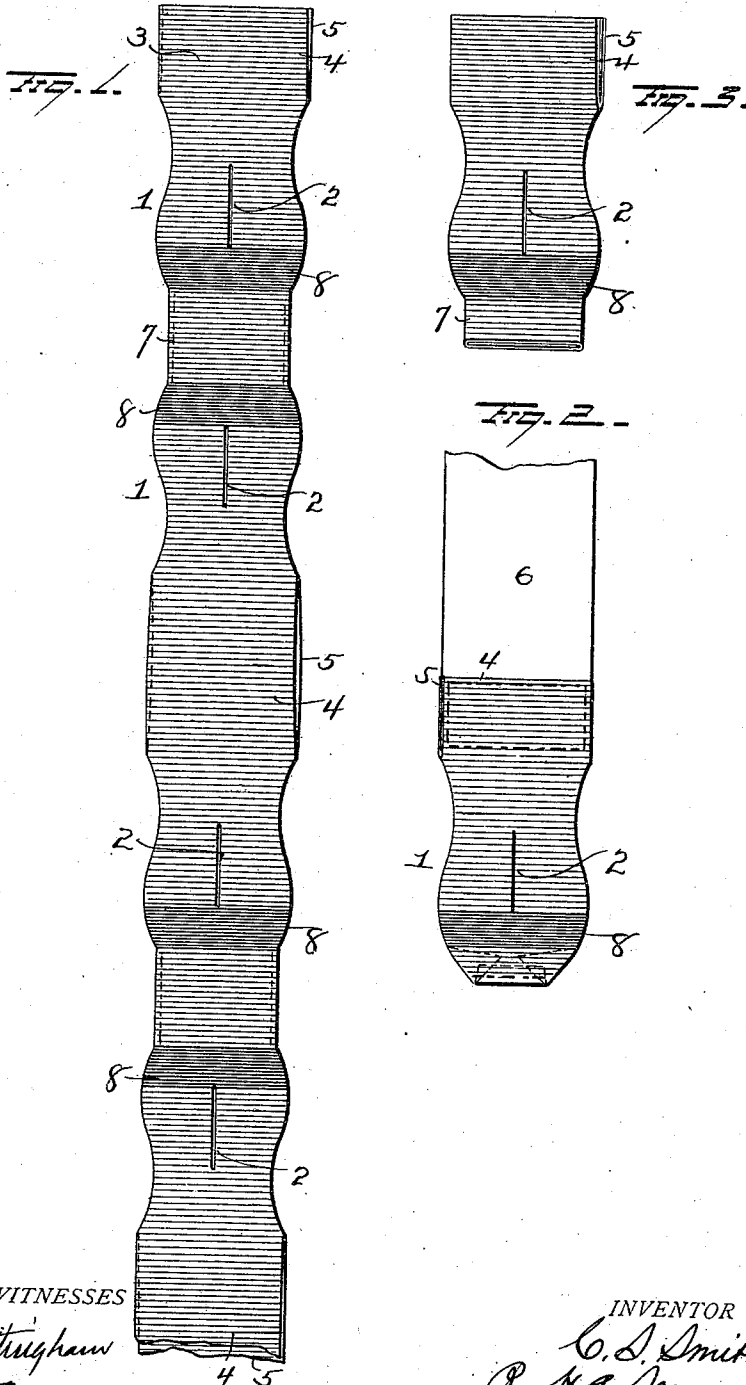


C. S. SMITH.
 BUTTONHOLE PIECE.
 APPLICATION FILED JAN. 22, 1910.

991,034.

Patented May 2, 1911.



WITNESSES

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CHARLES S. SMITH, OF PROVIDENCE, RHODE ISLAND.

BUTTONHOLE-PIECE.

991,034.

Specification of Letters Patent.

Patented May 2, 1911.

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To all whom it may concern:

Be it known that I, CHARLES S. SMITH, of Providence, in the county of Providence and State of Rhode Island, have invented certain new and useful Improvements in Buttonhole-Pieces; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in button hole pieces for strap or suspender ends,—the object of the invention being to provide a woven button hole piece, which shall be simple and durable in construction, cheap to manufacture, and neat in appearance.

With this object in view, the invention consists in certain novel features of construction as hereinafter set forth and pointed out in the claims.

In the accompanying drawings; Figure 1 is a view showing the manner of weaving a connected series of button hole pieces, Fig. 2 is a view showing the finished device and its application to a strap end, and Fig. 3 is a separate view of the device before the end of the tubular portion has been turned in.

The button-hole pieces are woven in a connected series, the body portion 1 of each piece being woven solid with a button-hole 2 woven therein. In weaving the device, certain parts thereof are made narrower than other parts and the contour of the edges of the body portion is preferably curved. To accomplish these results I prefer to employ in the loom, a reed of the "fan" type.

In weaving a strip of connected button-hole pieces, I first weave the end 3 of such a piece, said piece being woven with separated pieces 4—5, for the reception between them of a strap end 6 as shown in Fig. 2. After weaving the separated plies 5—6, I proceed to weave the solid body portion 1 with the button hole 2, and at the end of the latter, I weave a tubular portion 7. After weaving this tubular portion, I proceed with the

weaving of the solid body portion of another button-hole piece and at the opposite end of the latter, I weave two separated plies and then the solid body of another button hole piece, and so on until any desired number of a connected series of button hole pieces have been woven.

Where the body portions of two button hole pieces are connected by separated plies, these plies are severed transversely centrally between the two body portions, and each tubular connecting portion 7 is severed transversely midway between the end thereof. The free edge of the tubular end of each piece is then turned into the tube and secured by stitching. The piece is now ready to be applied to a strap end, the latter being inserted between the separated plies 5—6 as before explained, and secured by stitching or other suitable fastening means.

In order to reinforce the portion of the device below the button hole, an increased amount of filling 8 will be woven into this part.

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

1. A suspender comprising a woven body portion, separated woven plies at one end thereof, a tubular woven portion at the other end of said body portion, the free edge of said tubular portion being turned into the latter, and stitching securing said turned-in edge.

2. A suspender member comprising a woven body portion having a button hole and having added filling below the button hole, said member provided below said added filling with a tubular portion having its edges turned in and secured.

In testimony whereof, I have signed this specification in the presence of two subscribing witnesses.

CHARLES S. SMITH.

Witnesses:

HENRY W. GARDNER,
CHARLES R. HASLAM.