No. 664,648. Patented Dec. 25, 1900.

S. A. KOLTONSKI.

COLLAR SPRING.

(Application filed June 25, 1900.)

(No Model.)

FIG. 1.

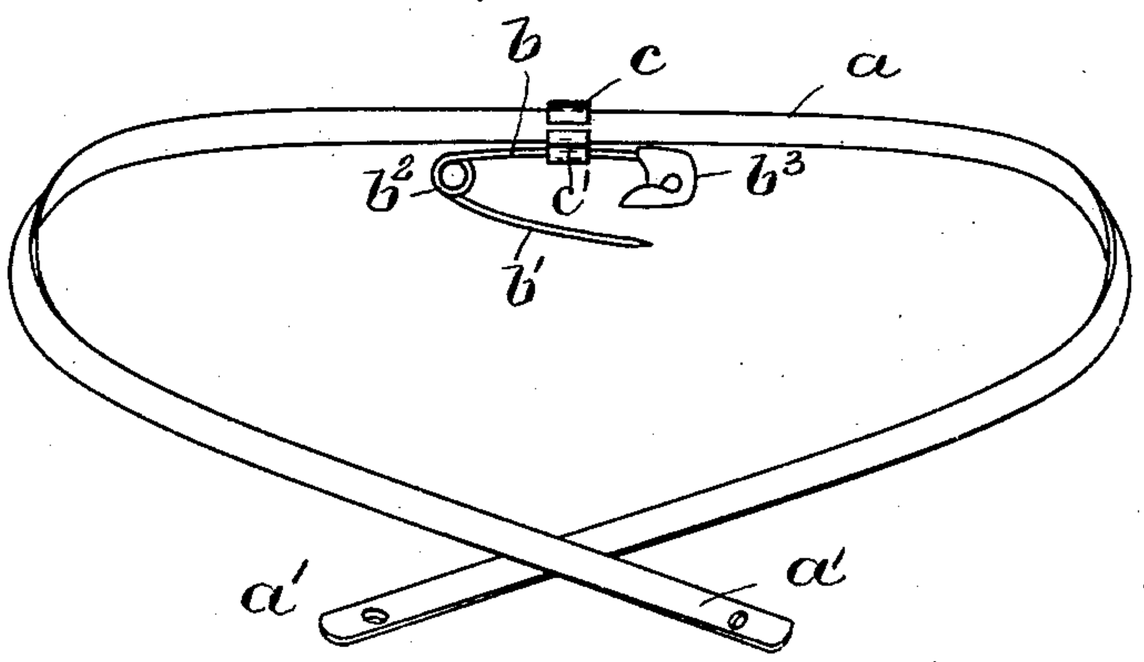


FIG. 2.

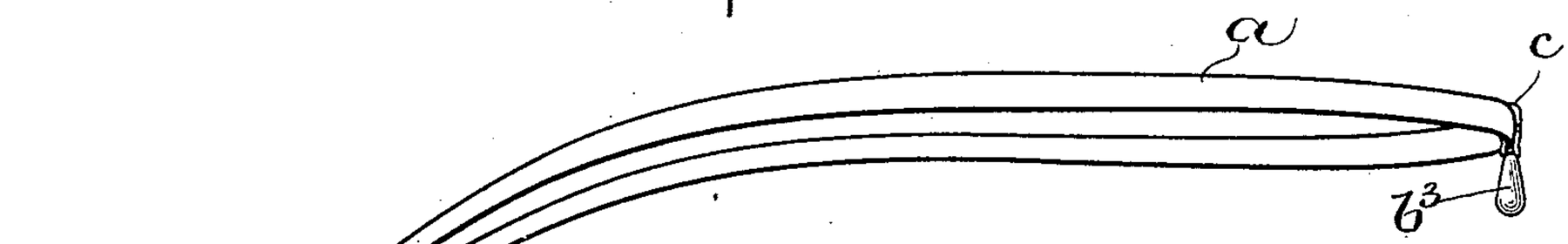


FIG. 3.

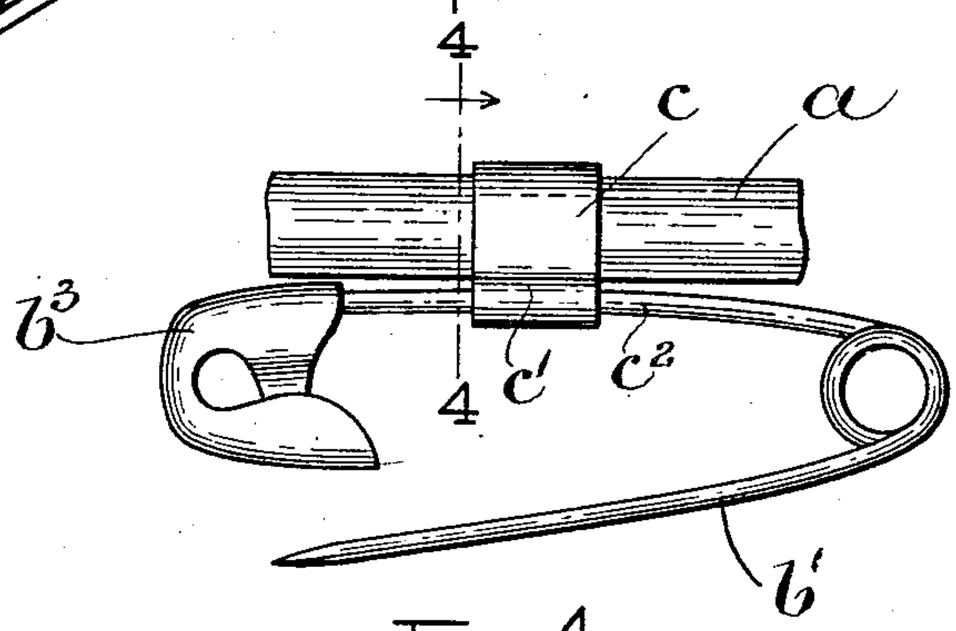
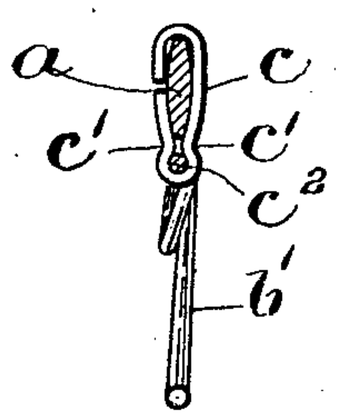


FIG. 4.



WITNESSES:

H. L. Robbins

INVENTOR:

S. A. Koltonski

by Wright, Brown & Quinby

Atty's

UNITED STATES PATENT OFFICE.

STANISLAUS A. KOLTONSKI, OF BOSTON, MASSACHUSETTS, ASSIGNOR TO HATTIE M. PERKINS, ADMINISTRATRIX OF EDWIN G. CARLETON, DECEASED, OF SAME PLACE.

COLLAR-SPRING.

SPECIFICATION forming part of Letters Patent No. 664,648, dated December 25, 1900.

Application filed June 25, 1900. Serial No. 21,415. (No model.)

To all whom it may concern:

Be it known that I, STANISLAUS A. KOLTONSKI, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Collar-Springs, of which the following is a specification.

This invention has relation to collar-springs of the class worn under the coat-collar, with the ends resting under the lapels to prevent the coat from flying open when unbuttoned. Heretofore such springs have been provided with holes in their ends adapted to receive threads sewed therethrough for fastening them in place; but as the sewing operation requires the expenditure of considerable time and renders it difficult to employ the same spring interchangeably for two or more coats the result has been that the springs have not been fastened, but have been worn loosely under the collar. This has not been satisfactory, for in case the coat be taken off before removing the spring the latter is straightened in releasing it from the neck and frequently flies backward, being thus likely to cause personal injury or the breakage of small articles in its path.

One object of the present invention is to provide the collar-spring with a simple easily-operated device for securing it to the coat at points intermediate of its ends, whereby said ends will readily yield and adapt themselves to the figure of the wearer or to any particular style of coat, and whereby said spring may be readily secured in place or attached when desired.

Another object of the invention is to provide a fastener which shall be loosely connected to the spring, whereby the latter may be adjusted after being secured to the coat.

To these ends the invention consists of a collar-spring provided with a fastener, as illustrated on the accompanying drawings, described in the following specification, and pointed out in the claims hereto appended.

Referring to the said drawings, on which similar reference characters indicate like parts or features wherever they occur, Figure 1 represents a view in elevation of the collar-spring and its fastener. Fig. 2 represents a side elevation of the same. Fig. 3 is an enlarged view of a portion of the spring with the fastener attached thereto. Fig. 4 represents a section on the line 4 4 of Fig. 3.

Referring to the drawings, it will be seen that the collar-spring a is of the usual shape and is adapted to lie under the folds of the collar, with its ends a' a' resting loosely under the lapels. The said spring comprises a resilient strip of sufficient strength to hold the edges of the coat together by the pressure of the ends against the inner folds of the lapels. Intermediate of the ends of the collar-spring it is provided with a fastener, by means of which it may be attached or secured to the coat underneath the collar. Said fastener consists of a "safety-pin," so called, and means for attaching it to the spring. The said safety-pin is provided with the usual shank b, the free-pointed member b', the spring b^2, and the hood b^3. The attaching means comprise a band or collar c. Said collar is bent around the spring with its ends substantially meeting, as shown in Fig. 4. The said band or collar is crimped inward, as at c' c', to provide a bearing c^2 for the shank b of the safety-pin and to hold the safety-pin away from the edge of the spring, as shown in Fig. 3. The object of this is to enable the pin to be more easily attached to the coat and also to enable the pin to be moved or adjusted longitudinally relatively to the collar. Consequently when the spring is secured in place by the fastener it is not only prevented from springing from the collar when the coat is removed, but also the spring is so adjustable relatively to the pin that it may be evenly balanced to cause its ends to rest properly under the lapels.

As indicated in the drawings, the band or collar c fits snugly around the spring a and the shank of the safety-pin and is pinched or bent inward at c', this latter feature insuring a sufficiently tight grasp of the said spring and shank, so as to retain both of said parts snugly within said band and yet permit either to be moved longitudinally through said band or collar. Therefore the entire device may be readily secured under the coat-collar by means of said safety-pin while the coat is off

from the owner's shoulders, and after the coat has been put on the spring may be shifted to the necessary extent to bring the ends a' thereof to the proper point under the lapels of the coat. At the same time the friction between the band c and the spring a and the shank of the safety-pin is such that it will prevent the spring a from shifting from the position to which it has been adjusted.

Another advantage of the adjustable or slip connection of the band c with the parts which it unites is that a person can apply the device while the coat is being worn by turning up the collar of the coat and slipping the safety-pin along to such point as may make it most readily accessible for securing to the coat, even bringing the safety-pin around sufficiently far to one side, if desired, so that the operation of securing the pin properly can be observed in a mirror.

Having thus explained the nature of the invention and described a way of constructing and using the same, although without attempting to set forth all of the forms in which it may be made or all of the modes of its use, I declare that what I claim is—

1. A collar-spring comprising a resilient strip of sufficient length to lie under the coat-collar with its ends underneath the lapels to hold the edges of the coat together, a member adapted to penetrate the coat for attaching the spring thereto, and a band or collar for securing the longitudinal adjustment of said member relatively to the spring.

2. A collar-spring consisting of a resilient metallic strip having its ends overlapping and adapted to be placed under the coat-collar, a safety-pin having its shank lying parallel to the spring and a band or collar for securing the longitudinal adjustment of said shank relatively to the said spring.

3. A collar-spring consisting of a resilient metallic strip having its ends overlapping and adapted to be placed under the coat-collar, a safety-pin having its shank substantially parallel to but out of contact with the edge of the spring, and a band or collar connecting said shank and the said spring, said band or collar having means for loosely engaging the said shank and said spring and maintaining the parallel relation of said spring and safety-pin.

In testimony whereof I have affixed my signature in presence of two witnesses.

STANISLAUS A. KOLTONSKI.

Witnesses:

P. W. PEZZETTI,

A. D. HARRISON.