

No. 710,991.

Patented Oct. 14, 1902.

R. McKAY.
METALLIC BUTTON.

(Application filed Dec. 10, 1900.)

(No Model.)

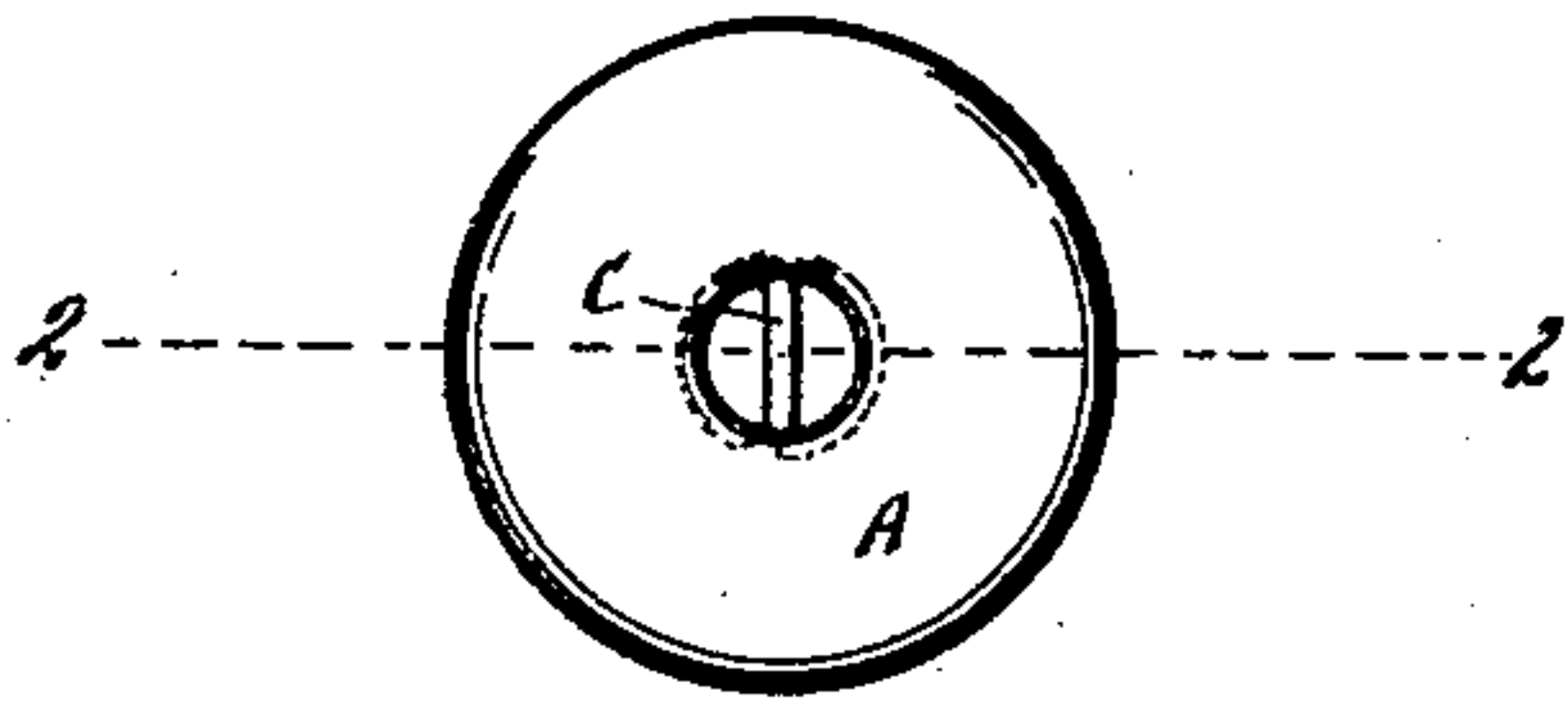


Fig. 1.

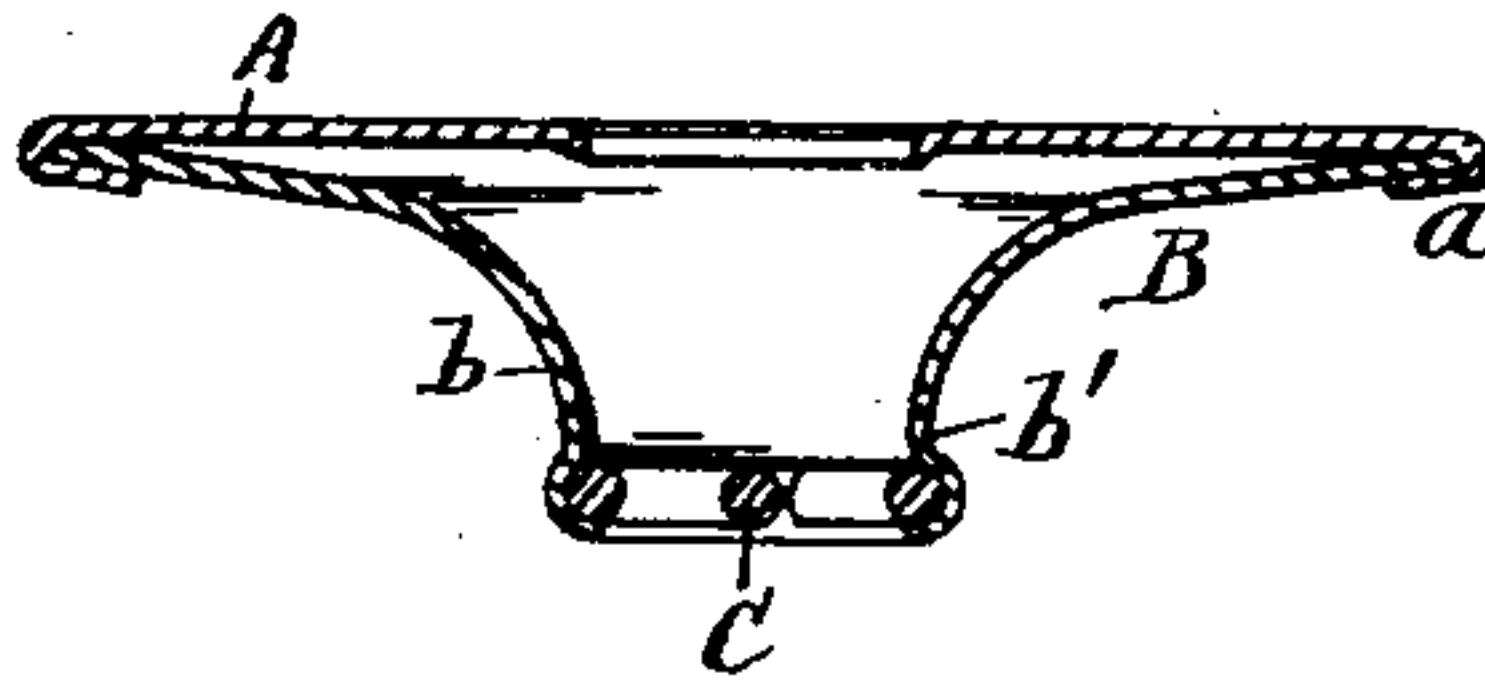


Fig. 2.

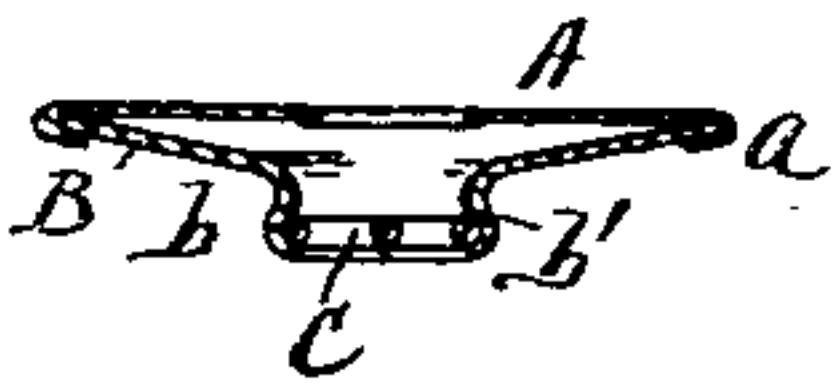


Fig. 3.

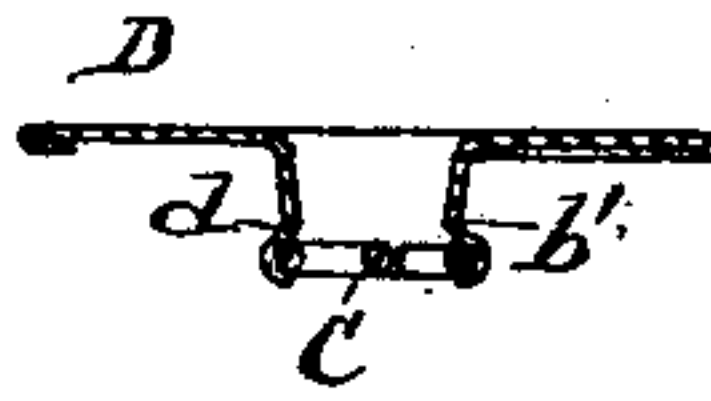


Fig. 4.

CS

Fig. 4.

WITNESSES.

O. B. Baringer,
M. Hickey.

INVENTOR.

Robert M. Kay
By Newell S. Wright
His Attorney

UNITED STATES PATENT OFFICE.

ROBERT MCKAY, OF DETROIT, MICHIGAN, ASSIGNOR TO THE MCKENNEY
BUTTON FASTENING COMPANY, OF DETROIT, MICHIGAN, A CORPORA-
TION OF MICHIGAN.

METALLIC BUTTON.

SPECIFICATION forming part of Letters Patent No. 710,991, dated October 14, 1902.

Application filed December 10, 1900. Serial No. 39,359. (No model.)

To all whom it may concern:

Be it known that I, ROBERT MCKAY, a citizen of the United States, residing at Detroit, county of Wayne, State of Michigan, have invented a certain new and useful Improvement in Metallic Buttons; and I 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, which form a part of this specification.

My invention has for its object an improved metallic button; and it consists of the construction hereinafter described and claimed, and illustrated in the accompanying drawings, in which—

Figure 1 is a plan view. Fig. 2 is a vertical section on line 2 2 of Fig. 1. Fig. 3 is a vertical section on an enlarged scale. Fig. 4 is a detail view of the bar. Fig. 5 is a view in vertical section, illustrating a modification.

My invention may be applied either to a metallic button formed of three parts or of two parts, as may be desired, and consists more particularly of the construction whereby the bar is held rigidly in place in the base of the hub.

In Figs. 1, 2, and 3, A denotes the upper or face plate of the button, and B the back-plate of the button, held in a customary manner, as by turning the peripheral edge of the face-plate over the peripheral edge of the back-plate, as shown at *a*. The back-plate is constructed with a hollow hub *b*. C is the attaching-bar of the button, the central or intermediate portion of which extends across the hub, the extremities of the bar being curved about each in the form of an arc and resting against the adjacent portions of the hub. My invention embodies a construction of the hub whereby the bar will be held rigidly in place in the hub, which end I accomplish by indenting or setting inward the wall of the hub over the extremities of the attaching-bar, as indicated at *b'*, forming an inwardly-projecting shoulder or rib over the extremities of the bar, said rib or shoulder

effectually locking and holding the bar rigidly in position. The lower end or edge of the hub is set inward, so that the bar may rest upon the inseting edge of the hub, the rib or shoulder above mentioned being set in over the bar and adjacent thereto.

In Fig. 5, D represents the body of a button formed with a single piece of metal having an integral hub *d*, into which the bar C is engaged in a similar manner as above described. It will be seen that the hub is not only constructed with an inseting edge at its extremity, but is also inset above the extremity, forming an interior annular recess opening inward toward the base of the hub, in which recess the attaching-bar is engaged.

My improved button is particularly designed for use with an automatic setting-machine and wherein a wire staple is employed to fasten the button to the garment or analogous article. It will be obvious that when a button is thus to be used with such a setting-machine it is essential that the bar of the button shall be held rigidly and firmly in place in the button, so that it shall always be in right position for the setting-dies of the machine and in right position for the prongs of the fastening to be engaged thereabove. By pressing inward the wall of the hub toward the extremities of the bar this rigidity and firmness are effectually secured. It will be understood that in the employment of such a setting-machine it becomes necessary to turn the button or to bring the button into accurate position for the prongs of a fastening to pass astride the bar and that should the bar be in disengagement with the button it will both be difficult properly to place the button under the die of the setting-machine and to properly locate the bar for the proper working of the setting devices of the machine.

What I claim as my invention is—

1. A button provided with a hub constructed with an inseting flange at its lower edge having in combination therewith a fixed attaching-bar located within the base of the hub and resting upon said inseting flange,

the wall of said hub above its lower edge and above the extremities of said bar having an inwardly-projecting shoulder *b'* set inward over the extremities of the bar to hold the bar
5 firmly in place, as set forth.

2. A button provided with a hub constructed with an insetting flange at its lower edge having in combination therewith a fixed attaching-bar located within the base of the
10 hub and resting upon said insetting flange, the wall of said hub above its lower edge and above the extremities of said bar projecting inwardly over the extremities of the bar to hold the bar firmly in place.

15 3. A button provided with a hub constructed with an insetting flange at its lower edge having in combination therewith a fixed attaching-bar located within the base of the hub and resting upon said insetting flange,
20 the wall of said hub above its lower edge and

above said bar projecting inwardly over the bar to hold the bar firmly in place.

4. A button provided with a hub constructed with an opening in its inner end and with an insetting flange at its extremity about
25 said opening, having in combination therewith a fixed attaching-bar extending across said opening, forming two eyes separated by the attaching-bar, said bar having its extremities located within the base of the hub
30 and resting upon said insetting flange, the wall of the hub above its lower edge and above said bar projecting inwardly over the bar to hold the bar rigidly in place.

In testimony whereof I sign this specification in the presence of two witnesses. 35

ROBERT MCKAY.

Witnesses:

N. S. WRIGHT,
M. HICKEY.