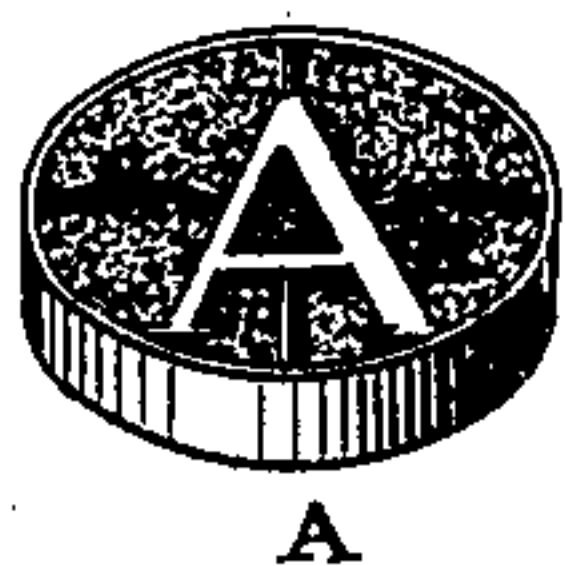


W. A. L. MILLER.
Buttons, &c.

No. 199,850.

Patented Jan. 29, 1878.



Witnesses

Geo. H. Strong
Jno. L. Boone

Inventor

Wm. A. L. Miller
By his atty's
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UNITED STATES PATENT OFFICE.

WILLIAM A. L. MILLER, OF SAN FRANCISCO, CALIFORNIA.

IMPROVEMENT IN BUTTONS, &c.

Specification forming part of Letters Patent No. **199,850**, dated January 29, 1878; application filed December 19, 1877.

To all whom it may concern:

Be it known that I, WILLIAM A. L. MILLER, of the city and county of San Francisco, and State of California, have invented Improvements in Jewelry, of which the following specification is a full, clear, and exact description, reference being had to the accompanying drawing.

The figure is a view of my invention.

My invention relates to that class of jewelry which is known as "cabinet jewelry," and has reference more especially to buttons and studs.

It consists in arranging a button-shell with vertical bars, so as to form divisions or chambers for receiving and containing particles of ore or other granulated material.

Referring to the accompanying drawing, A represents a button, stud, or other article of cabinet jewelry.

In manufacturing this article of jewelry I form a shell, A, with a glass or transparent face, and secure it to the partitions C, which separate the particles of the different kinds of ore, so that when the cavities between the

partitions are filled with the particles a letter or character which may be placed within the glass will be surrounded and have the appearance of being embedded in the particles.

The transparent cover over the whole leaves the face of the letter or character exposed through the cover or face surrounded, as above described, by the different kinds and colors of the particles.

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

A button or analogous article provided with the shell A, having a glass face and internal vertical bars, forming divided chambers, which are adapted to receive granulated material, substantially as shown and described.

In witness whereof I have hereunto set my hand and seal.

WILLIAM A. L. MILLER. [L. S.]

Witnesses:

FRANK A. BROOKS,
WALTER C. BEATIE.