

C. E. S. GEDERÉN.
Buttons and Studs.

No. 206,103.

Patented July 16, 1878.

Fig. 1.

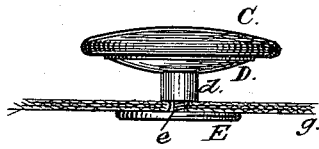


Fig. 4.

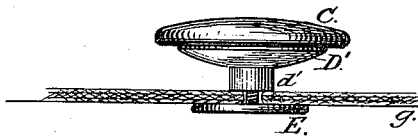


Fig. 2.

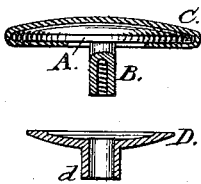


Fig. 5.

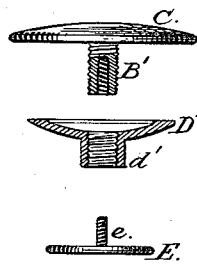
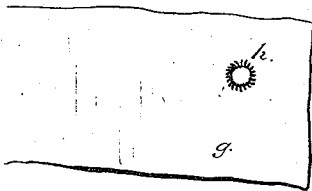


Fig. 3.



Attest
W. L. Perrine,
T. C. Brecht,

Carl E. S. Gederén.
Inventor.
By James L. Norris,
Atty

UNITED STATES PATENT OFFICE.

CARL E. S. GEDERÉN, OF PHILADELPHIA, PENNSYLVANIA.

IMPROVEMENT IN BUTTONS AND STUDS.

Specification forming part of Letters Patent No. 206,103, dated July 16, 1878; application filed April 29, 1878.

To all whom it may concern:

Be it known that I, CARL E. S. GEDERÉN, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented certain new and useful Improvements in Buttons, Shirt-Studs, &c., of which the following is a specification:

This invention relates to certain improvements in buttons, shirt-studs, and other like articles; and it has for its object to provide a means for readily securing a covering to the head of the button, and to provide for securing the button to the fabric to which it is to be attached without sewing.

In the accompanying drawings, Figure 1 represents a view of my invention, showing the head of the button in elevation, and the shank and its connection in section. Fig. 2 represents a view of the parts of the button and the fabric detached. Fig. 3 shows the fabric with an aperture or eyelet prepared for the reception of the shank of the lower disk of the button. Fig. 4 represents a modified form of my improved button attached to the cloth. Fig. 5 represents a view of the parts of the same detached.

The letter A indicates the top disk of the button, and B is a hollow shank, projecting centrally therefrom and having an internal screw-thread.

C designates the cloth covering of the top disk, and D is a slightly-dished clamping-disk, which sets against the under side of the top disk, and has a sleeve, *d*, projecting from its concave side, which sleeve fits over the shank of the said top disk.

E is the bottom, or fastening-disk of the bottom. This disk has a centrally-projecting screw-threaded stem, *e*, which engages with the internal thread of the shank of the top disk.

The contour of the top surface of the complete button may be governed by the shape of a filling-piece, which may be placed between the cloth covering and the top disk. This filling-piece may, however, be omitted, and the upper surface of the disk given the form which it is desired the button shall have.

In placing together the several parts of the

button, a piece of cloth of the desired color and texture is selected, and trimmed to such size and shape that it may cover the top disk and filling-piece, if such filling-piece be used, and when folded snugly under the top disk its edges will reach nearly to the central shank thereof.

When the cloth has been thus placed in position, the sleeve *d* of the clamping-disk D is placed upon the shank B, and the clamping-disk is then forced up so that its edge will press upon the cloth. The lower ends of the sleeve *d* and shank B, the former projecting slightly beyond the latter, are then placed upon the fabric to which the button is to be secured, so as to cover the aperture or eyelet *h* in the cloth *g*. The screw-threaded stem *e* of the disk E is then passed through the aperture or eyelet from the opposite side of the fabric, engaged with the internal thread of the shank B and screwed up tightly, so that the fabric will be caught between the upper surface of disk E and the end of sleeve *d*, and the clamping-disk D will be forced firmly against the portion of the disk-covering C which is folded under the top disk. The button is then complete and in position for use, and it will be readily perceived that whenever the cloth covering becomes worn it may be easily replaced by detaching the parts of the button and assembling them as before; or the button may be readily transferred from one garment to another, and the covering changed to correspond with the fabric.

In the modification shown in Figs. 4 and 5, the shank B' of the top disk is formed with an external as well as an internal screw-thread, and the sleeve *d'* of the clamping-disk D' has an internal thread, which engages with the external thread of said shank, so that when the cloth covering is placed upon and folded under the top disk the sleeve *d'* may be screwed up and cause the clamping-disk D' to clamp said covering and hold it firmly in place independently of the attachment of the button to a garment.

What I claim is—

In combination with the top disk, having

projecting screw-threaded shank, and with the bottom disk, provided with a screw-threaded stem, the intermediate detachable cover-clamping disk, constructed with a projecting sleeve, which forms a bearing upon which to button an article, and which surrounds the shank of the top disk, substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of the subscribing witnesses.

C. E. S. GEDERÉT.

Witnesses:

JAMES L. NORRIS,
J. A. RUTHERFORD.