(No Model.)

A. H. NOBLE.

Composition Buttons.

No. 234,322. Patented Nov. 9, 1880.

Fig. 1

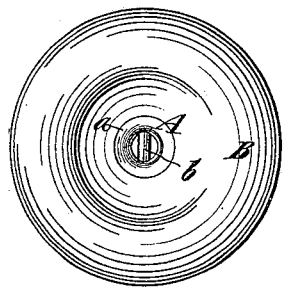
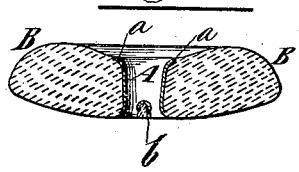


Fig. 2.



Witnesses:-

Louis M. Whitehead.

Fred'k Haynes

Inventor:-

Alfred H. Noble

by his Attorneys

Brown & Brown

UNITED STATES PATENT OFFICE.

ALFRED H. NOBLE, OF NEW MILFORD, CONNECTICUT, ASSIGNOR TO NOBLE BROTHERS, OF SAME PLACE.

COMPOSITION BUTTON.

SPECIFICATION forming part of Letters Patent No. 234,322, dated November 9, 1880.

Application filed September 24, 1880. (No model.)

To all whom it may concern:

Be it known that I, ALFRED H. NOBLE, of New Milford, in the county of Litchfield and State of Connecticut, have invented a certain new and useful Improvement in Composition Buttons, of which the following is a specification.

My invention relates to the manner of forming the eyes of composition buttons; and it consists in a button composed of a metal eyelet having at one end a cross-bar and a mass of plastic material pressed around said eyelet, whereby I produce a button of neat appearance, having a strong eye which is not likely to cut the thread.

In the accompanying drawings, Figure 1 represents a face view of a button made according to my invention, and Fig. 2 represents a transverse section thereof.

Similar letters of reference designate corresponding parts in both figures.

A designates the eyelet which forms the eye of the button. Upon one end this eyelet, preferably, has the usual flaring flange *a*, and upon the other end it has a cross-bar, *b*, which is preferably of curved or inverted-U shape in transverse section, as shown in Fig. 2, to increase its strength, and also to make a smooth round surface for the thread.

These eyelets may be gilded, lacquered, or finished in any desirable way to enhance the appearance of the button.

The body of the button is composed of a mass, B, of composition of any desirable character, which is pressed tightly upon the eyelet A, embedding it and holding it firmly therein. As represented in Fig. 2, the composition hides the eyelet upon the back of the button, and thus prevents the eyelet and its cross-bar from wearing the dress or other article to which the button is secured, as they might do if they have rough edges.

In making these buttons I employ a two-part mold, one part of which gives form to the back and the other part to the front of the button.

Projecting from the part of the mold which gives form to the front of the button is a pin or stud which projects nearly across the cavity in the mold, and upon the end of this pin or stud the eyelet is placed with its flange down. The mold is then filled with the composition and a powerful pressure applied to cause the composition to tightly fill all parts of the mold and to embed the eyelet firmly in the composition.

After being taken from the mold the buttons may be finished in any desirable way.

What I claim as my invention, and desire to secure by Letters Patent, is—

1. A button composed of a metal eyelet having a cross-bar at one end and a mass of plastic composition or material pressed around said eyelet, substantially as and for the purpose specified.

2. A button composed of a metal eyelet having an outwardly-flaring flange at one end, a cross-bar at the other end, and a mass of plastic composition or material pressed around said eyelet, substantially as specified.

ALFRED H. NOBLE.

Witnesses:

JOHN M. BENEDICT,

EBENEZER PLACKETT.