

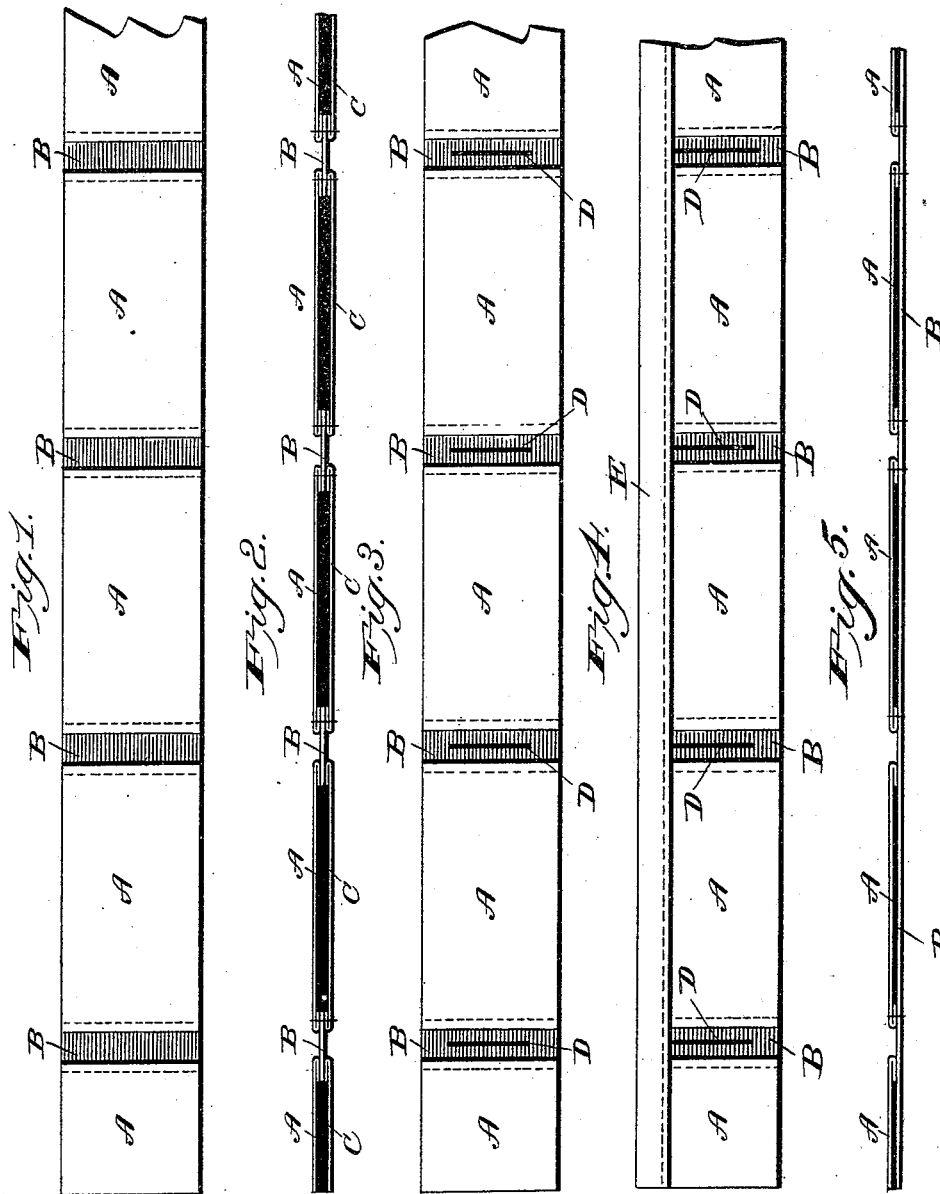
(No Model.)

2 Sheets—Sheet 1.

M. P. BRAY.
BUTTON HOLE STRIP.

No. 421,544.

Patented Feb. 18, 1890.



WITNESSES:

Chas. H. Fleming

INVENTOR

Morris P. Bray

F. D. Smith

BY

ATT'Y

(No Model.)

2 Sheets—Sheet 2.

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Fig. 6.

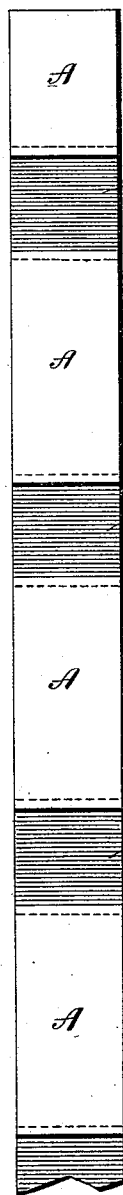


Fig. 7.

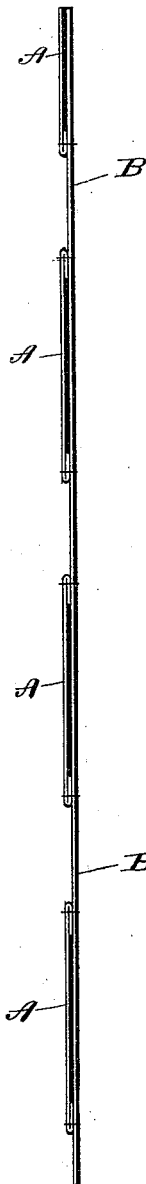


Fig. 8.

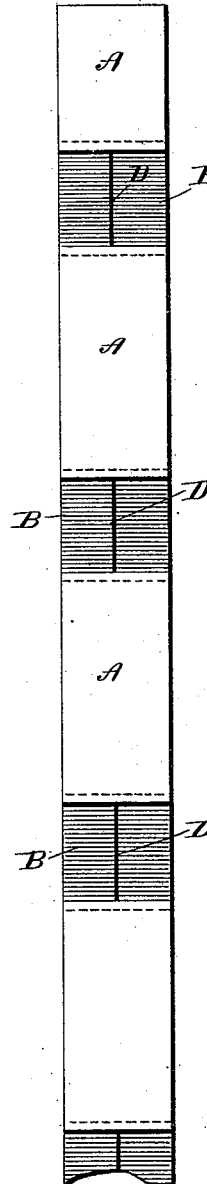
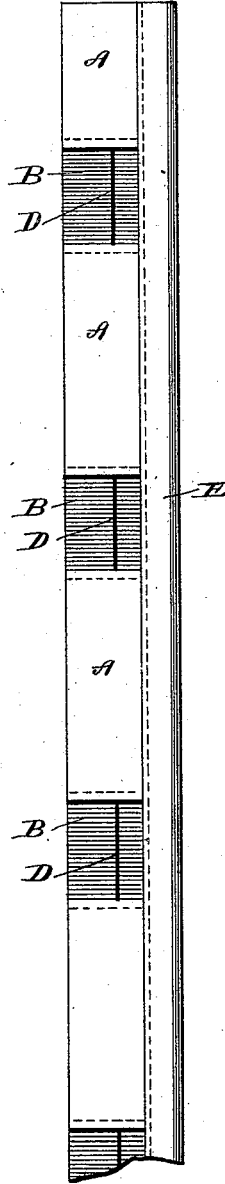


Fig. 9.



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UNITED STATES PATENT OFFICE.

MORRIS P. BRAY, OF ANSONIA, CONNECTICUT, ASSIGNOR TO DAVID H. FANNING, OF WORCESTER, MASSACHUSETTS.

BUTTON-HOLE STRIP.

SPECIFICATION forming part of Letters Patent No. 421,544, dated February 18, 1890.

Application filed December 9, 1889. Serial No. 333,076. (No model.)

To all whom it may concern:

Be it known that I, MORRIS P. BRAY, a citizen of the United States, residing at Ansonia, in the county of New Haven and State of Connecticut, have invented certain new and useful Improvements in Button-Hole Strips; 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.

My invention relates to button-hole strips, and has for its object to do away with the binding along the edges of the button-hole, and at the same time to produce a strong and serviceable button-hole.

In the accompanying drawings, Figure 1 is a plan of my button-hole strip prior to the formation of the button-holes; Fig. 2, a longitudinal section thereof; Fig. 3, a plan showing the strip with the button-holes cut therein, and Fig. 4 a similar view of such strip with an edge-binder stitched thereto; Fig. 5, a view similar to Fig. 2, but showing the non-raveling material extending the length of the strip. Figs. 6, 7, 8, and 9 are views similar, respectively, to Figs. 1, 2, 3, and 4, but showing particularly the manner of making button-hole strips in accordance with my invention, wherein the button-holes extend vertically instead of horizontally.

Similar letters denote like parts in the several figures of the drawings.

A are short sections of cloth, which are stitched to a section B, of felt or other non-raveling material, in such manner that the ends of such sections A are in close proximity. This constitutes a strip-blank, the facing of which is cloth, while the backing at those points where the ends of said cloth approach each other is a non-raveling material.

An under series of sections C, coincident with the sections A, as shown at Fig. 2, may or may not be stitched beneath the non-raveling backing, and I do not wish to be limited

in this respect, since my invention obviously comprehends both constructions, it being a mere matter of taste whether the facing-strips are duplicated below the non-raveling material or not.

The button-holes D are cut within the section B, between the ends of adjacent sections A, as shown at Fig. 3, and a continuous binder E is then stitched along one edge of the strip and across the adjacent ends of the button-holes to constitute a common bar to said ends.

By spreading the ends of the sections A farther apart, as shown at Figs. 6 and 7, I am enabled to cut the button-holes longitudinally of the strips, as shown at Fig. 8, the continuous binder being stitched along one edge of this strip, so as to constitute a facing along one side of the button-holes, as shown at Fig. 9.

A strip formed as shown at Fig. 9 is very serviceable for insertion within the rear vertical edges of a corset, the button-holes taking the place of the usual eyelets for lacing purposes.

If desired, the non-raveling material may be used in a continuous length, as shown at Fig. 5; but this is not necessary, and I have shown such strip merely as a variation in color and not in substance.

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

The herein-described button-hole strip, consisting of sections of felt or other non-raveling material having the button-holes cut therein, and cloth facing-sections secured thereon with their adjacent ends in close proximity to the sides of the button-hole, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

MORRIS P. BRAY.

Witnesses:

J. P. FINCH,
F. W. SMITH, Jr.