

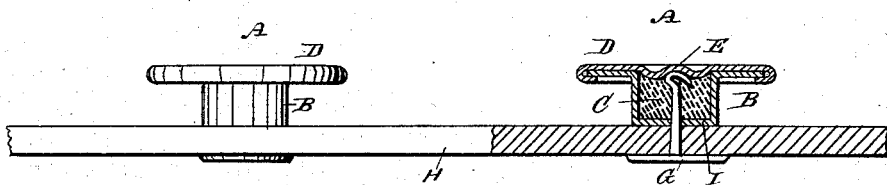
(No Model.)

A. HALL.  
BUTTON FASTENING.

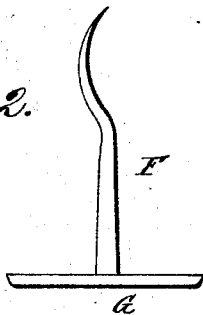
No. 274,316.

Patented Mar. 20, 1883.

*Fig. 1.*



*Fig. 2.*



WITNESSES:

*Theo. G. Norton*  
*L. Sedgwick*

INVENTOR:

*A. Hall*  
BY *Munn & Co*

ATTORNEYS.

# UNITED STATES PATENT OFFICE.

ALBERT HALL, OF CYPRESS HILL, NEW YORK.

## BUTTON-FASTENING.

SPECIFICATION forming part of Letters Patent No. 274,316, dated March 20, 1883.

Application filed September 19, 1882. (No model.)

*To all whom it may concern:*

Be it known that I, ALBERT HALL, of Cypress Hill, Kings county, New York, have invented a new and Improved Button-Fastening, of which the following is a full, clear, and exact description.

The object of my invention is to facilitate the fastening of buttons to garments, shoes, and other articles.

The invention consists in the combination, with a button having a tubular shank filled with some yielding material, of a rivet which is passed through the fabric or material to which the button is to be secured, and through the yielding material in the shank of the button. The free end of the shank of the rivet, which is tapered and curved, strikes against the inner surface of a conical projection in the top of the button, and is thereby clinched between the top of the button and the upper end of the filling in the shank.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in both figures.

Figure 1 is an elevation of two buttons secured to a piece of fabric by my improved fastening, one of which is shown in section; and Fig. 2 is a side view of the rivet used in my improved fastening.

The button A is provided with a tubular shank, B, closed by a bottom, I, which is provided with a central aperture. The said shank is filled with leather, wood, or some other suitable yielding material, C. The top D of the button is preferably secured on the same before the button is fastened to the material. The said top is provided at the middle with an annular depression, which forms a central conical projection, E, in the top D, which projection, however, does not project above the plane of the button-top.

A rivet, F, provided with a flat head, G, has the upper or free end of its shank tapered or filed down, so that it will be thinner and flatter than the lower part, and the said upper part of the rivet-shank is also slightly bent or curved, as shown in Fig. 2.

To secure the button to the material H the lower end of the shank B is placed on the material, and the shank of the rivet F is passed through the material from the inside, and through the aperture in the bottom I of the shank B into the material C, through which it passes. The end of the shank of the rivet, after passing through the material C, strikes against the concave inner surface of the conical projection E, whereby the end of the rivet-shank will be bent over and clinched, and will form a cross-piece between the inner end of the filling C and the top D, as shown in Fig. 1, whereby the rivet will hold the button to the material H very firmly and securely.

By means of the above-described fastening buttons can be secured very rapidly and easily, the material is not torn, and the fastening is very simple.

It is of great importance to have the end of the shank of the rivet F made thinner, so that the said shank can be clinched within the button more readily.

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

The combination, with the button A, provided with a shank, B, having an apertured bottom, I, and a top, D, of the filling material C in the shank, and a rivet, F, having the free end of its shank flattened and curved, substantially as herein shown and described, and for the purpose set forth.

ALBERT HALL.

Witnesses:

OSCAR F. GUNZ,  
C. SEDGWICK.