

F. WIXSON.
PAPER-COLLARS.

No. 183,355.

Patented Oct. 17, 1876.

Fig. 1

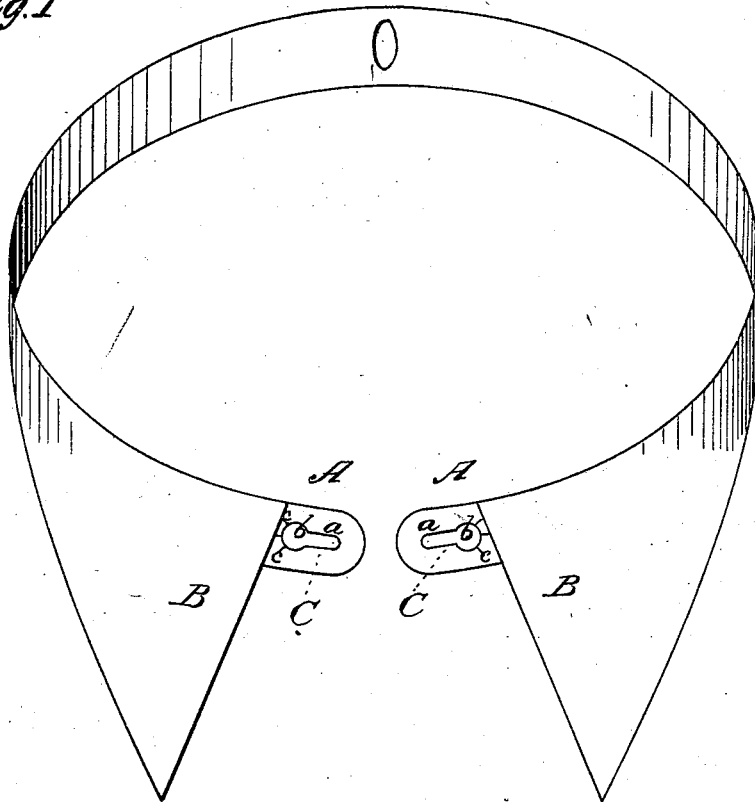
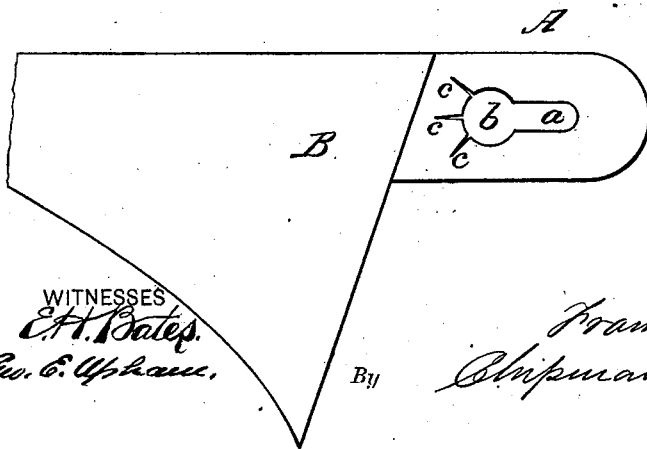


Fig. 2



WITNESSES
E. H. Bates.
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B31

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UNITED STATES PATENT OFFICE.

FRANKLIN WIXSON, OF YANKTON, DAKOTA TERRITORY.

IMPROVEMENT IN PAPER COLLARS.

Specification forming part of Letters Patent No. 183,355, dated October 17, 1876; application filed March 14, 1874.

To all whom it may concern:

Be it known that I, FRANKLIN WIXSON, of Yankton, in the county of Yankton, Dakota Territory, have invented a new and valuable Improvement in Paper Collars; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawing is a representation of a plan view of my collar, and Fig. 2 is a detail view of the same.

This invention has relation to the button-holes for collars which are composed in whole or part of paper; and it consists in a button-hole having an enlarged eye at one end, from which slits or cuts in the material extend in the direction of the length of the button-hole, one centrally and one on each side thereof obliquely, whereby the collar can be attached to large or small buttons without weakening or tearing the material of which the collar is made, bending or tearing the narrow neck of the button-hole, or ruffling the exposed parts of the collar, as will be hereinafter explained.

The following is a description of my improvement:

In the annexed drawings, the letter A designates the band of the collar, and B the turnover or exposed portion thereof. This collar may be made of paper entire, or it may be composed of paper united to muslin or other fabric. The button-holes C C, which are made through the neck-band, consist of elongated slots *a*, adapted to receive the necks of the buttons, and enlarged eyes *b*, which are intended for receiving through them the buttons.

The eyes *b* are of less diameter than the diameter of the buttons, and from these eyes radiate or extend slits *c*, in the direction of the length of the button-hole, the object of which is to allow the button-holes to expand

sufficiently to receive a large or a small button without tearing the band. I prefer to have three slits, *c*, extending from each eye *b*, one central and directly in line with the button-hole, and one on each side thereof, running obliquely, and forming an acute angle with the central slit, so that all three are nearly in line with the general direction of the button-hole, as illustrated in the drawings—an arrangement which serves to preserve the button-hole intact, as well as the slits, preventing tearing, as the slits are in the direction of the strain, and there is provided no transversé slit at right angles to the direction of the strain, to weaken the material and facilitate the breaking or tearing thereof.

The slit or cut may be made at the same time the button-hole is punched, and with the same punching-tool; or such slit or cut may be made after the hole is punched.

It will be seen from the above description that I make in the band of a collar an expandible button-hole, which can be applied over a large or a small button without tearing the collar-band or ruffling the exposed portion of the collar.

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

A paper collar having the button-hole herein described, consisting of an enlarged eye, *b*, having at one end the contracted neck or extension *a*, and at the other end, extending in the direction of the length of the button-hole, the slits *c*, one central and direct, and on each side thereof one running obliquely, and forming with said central slit an acute angle, as specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

FRANKLIN WIXSON.

Witnesses:

CARL C. P. MEYER,
J. A. POTTER.