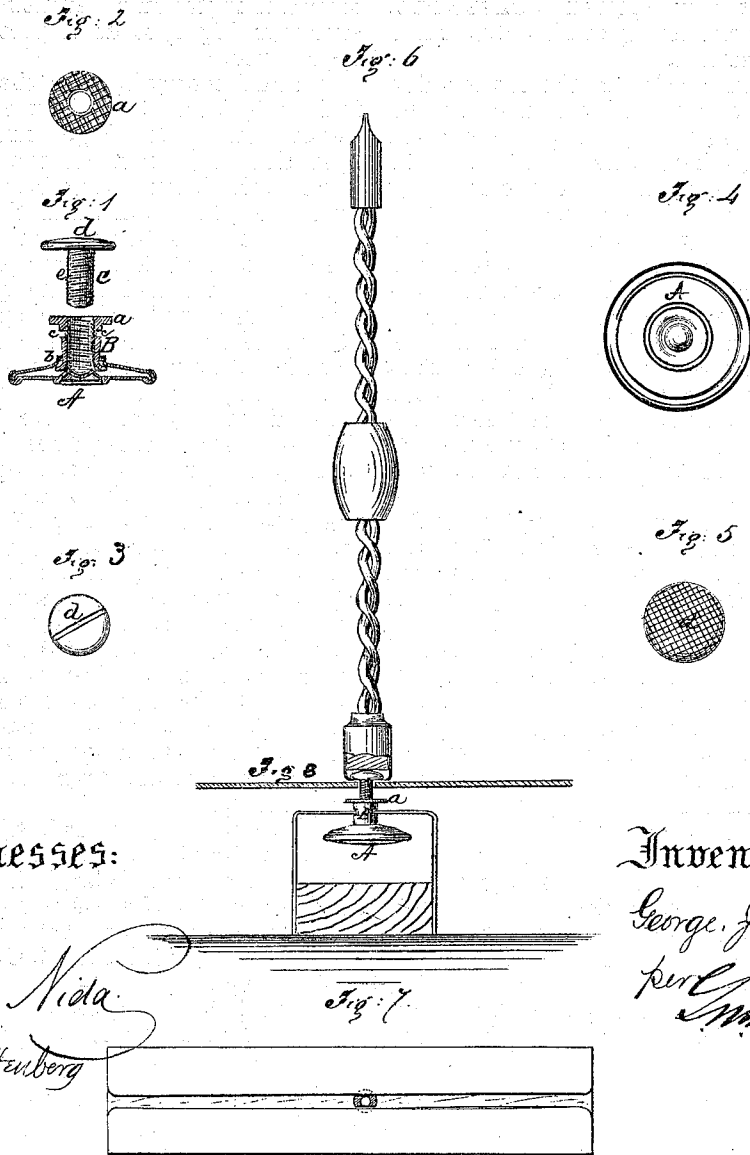


G. J. CAPEWELL.

Buttons.

No. 128,949.

Patented July 16, 1872.



Witnesses:

*Mas. Nida*  
*H. L. Mattenborg*

Inventor:

*George J. Capewell*  
*per* *W. H. [unclear]*  
*Atty*

# UNITED STATES PATENT OFFICE.

GEORGE J. CAPEWELL, OF CHESHIRE, CONNECTICUT.

## IMPROVEMENT IN BUTTONS.

Specification forming part of Letters Patent No. 128,949, dated July 16, 1872.

Specification describing an Improvement in Buttons, invented by GEORGE J. CAPEWELL, of Cheshire, in the county of New Haven and State of Connecticut.

This invention consists in the combination of a revolving button-head with a shank and with means for preventing the wobbling of the button-head, as hereinafter more fully described, the face of the button completely covering the end of the shank.

In the accompanying drawing, Figure 1 is a longitudinal central section of the shank and button-head, and a side view of the fastening-screw. Fig. 2 is a face view of the inner end of the shank. Fig. 3 is a plan view of the head of the screw. Fig. 4 is a front view of the button-head. Fig. 5 shows a screw-head so made as to represent some textile fabric. Figs. 6, 7, and 8 show a method of applying the buttons, and the means used for that purpose.

Referring to the drawing, in which similar letters of reference indicate like parts in the several figures, A represents a button-head made, by preference, of metal, in any suitable form, fitted to a shank, B, so as to be capable of revolution thereon, and made to entirely conceal the end of the shank. On the end of the shank is formed or fitted a collar or shoulder, *b*, which supports the head A, as shown, and prevents its wobbling or revolving out of a plane at right angles to the shank. The shank B is hollow, and it is internally threaded, to receive the fastening-screw C. On the inner end of the shank a flange, *a*, is formed as a bearing surface, to render the shank rigid when applied. The outer surface of this flange *a* is roughened, as shown clearly in Fig. 2, to make the hold on the cloth firmer, when the fastening-screw is tightened to its place. The head *d* of the screw C may be plain, and provided with the usual groove, as in Fig. 3, or

it may be stamped, or have its face otherwise formed in imitation of textile fabric, as represented in Fig. 5, so as to present a finished appearance.

In attaching my buttons the means shown in Figs. 6, 7, and 8 may be used. These consist of a sort of box, Fig. 7, provided with an open slot which receives the shanks of the buttons, the latter being formed with indentations, *c c*, Fig. 1, in which the edges of the metal enter, and thus prevent the turning of the shank. The cloth or garment, Fig. 8, having been perforated for the passage of the screw C, is now placed in the position shown, and the screw having been inserted, as represented, is driven to its place by the device illustrated by Fig. 6.

The advantages of my invention are, that a light and neat button-head is produced, which entirely conceals the fastening devices, and revolves on the shank without wobbling, thus preventing both twisting of the head and loosening of the screw attachment.

I am aware that the combination of a revolving button-head and screw-shank is not new, the head having been made, in some cases, to cover the end of the shank, while, in other instances, the fastening-screw passes through the head; therefore I do not claim this combination, broadly; but

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

A revolving button-head, A, made substantially as described, in combination with the shank B, having a collar, *b*, for confining the revolutions of the head A to a plane at a right angle to the shank, as set forth.

GEORGE J. CAPEWELL.

Witnesses:

H. L. WATTENBERG,  
G. M. PLYMPTON.