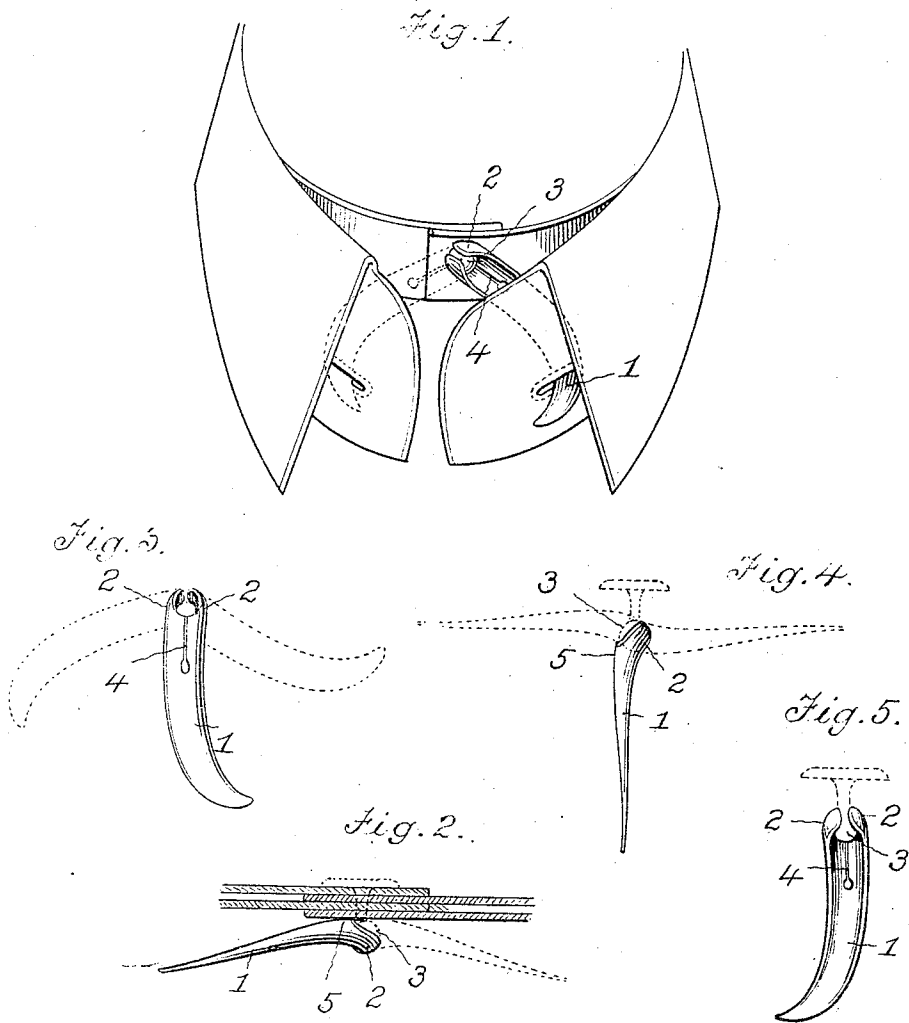


W. BRETSNYDER.
COLLAR BUTTONER.
APPLICATION FILED MAR. 9, 1910.

1,008,238.

Patented Nov. 7, 1911



WITNESSES:

Henry Mor.

M. J. Rautler

INVENTOR

William Bretsnyder,

BY

Robert J. Judd

ATTOR. 'EY

UNITED STATES PATENT OFFICE.

WILLIAM BRETSNYDER, OF CHICAGO, ILLINOIS.

COLLAR-BUTTONER.

1,008,238.

Specification of Letters Patent.

Patented Nov. 7, 1911.

Application filed March 9, 1910. Serial No. 548,204.

To all whom it may concern:

Be it known that I, WILLIAM BRETSNYDER, a citizen of the United States of America, and a resident of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Collar-Buttoners, of which the following is a specification.

This invention relates to an appliance for conveniently buttoning shirt collars and the like in place upon shirt bands, and has for its object to provide a simple and efficient structural formation of the buttoner by which ease and certainty of operation is insured, and which is adapted to press the collar tabs into place against the shirt band as a final result of the buttoning operation and with a view to prevent accidental unbuttoning on the removal of the appliance, all as will hereinafter more fully appear.

In the accompanying drawings: Figure 1 is a perspective view illustrating the manner of using the present appliance. Fig. 2, is a horizontal sectional elevation through the shirt band and collar, and with the appliance in its final position previous to removal. Fig. 3, is a front elevation of the appliance. Fig. 4, is a side elevation of the same. Fig. 5, is a rear elevation of the same.

Similar numerals of reference indicate like parts in the several views.

Referring to the drawings, 1 represents the body or shank of the present buttoner preferably formed of sheet metal and having a curved or segmental shape and tapering to a point at one end, the purpose being to provide a body or shank which is capable of convenient and easy manipulation with turn-down collars, the turn down flaps of which materially interfere with the ordinary straight shank buttoners, and in some cases entirely prevent the practical working of the same.

2 are a pair of jaws arranged in separated relation at one end of the body or shank 1 aforesaid, and projecting laterally as shown to provide an approximately spherical cavity for receiving the head 3 of a collar button to have holding engagement therewith during the various movements of the appliance in buttoning operation. In the present improvement said jaws are curved toward each other and leave a gap of less width than the diameter of the shank of a collar button so that some force will be required in engaging the jaws 2 over the head portion of the collar

button, and in consequence the appliance will hold more surely to the collar button during the buttoning operation. As so constructed the pair of jaws 2 are separated by a centrally located circular opening in the shank where the same joins the jaws 2 and in an oblique plane to the shank, as shown more particularly in Fig. 3, and in the present improvement an end of said opening is adapted to provide an abutment for the buttoner against the stem of a collar button.

In the preferred form of the present invention the shank 1 will be of a curved or arched form transversely as shown, with a view to attain maximum strength with a minimum degree of lightness, and the curved margins of the shank will merge into the jaws 2 aforesaid to additionally brace and stiffen the same.

4 are one or more longitudinal slits in the end of the shank which carries the jaws 2. Said slit or slits are adapted to impart resiliency to said jaws so that they will yieldingly bend upon and hold the head of the collar button during the buttoning operation, and permit of a ready disengagement of the appliance after such operation.

5 are side extensions on the shanks 1, and preferably formed as part of the curved side margins of the same. Said extensions are in adjacent relation to the jaws 2, and are adapted in the final movement of the buttoner to press against the outer collar tab and force the same back into place.

In a practical use of the present appliance, the resilient jaws 2 are first engaged over the head 3 of the collar button to afford universal pivotal movement to the appliance. The pointed free end of the curved shank is then passed through a buttonhole of the collar and grasped by the fingers of the operator for further movements of the same to cause the collar tab containing the buttonhole to slip along the curved shank aforesaid and over the head of the collar button into position. In such last mentioned step the curved or segmental shape of the shank in connection with the described relation of the resilient jaws is a material factor in attaining the described results with ease and certainty.

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

A collar buttoner comprising an elongated shank having a cup formation at one end to

receive the head of the button; said end having a central circular opening in a plane oblique to the shank, and the cup being formed by a pair of spring jaws merging
5 into the shank and arranged in a plane at right angles to the plane of the shank, said jaws being adapted to spring over the stem of a collar button for holding engagement therewith, the shank end of the aforesaid

circular opening providing an abutment for the buttoner against said stem in the buttoning operation, substantially as set forth.

Signed at Chicago, Illinois, this 7th day of March, 1910.

WILLIAM BRETSNYDER.

Witnesses:

ARNO BRETSNYDER,
ROBERT BURNS.