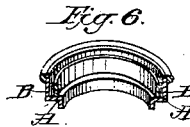
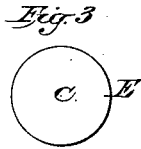
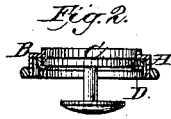
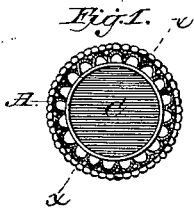


J. W. & I. M. MILLER.
Buttons and Studs.

No. 206,471.

Patented July 30, 1878.



Witnesses:

Oswell Smith.
Chas. B. Brown.

Inventor:

James W. Miller.
Irene M. Miller.

UNITED STATES PATENT OFFICE.

JAMES W. MILLER, OF NEWARK, AND ISAAC M. MILLER, OF ORANGE,
NEW JERSEY.

IMPROVEMENT IN BUTTONS AND STUDS.

Specification forming part of Letters Patent No. **206,471**, dated July 30, 1878; application filed
May 10, 1878.

To all whom it may concern:

Be it known that we, JAMES W. MILLER, of Newark, Essex county, and ISAAC M. MILLER, of Orange, Essex county, State of New Jersey, have invented new and useful Improvements in the Manufacturing of Sleeve-Buttons and Studs; and we hereby declare that the following is a true and exact description of our invention, which will enable others to make and use the same, reference being had to the accompanying drawings, forming a part of this specification, and to the letters and figures of reference marked thereon.

The object of our invention is to construct a button in such a manner as to facilitate the putting together of the several pieces of which the button or stud is composed, the details of which will be hereinafter fully set forth.

Referring to the drawings, Figure I is a face view of an improved sleeve-button, representing the parts assembled. Fig. II is a vertical sectional view. Fig. III is a top view of the center plate. Fig. IV is an inverted view of the outer rim or border. Fig. V is a view of the inner rim or border to the center plate. Fig. VI is a sectional inverted view of the outer and inner rims combined.

A represents the outer rim or border. B represents the inner rim or border. C represents the center plate, which is connected by a stem to a lower disk. D represents the edge

of the inner rim, B, which, when turned over, secures the center plate, C. E represents the edge of the center plate, C, over which is turned the edge D of the inner rim, B.

The outer rim or border, A, Fig. IV, and inner rim or border, B, Fig. V, are soldered together, as shown in Figs. II and VI. The center plate, C, is then placed in position. (See Fig. II.) Then, with proper tools, the edge D of the inner rim, B, is turned over the edge E of the center plate C, thus firmly securing all the parts together.

By this arrangement the center plate, C, may be made of inferior metal to the Etruscan-colored gold rims or borders A and B, thereby increasing the strength and decreasing the cost of manufacturing the article.

We claim—

A button consisting of the annular part A, to which is secured an inner rim or flange, B, in combination with a stud having a disk secured to each end thereof, the inner rim or flange being adapted to be upset over the upper of the two disks, to unite the parts which form the button, substantially as set forth.

JAMES W. MILLER.
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Witnesses:

LUCIUS W. HOW,
ORVILLE T. SMITH.