(No Model.)

# C. D. HUNT.

## Button.

No. 243,563. Patented June 28, 1881.

Fig. 1.

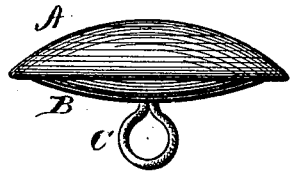
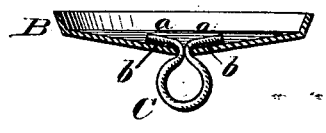



Fig. 2.




Witnesses.
N. L. Durand
H. Aubrey Taulman.

Inventor.
C. D. Hunt
By Alexander Mason
Atty

# UNITED STATES PATENT OFFICE.

CYRUS D. HUNT, OF FAIRHAVEN, MASSACHUSETTS.

## BUTTON.

SPECIFICATION forming part of Letters Patent No. 243,563, dated June 28, 1881.

Application filed May 12, 1880. (No model.)

*To all whom it may concern:*

Be it known that I, CYRUS D. HUNT, of Fairhaven, in the county of Bristol, and in the State of Massachusetts, have invented certain new and useful Improvements in Buttons; and I do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon, making a part of this specification.

This invention relates to certain improvements in that class of buttons formed with an eye by which the button may be sewed to an article, and is particularly designed to provide an improved button for carriage-fixtures or other purposes where it will be exposed to moisture or the action of the weather. In such buttons the eye has usually been formed of wire bent into proper shape and secured to the back of the button by inserting the free ends of the bent wire through an aperture in the back and bending down or clinching said ends. As thus constructed the eye is seldom rigidly attached to the back of the button, but is capable of some play therein, which occasions wear upon the adjacent parts of the eye and back, and by thus constantly exposing fresh surfaces of the metal to the action of the atmosphere, causing corrosion, which materially hastens the ultimate destruction of the buttons. As such buttons are generally constructed of iron on account of cheapness, and as the oxide of iron occasioned by the corrosion exerts a peculiarly injurious effect upon the thread by which the button is attached to an article, the thread soon becomes so rotten as to be incapable of holding the button.

The object of my invention is to obviate these objections, and this I attain by coating the back of the button and the eye, after the eye has been inserted and clinched therein, with an alloy little liable to corrosion, which not only prevents the action of the atmosphere on the iron in the first place, but by securely soldering or fastening the eye in place, so that it is incapable of play under ordinary circumstances, prevents the solder or protective coating from being worn off.

In the annexed drawings, Figure 1 is a side view of a button, embodying my invention, and Fig. 2 is a section of the back with the eye therein.

The letter A indicates the front, and B the back of the button, united together in any of the known or usual ways.

C indicates the eye, constructed of a piece of wire bent in round or circular form, having the ends passed through an aperture in the back B and then clinched on the inside of the back, as shown at *a a*. The backs, with the eyes thus attached and clinched, are then further secured together by means of an alloy—such as solder, for instance, which is cheap and comparatively non-corrosive under ordinary atmospheric action. This is accomplished by immersing or dipping the backs with the attached eyes into molten alloy or solder, whereby the eye is thus not only securely attached, but with the adjacent parts of the back is covered with a coating of the alloy, which secures the metal against corrosion and wholly obviates the disadvantages above enumerated.

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

1. The method herein described of securing the eye to a button after said eye has been inserted and clinched therein, as specified, the same consisting in covering the whole with a protective coating of fusible metal, substantially as herein set forth.

2. A button having its eye made of a piece of wire with the ends bent down and clinched on the inside of the back, and securely fastened thereto by a protective coating of fusible metal or alloy applied so as to cover the entire back and eye, substantially as and for the purpose specified.

In testimony that I claim the foregoing I have hereunto set my hand this 3d day of May, 1880.

C. D. HUNT.

Witnesses:
A. G. BOURNE,
JOSEPH TRIPP.