

(No Model.)

W. P. BURNETT.
NAPKIN ADJUSTER.

No. 488,140.

Patented Dec. 13, 1892.

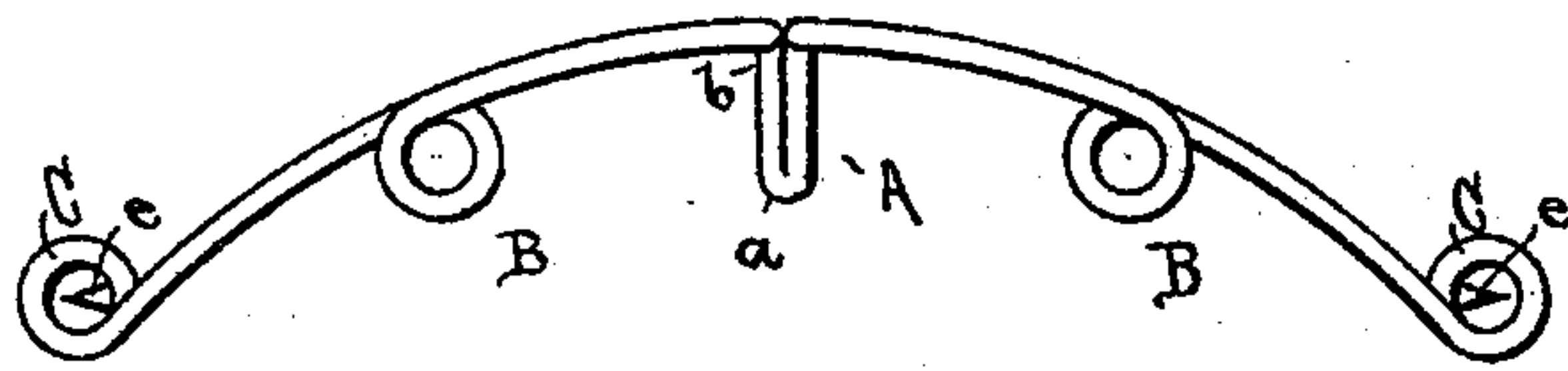


Fig. 1.

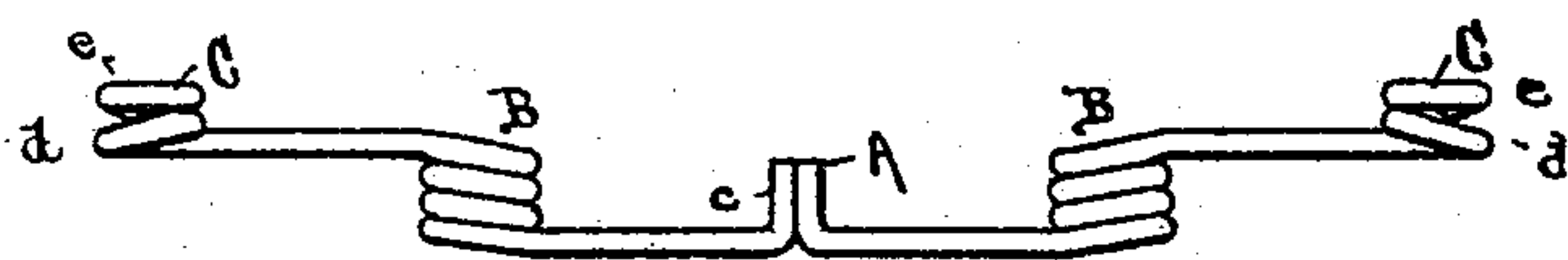


Fig. 2.

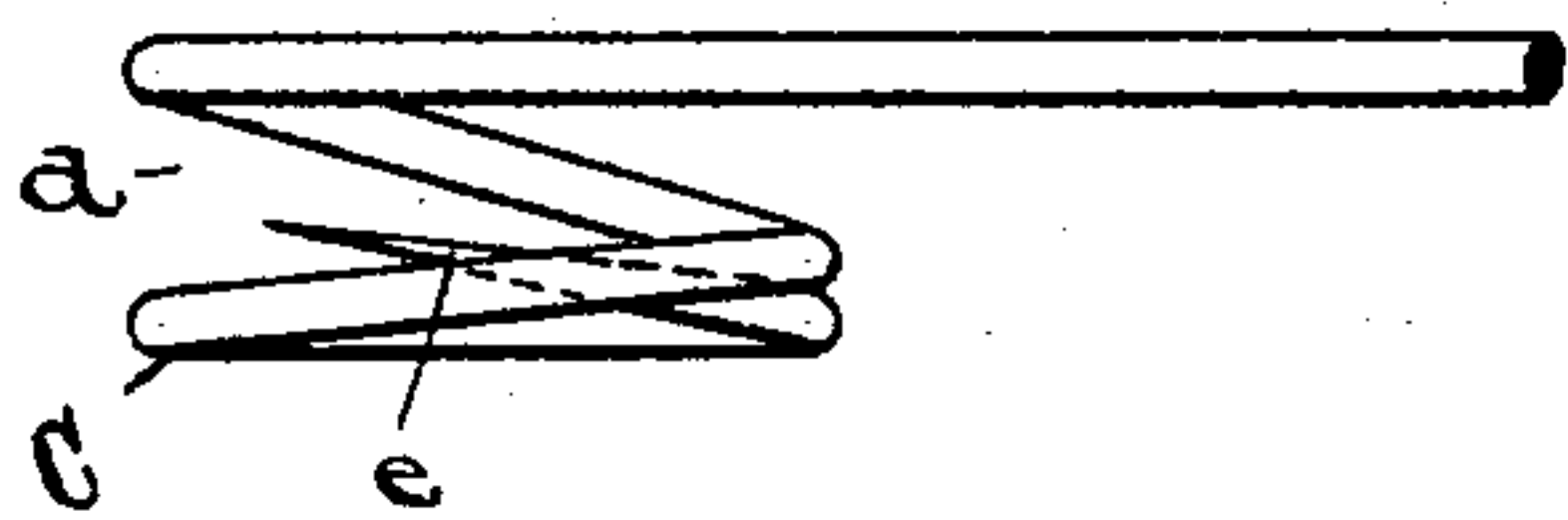


Fig. 3.

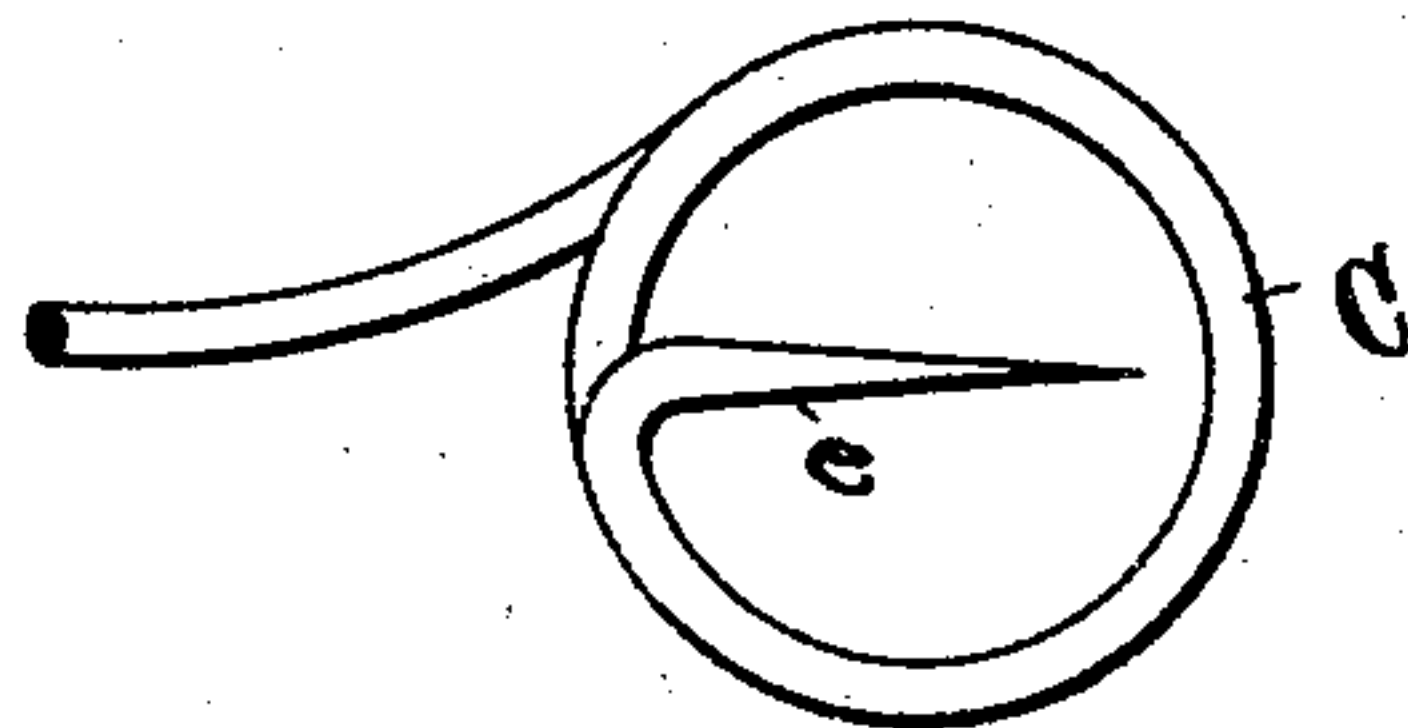


Fig. 4.

Witnesses

J. H. Richardson
E. J. Schroder.

William P. Burnett Inventor

By his Attorney Robert S. Carr

UNITED STATES PATENT OFFICE.

WILLIAM P. BURNETT, OF HAMILTON, OHIO, ASSIGNOR OF ONE-HALF TO
HERBERT E. TWITCHELL, OF SAME PLACE.

NAPKIN-ADJUSTER.

SPECIFICATION forming part of Letters Patent No. 488,140, dated December 13, 1892.

Application filed July 14, 1892. Serial No. 440,007. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM P. BURNETT, of Hamilton, Butler county, Ohio, have invented certain new and useful Improvements in Napkin-Adjusters, of which the following is a specification.

My invention relates to that class of napkin-adjusters adapted to secure a napkin to the collar to protect the bosom from being soiled; and my improvements consist in constructing the adjuster of a single piece of wire, in protecting the pins that engage with the napkin by surrounding coils of wire, and in providing points of increased flexibility in the adjuster. I attain these objects in the following-described manner, as illustrated in the accompanying drawings, in which—

Figure 1 represents a front elevation of the adjuster; Fig. 2, a plan of the same; Fig. 3, an enlarged view from the under side of one of the coils inclosing the engaging-pin; Fig. 4, an enlarged inverted rear elevation of the opposite coil inclosing the engaging-pin.

In the drawings, A represents the hook adapted to engage with the collar and depending from the center of the adjuster. It is formed by the wire being doubled in the center at *a* and extended together in a straight line to *b*, where the doubled wire is turned forward at a right angle and extended a short distance to form the neck *c* of the hook. At the front termination of the neck the wire abruptly diverges laterally and curves downwardly in the form of an arc. Coils B are formed by close turns in the wire about midway between the center and each end of the adjuster. They are situated within the curve of the arc and extend axially in a rearward direction. Coils C, constructed with spaces *d* between the turns of the wire, terminate the ends of the arc. Said coils are turned without the arc in a direction opposite to coils B, but extend rearwardly parallel thereto. The ends of the wire are pointed to form pins *e*, which terminate in contrary directions across the respective coils C, and diagonally toward the front ends thereof. The flexibility of coils B permits the ends of the adjuster to be pressed nearer together to receive the napkin, and their tendency to separate keeps the engaged napkin stretched tightly between them.

In securing the napkin to the adjuster the top edge of the napkin, near the ends, is in-

serted upwardly in the respective spaces *d*, when the tension of the ends of the adjuster toward opposite directions causes the respective pins *e* to penetrate the napkin and hold it securely. To remove the napkin, it is simply pulled in an outward direction at each end, when the pins become disengaged and the napkin is removed from spaces *d*.

In construction spring-wire should be used, preferably brass or steel, and the distance between the ends of the adjusters should exceed the width of the ordinary napkin, that the ends may be brought nearer together under the tension of coils B to engage with the napkin and keep it stretched in a lateral direction.

Different forms of construction may be used. The coils may be turned without or within the arc and extend in either direction therefrom, or the hook may be of such other form as will adapt it to properly engage with the collar. Coils B may be entirely dispensed with and the ordinary flexibility of the wire depended upon for the proper stretching of the napkin. The importance of said coils, however, in keeping the central portion of the adjuster in its normal position in relation to the collar, regardless of the size of the napkin used, recommends their use.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A napkin-adjuster consisting of a wire, said wire having its central portion formed into a hook, a portion near each of its ends formed into a coil, its extremities reduced to a point to form pins, said pins being surrounded by and having directions opposite to each other and across the respective coils, substantially as shown and for the purpose set forth.

2. A napkin-adjuster consisting of a wire having its central portion formed into a hook, a portion of each of its ends formed into a coil, its extremities pointed to form integral pins, said pins terminating within and in opposite directions across the respective coils, and coils formed in said wire between said end coils and the hook, substantially as specified.

WILLIAM P. BURNETT.

Witnesses:

ROBERT S. CARR,
ISRAEL WILLIAMS.