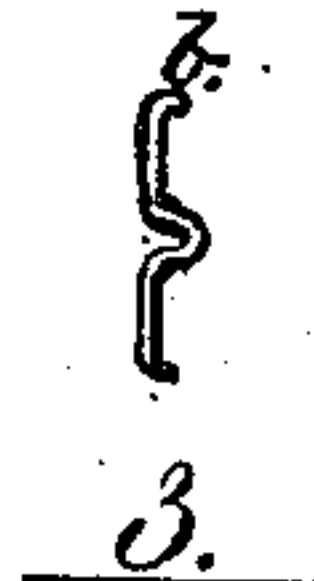
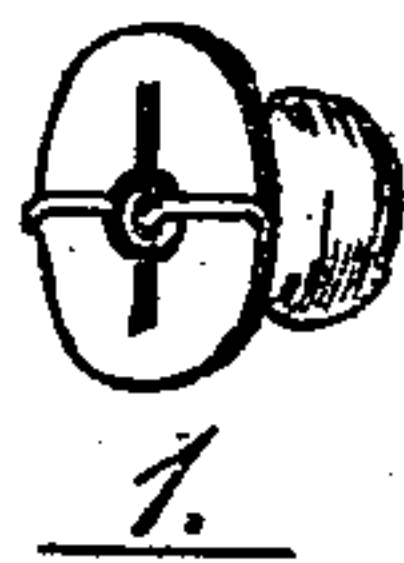


A. T. PERRINE.
BUTTON-FASTENING.

No. 178,555.

Patented June 13, 1876.

Figures.



Witnesses

L. P. Langworthy

G. H. Mellor

Inventor

Alfred T. Perrine

by Joseph A. Miller
Attorney

UNITED STATES PATENT OFFICE.

ALFRED T. PERRINE, OF CEDAR GROVE, ASSIGNOR TO HENRY A. STEARNS,
OF PAWTUCKET, RHODE ISLAND.

IMPROVEMENT IN BUTTON-FASTENINGS.

Specification forming part of Letters Patent No. 178,555, dated June 13, 1876; application filed
November 17, 1875.

To all whom it may concern:

Be it known that I, ALFRED T. PERRINE, of Cedar Grove, in the county of Providence, State of Rhode Island, have invented certain new and useful Improvements in Button-Fastenings; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, forming part of this specification.

Figure 1 is a perspective view of the button and fastening. Figs. 2, 3, and 4 are views of the different parts of the same.

This invention has reference to that kind of button-fastening which, while it perfectly secures the button to any material desired, allows of the same being readily detached; and consists in the peculiar arrangement of the parts by which the button is secured to the material.

In the drawings, *a* is a plate, provided with a central round hole, and two narrow slots extending from the central hole. At right angles with these two slots is a groove, ending in two notches on the sides of the plate *a*. *b* is a curved wire, provided with a semicircular bend in the center and slightly turned-down ends. *c* is the button, of the usual kind used on shoes, provided with the shank and eye.

When the button is to be secured or fastened to any material a small hole, large enough to force the eye of the button through the same, is made, and the eye is pushed through, so as to project a little through the material. The bent wire *b* is now passed through the eye of the button until the central bent portion is in the eye. One end of the wire *b* is now passed through the hole and slot in the plate *a* until the eye rests against the side of the central hole, when the other end of the

wire *b* will pass through the slot at the opposite end of the hole. The plate *a* is now turned around until the wire *b* rests in the groove in the plate, and the turned-down ends of the wire enter the notches in the side of the plate *a*. The button is now firmly secured to the material, and will resist a much greater strain than when secured in any other manner.

The button is perfectly free to move in the eye, and can be moved from side to side, while the fastening is perfectly smooth on the reverse side.

No weak or perishable material, such as thread or rubber, is used, and the fastening will last and wear as long as the button or the material.

When the button is to be removed, a slight pressure on the button will allow the plate *a* to be turned, when it is moved slightly to one side until the shank rests against the central hole, allowing one end of the bent wire *b* to pass through the slot, and the plate *a* to be removed. The bent wire is now withdrawn and the button removed.

The whole fastening is simple, cheap, and strong. By it the button can be readily secured or removed without the use of any tool or special apparatus.

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

A button-fastener consisting of the plate *a*, having the longitudinal slot *d* and transverse notched groove *f*, in combination with the wire *b*, bent as described, and adapted to receive an eye-button, as and for the purpose set forth.

ALFRED T. PERRINE.

Witnesses:

JOSEPH A. MILLER,
HORACE F. HORTON.