(No Model.)

H. W. LYON.

BUTTON HOLE STRIP.

No. 400,408. Patented Mar. 26, 1889.

Fig 1

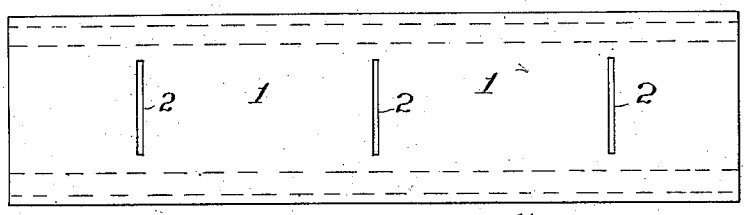


Fig 2

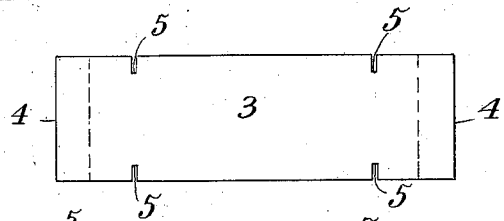


Fig 3

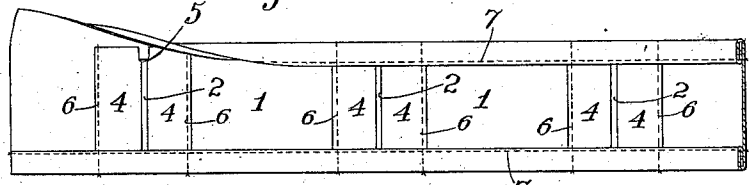


Fig 4

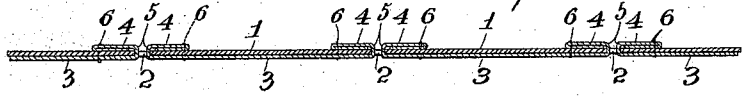


Fig 5

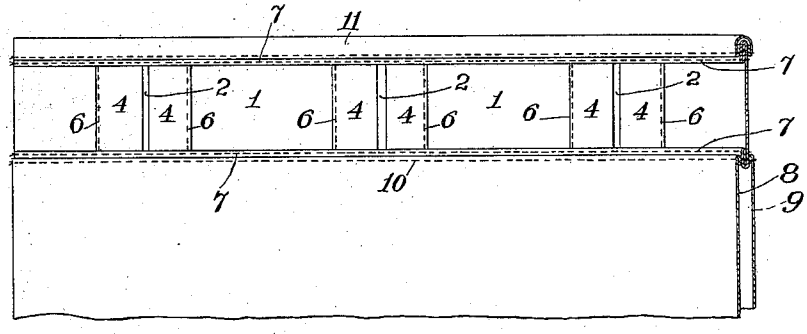


Fig 6

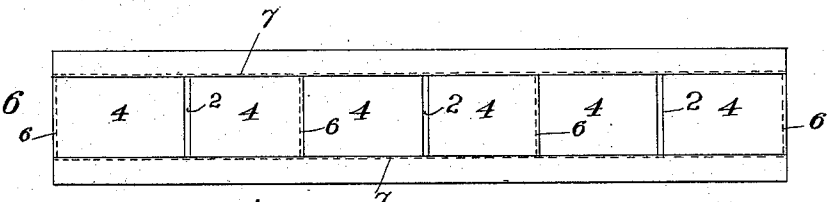
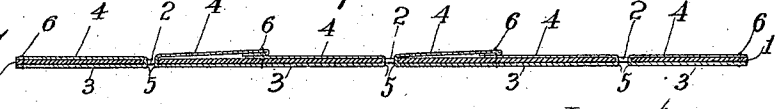


Fig 7



Witnesses
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Henry W. Lyon.
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UNITED STATES PATENT OFFICE.

HENRY W. LYON, OF BRIDGEPORT, CONNECTICUT.

BUTTON-HOLE STRIP.

SPECIFICATION forming part of Letters Patent No. 400,408, dated March 26, 1889.

Application filed December 26, 1888. Serial No. 294,696. (No model.)

To all whom it may concern:

Be it known that I, HENRY W. LYON, a citizen of the United States, residing at Bridgeport, in the county of Fairfield 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-holes such as are formed in strips for use in corsets or similar garments, and has for its object to provide a very simple and durable button-hole at an economical cost; and with these ends in view my invention consists in the combination of elements and arrangement of parts, such as will hereinafter be fully set forth, and then specifically designated by the claims.

In the accompanying drawings, Figure 1 is a plan of the button-hole body-strip; Fig. 2, a plan of one of the short T-head sections; Fig. 3, a plan of my completed improvement; Fig. 4, a longitudinal section of the strip shown at Fig. 3, the binding-edge of the body-strip being omitted; Fig. 5, a plan showing my improvement stitched within a corset-section; Fig. 6, a plan illustrating a slight modification of my invention; and Fig. 7, a longitudinal section of the strip shown at Fig. 6, with the binding-edge of the body-strip omitted.

Similar numerals denote like parts in the several figures.

1 is the body-strip, within which are cut the button-holes 2. The width of this strip is such that sufficient margin is left at the sides of the strip beyond the button-holes to enable said sides to be folded on the dotted lines shown at Fig. 1, to constitute end bars to the button-holes, as will be presently set forth. 3 are short strips, whose ends are formed into T-heads 4. The distance between the necks 5 of these heads is equal to the distance between the button-holes, and said heads are simply inserted through adjacent button-holes and then folded toward each other and against the strip 1 and united to the latter by cross-rows, 6, of stitches. I prefer to double these T-heads upon themselves, as shown at Figs. 3 and 4, in order to amply re-enforce the button-holes; but said heads may be folded at full length against the strip 1 and then lap-seamed, as clearly shown at Figs. 6 and 7. Thus it will be seen that the neighboring edges of two consecutive button-holes are bound by a single strip 3. The width of these strips 3 is a trifle greater than the length of the button-holes, so that the T-heads 4 when folded, as above set forth, will extend slightly beyond the ends of the button-holes. When the button-holes have been bound by the flaps, as above specified, the lateral edges of the strip 1 are folded inward, as shown at Fig. 3, and stitched to the flaps by lengthwise rows, 7, of stitches, thus completing the button-holes in strip form before said strip is stitched within a corset. The folded lateral edges of the strip 1 constitute the bars at the ends of the button-holes, and the extension of the flaps beyond said ends renders the barring of the latter by said edges exceedingly firm and durable, since all strain is taken up by the re-enforcing T-heads, so that there is no possibility of tearing at the ends of the button-holes.

My improved button-hole strip is secured within the plies 8 9 of a corset by a row, 10, of stitches outside of the lengthwise row 7, the corset-section having no function whatever as a bar at the inner ends of the button-holes. A binding-tape, 11, may be stitched along the outer edge of the completed strip, as shown at Fig. 5; but this is unnecessary, and is merely a matter of taste, since the lateral edges of the body-strip are themselves the binders.

I claim—

1. In a button-hole strip provided with binding-edges, as described, the combination, with a body-strip having cut therein the button-holes, of separate short strips which extend beneath said body-strip between consecutive button-holes, and are provided with T-headed flaps, which are bound around the neighboring edges of said consecutive button-holes, substantially as set forth.

2. The combination of the body-strip pro-

vided with binding-edges, as described, and having cut therein the button-holes, the separate strips which extend between consecutive button-holes beneath the body-strip, and the T-headed flaps formed at the ends of said separate strips and bound around the neighboring edges of said consecutive button-holes, the binding-edges of the body-strip being secured across the ends of the button-holes, substantially as shown, and for the purposes set forth.

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

HENRY W. LYON.

Witnesses:
S. S. WILLIAMSON,
JOHN J. DEVITT.