

No. 609,932.

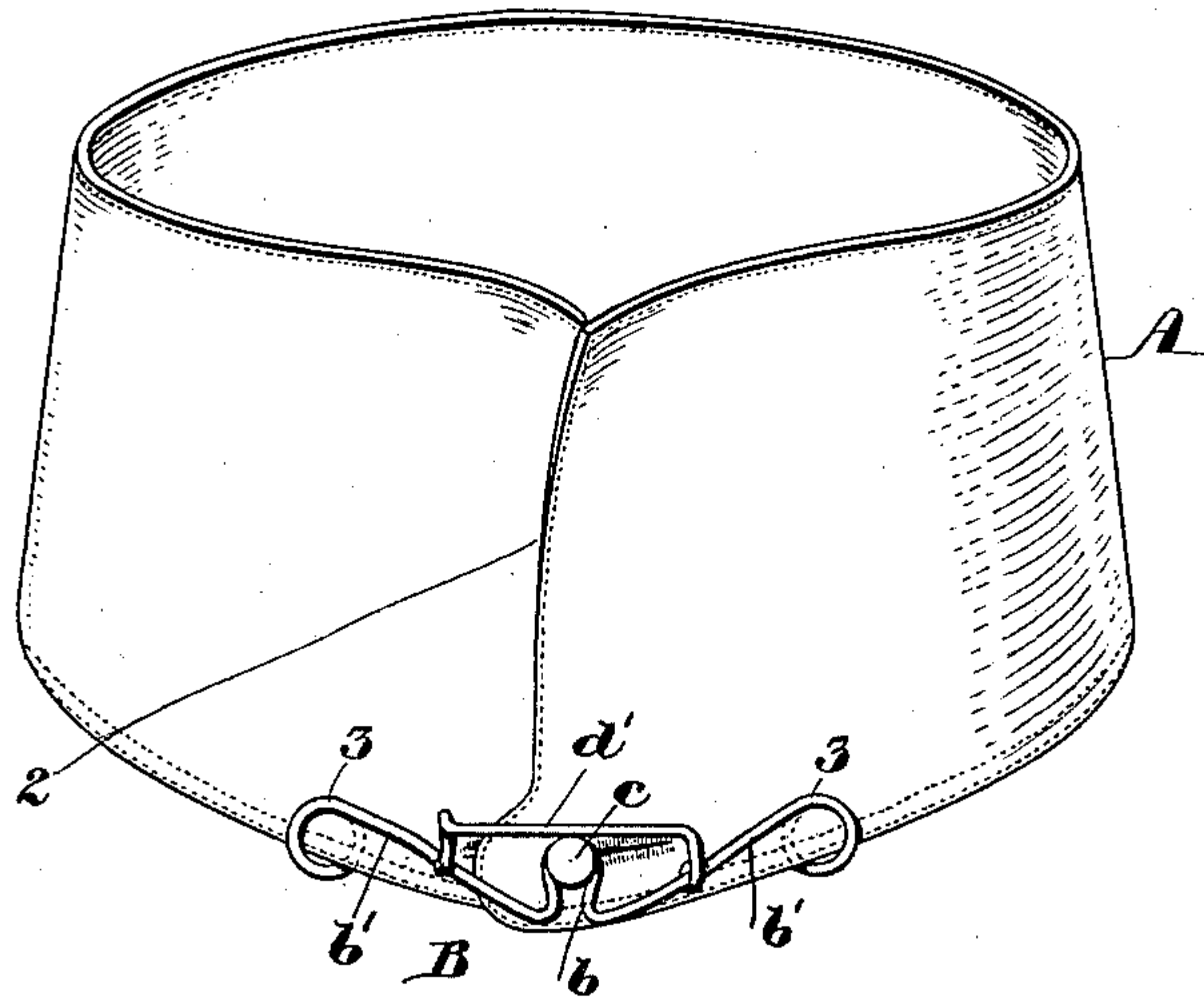
Patented Aug. 30, 1898.

V. GREENIDGE.  
COLLAR ADJUSTER.

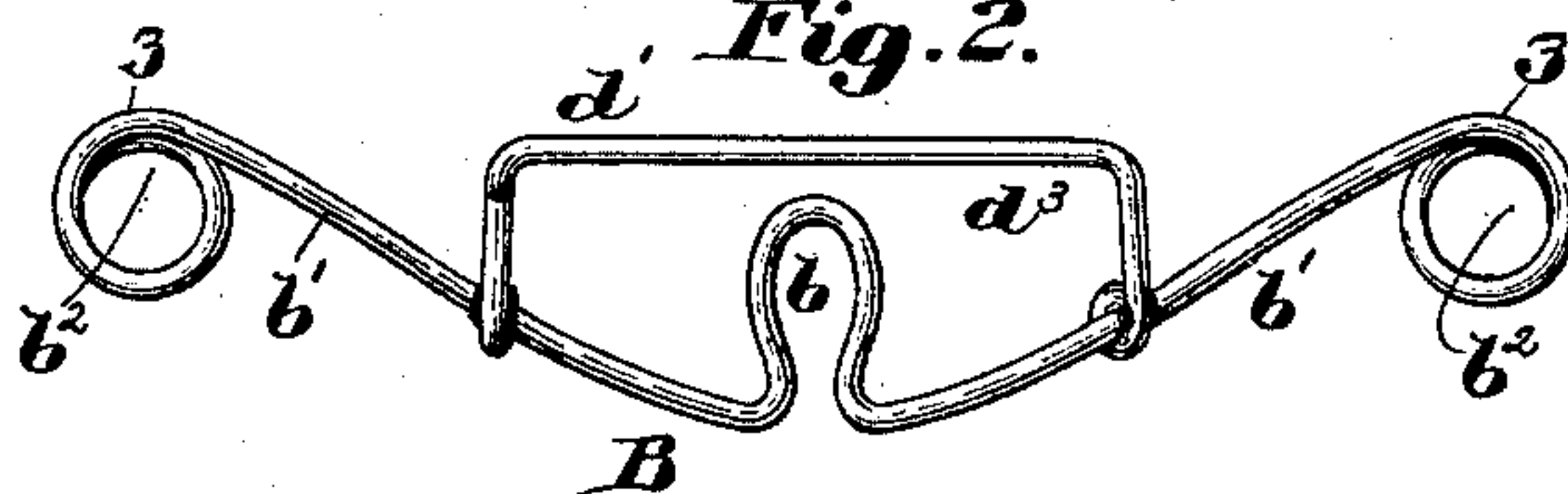
(Application filed Jan. 8, 1898.)

(No Model.)

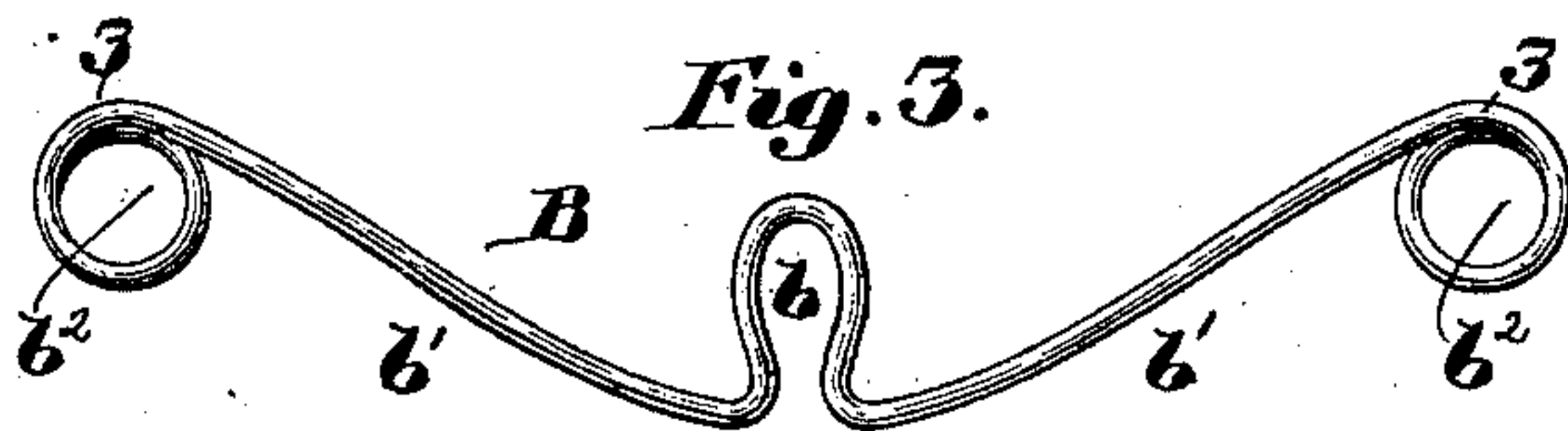
*Fig. 1.*



*Fig. 2.*



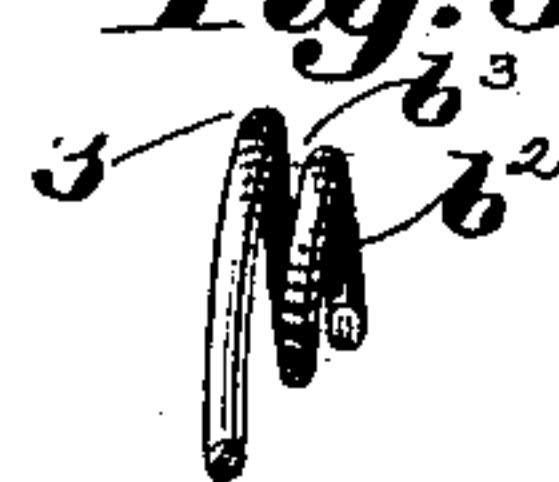
*Fig. 3.*



*Fig. 4.*



*Fig. 5.*



**Witnesses:**  
*Walter C. Lombard.*  
*Thomas Drummond.*

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# UNITED STATES PATENT OFFICE.

VIVIAN GREENIDGE, OF NEWTON, MASSACHUSETTS.

## COLLAR-ADJUSTER.

SPECIFICATION forming part of Letters Patent No. 609,932, dated August 30, 1898.

Application filed January 8, 1898. Serial No. 666,002. (No model.)

*To all whom it may concern:*

Be it known that I, VIVIAN GREENIDGE, of Newton, county of Middlesex, State of Massachusetts, have invented an Improvement in Collar-Adjusters, of which the following description, in connection with the accompanying drawings, is a specification, like letters and numerals on the drawings representing like parts.

This invention has for its object the production of a collar-adjuster, it being designed to keep the front edges of a standing or other collar in proper position and prevent the same from unduly spreading or gaping apart. I have also adapted the collar-adjuster to keep a necktie in place, as will be described.

My improved collar-adjuster consists, essentially, of a spring adapted to embrace a collar-button, a part of said spring at each side of said button embracing the under edge of the collar and normally pressing upwardly on said edges to thus give the collar a tendency to stand with its front edges properly closed.

Figure 1 shows a collar with one of my improved adjusters applied thereto, the adjuster also having a necktie-holder. Fig. 2 shows the adjuster and holder detached from the collar. Fig. 3 shows the adjuster by itself; Fig. 4, a top view of the adjuster and holder; and Fig. 5 is a section on the line  $x x$ , Fig. 4, showing the looped end.

The device to be described is adapted to be applied to any usual stand-up or other collar A, having at its front vertical edges 2, which for the proper fit of the collar should stand substantially together or substantially parallel rather than to gap apart and leave a V-shaped space, which throws the top of the collar out of correct line.

My novel adjuster B, as herein shown, consists of a piece of spring-wire suitably bent to form a central loop or eye  $b$  to fit over or receive within it a collar-button  $c$ . The wire is bent from each side of said eye upwardly, as indicated at  $b'$  in Figs. 1 to 3, to a point 3 and backwardly, as indicated in Fig. 4. Bending the wire upwardly, as described, forms of it a spring at each side of the eye, which when the adjuster is applied to the button will normally exert an upward pressure at its ends, and bending the wire backwardly enables the

adjuster to conform to the circular exterior of the collar.

The parts B of the adjuster are preferably carried upwardly above the top of the loop  $b$ , as thereby the parts of the adjuster extended from the eye  $b$  are made to constitute effective spring-arms to exert considerable pressure upward at the lower edge of the collar. The adjuster at the ends of these spring portions is shaped to form a clamp to embrace the lower edge of the collar and press upwardly thereon at a distance of from one to two inches from the collar-button, and as herein shown the ends of the adjuster are bent upwardly and backwardly, preferably in an involute curve, at  $b^2$  to leave a space  $b^3$  to receive the edge of the collar.

Turning the wire at  $b^2$  into the form of an involute curve enables the main part of the wire at 3 to stand a little above the turn in the wire behind it, so that as the adjuster is pushed back against the collar the part 3 will contact with the face of the roller, leaving the edge in position over the space  $b^3$ , so that said edge may easily enter said space. Making the point 3 a little higher than the coil behind it acts to prevent the end of the adjuster from being accidentally pushed fully under the lower edge of the collar. The spring-arms of the adjuster are shown as receiving on them a piece of metal wire to constitute a necktie-holder  $d'$ .

This invention is not limited to the exact shape shown for said adjuster so long as it works to embrace the lower edges of and press upwardly on the collar at a little distance from the collar-button, nor is the invention limited to the exact shape shown for the necktie-holder, as it will be obvious that the shape of said holder may be variously modified without departing from my invention.

The necktie-holder presents a loop or space  $d^3$ , through which a part of the tie may be passed when it is being tied about the neck.

By the term "wire" I mean to include any suitable spring metal capable of retaining the shape in which it is bent and thereafter acting as a spring.

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



1. A collar-adjuster composed of spring-wire presenting an eye to receive a collar-button and having spring-arms bent upwardly and backwardly toward their ends, the extremities of said wire being bent backward to form a clamp having a space to receive the lower edge of a collar, the wire bent to form the clamp presenting portions lying in different horizontal planes to leave a shoulder to act against the front side of the collar near its lower edge and aid in applying said clamp to said edge, substantially as described.

2. A collar-adjuster composed of spring-wire having a loop to engage a collar-button, and having clamps at its ends to embrace and press upwardly upon the lower edge of a collar, combined with a necktie-holder applied to said adjuster, substantially as described.

3. A collar-adjuster composed of spring-wire having a loop to engage a collar-button

and having clamps at its ends to embrace and press upwardly upon the lower edge of a collar, combined with a necktie-holder applied to said adjuster, said holder occupying a position crossing a vertical line drawn centrally through said loop, substantially as described.

4. A collar-adjuster presenting an eye to embrace a collar-button and spring-arms to act on the lower edge of a collar to press upwardly thereon, combined with a necktie-holder having a space through which the tie may be passed, substantially as described.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

VIVIAN GREENIDGE.

Witnesses:

GEO. W. GREGORY,

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