

(No Model.)

L. C. FAN.

METHOD OF FORMING BUTTON HOLES.

No. 264,521.

Patented Sept. 19, 1882.

Fig. 1

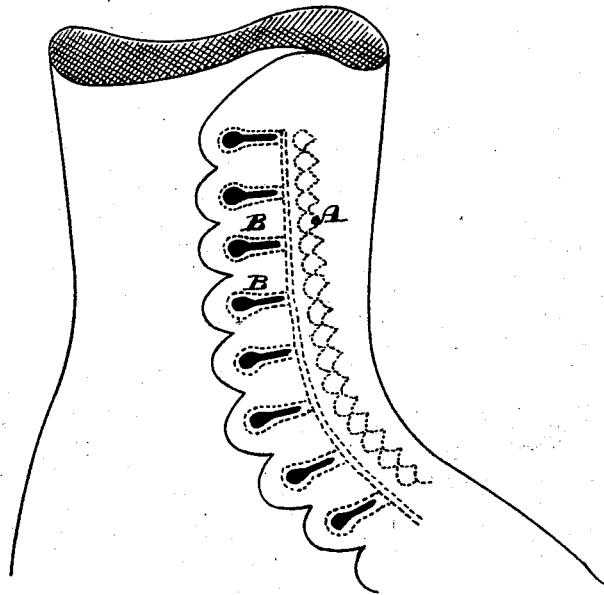
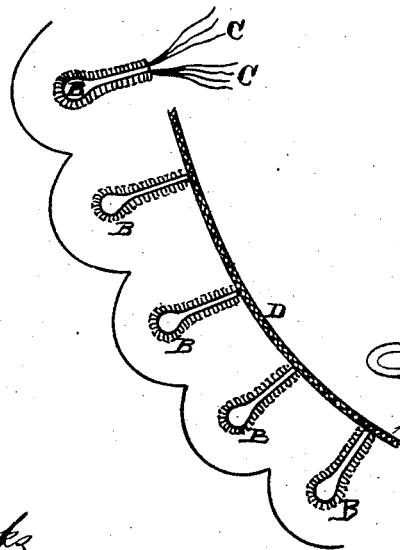


Fig. 2.



Witnesses

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LOO CHEW FAN, OF SAN FRANCISCO, CALIFORNIA.

METHOD OF FORMING BUTTON-HOLES.

SPECIFICATION forming part of Letters Patent No. 264,521, dated September 19, 1882.

Application filed January 30, 1882. (No model.)

To all whom it may concern:

Be it known that I, LOO CHEW FAN, of the city and county of San Francisco, State of California, have invented a Method of Forming Button-Holes; and I do hereby declare the following to be a full, clear, and exact description thereof.

My invention relates to an improved method of forming button-holes in buttoned shoes and for similar purposes; and it consists in an improved continuous finish extending along the inner ends throughout the entire line of button-holes upon the inside, as will be more fully explained by reference to the accompanying drawings, in which—

Figure 1 is a view of my improvement. Fig. 2 represents the employment of two or more cords to form the finish.

In the ordinary method of making button-holes for this class of work the button-holes are worked by machinery, but the inner ends are finished separately and by hand, thus using a considerable amount of silk and at the same time making protuberant lumps or knots and an unsightly finish.

In my invention I employ a continuous cord, which is laid across the inner ends of the button-holes, so as to form a line extending from the first to the last. The ends of the gimp, which is laid along the inner edges of the button-holes to give body and strength when they are stretched, are left loose and extend beyond the ends of the button-holes. These are twisted together and laid along with the cord, so that the whole may be stitched down together in a smooth continuous line from top to bottom, and the stitching, which shows upon the exterior surface, gives a fine ornamental finish.

A is that part of the shoe in which the but-

ton-holes are made, and B are button-holes. These are stitched or worked around the edges in the usual manner, the ends C of the gimp, which is laid along the edge when it is worked, being left loose at the inner end of the button-hole.

After all the button-holes have been worked a cord, D, is laid along the inner ends, as shown, and the ends of the gimp are simply twisted together and laid along with the line of the cord by the machine, by which the whole is stitched to the leather. The loose ends of gimp not stitched in may be afterward cut off, leaving a smooth, even finish for all the inner ends of the button-holes and no projections or lumps.

This method is also much more economical, as there is a saving of the silk usually employed to finish the ends of the button-holes.

If desired, two or more cords may be used, and the stitching may be done in plain or ornamental colored silk or thread, so that a neat and durable exterior and interior finish is formed.

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

The combination, with a row of button-holes, of a cord extending along and adjoining the inner ends of all the holes, and having the gimp or binding-thread of each button-hole twisted with said cord and secured thereto, whereby such cord forms the finish of the inner ends of all the button-holes.

In witness whereof I hereunto set my hand.

LOO CHEW FAN.

Witnesses:

GEO. H. STRONG,

JNO. E. TOWNSEND.