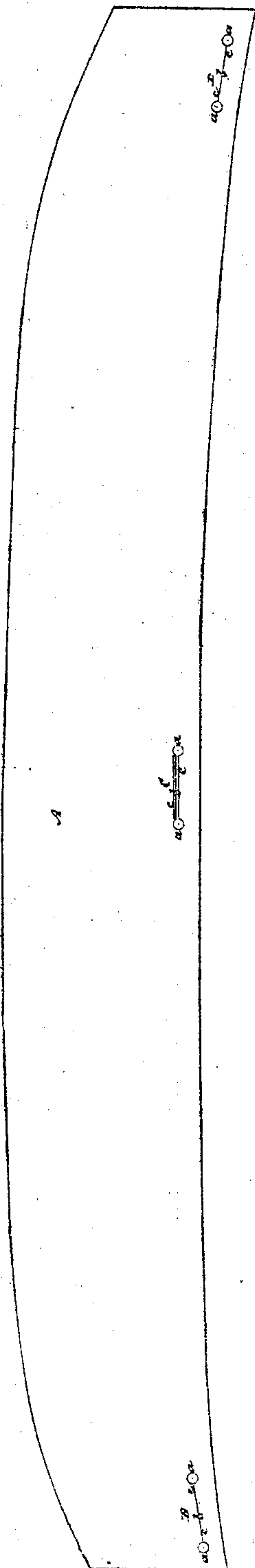


J. Merwin.
Collar.

No. 64,022.

Patented April 23, 1867.



Witnesses:
J. W. Cornish
G. W. Reed.

Joseph Merwin,

United States Patent Office.

JOSEPH MERWIN, OF NEW YORK, N. Y.

Letters Patent No. 64,022, dated April 23, 1867; antedated April 8, 1867.

IMPROVEMENT IN BUTTON-HOLES FOR PAPER COLLARS.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, JOSEPH MERWIN, of the city, county, and State of New York, have invented a certain new and useful Improvement in Button-Holes for Collars, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, forming part of this specification, and which represents a side or face view of a collar with my improvement applied thereto.

The object of my invention, which is applicable to collars made of various materials, including paper or paper cloth, is to enable the collar, if not exactly of the required size, to adjust itself to the neck, and whereby, also, either end of the button-hole is or may be allowed to completely encircle the shank of the button, and the main or intermediate portion of the button-hole be of a closed character, with every facility, however, for the passage of the button through it without tearing the edges, thereby not only producing neatness of fit or appearance but a steady hold of the buttoning portion of the collar to its place on or around the button, with but a small or no liability of the button-hole to burst or tear at either of its ends.

Having stated the object or objects of my invention, it may be here remarked that it consists in making each or either of the several button-holes in a collar of two circular or equivalently shaped holes united by a slit, the edges of which meet, or nearly so, before and after the button is inserted. Such being the peculiar character of my invention, it will be seen that it materially differs from that description of button-hole which is formed by a single circular hole at the one extremity of a slit, which construction gives no facility for the collar to adjust itself to a similar union of it, at either or both ends of the button-hole, with the shank of the button, and, moreover, affords less convenience for entering the button, with an increased liability of the button-hole bursting or tearing at its end in spreading it to overlap or receive the button. Equally dissimilar, too, is my invention from that form of button-hole proposed for paper collars, in which a piece of wooden fabric is inserted between two thicknesses of paper that have an elliptic-formed button-hole in them, while the woven fabric has merely a slit which does not encircle the shank of the button so as to hold the collar against moving or getting loose, and, as applied to paper collars, increases cost by rendering necessary different materials and greater labor in forming the button-hole portion of the collar, while my invention has but little in common with what may be termed the open-shaped button-holes, including that in which a recess is made in the one side of the button-hole to receive the shank of the button, whilst buttoning or unbuttoning, to prevent tearing of the button-hole at its ends.

In further explanation of my improvement, reference is made to the accompanying drawing, in which—

A represents a collar supposed to be made of paper, and of other than the turn-over form, to which, however, my invention is equally applicable, as it is also, as previously observed, to linen or other collars. The button-holes B C D in said collar may each be made by the single action of a punch and cutter acting against a suitable under surface so as to form circular holes *a a* at the ends of a slit or cut, *b*, leaving flaps or wings *c c* at the opposite edges of the slit, which flaps, or one of them, as represented at the centre button-hole, may be opened or turned by the edge of the button without straining or tearing the paper in putting on or taking off the collar, thereby relieving the ends of the button-hole of strain, but which are closed at other periods, as, for instance, when the collar is buttoned and the shank of the button encircled by either of the round holes *a a* at the ends of each button-hole, accordingly as the collar is large or small for the neck, said flaps or wings thus establishing a lock on or to the shank of the button.

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

The construction in collars of a button-hole formed by holes of circular shape, or thereabouts, at opposite ends of a connecting-cut or slit, the edges of which constitute flaps or wings, substantially as specified.

JOSEPH MERWIN.

Witnesses:

J. B. NONES,

STEPHEN H. SMITH.