

(No Model.)

H. A. BUTTNER.

BUTTON CARD.

No. 291,982.

Patented Jan. 15, 1884.

Fig. 1.

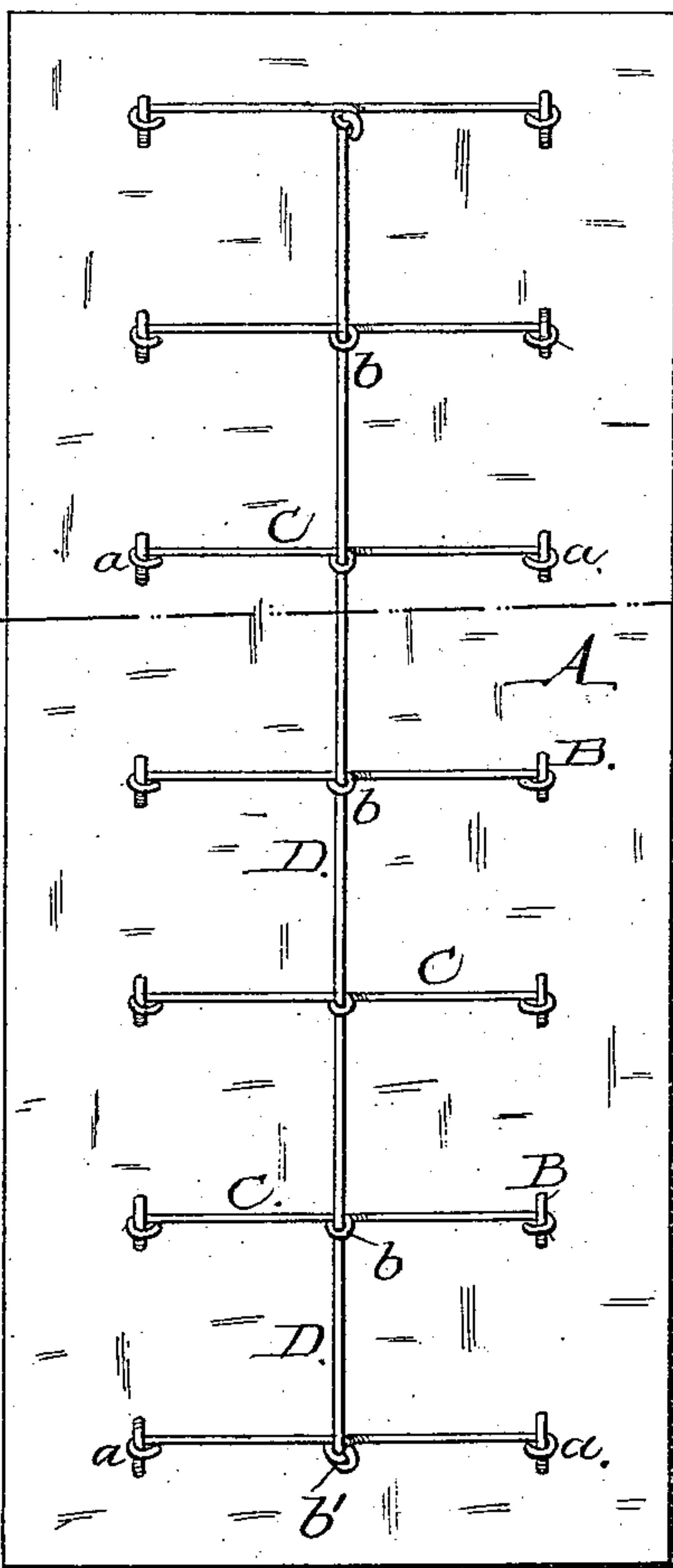


Fig. 5.

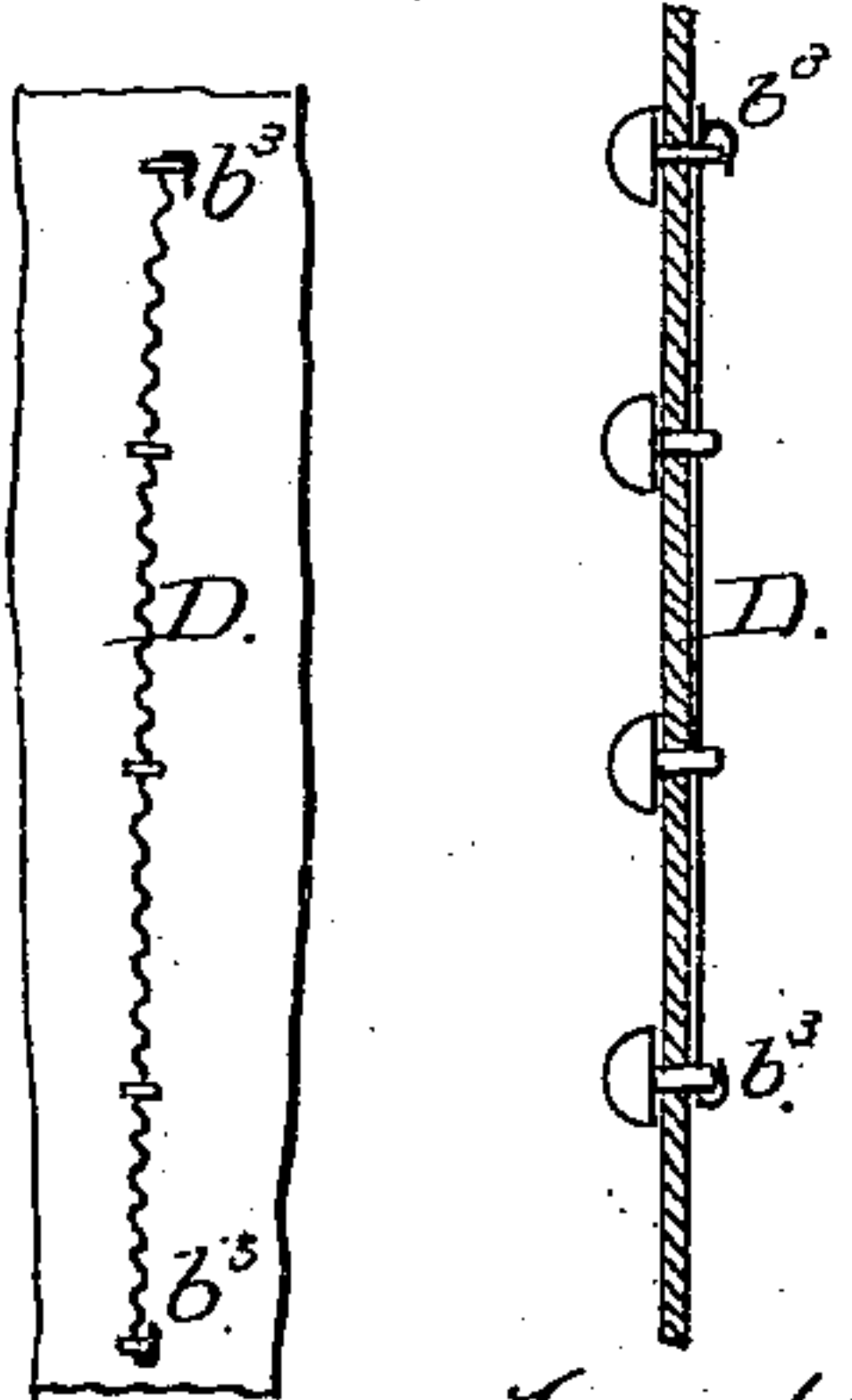


Fig. 4.

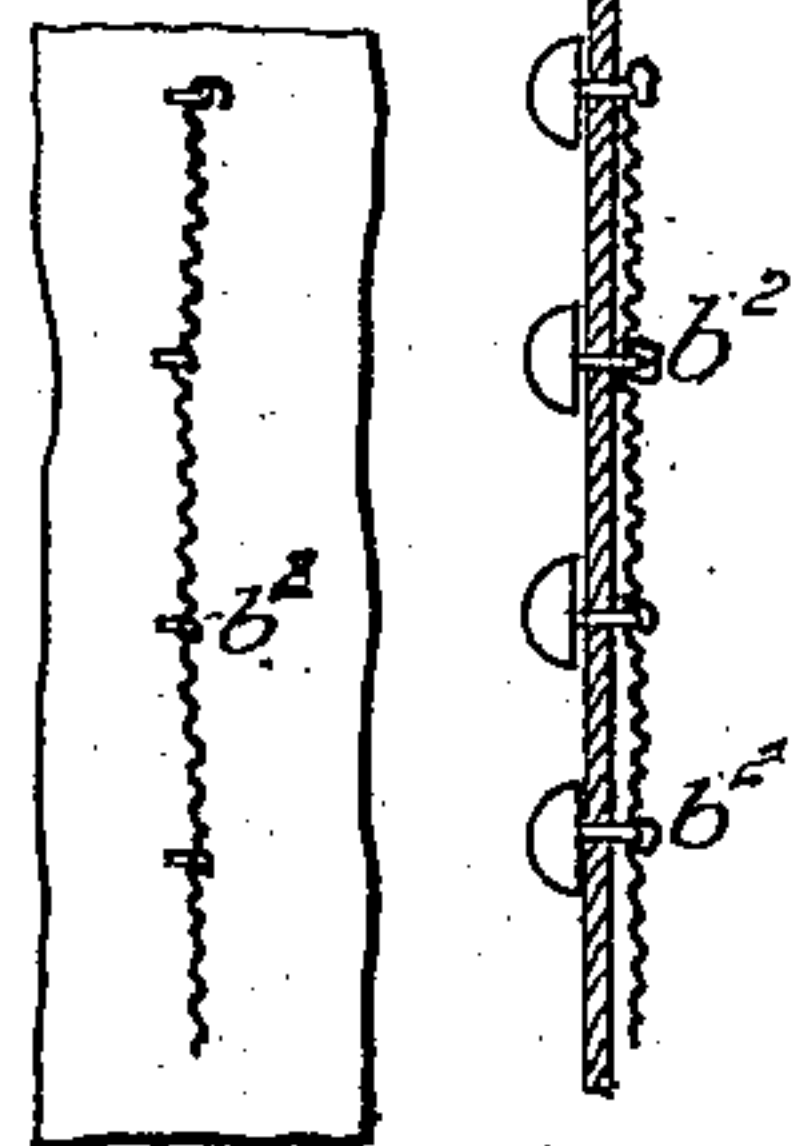


Fig. 3.

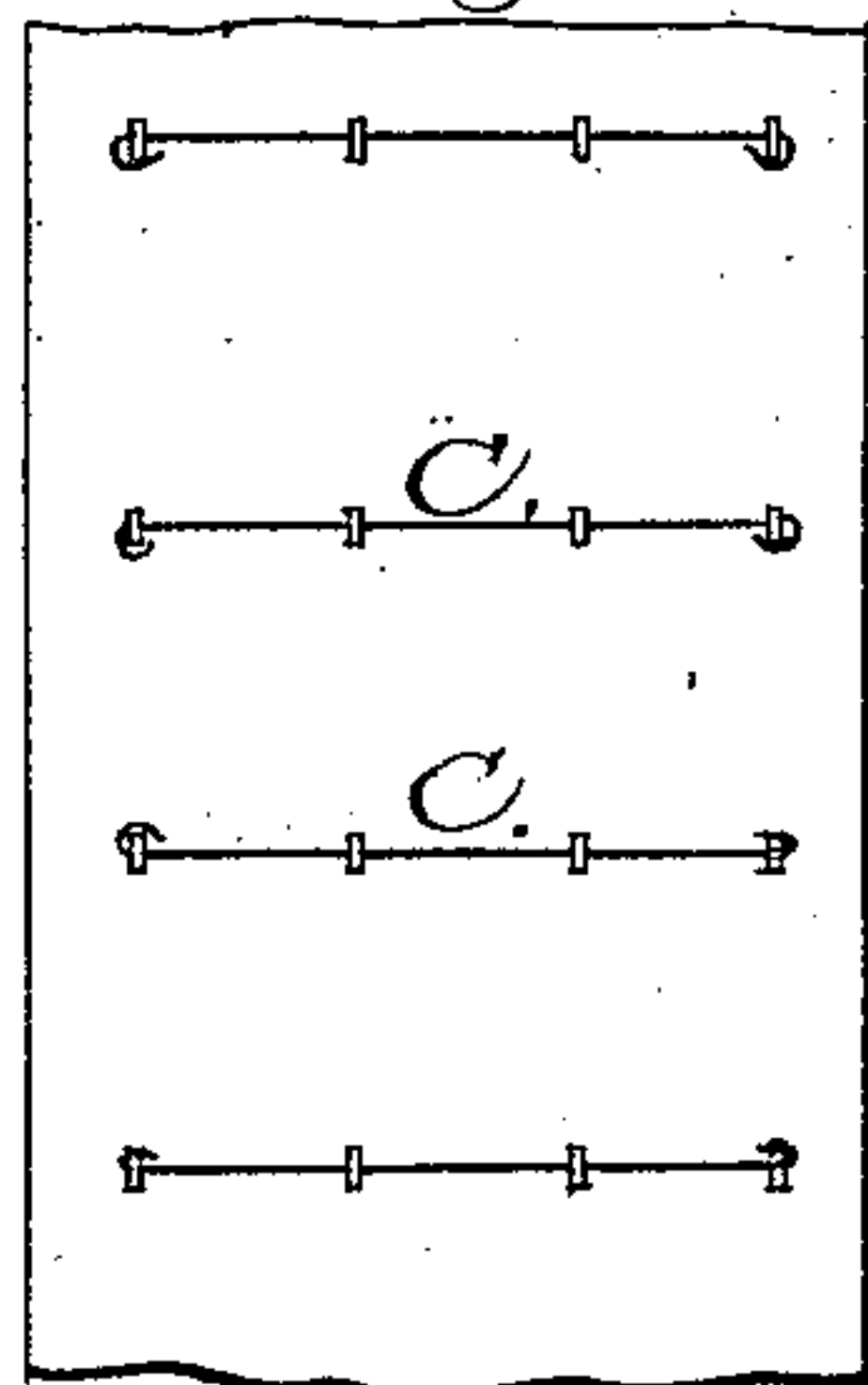
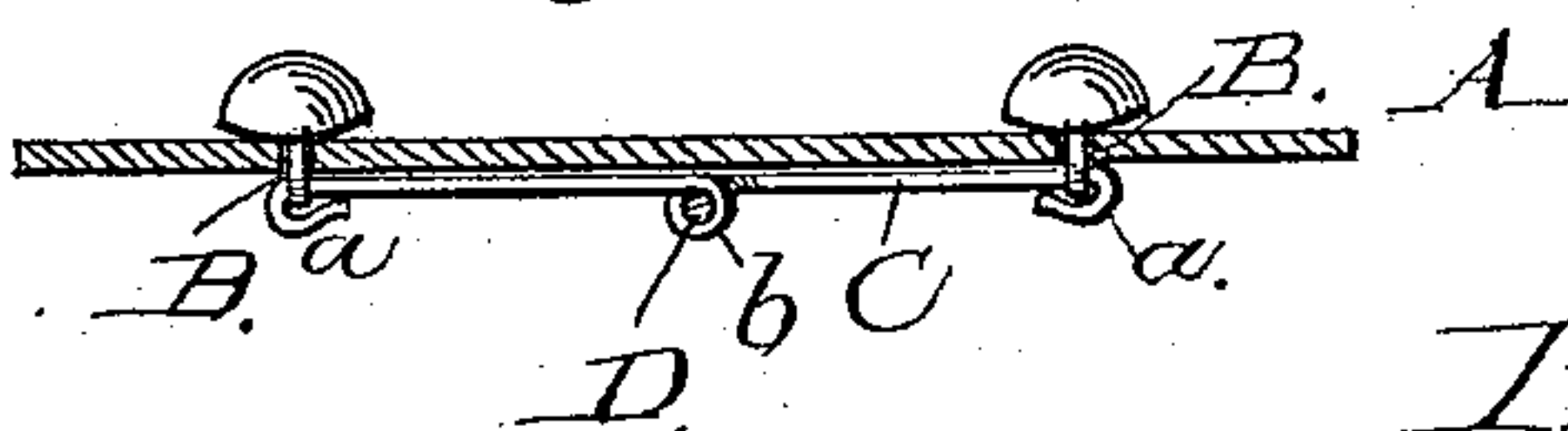


Fig. 2.



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UNITED STATES PATENT OFFICE.

HENRY A. BUTTNER, OF SAN QUENTIN, CALIFORNIA.

BUTTON-CARD.

SPECIFICATION forming part of Letters Patent No. 291,982, dated January 15, 1884.

Application filed November 1, 1883. (No model.)

To all whom it may concern:

Be it known that I, HENRY A. BUTTNER, a citizen of the United States of America, residing at San Quentin, in the county of Marin and State of California, have invented a certain new and useful Improvement in Button-Cards; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

My invention relates to the fastening of buttons upon cards for exhibition and sale, its object being to so fasten the buttons to the cards that they will be securely held in place when desired, but so that any number can be removed from the card without loosening others, and also securing the same in such a manner that the buttons may be readily replaced and fastened after having been removed from the card.

The invention will be fully understood from the following particular description, in connection with the accompanying drawings, and its novel features will be pointed out in the appended claims.

In the drawings, Figure 1 is a back view of a button-card having buttons secured thereto according to my invention. Fig. 2 is a sectional view taken through the line $x x$ of Fig. 1; and Figs. 3, 4, and 5 are views of modifications of my invention.

A designates the button-card, and B the button-eyes passed through slits in the card.

C indicates wires, having their ends passed through the eyes of buttons in two opposite rows, the ends being looped around the eyes, as shown at a , in order to prevent the wires from slipping out of place.

D is a central wire lying between the two rows of button-eyes, and passing through loops b , formed in the cross-wires C, its ends being looped into the loops of the end cross-wires, as shown at b' . The wires are sufficiently pliable to be easily bent by the fingers, and

when one or more buttons are to be removed the loops are opened and the eyes withdrawn from the slits in the cards. The removal of one button does not affect the fastenings of any of the others, as is the case when the buttons are fastened by threads passed through their eyes; and when one or more buttons are removed the cross-wires will be held in proper position to be readily reattached to the eyes if it is desired to place the button or buttons again on the card.

In the form of fastening shown in Fig. 3 the central wire is omitted; but when a certain number of buttons are to be removed they may be taken from one row, and the wires C will remain attached to the buttons of the other row and hold them to the card, while at the same time said wires may be used for reattaching buttons, if desired.

In Fig. 4 the wire D is passed through the button-eyes of a single row and looped in each eye, as shown at b^2 . The buttons may be removed by cutting the wire on each side of the eye of one to be removed and unlooping it, or may be unlooped from the end button-eye, and as many more as desired, without cutting, and may be again used for securing the buttons if it is desired to refill the card.

In Fig. 5 the wire D is passed through all the button-eyes in a row, but is looped in only the end eyes, as shown at b^3 . The buttons are removed by unlooping first at the end, withdrawing the wire from the eyes of as many buttons as wanted, and then looping it again in the eye of a button succeeding the last one removed; or if the wire is simply cut it will remain projected through the last button remaining in the incomplete row.

The main idea of the invention is to permit the removal of any number of buttons without impairing the fastenings of others, and the subsidiary idea is to utilize the fastenings for reattaching buttons when desired; and now,

Having described my invention and explained its use, I claim—

1. The combination, with the cross-wires adapted to be looped in the eyes of buttons in

opposite rows, of the central wire having loop-connection with the said cross-wires, substantially as described.

5 2. The combination, with the series of cross-wires adapted for loop-connection to button-eyes, of the central wire passing through loops of said cross-wires, and looped in the loops of the end cross-wires of the series, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

HENRY A. BUTTNER.

Witnesses:

C. H. STEGMAN,
S. POPE.