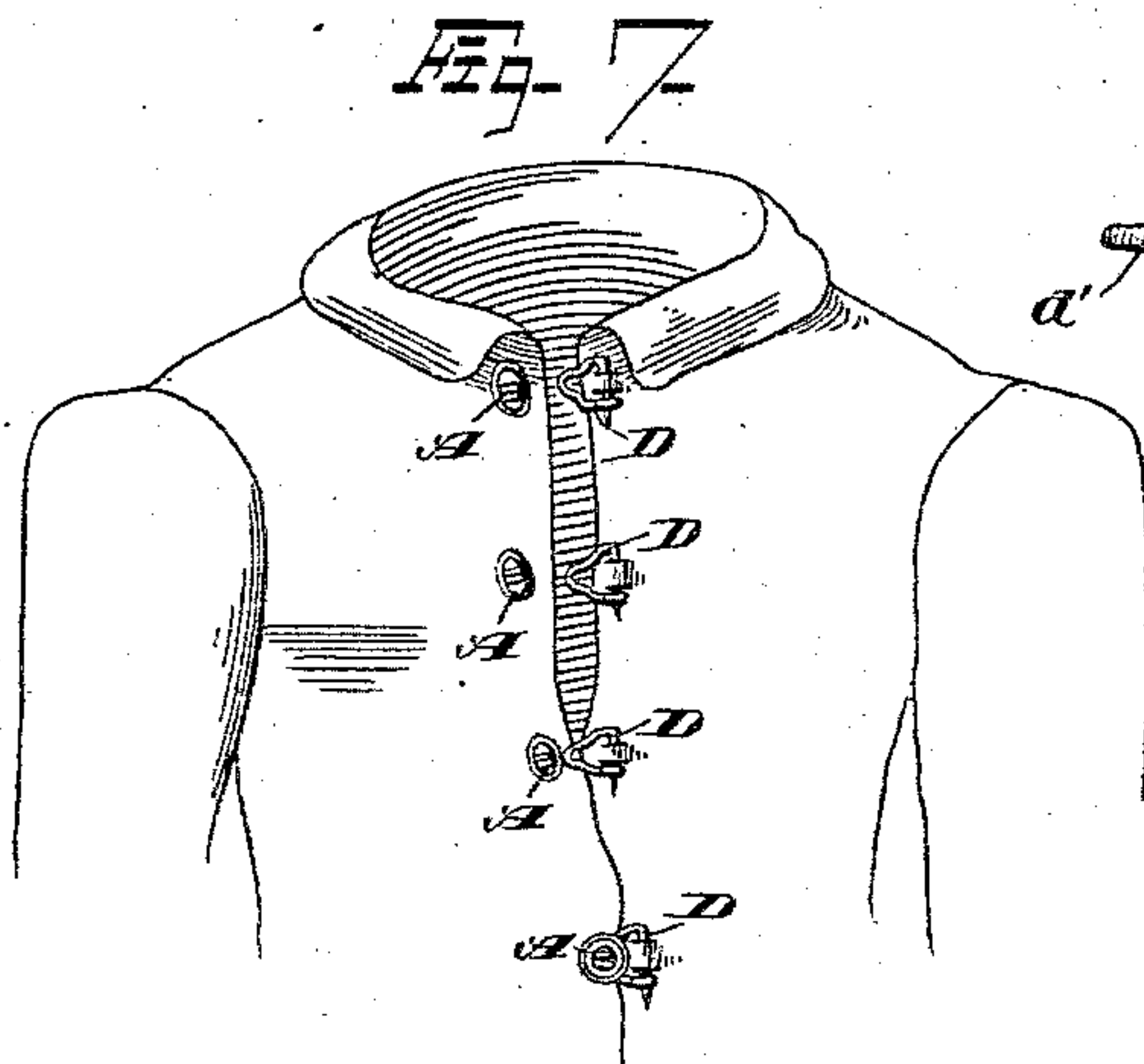
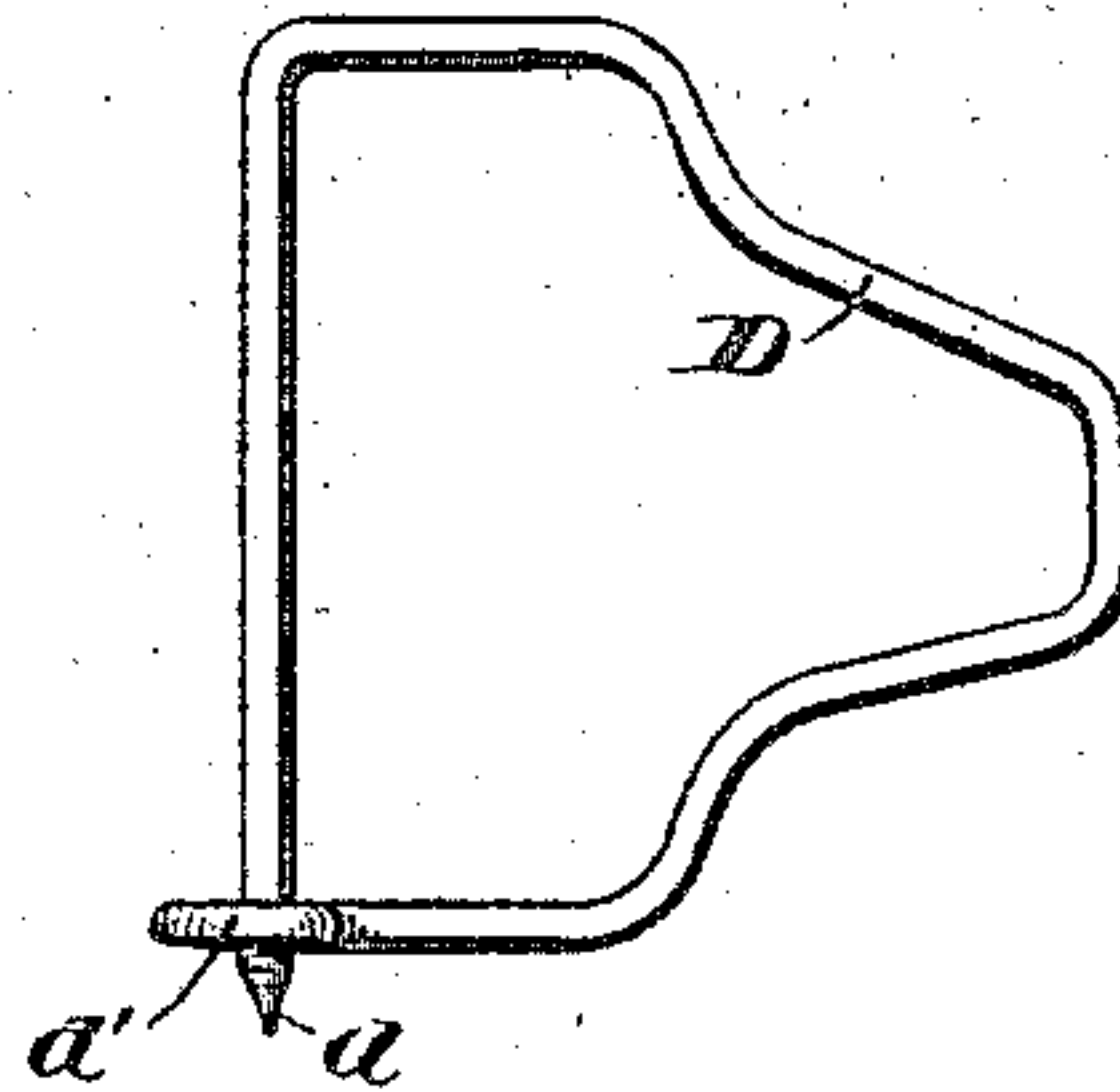
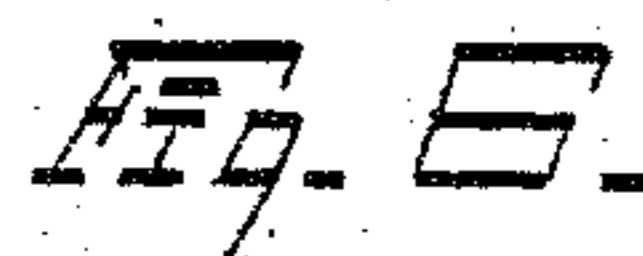
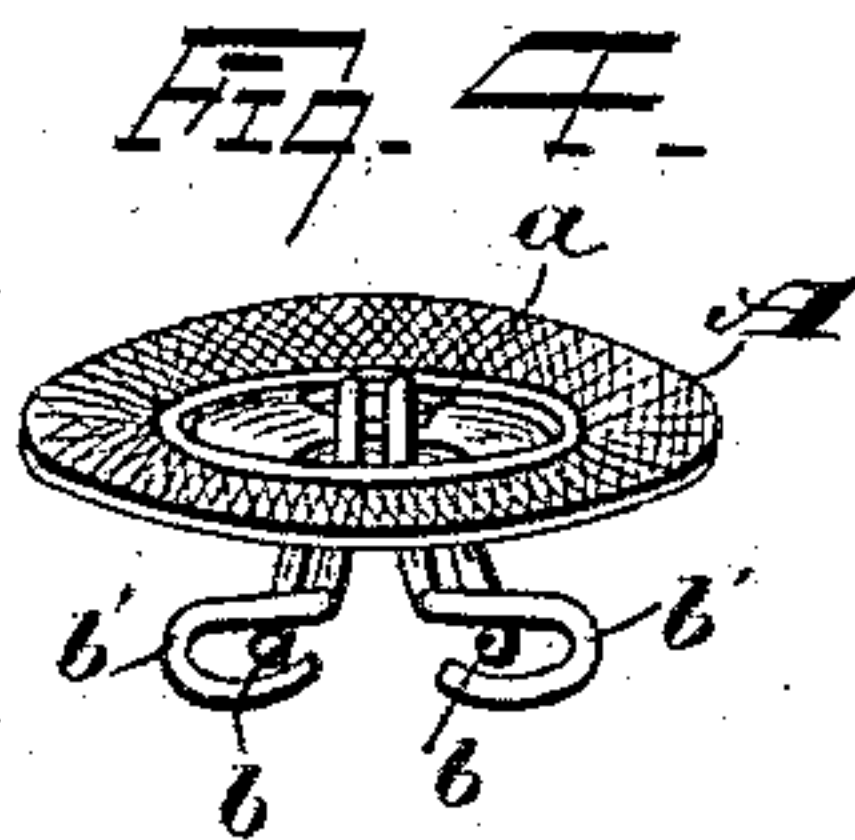
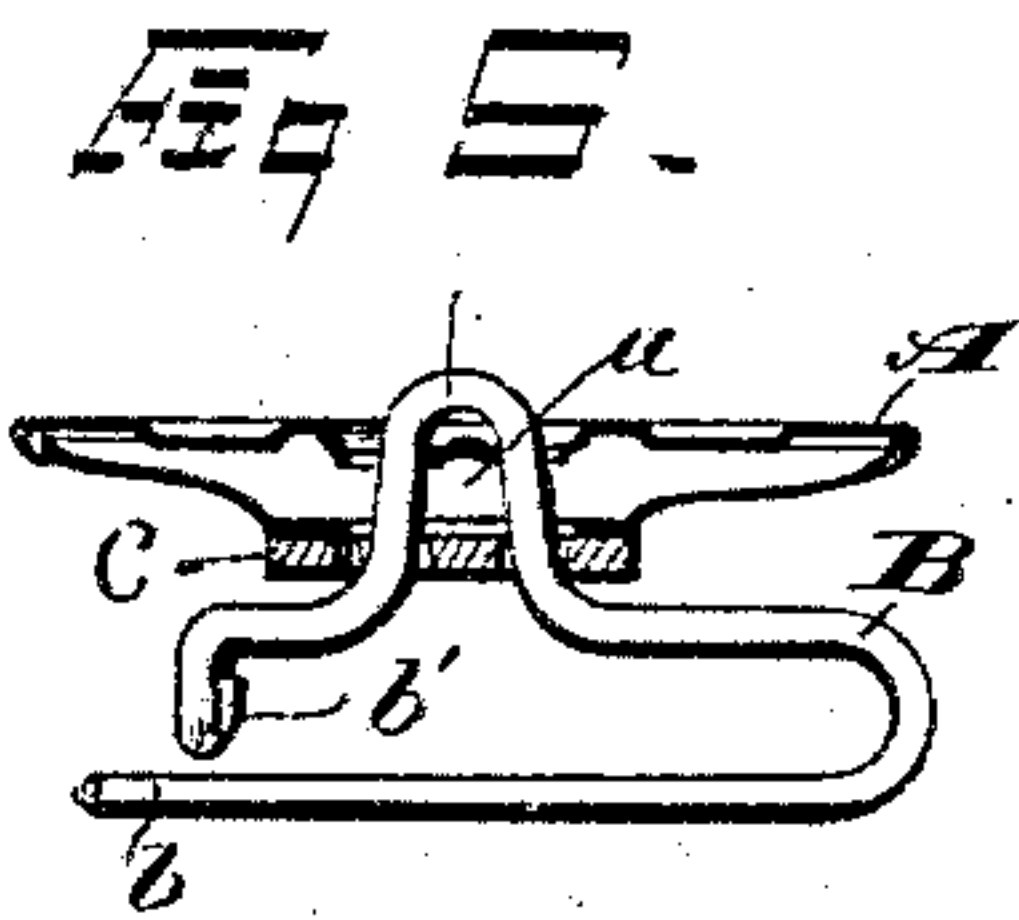
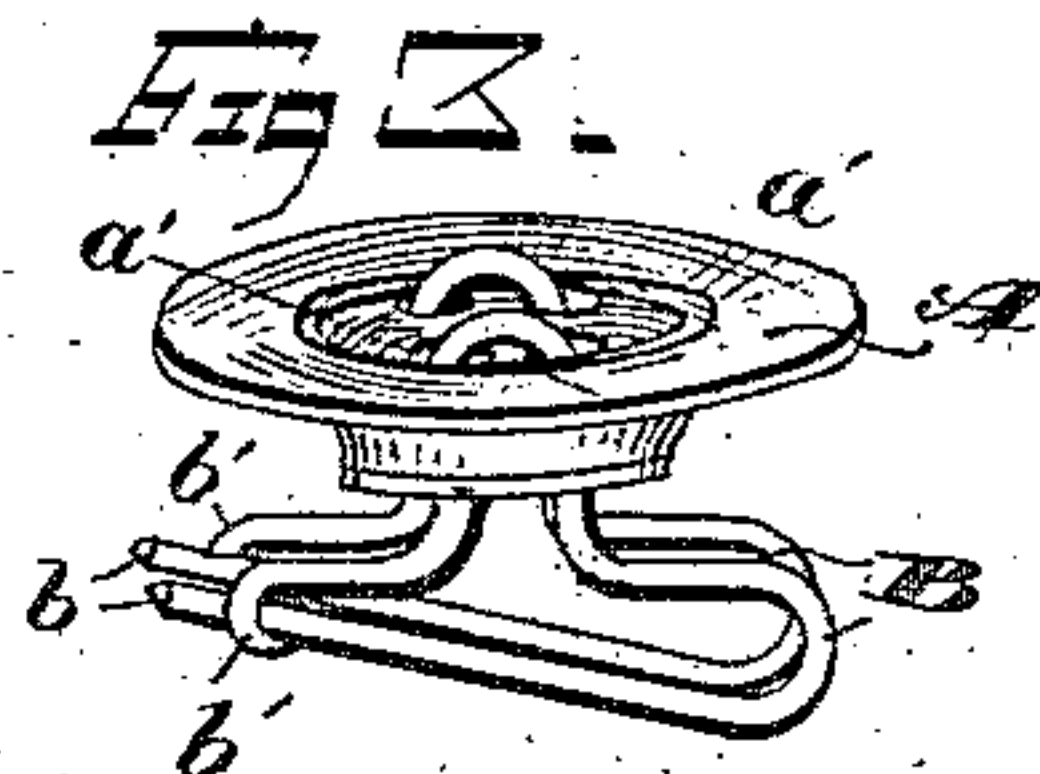
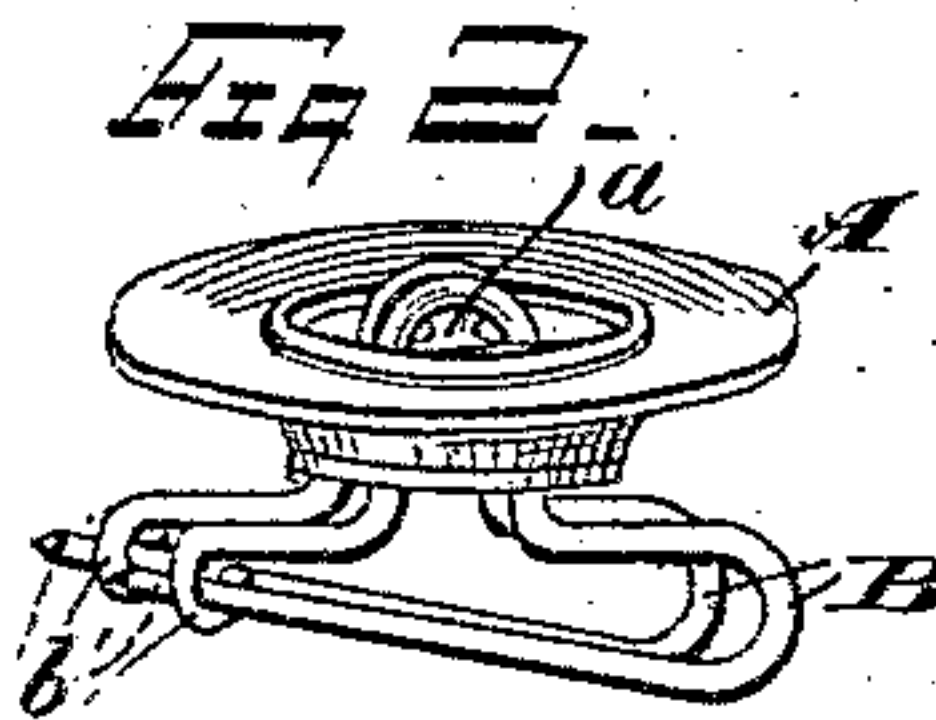
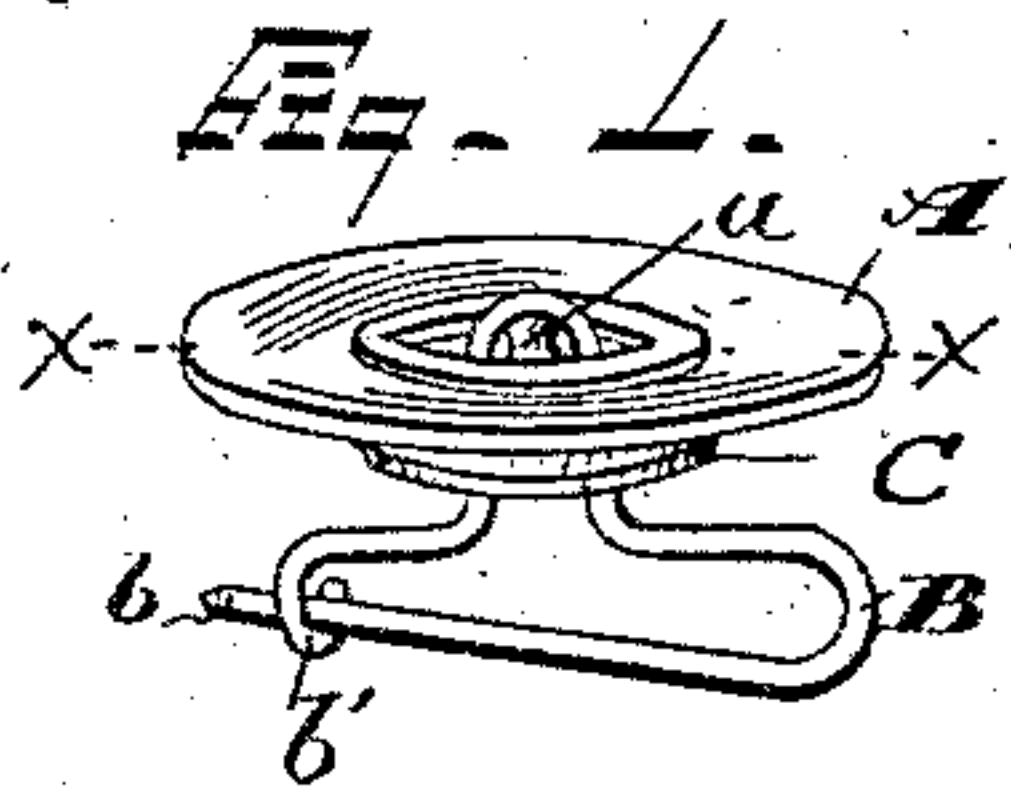


(No Model.)

J. RAMSAY.  
BUTTON FASTENER.

No. 339,467.

Patented Apr. 6, 1886.



WITNESSES

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*Geo. W. Henry*

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Attorneys



# UNITED STATES PATENT OFFICE.

JAMES RAMSAY, OF CLEVELAND, OHIO.

## BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 339,467, dated April 6, 1886.

Application filed December 15, 1885. Serial No. 185,737. (No model.)

*To all whom it may concern:*

Be it known that I, JAMES RAMSAY, of Cleveland, in the county of Cuyahoga and State of Ohio, have invented certain new and useful  
5 Improvements in Button-Fasteners; 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 pertains to make and use the same.

10 My invention relates to improvements in button-fasteners; and it consists in certain features of construction and in combination of parts hereinafter described, and pointed out in the claims.

15 In the accompanying drawings, Figure 1 is a view in perspective, showing a button with a single-wire fastener embodying my invention. Fig. 2 is a view in perspective, showing a double-wire fastener, both the single and  
20 double wires being bent around a cross-bar of the buttons. Fig. 3 shows a double-wire fastener in which the wires pass through holes or eyes in the button. Fig. 4 is the same as Fig. 2, except the button is turned in a different  
25 position to show more clearly the hooks. Fig. 5 is an elevation in section on the line *xx*, Fig. 1. Fig. 6 is a side elevation showing the device that engages the button in place of a button-hole. Fig. 7 is a view in perspective, show-  
30 ing my improved device attached to a garment.

A represents the button, that may be of the variety having a cross-bar, *a*, as shown in Figs. 1, 2, and 4, or having eyes *a'*, as shown in  
35 Fig. 3.

B are the wires forming the button-fastener. A single wire may be employed, as shown in Figs. 1 and 5, or two wires, as shown in Figs. 2, 3, and 4. A wire, B, is bent nearly double  
40 and the ends pressed down astride the bar *a* or through holes *a'*, as the case may be. A thin metal plate, C, is provided with holes for the passage of the ends of the wire or wires B. The wires after passing through the plate are  
45 bent sharply outward, so that the plate is held firmly against the bottom of the button, and at the same time the plate prevents any lateral strain on the button. As the holes of the plate fit the wire snugly, the latter are held  
50 firmly in place. Without the plate, the wire being usually much smaller than the eyes or

openings through the button, there would be nothing to hold the parts firmly together. The one end of said wire B is pointed, as at *b*, and the other end of the wire is bent to form the  
55 hook *b'*, so that these parts of the fastener resemble the ordinary safety-pin.

D is a loop of wire bent in the form shown in Fig. 6, one end of the wire being pointed at *d*, and the other end forming a hook, *d'*.  
60 This hook is secured to the cloth, as shown in Fig. 7, and furnishes a substitute for a button-hole. These devices are designed more especially for overalls, jackets, &c., that are worn principally for rough work, where but-  
65 tons may be torn off and button-holes torn out at any time.

Buttons with my improved fasteners attached, and loops that are substantially detachable button-holes, may be carried in the  
70 pocket and applied in a moment when wanted.

My improved button-fastener, I think, would be favorably considered by gentlemen, most of whom would rather carry one or two such  
75 slight articles in their pockets ready for use than endure the discomfort of walking in the streets with a suspender-button off.

What I claim is—

1. The combination, with a button, one or more wires passing through the eyes or astride  
8 the cross-bar of the button, said wires being bent as shown, having substantially the form of an ordinary safety-pin, of the loose plate C, perforated as described and located next be-  
8 low the button, said wires passing through the perforations of said plate, the parts being ar-  
ranged substantially as set forth.

2. The combination of a button, a perforated plate, wires passing over the bar of the button and through the button and plate, said wires  
9 formed into a loop, and an independent loop having a pointed end and hook arranged, substantially as described, for engaging the button in place of a button-hole.

In testimony whereof I sign this specification, in the presence of two witnesses, this 9th  
day of December, 1885.

JAMES RAMSAY.

Witnesses:

CHAS. H. DORER,  
ALBERT E. LYNCH.