

C. M. PLATT.
Manufacture of Buttons.

No. 138,525.

Patented May 6, 1873.

Fig. 1.

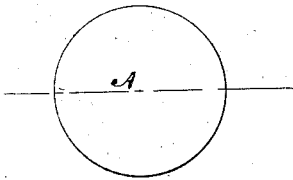


Fig. 3.

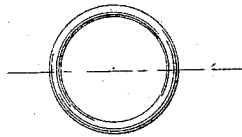


Fig. 2.



Fig. 4.



Fig. 5.

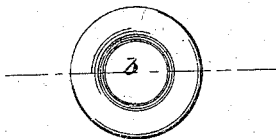


Fig. 7.

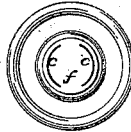


Fig. 6.

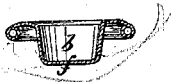
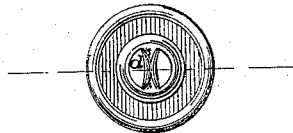


Fig. 8.



Fig. 9.



Witnesses:

M. Woodell
H. C. Mattenberg

Inventor:

Clark M. Platt
per *[Signature]*
Atty.

UNITED STATES PATENT OFFICE.

CLARK M. PLATT, OF WATERBURY, CONNECTICUT.

IMPROVEMENT IN THE MANUFACTURE OF BUTTONS.

Specification forming part of Letters Patent No. **138,525**, dated May 6, 1873; application filed February 12, 1873.

To all whom it may concern:

Be it known that I, CLARK M. PLATT, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and useful Improvement in Buttons; and that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawing and to the letters of reference marked thereon, making a part of this specification.

This invention is in the nature of an improvement in buttons; and the invention consists in constructing a button from a single piece of metal with the edge folded over, and with a cross-bar at the base of the hub, by means of which, with the thread, the button is attached to the garment.

In the accompanying sheet of drawing, Figure 1 represents a plan view of a blank; Fig. 2, an edge view of same; Fig. 3, a blank with the edge folded over; Fig. 4, an edge view of same; Fig. 5, view of under side of button and hub; Fig. 6, a cross-section of same; Fig. 7, plan view of top of button with cuts in base of hub; Fig. 8, a cross-section of same; and Fig. 9, a plan view of button, showing hub and cross-bar complete.

Similar letters of reference indicate like parts in the several figures.

To construct my button I cut from any suitable metal a blank, A, Fig. 1, and by suitable dies fold over the edge of the same, as shown in Figs. 3 and 4, in this way not only increasing the stiffness or strength of the button but making a smooth and rounded edge, which will not abrade or cut the button-hole. The center of the blank A is next drawn out, forming the hub *b*. This hub should be of

sufficient depth to allow the button, when attached to the garment, to stand well out from it, so as to facilitate the buttoning and prevent the unbuttoning of the same, and also to receive the threads with which the button is attached, in the manner hereinafter described. The hub of the button being formed, as above described, two semicircular cuts, *c c*, are made in the base *f* of the hub, (see Fig. 7.) The edges of these cuts are now folded inward onto that portion of the base of the hub which has not been cut in the manner shown in Fig. 9, and forming thereby a bar, *d*, in the base of the hub, as is shown in said Fig. 9. The bar thus formed is strengthened by the pieces of metal that are folded onto it, and the folded edges of the metal present a smooth surface, preventing the thread from being cut where it comes in contact with the bar.

The button in this way constructed is attached to the garment by needle and thread, sewing the cross-bar to the garment.

The button constructed as above described is simple, cheap, and strong, and well adapted to any purpose for which buttons are ordinarily used.

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

As a new article of manufacture, a button made from a single piece of metal with the edge folded over, and with a cross-bar formed in the base of the hub, as described.

CLARK M. PLATT.

Witnesses:

CHAS. W. GILLETTE,
ELBERT E. THORPE.