter described.

In the drawings, forming part of this specification, Figure 1 is a miniature view of a ladies' collar with two supporters of this invention applied thereto, Fig. 2 is a vertical cross section of Fig. 1 with a supporter in side elevation. Fig. 3 is in part a central vertical section and in part a side view of the supporter in its most approved and preferable form of construction. Figs. 4 and 5 are horizontal cross sections taken on dotted lines 4—4 and 5—5, Fig. 3.

In the drawings, A is a ladies' collar, which may be of any size, contour, material, etc., suitable for the use of a supporter of this invention.

B, B, Fig. 1, are two supporters, in the most approved form of this invention, and C, C, are headed-pins, attaching the supporters to the collar.

*a* is the tubular-body, and *b* is the jacket surrounding the same. The body *a* is composed of a closely coiled continuous flexible and resilient wire length, and its opposite

ends are open. The jacket *b* extends and covers the whole length of the tubular-body *a* and it is spaced, as at *f*, (Figs. 3 and 5), between its opposite ends, therefrom, by means of thimbles *d*, one at each end of the body *a* and each secured to the body by cement or otherwise in any suitable manner. The thimbles *d* may be made of elastic vulcanized india rubber tubing or leather, cloth, etc., as also the jacket *b*.

In the use of supporters B, the tubular-body of each is first suitably positioned or located on the flattened or spread out collar, and then a fastening-pin C is inserted through the collar at each end of the supporter, and entered into the tubular body *a* thereof, and thus each supporter is secured to the collar and when so secured acts to maintain the collar in proper position, while at the same time the resiliency of the tubular-body permits the supporter to freely adjust itself to the movement of the neck of the wearer. Again the jacketing of the tubular-body protects the body from corrosion, also the collar from being worn or injured thereby, and the spacing of the jacket from the body *a* protects the body against rubbing on the jacket.

The attaching-pins C are of such a size that the pin inserted in a tubular-body *a*, as has been explained, has more or less frictional contact with the body and so thereby it is held against accidental escape. And further and as a feature of this invention, each of the pins may have a bent point, as at *h*, Fig. 3, so that when inserted it can be engaged with or entered between the coils of the body, and by this means still further insuring the retention of the pins within the body *a*, and without offering any material obstruction to the insertion and removal of the pins as desired.

The jacket may be secured to the body in any suitable manner. The application and use of the supporter described to belts, girdles, etc., are obvious without particular explanation.

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

1. As an article of manufacture, a supporter for collars, etc., consisting of a tubular body made of a closely coiled resilient wire length and open at its opposite ends, of an outer enlargement of the body at each end and for a portion of its length, of a



flexible jacket fitting and surrounding and held on said body-enlargements and extending therebetween and said extension spaced from said body, and of a pointed fastening-pin inserted, by its pointed-end, in an open end of said body and extending for a portion of the length and fitting the bore of the body.

2. As an article of manufacture, a supporter for collars, etc., consisting of a tubular body made of a closely coiled resilient wire length and open at its opposite ends and of a pointed fastening-pin having its point laterally bent and inserted, by its pointed-end, in an open end of said body and extending for a portion of the length and fitting the bore of the body.

3. As an article of manufacture, a supporter for collars, etc., consisting of a tubular body made of a closely coiled resilient wire length and open at its opposite ends, of a pointed fastening-pin having its point laterally bent and inserted by its pointed-end in an open end of said body and extending for a portion of the length and fitting the

bore of the body, and of a flexible jacket fitting and surrounding and held on the outside and extending in the direction of the length of said body.

4. As an article of manufacture, a supporter for collars, etc., consisting of a tubular body made of a closely coiled resilient wire length and open at its opposite ends, of an outer enlargement of the body at each end and for a portion of its length, of a flexible jacket fitting and surrounding and held on said body-enlargements and extending therebetween and said extension spaced from said body, and of a pointed fastening-pin having its point laterally bent and inserted, by its pointed-end, in an open end of said body, and extending for a portion of the length and fitting the bore of the body.

In witness whereof, I have hereunto set my hand in the presence of two subscribing witnesses.

HERBERT N. NORTHROP.

Witnesses:

ALBERT W. BROWN,  
MARION E. BROWN.