

(No Model.)

R. B. HELLIWELL.  
NECK WEAR RETAINER.

No. 333,754.

Patented Jan. 5, 1886.

Fig. 1.

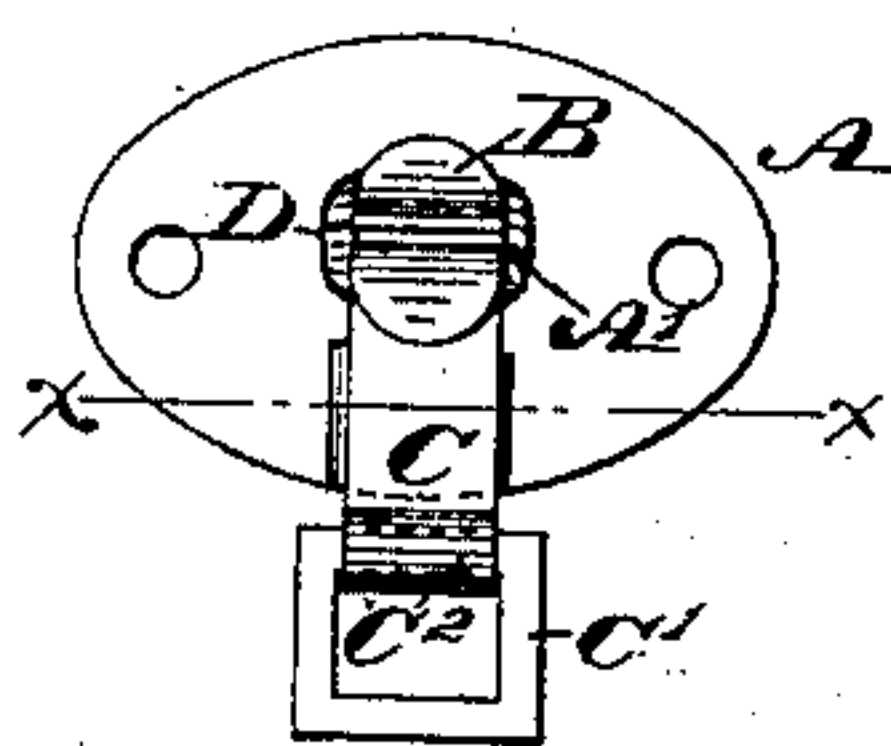


Fig. 2.

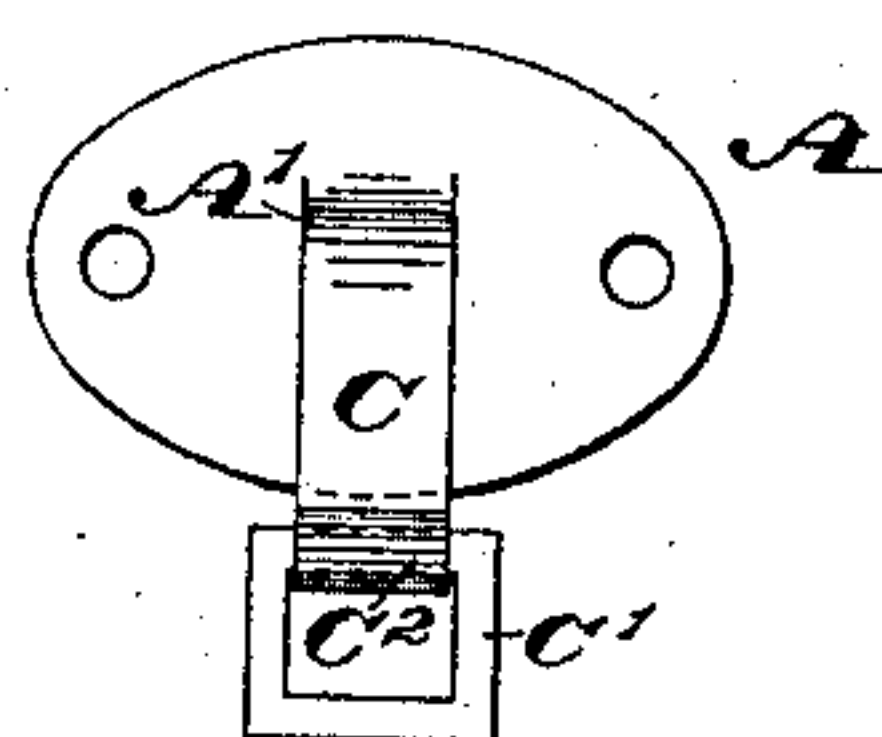


Fig. 3.



Fig. 4.

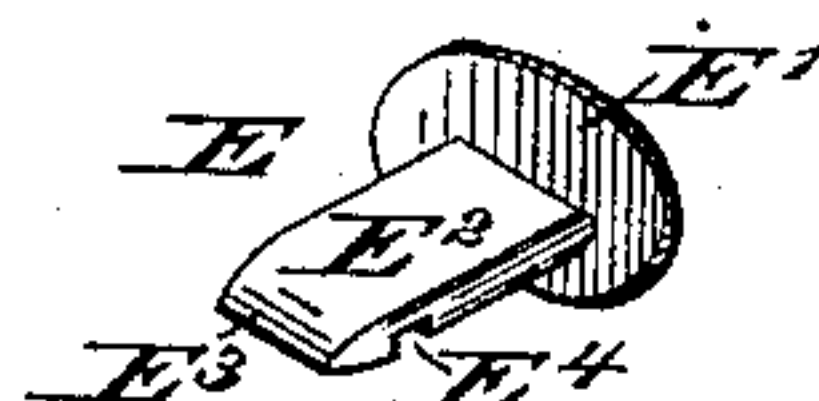
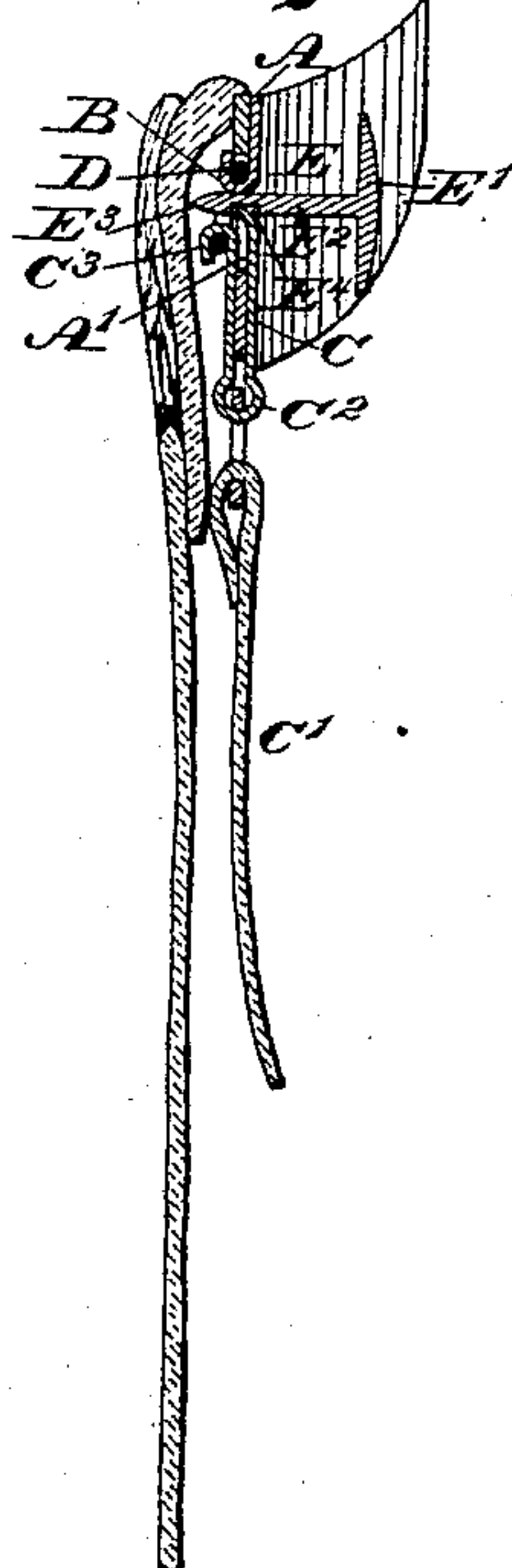


Fig. 5.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

ROBERT B. HELLIWELL, OF PHILADELPHIA, PENNSYLVANIA.

## NECK-WEAR RETAINER.

SPECIFICATION forming part of Letters Patent No. 333,754, dated January 5, 1886.

Application filed November 5, 1885. Serial No. 181,929. (No model.)

*To all whom it may concern:*

Be it known that I, ROBERT B. HELLIWELL, a subject of the Queen of Great Britain, residing in the city and county of Philadelphia, State of Pennsylvania, have invented a new and useful Improvement in Neck-Wear Retainers and Collar-Buttons, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figures 1 and 2 represent front and rear views of a neck-wear retainer embodying my invention. Fig. 3 represents a section in line *xx*, Fig. 1. Fig. 4 represents a perspective view of the collar-button. Fig. 5 represents a central vertical section of a neckscarf, and of the retainer, and of the collar-button embodying my invention.

Similar letters of reference indicate corresponding parts in the several figures.

My invention consists of a neck-wear retainer which is adapted to engage with a collar-button and be thereby firmly held in position.

It further consists of a button which is adapted to secure a collar to the neckband of a shirt, and also sustain an article of neck-wear, as will be hereinafter fully set forth.

Referring to the drawings, A represents a plate which is secured to the shield, head, or supporting-plate of an article of neck-wear, shown in the present case as a scarf.

B represents a stationary jaw, which is connected with the plate A; and C represents a movable jaw, which is fitted to the plate A in a vertical slot, A', therein, and adapted to be moved to and from the jaw B, the movable jaw having a handle or strap, C', connected with it for conveniently operating said jaw in the direction from the jaw B. Connected with the jaws B C is a spring, D, the object whereof is to force the jaw C toward the jaw B and hold said jaw C in closed position.

E represents a button consisting of a head, E', and a shank, E<sup>2</sup>, the latter having a nose, E<sup>3</sup>, at its outer end and a groove, E<sup>4</sup>, near said end. The shank of the button is passed through the button-hole of the neckband of the shirt and the button-holes of the collar, leaving the nose of the button projecting in front of the collar. The scarf is now presented to the nose so that said nose enters be-

tween the jaws B C and separates the same, said jaws appearing at the back of the scarf. When the front wall of the groove E<sup>4</sup> clears the contiguous edge of the lower jaw, the latter, under the action of the spring D, drops into said groove, causing a locking action of the jaws B C with the button, so that the collar is prevented from displacement, and the scarf is firmly connected with the button, the scarf thus being reliably retained in position.

In order to remove the scarf, the lower jaw is drawn downward, thus relieving the button of the holding action of said jaw and permitting the scarf to be disconnected from the shank of the button by an outward motion of the scarf. The button may then be removed from the collar and neckband of the shirt, the same being readily accomplished, as there is no head at the outward or front end of the shank to resist such removal, this construction also permitting of the employment of narrow or small button-holes sufficient to receive the shank of the button.

The plate A is formed of metal, and the jaw B is integral or punched out of the same and bent, forming somewhat of a lip or hook for attachment of one end of the spring D.

The lower jaw, C, is formed of metal into two lengths, between which the lower wall of the slot A' enters, thus guiding said jaw in its motions. The bend of the piece forms an eye, C<sup>2</sup>, for attachment of the handle C', and the upper end of the outer end of the piece has a lower lip or hook, C<sup>3</sup>, for securing the end of the spring D, the upper end whereof is attached to the jaw B, as has been stated, said spring being in the present case of the form of a rubber spring.

It is evident that the plate, jaws, and button may be made of hard rubber, celluloid, or other sufficiently strong material.

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

1. A necktie-retainer consisting of a plate having a fixed jaw and a movable jaw, said jaws being connected by springs, and a button having a groove or recess in its shank, substantially as described.

2. A necktie-retainer having a slotted plate with a fixed jaw and a movable one, the mov-



able jaw fitted in the slot of the plate, a spring  
connecting said jaws and adapted to force them  
together, a handle attached to said movable  
jaw, and a button, the shank thereof having a  
5 groove or recess, substantially as and for the  
purpose set forth.

3. The necktie-retainer consisting of the  
plate A, having a vertical slot, A', the sta-  
tionary jaw B, connected to said plate, the  
10 movable jaw C, fitted in said slot A', springs

D, connecting said jaws B and C and normally  
adapted to hold the same in contact, and the  
button E, having head E' and shank E<sup>2</sup>, with  
a groove or recess, E<sup>4</sup>, substantially as de-  
scribed.

ROBT. B. HELLIWELL.

Witnesses:

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GEO. SCHILLING.