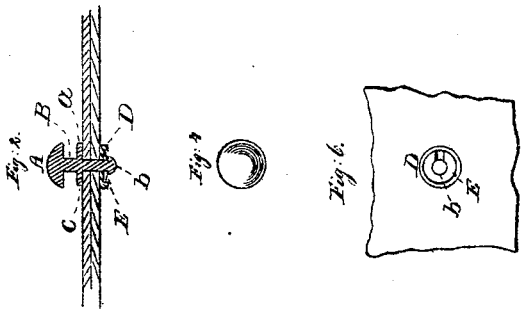
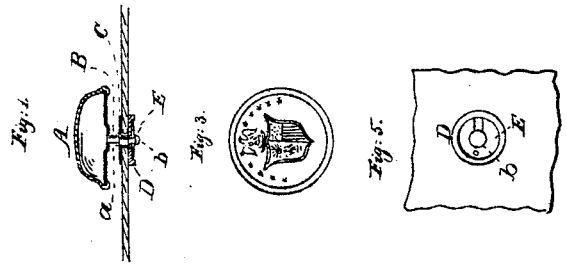
J. F. Wild.

Button.

No. 46,840. Patented. Mar. 14. 1865.





Witnesses:

M. M. Livingston

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Inventor:

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UNITED STATES PATENT OFFICE.

J. F. WILD, OF NEW YORK, N. Y.

IMPROVEMENT IN BUTTONS.

Specification forming part of Letters Patent No. **46,840**, dated March 14, 1865.

To all whom it may concern:

Be it known that I, J. F. WILD, of No. 561 Broadway, in the city, county, and State of New York, have invented a new and useful Improvement in Buttons; and I do hereby declare that the following is a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figures 1 and 2 are side sectional elevations of buttons showing my improvement; Figs. 3 and 4, plan views thereof; Fig. 5, plan of the under side of fastening-disk; Fig. 6, plan of the same.

Similar letters of reference indicate corresponding parts.

The object of this invention is to attach buttons to cloth in a very quick and firm manner without the use of sewing; also to facilitate the removal of the buttons from the cloth.

The improvement is applicable to almost every variety of material of which buttons are or can be made.

I provide the back of the button A with a cylindrical shank or pin, B, which projects from the back of the button, as shown. The shank B is passed through an aperture in the cloth, and the latter rests against the back of the button.

When it is desirable to have the button stand out from the cloth, so that thick cloths, for example, may be readily buttoned, I make a shoulder, *a*, upon the shank B, and then slip a disk, C, upon the shank, causing it to rest against the shoulder *a*, as shown. When the shank is now passed through the cloth, the latter will rest against the face of the disk C, as shown.

The disk C may, if preferable, be formed upon the shank in one piece therewith; or the disk C may be attached fixedly to the shank.

The extremity of the shank B is made with a head, *b*, as shown, and after the shank has been passed through the cloth I slip another disk, D, upon the shank, so that the cloth will be interposed and clamped either between the back of the button or the disk C and the fastening-disk D, as shown. I now hold or clamp the cloth between the surfaces just mentioned by slipping upon the shank B the slotted edges of the spring-disk E. The head *b* being larger than the slot in the disk E, the edges of the slot will catch under the sides of the head, and the button will be firmly held upon the cloth.

To remove the button, it is only necessary to take off the spring-disk E, when all the parts may be separated. The disk E is made slightly concave, so that it will spring or yield a little under the pressure of the head *b* when the parts are in contact.

In order to keep the disk E in its proper place, or prevent it, under any rough or violent straining upon the button, from becoming displaced, I make the disk D with its edges slightly turned up, as shown, so as to form a disk in which the disk E is received. The edges thus made will always keep the disk E in place.

I do not confine myself to any particular size or form of shank, shoulder, head, or disk. They may be made either round, square, or of other form at pleasure.

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

1. The disks D E and shank B, for fastening buttons, substantially as herein shown and described.

2. The use of the disk C in combination with the above parts, substantially as and for the purpose herein shown and described.

J. F. WILD.

Witnesses:

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