

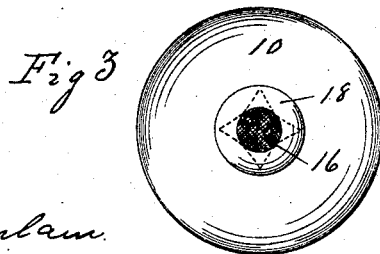
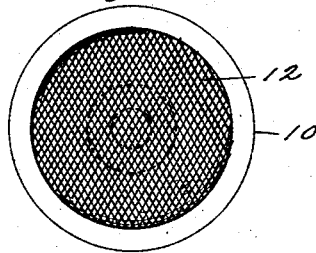
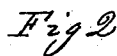
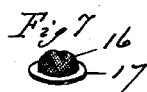
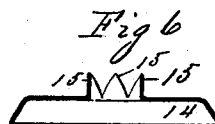
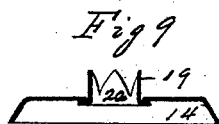
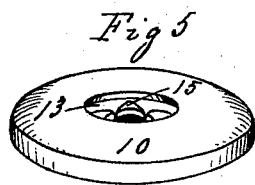
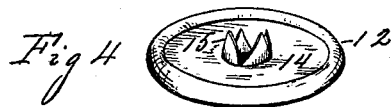
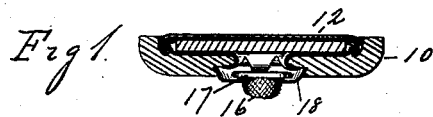
(No Model.)

N. C. NEWELL.

BUTTON.

No. 347,633.

Patented Aug. 17, 1886.



Witnesses  
G. M. Chamberlain.  
Wm. H. Chapin

Inventor.  
Nelson C. Newell  
By Chapin & Co.  
"Atty."

# UNITED STATES PATENT OFFICE.

NELSON C. NEWELL, OF SPRINGFIELD, MASSACHUSETTS.

## BUTTON.

SPECIFICATION forming part of Letters Patent No. 347,633, dated August 17, 1886.

Application filed June 7, 1886. Serial No. 204,314. (No model.)

*To all whom it may concern:*

Be it known that I, NELSON C. NEWELL, a citizen of the United States, residing at Springfield, in the county of Hampden and State of Massachusetts, have invented new and useful Improvements in Buttons, of which the following is a specification.

This invention relates to buttons, the object being to provide an improved button having a rigid back and border, a cloth face set within the latter, and a flexible shank; and the invention consists in the peculiar construction and arrangement of the parts of the button, as hereinafter fully described, and set forth in the claims.

In the drawings forming part of this specification, Figure 1 is a transverse section showing the shank in side elevation. Fig. 2 is a face view, and Fig. 3 a rear view, of a button constructed according to my invention. Fig. 4 is a rear perspective view of the complete cloth-faced center portion of the button. Fig. 5 is a rear perspective view of the body of the button having no shank attached thereto. Fig. 6 is a transverse sectional view of the metal back of the said cloth-faced center portion of the button shown in Fig. 4. Figs. 7 and 8 are respectively the flexible shank of the button and the washer by which it is secured to the said rigid back. Fig. 9 illustrates a modified construction of the said metal back, Fig. 6, hereinafter fully described.

In the drawings, 10 indicates the rigid back and border of the button, in which is set the cloth face 12, said back being made of ivory, natural or vegetable, hard rubber or any of the well-known various plastic compounds resembling the latter, or metal, wood, or glass, and having a cup-shaped face, as shown, a central circular perforation, and a circular recess, 13, in the rear side thereof, having its borders undercut or of dovetail shape in cross-section, as shown.

The center piece, 12, Fig. 4, is substantially a cloth-faced button of ordinary construction, excepting that it has no shank; but in place of the latter the metal back thereof, 14, has formed thereon, integral therewith, by punching, the triangular spurs 15, two or more, four being shown in the drawings. Said spurs, when said center piece, 12, is put into the recess in the face of the back 10 of the button,

pass through the central opening in said back, and then stand therein in the position shown in Fig. 4. A proper tool is then applied between said spurs, whereby they are bent outwardly and turned over against the bottom of the recess 13 in the rear side of the back 10, as shown in Figs. 5 and 1, and thereby said center piece is firmly secured in the face of the back 10 in the position shown in Figs. 1 and 2. Fig. 3 shows in dotted lines, looking at the rear side of the complete button, the position of said spurs after they have been bent outward and clinched onto the back 10, as above described.

The shank 16 of the button is made from the ordinary coarse, strong, textile material, and is attached to a metallic plate and ring, 17, in substantially the manner shown and described in Patent No. 229,196, of June 22, 1880, and said shank is secured to the button-back 10 by placing the concavo-convex washer 18 over said shank, letting the latter pass through said washer, as shown in Fig. 1, and the latter is then placed in the recess 13 in said back, and by suitable compression upon the washer around the shank the washer is spread so as to forcibly engage its borders in the undercut edges of the recess 13, thereby firmly securing the shank to the button, as shown in Fig. 1. As aforesaid, Fig. 9 illustrates the back of said cloth-faced button or center piece of a modified construction, in that the spurs 19 shown thereon are a part of an eyelet, 20, which is placed through a central perforation in said back, thereby forming a fastening adapted to perform the same function as the spurs 15 when made integral with said back, as shown in Figs. 4 and 6; but the more economical construction is that shown in the last-named figures.

The above-described manner of constructing a button having a back and border, as described, and a flexible shank secured thereto, provides convenient means for making buttons having a great variety of ornamental features, owing to the fact that within the recess in the face of the back 10 may be secured a center piece of any desired color, and, as above set forth, the back itself may be made of such a variety of different materials that many desirable ornamental combinations of colors may

be brought together in a button thus constructed.

What I claim as my invention is—

1. A button consisting of a back, 10, having  
5 a recess in its face and rear side, and a central  
perforation, substantially as described, a cloth-  
faced center piece, 12, having a metal back  
provided with a series of spurs passing through  
said perforation and engaging with said back  
10 around the borders of said perforation, and a  
suitable shank, substantially as described, se-  
cured within the recess in the rear side of said  
back, substantially as set forth.
2. A button consisting of a back, 10, having

a central perforation, a recess in its face and 15  
in its rear side, the latter having its borders  
undercut, a flexible shank, 16, secured to a  
metal ring, a concavo convex metal washer en-  
circling said shank and engaging with the said  
undercut borders of the recess in the rear side 20  
of said back, and a cloth-faced center piece,  
12, provided with attaching spurs secured  
within said recess in the face of the latter, sub-  
stantially as set forth.

NELSON C. NEWELL.

Witnesses:

G. M. CHAMBERLAIN,  
WM. H. CHAPIN.