

(No Model.)

G. H. STRONG.
COLLAR BUTTON.

No. 511,371.

Patented Dec. 26, 1893.

Fig 1

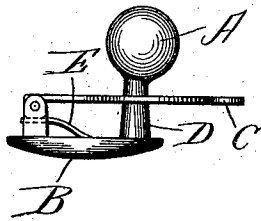


Fig 2

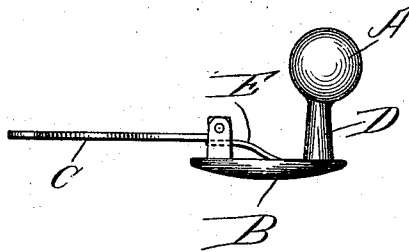


Fig 3

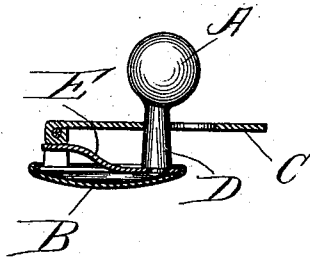


Fig 4

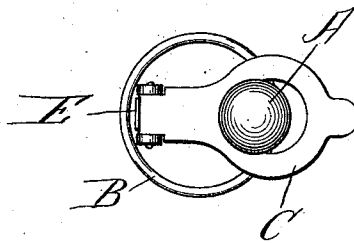
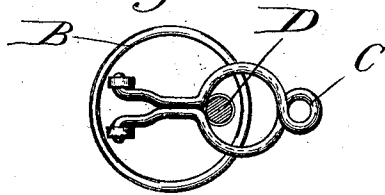


Fig 5



Witnesses

Wm J. Fleming
Geo N. Rheem.

Inventor

George H. Strong
by Frank T. Brown Atty

UNITED STATES PATENT OFFICE.

GEORGE H. STRONG, OF CHICAGO, ILLINOIS, ASSIGNOR OF ONE-HALF TO
BUSHNELL STRONG AND EMILY F. STRONG, OF SAME PLACE.

COLLAR-BUTTON.

SPECIFICATION forming part of Letters Patent No. 511,371, dated December 26, 1893.

Application filed April 11, 1893. Serial No. 469,887. (No model.)

To all whom it may concern:

Be it known that I, GEORGE H. STRONG, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented new and useful Improvements in Collar-Buttons, of which the following is a specification.

This invention relates to improvements in collar buttons, and its object is to securely fasten the button, so that it will be held in position with respect to the band and the collar.

The invention consists substantially in the construction illustrated in the accompanying drawings, set forth in the succeeding specification, and more particularly pointed out in the claims.

Like letters refer to the same parts in the several figures of the drawings, in which—

Figure 1 is a side elevation of the device with the parts in the position which they assume in use. Fig. 2 is a vertical section. Fig. 3 is a side elevation with the guard thrown back so that the button is ready for attachment. Fig. 4, is a plan view of the device shown in Fig. 1; and, Fig. 5 is a modified form in plan but with the shank of the button in cross section.

It has fallen within the observation of almost every man that collar buttons as commonly constructed are apt to drop from the band of the shirt and be lost. The purpose of the present invention is to obviate this difficulty. The collar button is composed of the usual head or bulb A, shank D, and back B, which may be secured together in the customary manner, but I prefer that the shank should be secured eccentrically to the back. As shown in the first four figures, a guard C stamped from sheet metal, or made of wire as shown in Fig. 5, or otherwise constructed is hinged to a projection from the back or base piece of the collar button, and when open, so that the button may be inserted in the shirt band, it assumed a position shown in Fig. 3, but when closed after the button has been inserted in such band, it assumes a position shown in the other figures of the drawings. This guard is shown as provided with a circular opening, but it is obvious that an opening in

the shape of a segment of a circle would be sufficient. I prefer to construct the guard so that a slight pressure will be required to spring it over the bulb or head of the button. I have found it advantageous to hold the guard in its open or closed position by means of a spring, and this may be well accomplished by stamping a piece of the base piece in the form of a spring, and having it project upward so as to rest against a portion of the guard adjacent to its pivot. A convenient construction for this purpose is well shown in Fig. 2 in the section in which the rear portion of the guard is formed with an enlarged journal for the pivot and such journal is flattened both underneath and at the top so that the spring will abut against such flattened surface and hold the guard either in open or closed position accordingly as such guard is turned to that position, the positions of the spring and guard in such positions being respectively shown in Figs. 3 and 2 of the drawings.

It is obvious that many variations may be made in the construction shown and described without departing from the principle of the invention, and I therefore do not wish to be understood as limiting myself to such precise construction.

The operation of the device may be specified as follows:—Taking the button as is illustrated in Fig. 3 and passing the bulb and shank through the band of the shirt the guard may be then turned in the position shown in either figures of the drawings with the result that the band will have the guard projecting beyond the button hole on its outer surface and the back or base piece projecting beyond such button hole on its under surface, and such guard being securely held in position by the spring, there will be no danger of the button dropping out of the band or being lost. If desired the collar may be also secured in place so that it will not become unbuttoned, by passing the bulb and shank through the two ends of the collar as well as through the shirt, and then placing the guard in position. This latter arrangement would be unsightly unless the guard was ornamental, and therefore the latter may be made ornamental in

cases where it is desired to use the device as a fastening for the collar as well as for the band of the shirt. It is obvious moreover that this device may be used in a similar manner at the back of the neck of the shirt, and also to secure cuffs in place on the wristbands of the shirt.

Having thus described my invention, what I claim as new, and desire to secure by Letters Patent of the United States, is—

1. A collar button comprising the usual head, shank and base piece and in addition a guard hinged to such base piece, and a spring bearing alternately against flattened surfaces on the under and upper side of the guard accordingly as the latter is in open or closed po-

sition; substantially as and for the purpose set forth.

2. A collar button comprising the usual head shank and base piece and a spring tongue cut from such base piece and a guard hinged to the latter and having flattened surfaces above and below its pivot against which the tongue is adapted to rest accordingly as the guard is in closed or open position; substantially as and for the purpose set forth.

In testimony whereof I have hereunto set my hand in the presence of two witnesses.

GEORGE H. STRONG.

In presence of—

JOS. GAFFNEY,

ANDREW ANDERSON.