(No Model.)

A. HALL.

BUTTON FASTENER.

No. 361,410. Patented Apr. 19, 1887.

Fig. 1.

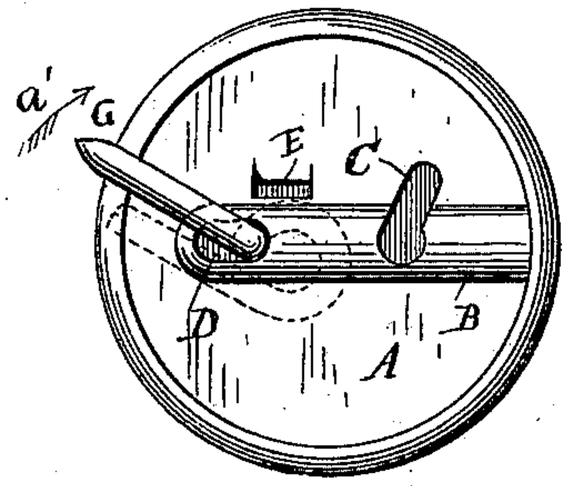


Fig. 2.

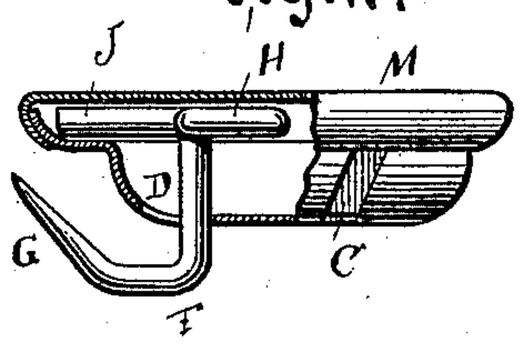


Fig. 3.

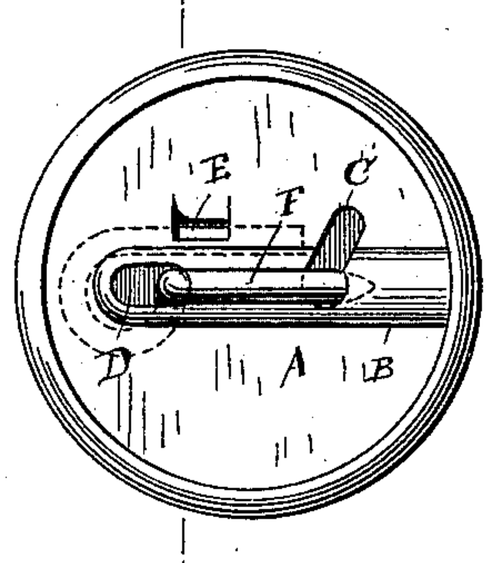


Fig. 4.

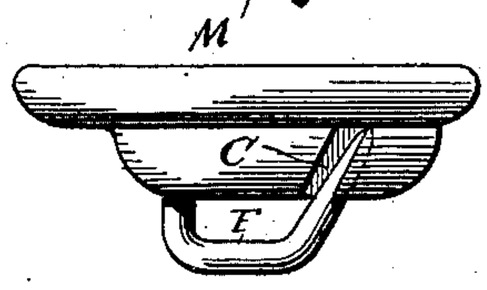
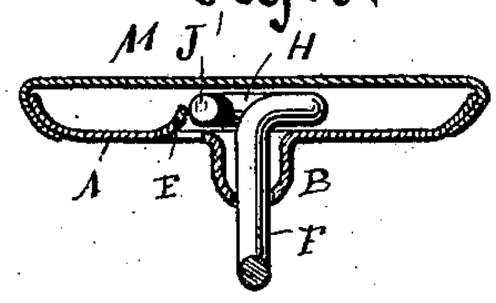


Fig. 5.



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ALBERT HALL, OF BROOKLYN, NEW YORK.

BUTTON-FASTENER.

SPECIFICATION forming part of Letters Patent No. 361,410, dated April 19, 1887.

Application filed June 25, 1886. Serial No. 206,214. (No model.)

To all whom it may concern:

Be it known that I, ALBERT HALL, of Brooklyn, in the county of Kings and State of New York, have invented certain new and useful Improvements in Button-Fasteners, of which the following is a specification.

The object of my invention is to provide a new and improved button-fastening, by means of which the button can be fastened to a garment or other article very rapidly, and is held securely and firmly.

The invention consists in the construction and combination of parts and details, which will be fully described and set forth hereinafter, and finally pointed out in the claim.

In the accompanying drawings, Figure 1 is a face view of the under side of my improved button. Fig. 2 is a cross-sectional view of the same open. Fig. 3 is a face view of the under side of the button closed. Fig. 4 is a side view of the button closed. Fig. 5 is a cross-sectional view of the button closed.

Similar letters of reference indicate corresponding parts.

The bottom plate, A, of the button, which bottom plate is slightly cup-shaped, is provided on its under side with a transverse hollow ridge, B, approximately U-shaped or V-shaped in cross-section. In one side of the said ridge B the slot C is formed at one end of the ridge only, part of the slot being formed in the bottom plate, A. In the opposite end of the hollow ridge B the aperture or slot D is formed adjacent to that side of the ridge B in which the slot C is formed. A spring-tongue, E, is formed in the bottom plate, A, by cutting two short parallel slits in the said bottom plate, the tongue projecting from the upper or inner surface of said bottom plate, the highest point of the spring-tongue being adjacent to the side of the hollow ridge.

The fastening-hook F has a point, G, at one end, and the other end is bent to form a loop, H, or a flat or straight part, J, parallel with the shank of the hook, but extended in opposite direction. The point G of the hook is passed through the slot or aperture D in such a manner that the pointed end of the hook will be at that side of the ridge provided with the slot C, the loop H and straight part J resting on the upper surface of the bottom plate. The top plate, M, is then placed on the bottom plate and fastened by springing the edges of the top plate over the bottom plate or any other devices. The hook can now be revolved in a direction parallel with the plane of the button, the flat part H J of the hook turning in the space between the top and bottom plates.

Before fastening the button the hook F is turned to the position shown in Figs. 1 and 2, or a position approximating thereto, and the pointed end of the hook is passed through the fabric and then swung in the direction of the arrow *a'*, Fig. 1, so that the point passes into the slot C. The flat part H J, which is between the top and bottom plates, also turns in the direction of the arrow, and the part J slides up the spring-tongue and over the same until it rests against the end of the tongue, as shown in Fig. 5, thereby locking the said straight part J in place, and thereby also locking the hook F in place with its point G in the slot C. The button is thus held securely on the garment and cannot become detached or loosened, as the spring-tongue prevents the straight part from turning in the inverse direction of the arrow *a'*.

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

The combination, with a hollow button having its bottom part provided with a hollow ridge having an aperture at one end and a slot on the other, of a spring-tongue formed in the bottom plate adjacent to the hollow ridge, and a fastening-hook having one end pointed, and provided at its opposite end with a flat bearing mounted to turn in the hollow of the button parallel with that face of the button that faces the cloth, substantially as shown and described.

In testimony that I claim the foregoing as my invention I have signed my name in presence of two subscribing witnesses.

ALBERT HALL.

Witnesses:
OSCAR F. GUNZ,
MARTIN PETRY.