

No. 756,566.

PATENTED APR. 5, 1904.

H. BEERWALD.
WAISTBAND.

APPLICATION FILED JUNE 30, 1903.

NO MODEL.

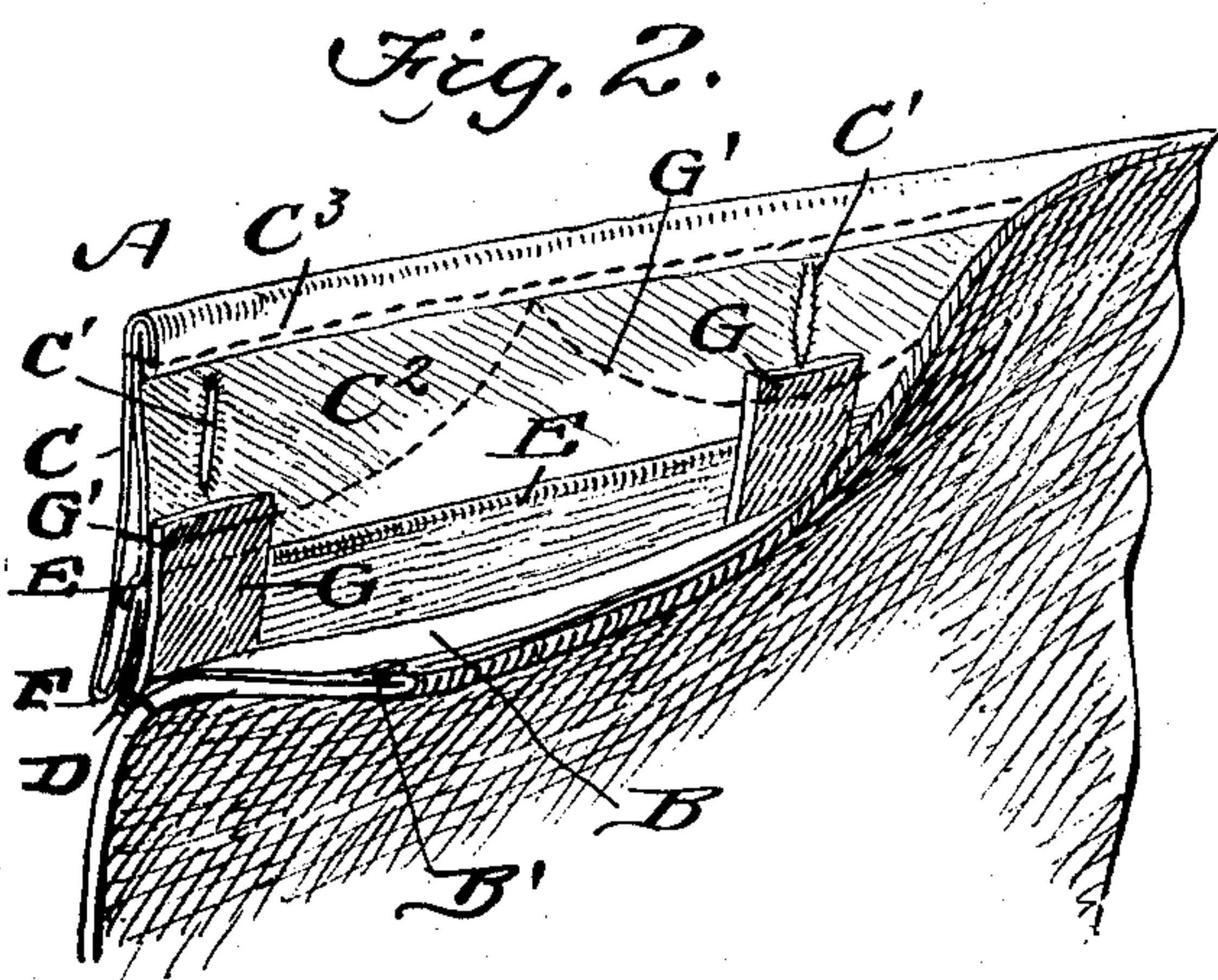
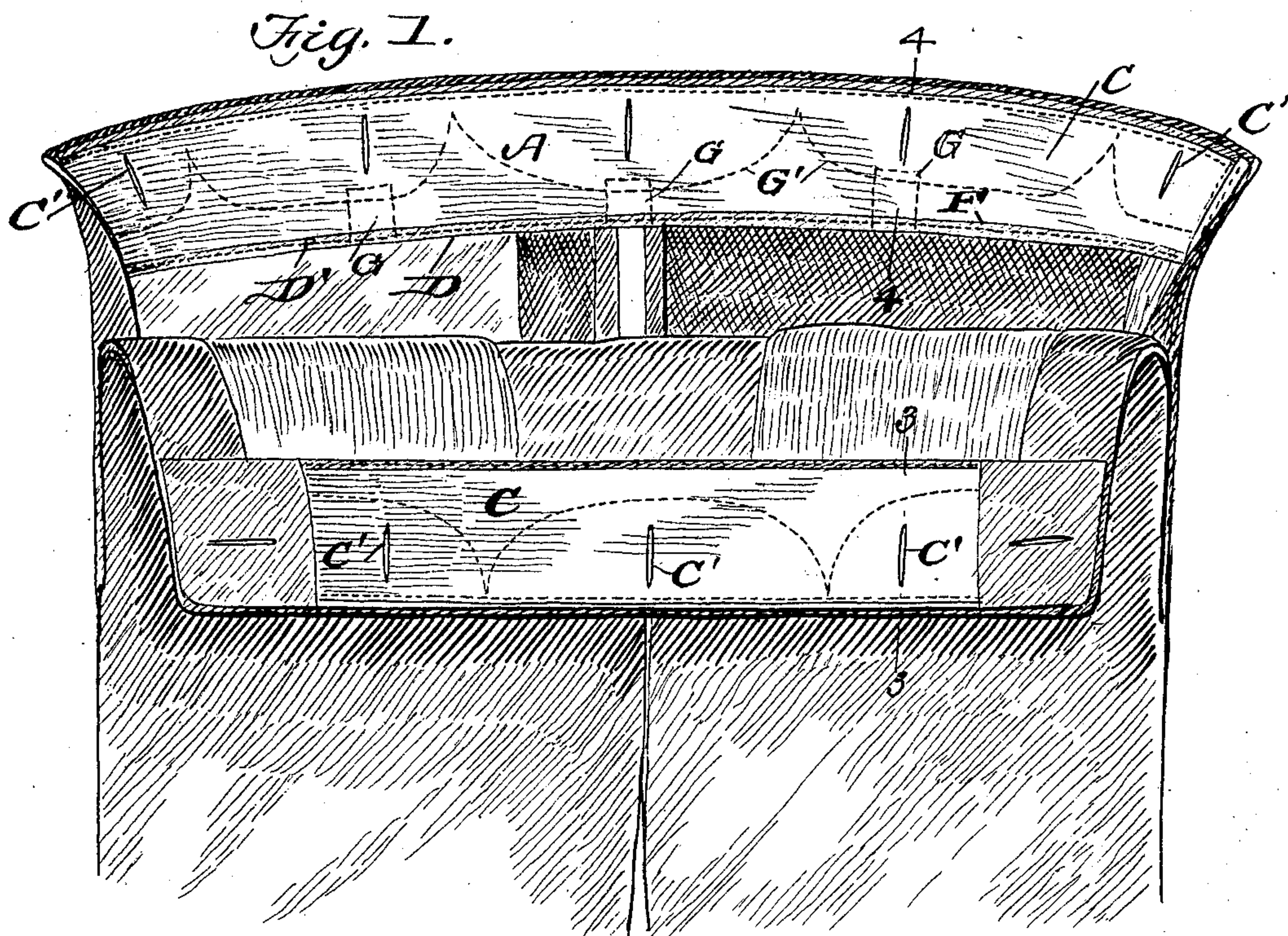


Fig. 3

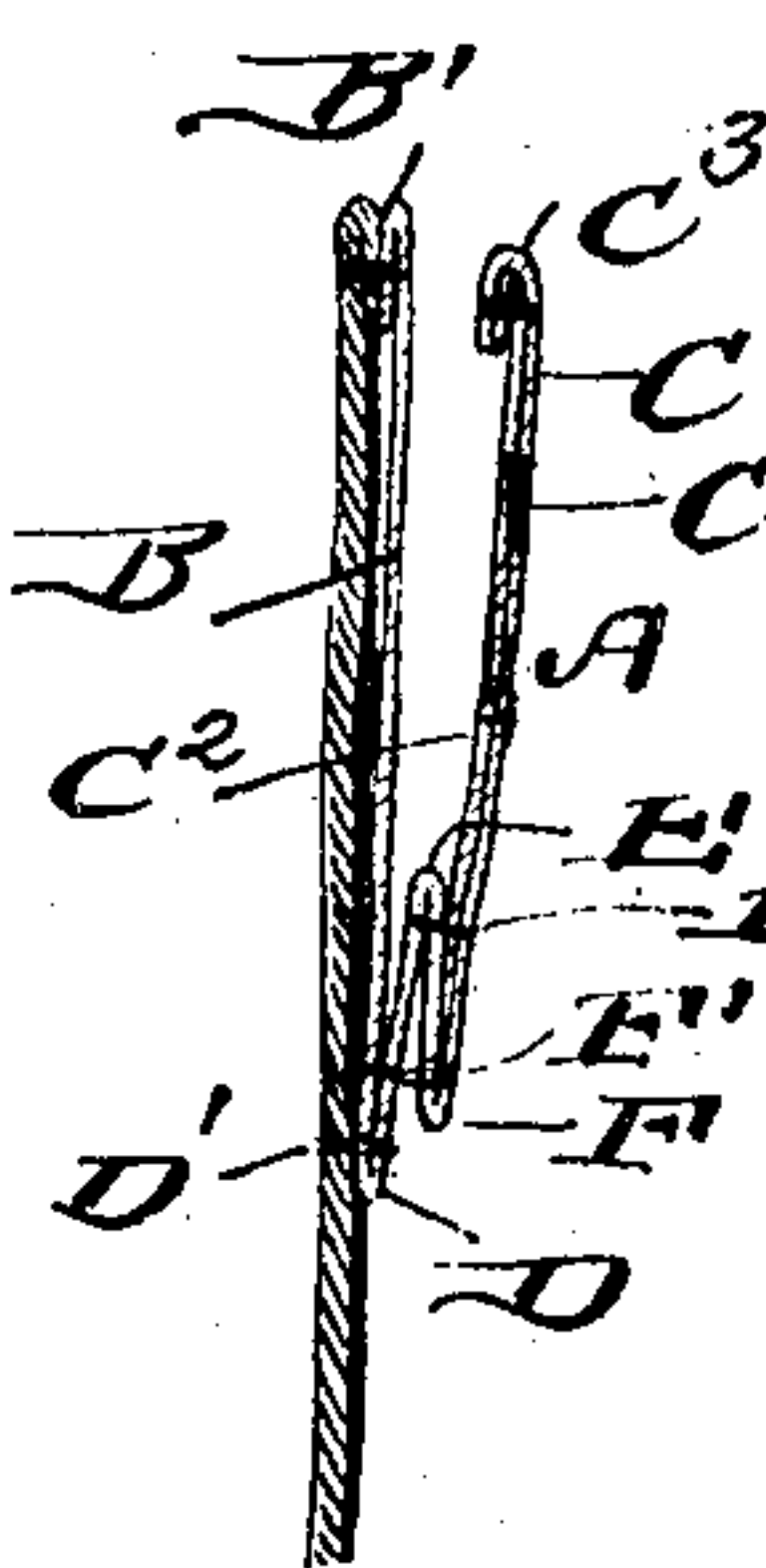
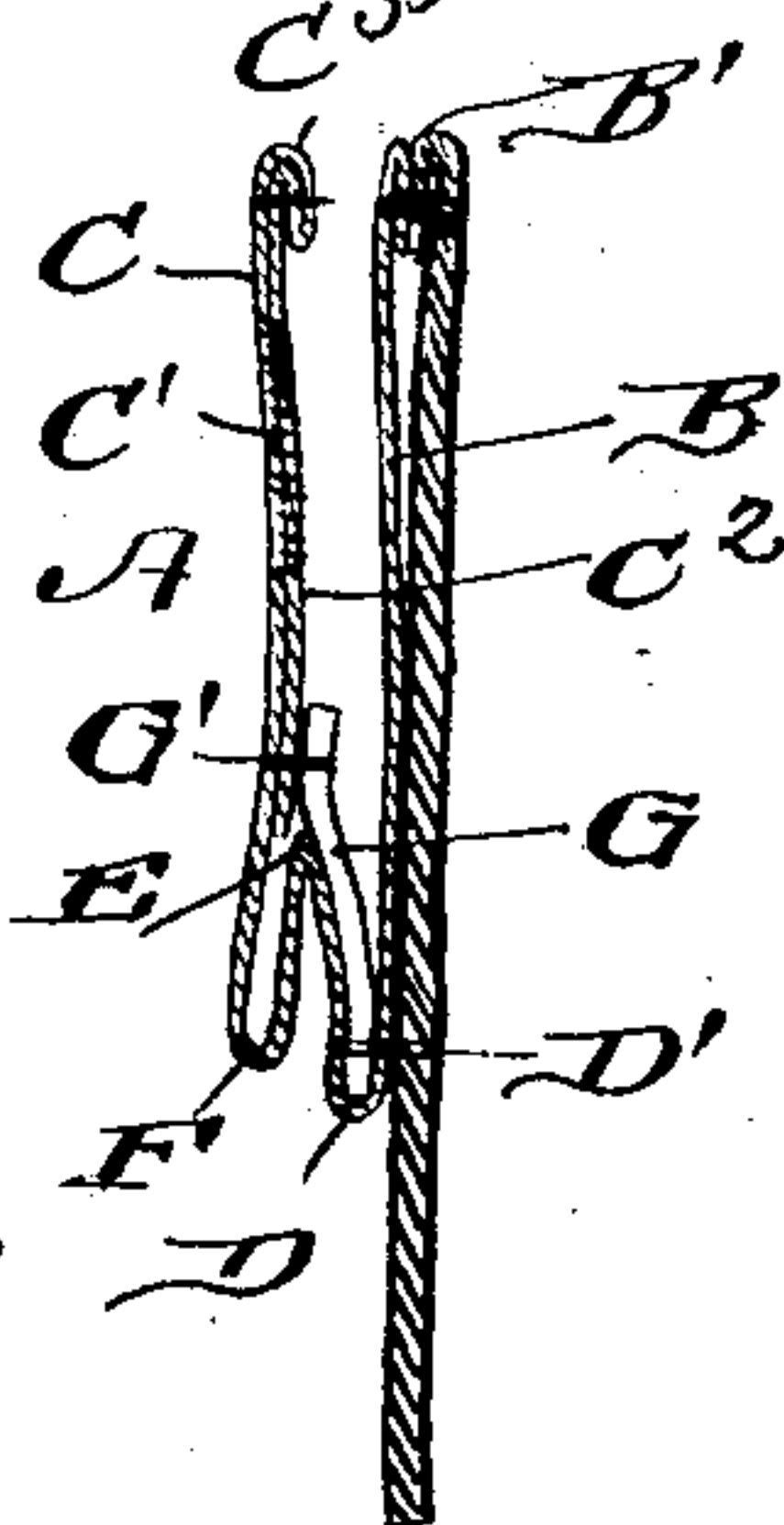


Fig. 4.



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UNITED STATES PATENT OFFICE.

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WAISTBAND.

SPECIFICATION forming part of Letters Patent No. 756,566, dated April 5, 1904.

Application filed June 30, 1903. Serial No. 163,754. (No model.)

To all whom it may concern:

Be it known that I, HARRY BEERWALD, a citizen of the United States, residing at New York city, in the State of New York, have invented a new and useful Waistband, of which the following is a specification.

This invention is an improved construction of waistband particularly adapted for use in connection with children's pants, the object of the invention being to provide a waistband with yielding portions at certain points, whereby sudden or unusual strain upon the waistband at those points will not affect the waistband nor the buttons fastened thereto.

Another object is to construct a waistband in such a manner that when the yielding portions stretch or give they will not affect the other portions of the waistband nor the pants to which they are attached.

With these objects in view my invention consists, essentially, in constructing a waistband from a single piece of material comprising the back strip, front or buttonhole strip, and the intermediate folded or plaited portion, arranged between the back and front strips, and securing thereto elastic straps arranged at regular intervals between the back and front strips, the lower ends of the elastic straps being secured to both the front and back strips without cutting either one to permit of the action of the elastic, the upper end of the elastic strap being secured to the front strap adjacent the lower end of the buttonhole.

The invention consists also in certain details of construction hereinafter fully described, and pointed out in the claim.

In the drawings forming part of this specification, Figure 1 is a view showing the top portion of a pair of pants, the front portion of the pants being turned down for the purpose of showing the waistband at the back or rear portion of the pants, said waistband being constructed in accordance with my invention. Fig. 2 is a detail perspective view illustrating the manner of connecting a waistband, constructed in accordance with my invention, to the pants. Fig. 3 is a vertical sectional view on the line 3 3 of Fig. 1. Fig. 4 is a sectional view on the line 4 4 of Fig. 1.

In constructing a waistband in accordance

with my invention I make it of a length sufficient for both front and rear portions of the pants, and inasmuch as the smaller sizes of pants open at the side and the larger sizes open at the front it will of course be understood that as I propose to arrange the elastic straps only at the rear the said straps will be located in different positions according to the sizes of the waistband. The entire waistband, however, consists of a single piece of material A, folded lengthwise, so as to provide the back strip B, or that portion which is fastened to the edge of the piece of material A forming the pants, and the front or buttonhole strip C, or that portion which has the buttonhole C' and is fastened to the shirt-waist by buttons or other fastening means. The upper edge of the back strip is turned down and fastened to the pants at the upper edge, as shown at B'. The entire strip is folded lengthwise, as shown at D, and then folded again in a reverse direction, as shown at E, and then folded as shown at F, thereby providing a longitudinal plait between the back and front strips. The front or buttonhole strip is folded back upon itself with the edge of the piece of material A extended down toward the plait, as shown at C², thereby providing a double thickness, and its upper edge is turned over and hemmed, as shown at C³. The back and front strips of the front portion of the waistband have rows of stitching D', E', and F', connecting the back and front strips and the intermediate fold or plait; but the rear portion of the waistband has only one row of stitching D', and this row of stitching also serves to secure the lower end of the elastic strips G, which are arranged between the back and front strips adjacent the rear central buttonholes, the upper ends of said elastic strips being secured to the buttonhole-strip by rows of stitching G' without the necessity of cutting the back of the band to permit of the upward movement of the top portion when the elastic is extended, and by turning the hem C³ inward instead of outward, as heretofore commonly done, the space between it and the top of the elastic forms a place for the button and causes a smooth exterior surface of the waistband at that point. The lower edge of the piece of material A

preferably terminates far enough below the buttonholes to permit the upper end of the elastic, which also preferably terminates below the buttonholes, to overlap it sufficiently to have the row of stitching pass through the two thicknesses of material and also through the elastic. By securing the folds of the plait together by the rows of stitching E' and F', where there is no elastic, the strain upon the buttonhole portion of the band is transmitted directly to the pants through the row of stitching D' without opening the plait, and by omitting the rows of stitching E' and F' from the portion of the band provided with the elastic and securing the lower end of the elastic within the inner fold by the row of stitching D' and securing its upper end to the doubled portion above the outer fold of the plait by the row of stitching G' the front and rear portions of the band can be made exactly alike except for the two rows of stitching E' and F', and a very short piece of elastic will suffice for each buttonhole, thereby effecting a very economical construction both as regards material and labor in making it.

From the foregoing it will be noted that there is an elastic or yielding connection between the lower edges of the back strip and the intermediate portion of the buttonhole-strip, and whenever any sudden or unusual strain is placed upon the buttonhole-strip it will be permitted to yield the full extent of the intermediate fold or plait, and when the

buttonhole-strap moves in this manner it is obvious that the back strip being securely fastened to the pants both at its upper and lower edges it will be impossible for the buttonhole-strip to pull the back strip up above the edge of the pants, as frequently occurs with elastic waistbands now in common use. It will also be noted that the waistband as a whole is composed of a single strip of material and that there are no cuts or incisions produced therein, through which the elastic straps or connections work.

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

A waistband consisting of a piece of material folded lengthwise to form a longitudinal plait, and pieces of elastic material arranged at intervals along the same, one edge of the folded piece of material being adapted to be secured to a garment and the other edge being doubled upon the other and provided with buttonholes, the edge of the doubled portion being extended below the buttonholes, and one end of each elastic piece secured within the inner fold of the plait and the other end terminating at a point below its respective buttonhole and being secured to said doubled portion above the outer fold of the plait.

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