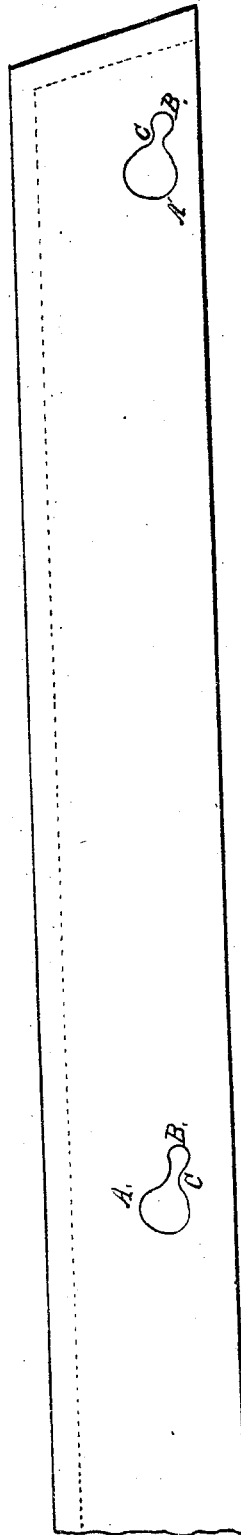


D. Stoner

Collar.

N^o 53,897.

Patented Apr 10. 1866.



Witnesses

*Edward J. Whitehead
W. B. Harrison*

Inventor

Samuel Stoner

UNITED STATES PATENT OFFICE.

DANIEL STONER, OF CHICAGO, ILLINOIS.

IMPROVEMENT IN BUTTON-HOLES FOR PAPER COLLARS.

Specification forming part of Letters Patent No. 53,897, dated April 10, 1866.

To all whom it may concern:

Be it known that I, DANIEL STONER, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improved Button-Hole for Paper Collars and Cuffs; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and the letters and figures marked thereon, which form part of this specification.

The nature of my said invention consists in constructing the button-hole large enough at one end to allow the button to pass through without compressing or breaking the material of which the collar or cuff is made, with a similar, though smaller, enlargement at the other end of the button-hole, to allow the eye or thread by which the button may be fastened to the collar, or the post of the stud, to rest therein, while the button cannot pass through, said two enlargements at the ends of the button-hole being connected by a slit, with convex sides, approaching near to each other at the middle, but curving gradually out, and merging or coalescing with the outlines of the said enlargements at the point of junction with the same.

My said invention has particular reference to collars and cuffs made of thick, heavy cardboard paper, or paper having sufficient firmness and stability of texture, so that the inward swell at the middle of the said slit in the button-hole will resist the tendency, under certain circumstances, of the button to move back toward the large end of the button-hole and keep the collar or cuff securely fastened.

To enable those skilled in the art to understand how to construct and make use of my invention, I will proceed to describe the same with particularity, making reference in so doing to the aforesaid drawing, in which—

Figure 1 represents a plan or top view of my invention.

A represents the enlargement at that end of the button-hole through which the button is introduced or put through; B, the smaller opening for the eye of the button or post of the stud; and C, the narrow neck or slip connecting the same, having curved sides approaching each other at the point between the aforesaid enlargements.

By this construction of the slit the edges or lips, at the point of their nearest approach to each other, will yield enough, upon pressure, to allow the eye of the button or thread by which it is secured to the opposite end of the collar to pass through into the opening B, while there is stability and firmness in the material to prevent the return of the same into the opening A. Thus for collars and cuffs made of thick, substantial paper or card-board this invention is important and almost indispensable, although for metal collars, or those made of thin, flexible material, it would be of no advantage whatever.

The features which constitute my invention, and give it its value for the purpose for which it is designed, are the large and small openings at each end, varying in size in accordance with the purpose of each, and the peculiar slit connecting them, as and for the purposes specified. Hence,

I claim as my invention and desire to secure by Letters Patent—

The combination, in a button-hole for card-board paper collars and cuffs, or collars and cuffs of any similar material, of the enlargements A and B, proportioned as specified, and the peculiarly-constructed slit connecting the same, all arranged and operating substantially as specified and shown.

DANIEL STONER.

Witnesses:

EDWD. J. WHITEHEAD,
N. B. HARRISON.