

E. S. Boynton.

Securing Buttons to Cards.

N^o 49674

Patented Aug. 29. 1865

Fig. 1.

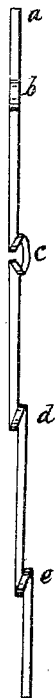


Fig. 2.



Fig. 3.

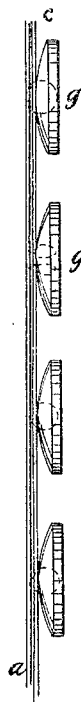
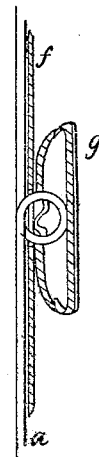


Fig. 4.



Witnesses.

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UNITED STATES PATENT OFFICE.

EDWARD S. BOYNTON, OF NEW YORK, N. Y., ASSIGNOR TO THE FRENCH
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IMPROVEMENT IN SECURING BUTTONS TO CARDS.

Specification forming part of Letters Patent No. 49,674, dated August 29, 1865.

To all whom it may concern:

Be it known that I, EDWARD S. BOYNTON, of the city, county, and State of New York, have invented certain new and useful Improvements in Securing Buttons to Cards; and I do hereby declare the following to be a full description of the same.

My invention relates to that class of buttons having no eyes, but are secured to the cloth by means of stems or shanks passing through the cloth and engaging into a recess in the under side of the button to hold the parts together, and therefore difficult to be secured to paper cards for exhibition and convenience of packing, &c., usually practiced in putting buttons for the markets. As this class of buttons are of metal backs and have no eyes it is impossible to stitch them to the cards, and as the stems or shanks to which they are attached are made with reference to the thickness of the cloth or garment to which they are attached, and as the cards are much thinner than the cloth, it is not possible to keep the buttons in place on the cards, besides making it impossible to get up handsome and tasty business cards of buttons.

The nature of my invention consists in shaping or forming a thin wire of metal into loops or coils of such diameter as will enter the cavity of the button, and will hold it thereon as long as required in consequence of the loop or coil of wire expanding within the cavity of the button.

To describe my invention more particularly, I will refer to the accompanying drawings, forming a part of this specification, the same letters of reference wherever they occur referring to like parts.

Figure 1 is a plan view of the wire as looped

or coiled. Fig. 2 is a side view of the same. Fig. 3 is a side view of the same, having the buttons secured thereon through the card, shown in red outlines. Fig. 4 is a cut section of the button and coil as secured through the card into the cavity thereof.

Letter *a* represents a piece of thin wire, of brass, steel, or other metal, in which are formed four loops or coils, *b, c, d,* and *e*. These loops or coils are formed by bending the wire, of the diameter required, into the shape as represented in *b*, or the double coil, as shown in *c*, or single coil, as shown in *d* and *e*, it being of no material consequence which form is used, as the object is to use an endless loop or coil which can contract in diameter to enter the cavity of the button, but as soon as entered expands therein to hold them together.

Letter *f* is a representation of a paper card through which the loops or coils are inserted, thus leaving the back of the card with the appearance of a thread for holding the button to it.

Letter *g* is the button, which is formed with a cavity in it for the insertion of a stem or shank for locking the two parts of the button together on the cloth.

Having now described my invention, I will proceed to set forth what I claim and desire to secure by Letters Patent of the United States:

The use of a looped or coiled wire for the purpose of securing buttons to trade, sales, or show cards, substantially as hereinbefore set forth.

EDWARD S. BOYNTON.

Witnesses:

D. B. DUDLEY,
CHARLES L. BARRITT.