

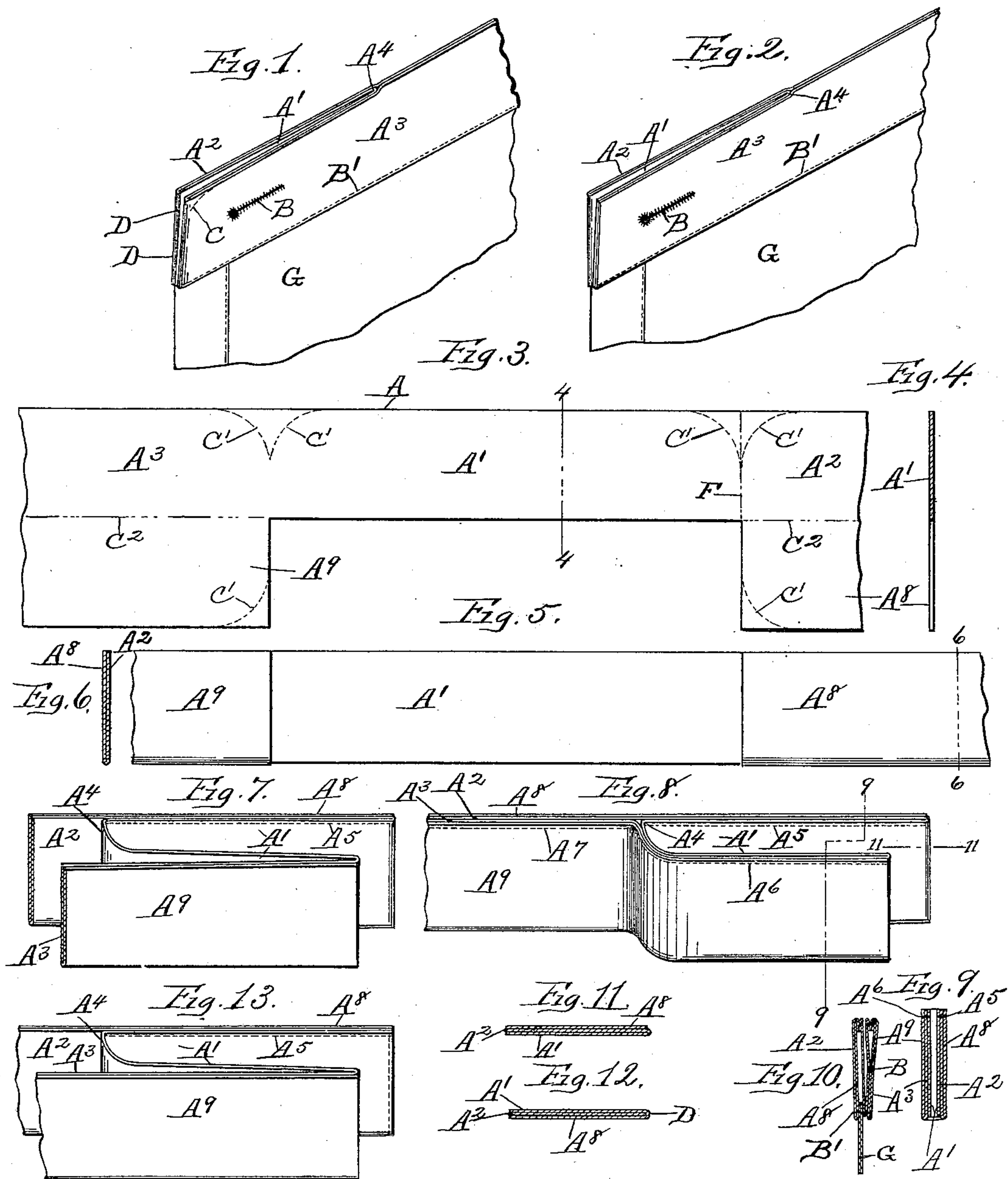
No. 610,579.

Patented Sept. 13, 1898.

G. BOXLEY.  
BUTTONHOLE BAND.

(Application filed Nov. 9, 1897.)

(No Model.)



Witnesses:

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# UNITED STATES PATENT OFFICE.

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## BUTTONHOLE-BAND.

SPECIFICATION forming part of Letters Patent No. 610,579, dated September 13, 1898.

Application filed November 9, 1897. Serial No. 657,913. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE BOXLEY, a citizen of the United States, residing at Troy, county of Rensselaer, and State of New York, have invented certain new and useful Improvements in Buttonhole-Bands, of which the following is a specification.

The invention relates to such improvements; and it consists of the novel construction and combination of parts hereinafter described and subsequently claimed.

Reference may be had to the accompanying drawings, and the letters of reference marked thereon, which form a part of this specification.

Similar letters refer to similar parts in the several figures therein.

Figure 1 of the drawings is a view in isometrical perspective of one end of the neckband of a shirt embodying my invention and having the continuous facing for the fly-opening in the end of the band formed integrally with both of the outer plies. Fig. 2 is a similar view showing a band having the facing for the fly-opening integral with one only of the outer plies. Fig. 3 is a plan view of the blank adapted to be made into a neckband like that shown in Fig. 1. Fig. 4 is a transverse section of the same, taken on the broken line 4 4 in Fig. 3. Fig. 5 is a view similar to Fig. 3, showing the portions of the blank adapted to form the inner plies of the band folded over upon the body of the blank. Fig. 6 is a transverse section of the same, taken on the broken line 6 6 in Fig. 5. Fig. 7 is a view in perspective, showing the facing portion of the blank provided with a reëntrant fold and one of the facing-plies formed by such fold stitched to the neighboring plies of the band. Fig. 8 is a similar perspective view showing both facing-plies separately stitched to the respective neighboring plies along one edge and the body-plies of the band beyond the faced portion connected by stitching, one branch of the bifurcated end of the band being drawn away from the other branch for convenience in illustration. Fig. 9 is a transverse section of the same, taken on the broken line 9 9 in Fig. 8. Fig. 10 is a similar section of the band after it has been finished by inversion and secured to the body of the shirt. Fig. 11 is a longitudinal section of one branch

of the bifurcated end of the band, taken on the broken line 11 11 in Fig. 8. Fig. 12 is a similar view of the parts shown in Fig. 11 after inversion of the same. Fig. 13 is a view similar to that shown in Fig. 7, showing the reëntrant folded facing integral with one only of the outer plies of the band.

The objects of my invention are to facilitate the construction of a buttonhole-band for garments having a fly-opening and the walls of the fly-opening reinforced by a continuous facing and to improve the appearance and serviceability of such a band.

Referring to the drawings, as shown in Figs. 1, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12, A represents a blank cut from a piece of fabric in the form shown in Fig. 3, having a contracted middle part A' connecting the two wider end portions A<sup>2</sup> and A<sup>3</sup>. The wider portions of the blank are adapted to be folded each upon itself to form a double thickness of fabric on either side of the contracted middle portion A', as shown in Fig. 5. After the blank is thus folded the contracted portion A' is provided with a transverse middle fold A<sup>4</sup>, and one of the plies thus formed in such portion is folded over upon one of the double-ply end portions, as A<sup>2</sup>, of the blank and secured thereto along one edge by the line of stitching A<sup>5</sup>. The other ply formed by the middle fold A<sup>4</sup> in the middle portion of the blank is in a similar manner folded over upon the other double-ply end portion of the blank and secured thereto by the line of stitching A<sup>6</sup>, after which the two double-ply end portions of the blank are superposed one upon another and connected by an edge line of stitching A<sup>7</sup> beyond the portion faced by the reëntrant folded part A'. I thus produce a band having a bifurcated end, having the walls of the bifurcation reinforced by the continuous facing formed by the reëntrant folded portion A', which is integral with all of the plies of the band, as shown in Figs. 8 and 9. The plies of the body of the band and of each branch of the bifurcated end of the band are then inverted or turned inside out from the positions shown in Figs. 8 and 9 to those shown in Figs. 1, 10, and 12, after which the band is completed by forming a buttonhole B in one branch of its bifurcated end, as shown. The band as thus constructed may be attached to



the body of a shirt or other garment by securing its unstitched edge to a portion of such garment G, inserted between the band-plyes, as by a line of stitching B', as shown in Figs. 1 and 10. I am thus able to produce a band having a fly-opening at its buttonholed end adapted to receive the head of a stud or button inserted in such buttonhole and prevent contact of the same with the person of the wearer and having the walls of such opening reinforced by a continuous facing which is integral with the body-plyes of the band. The band, as above described, is provided with two outer plyes, as A<sup>2</sup> and A<sup>3</sup>, and with two inner plyes formed by the extended portions A<sup>8</sup> and A<sup>9</sup> of the blank, as shown in Fig. 3; and it will be seen from an inspection of Figs. 1 and 12 that after the plyes of the band have been inverted the end of each inner ply is inclosed in a fold in the fabric which connects the facing with an outer ply of the band, which folds form finished end edges for the band, which may be left unstitched, if desired, as shown at D D in Fig. 1, the ends of the inner plyes being held in place and prevented from fraying out by such folds.

The blank shown in Fig. 3 is adapted to form a band having square ends, as shown in Fig. 1, and its body portion composed of four plyes.

Should it be desired to produce a band having a rounded end, as indicated by dotted lines C in Fig. 1, the outline of the blank would be changed, as indicated by the dotted lines C' in Fig. 3, and the construction proceeded with as above described, the edge lines of stitching A<sup>5</sup> and A<sup>6</sup> being continued along the curved edges of the blank.

When it is desired to make the outer plyes of the band of different qualities or patterns of fabric, the blank may be divided along the broken line F in Fig. 3, in which case the portion of the blank at the left of such line of division may be made of a different fabric from the rest of the blank. In the latter case the facing is integral with one portion of the blank or one of the outer plyes of the band only, and in Fig. 13 I have shown the man-

ner in which the end of such facing is secured to the other separate portion of the blank. The band formed in this manner is shown in Fig. 2.

The number of plyes of the band may be reduced to three or two by omitting from the blank one or both of the extended portions A<sup>8</sup> and A<sup>9</sup>, which form the inner plyes of the band, as by cutting the blank along the broken lines C<sup>2</sup> in Fig. 3.

I am aware that a neckband has been made of two strips, one being folded lengthwise and stitched to the other along one edge thereof, except at one end, wherein a short strip was secured as a fly-opening facing. I am also aware that a buttonhole-covering flap has been formed integrally with the inner ply of a neckband, and such devices are not of my invention. It is characteristic of my improvement that the fly-opening is faced by an endwise-folded piece reëntrant between the outer and inner lengthwise-folded band plyes and integral therewith.

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

1. The buttonhole-band having a plurality of plyes, a fly-opening between said plyes at one end thereof, and an inner facing for the said opening consisting of a folded piece integral with the plyes and reëntrant between them, substantially as described.

2. A buttonhole-band for garments comprising inner and outer plyes of fabric separated at one end to form a fly-opening, one of the outer plyes having an integral reëntrant folded facing secured along one of its edges to the outer and inner walls of the fly-opening, and having the end of one of said inner plyes inclosed in the fold which connects said integral ply and facing, substantially as described.

In testimony whereof I have hereunto set my hand this 6th day of November, 1897.

GEORGE BOXLEY.

Witnesses:

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M. R. MURRAY.