No. 650,177. Patented May 22, 1900.

# W. S. HUNTER & W. A. PATTERSON.

## COMBINED COLLAR BUTTON AND TIE RETAINER.

(Application filed Jan. 8, 1900.)

(No Model.)

Fig. 1.

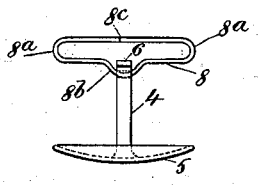



Fig. 2.

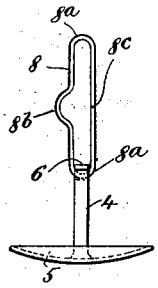
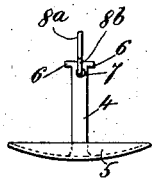



Fig. 3.




WITNESSES

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# UNITED STATES PATENT OFFICE.

WILLIAM S. HUNTER AND WILLIAM A. PATTERSON, OF NEW YORK, N. Y.

## COMBINED COLLAR-BUTTON AND TIE-RETAINER.

SPECIFICATION forming part of Letters Patent No. 650,177, dated May 22, 1900.

Application filed January 8, 1900. Serial No. 656. (No model.)

*To all whom it may concern:*

Be it known that we, WILLIAM S. HUNTER and WILLIAM A. PATTERSON, citizens of the United States, residing at New York, (Brooklyn,) in the county of Kings and State of New York, have invented certain new and useful Improvements in a Combined Collar-Button and Tie-Retainer, of which the following is a full and complete specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to combined collar-buttons and tie-retainers; and one object thereof is to provide a device of this class which is simple and inexpensive in construction and whereby the tie-retainer member serves as an anchorage for the tie, being embraced by the several parts thereof in tying the same and likewise serves to prevent the detachment or displacement of the collar-button member from its operative position.

A further particular object is to so construct the tie-retainer member and connect it with the collar-button member that the said tie-retainer member may be readily passed through the several holes of the shirt-band and collar and then readily readjusted into position to serve its office of tie-retainer.

With the above and other objects in view our invention consists in the novel construction and combination and arrangement of parts hereinafter described.

In the accompanying drawings, forming part of this specification, in which like reference characters denote like parts in the several views, Figure 1 is an edge view of a combined collar-button and tie-retainer, constructed according to our invention; Fig. 2, a similar view showing a different relative arrangement of the parts, and Fig. 3 is a side view with the parts in the position shown in Fig. 1.

In Figs. 1 and 3 the tie retained is shown in that position relative to the collar-button member which it assumes in performing its functions of a tie-retainer, and in Fig. 2 the tie-retainer member is shown in that position relative to the collar-button member which it assumes when passed through the several buttonholes of the shirt-band and collar.

In the practice of our invention we provide a collar-button shank 4, one end of which is provided with the usual head 5, which may be of any preferred form, and the opposite end of the shank 4 is provided with oppositely-directed lugs 6 6. The shank 4 and head 5 are formed similarly to the corresponding parts of an ordinary collar-button, the length of the shank 4 being sufficient to allow the same to be passed through the several buttonholes of the shirt-band and collar. The shank 4, at a point between the ends thereof and nearer adjacent that end provided with the lugs 6 6, is provided with a transverse bore 7, and the tie-retainer member (denoted by the general reference character 8) is loosely connected with the shank 4, passing through the bore 7.

The tie-retainer member 8 preferably consists of a single length of wire and is elongated and link-shaped in form, the ends of the wire constituting the said member 8 being brought together and united by solder or otherwise at $8^c$. The member 8 is provided with looped end portions $8^a$ and at one side with an intermediate loop portion $8^b$, and in assembling the member 8 and the collar-button portion, consisting of the shank 4 and head 5, the wire, of which said member 8 is composed, is preferably first passed through the bore 7 and the ends thereof are brought together and connected at $8^c$, as above described. By means of the loose connection between the member 8 and the shank 4, as above described, said member and shank are free to be turned and manipulated relatively into a plurality of relative positions. The link-shaped member 8 is of such dimension and the opposite sides thereof are so spaced that the neckband of the necktie may be slidably passed therethrough and may even be doubled in passing therethrough, if desired, this open link-shaped formation constituting an essential part of our invention.

In connecting the device above described with a shirt-band and with a collar the member 8 is turned into the position relative to the shank 4 and head 5 which is shown in Fig. 2 and the member 8 is passed endwise through the button hole or holes, the shank being subsequently drawn therethrough. The member 8 thus constitutes means for assisting in seating the shank 4 in operative position in the several buttonholes, as said mem-

ber 8 may be readily grasped by the fingers to draw the shank 4 into position. When the shank 4 has been seated in the buttonholes in the customary manner, the member 8 is turned into the position relative to the shank 4 which is shown in Figs. 1 and 3, whereby the looped portion $8^b$ of the member 8 lies within the bore 7. With the parts in this position the shirt-band and the collar, the flaps or buttonholed portions of which are impaled upon the shank 4, press against the inner portion or side of the member 8 or the portions thereof at either side of the looped portion $8^b$ thereof, maintaining the several parts in the relative positions shown in Figs. 1 and 3, whereby the member 8 is arranged approximately parallel with the plane in which lies the head 5. The tie is then passed about the neck or collar in the customary manner, and one end thereof, and preferably both ends thereof, are run through the member 8. The ends of the tie are then brought together and formed in a bow or other final association, according to the character of the neckwear, the member 8 or that portion of the same lying opposite the looped portion $8^b$ thereof being tied into or embodied and embraced in the resultant structure of the finished tie.

It is manifest from the above that the member 8 thus tightly retains the finished tie from lateral or vertical displacement.

If desired, two of the devices herein described may be employed in connection with the ordinary shirt-band, which is provided at front and rear with buttonholes, and the tie may be passed through the member 8 of both the front and back devices, preventing displacement of the tie at both of these points, and with the tie so retained the displacement of the intermediate portions will be prevented.

The lugs 6 operate conjointly as a supplemental head for the shank 4, preventing, together with the member 8, the displacement of the shank 4 from the buttonholes through which it is passed; but in practice we construct these lugs 6 of relatively-small dimensions in that we have determined that the function thereof is only auxiliary, as the member 8 satisfies, approximately, the entire desideratum to prevent, together with the head 5, the detachment or displacement of the shank 4.

We are aware that buttons have previously been made with loop-shaped heads; but we are not aware that such loop-shaped heads have ever been formed to receive the ends of a necktie-band and to be tied into the completed necktie. We are further aware that a loop-shaped button member of spring metal provided with a side loop whereby the spring quality of said spring metal maintains said loop in a locking engagement with the button-shank has also been constructed; but we are not aware that a link-shaped collar-button device or member sufficiently open to freely pass one or more thicknesses of a necktie-band therethrough and so constructed and connected with the shank of the collar-button that it may be manipulated freely into a plurality of positions relative thereto and locked, the entirety serving the double function of a collar-button and a necktie-retainer, has ever been devised, and this construction is therefore believed radically new in principle and function.

Having fully described our invention, we claim as new and desire to secure by Letters Patent—

A combined collar-button and tie-retainer, comprising a shank having a head at one end thereof and oppositely-directed lugs at the other end thereof and constituting the collar-button member, and an open-link-shaped tie-retained member the dimensions of which are such that a necktie-band may be freely passed therethrough, said tie-retainer member being loosely connected with the shank of said collar-button member and consisting of a single length of suitably-formed wire, said shank of said collar-button member being provided adjacent one end with a bore, and the wire of which said tie-retainer member is formed being passed loosely through said bore and the ends thereof being brought together, whereby the formation of said tie-retainer member is completed, said tie-retainer member being provided with a projecting loop-shaped portion intermediate of its ends and at one side thereof, the relative construction and arrangement of parts being such that when said projecting portion lies within said bore, said link-shaped member will be maintained in fixed position relative to said shank, and will prevent detachment of said shank from a button-hole in which it may be seated, substantially as shown and described.

In testimony that we claim the foregoing as our invention we have signed our names, in presence of the subscribing witnesses, this 5th day of January, 1900.

WILLIAM S. HUNTER.
WILLIAM A. PATTERSON.

Witnesses:
F. A. STEWART,
V. M. VOSLER.