No. 670,045. Patented Mar. 19, 1901.

A. WEBER.

COLLAR BUTTON.

(Application filed May 11, 1900.)

(No Model.)

Fig. 1.

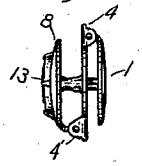


Fig. 2.



Fig. 3.

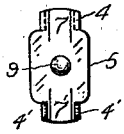


Fig. 4.

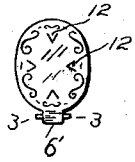


Fig. 5.



Fig. 6.

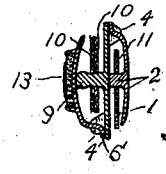
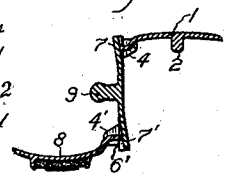


Fig. 7.



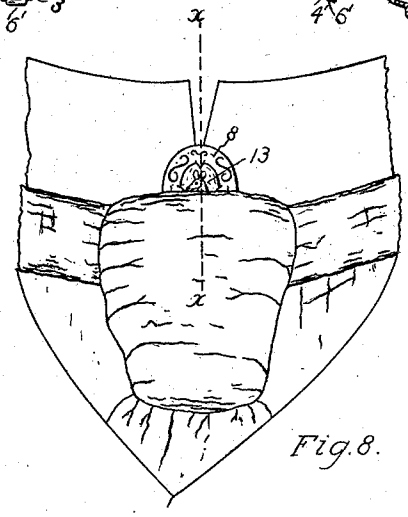


Fig. 8.

WITNESSES:

Geo. Gelatt.

W. G. Moran.

INVENTOR.

August Weber

BY D. B. Gallagher

ATTORNEY

THE NORRIS PETERS CO., PHOTO-LITHO., WASHINGTON, D. C.

UNITED STATES PATENT OFFICE.

AUGUST WEBER, OF TAYLOR, PENNSYLVANIA.

COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 670,045, dated March 19, 1901.

Application filed May 11, 1900. Serial No. 16,378. (No model.)

To all whom it may concern:

Be it known that I, AUGUST WEBER, a citizen of the Republic of Switzerland, residing at Taylor, in the county of Lackawanna and State of Pennsylvania, have invented certain new and useful Improvements in Collar-Buttons, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to collar-buttons such as are used to fasten collars of ladies or gentlemen to the neckband of a shirt or shirt-waist; and one object of the invention is to provide a button which is non-separable, easily secured to the parts, and adapted to greater display as an article of jewelry than those now in use, and other objects as appear in the specification and are more fully set forth in the claim.

To this end the invention consists of the construction, arrangement, and combination of the several parts as herein specified, and illustrated in the drawings, in which—

Figure 1 is a side view of one of my buttons in the closed position. Fig. 2 is an inside plan view of the detached rear clasp of the button. Fig. 3 is a detail plan view of the central member of the button, to which the front and rear clasps are hinged. Fig. 4 is a detail view of the front clasp of the button before ornamentation is complete. Fig. 5 is a view of the same with an ornamental setting secured thereto. Fig. 6 is a view in cross-section, taken through the central part of one of my buttons when in use, showing the relations of the several parts and the collar and neckband. The section is taken as on the line $x\ x$ of Fig. 8. Fig. 7 is a similar section of the button alone in the opened position, illustrating the operation of the springing portions of the central plate. Fig. 8 is a view showing the device in use.

Similar characters of reference denote like and corresponding parts throughout the several views.

Referring to the drawings, 1 designates the under side clasp of my button and is provided with a stud 2, elongated in horizontal section and adapted to fit into the horizontal buttonhole of the neckband 11 of the shirt or shirt-waist. It is also provided with hinge members 3 3, by means of which it is hinged to lugs 4 4 of the central plate 5, a projection 6 thereof adapted to impinge on the springing portion 7 of the central plate 5, the said spring 7 being adapted to hold the clasp firmly closed ordinarily or when turned past center, as shown in Fig. 7, to hold it open. An exactly similar arrangement is used in the construction of the hinge of the front clasp 8 to the central plate 5. The central plate 5 is also provided with an ordinary stud 9, to which the tangs 10 10 of the collar are buttoned. The front clasp is provided with claws 12 12, &c., which may be made by cutting the metal by V-shaped cuts, the claws extending toward the center of the plate, as shown in Fig. 4. These claws may be used to engage with any ornamental gem or stone 13, as shown in Fig. 5.

The operation of my device may now be explained. The button is opened, as shown in Fig. 7. The member 1 is now inserted within the neckband, the stud 2 projecting outward through the buttonhole of the neckband. The clasp 1 is then turned into the closed position, where it is held by means of the spring 7 of the central plate. In this position the stud 9 of the central plate is in the ordinary position of a collar-button, and the tangs of the collar are buttoned thereto in the ordinary way, after which the outside or ornamented clasp 8 is bent upward into the closed position covering the tangs of the collar and presenting its ornamented face frontward. It is held in this position by the tension of the spring 7′, acting on the projection 6′ of the clasp in the same manner as explained for the clasp 1. I thus provide a collar-button requiring no larger buttonholes than those usually used, yet having a front plate permitting of ornamentation to suit the taste of the purchaser.

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

The herein-described collar-button comprised in a central plate constructed from spring-steel or other suitable metal, the said plate slitted at each end with a pair of parallel slits and the metal contiguous to the outer sides of said slits bent up so as to form lugs, clasps hinged to the lugs of each end thereof and adapted to fold in opposite directions, one

of the said clasps provided with a stud adapted to pass through the buttonhole of a shirt-collar and the other of the said clasps adapted to be ornamented and to fold upon a stud projecting forward from the central plate aforesaid, a stud on the central plate aforesaid adapted to engage with the said clasp and also adapted to have the tangs of a collar buttoned thereto, whereby the collar is secured to the shirt and the ornamental clasp exposed forward, substantially as and for the purpose specified.

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

AUGUST WEBER.

Witnesses:
GEO. GELATT,
J. N. SMOOT.