

S. M. PORTER.
EYELETS FOR FASTENING BUTTONS.

No. 105,978.

Patented Aug. 2, 1870.

Fig. 1.

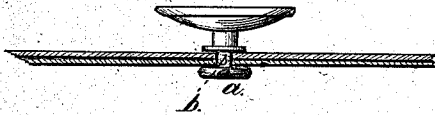


Fig. 2.



Fig. 3.

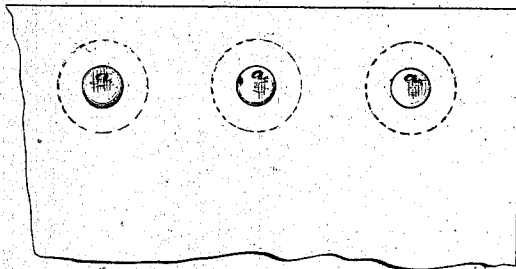
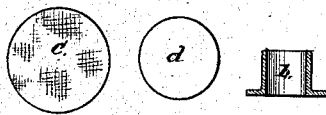


Fig. 4.



Witnesses:

*Rufus Frye
H. L. Wattenberg*

Inventor:

*S. M. Porter
per S. M. Johnston
Att'y.*

United States Patent Office.

SAMUEL M. PORTER, OF NEW YORK, N. Y.

Letters Patent No. 105,978, dated August 2, 1870.

IMPROVEMENT IN EYELETS FOR FASTENING BUTTONS.

The Schedule referred to in these Letters Patent and making part of the same.

To all whom it may concern:

Be it known that I, SAMUEL M. PORTER, of the city, county, and State of New York, have invented a new and useful Improvement in Eyelets, &c.; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawing, and to the letters of reference marked thereon, making a part of this specification.

The nature of this invention is an improvement in eyelets, rivets, &c., such as are used to attach buttons, &c., to clothing; and

It consists in covering the base or cap of the eyelet or rivet with linen or other suitable material, so that the metallic surface will not be exposed and soil the clothing, and at the same time present a surface of uniform color and texture with the garment to which it is attached.

In the accompanying drawing—

Figure 1 represents a side view of an eyelet and button with my invention thereon;

Figure 2, a section of same;

Figure 3, a plan or top view of same; and

Figure 4, a detailed view of same.

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

It is well known that heretofore buttons have been attached to clothing, &c., by means of eyelets, rivets, &c., the eyelet or rivet passing through the fabric of the garment by means of a hole previously made therein, the inner end of said eyelet being formed with a head, and the other end being spread into the button, and in this way firmly securing the button to the garment.

But in practice it is found that the head of the eyelet or rivet *a*, or the part that confines the inner side of the fabric, by reason of its metallic surface, presents an unfinished and untasty appearance; besides, the metallic surface wears off by abrasion, and soils the clothing.

My invention fully overcomes these difficulties by covering the head, or cap, or end *a*, of the eyelet or rivet *b* with linen or other suitable material, which will then present a surface of the same texture and color as that of the garment to which it is attached, fully doing away with all the objections afore named.

In order to thus cover the head or end of my eyelet or rivet, by means of a suitable punch I cut out a small disk of linen, *c*, place thereon the cap or disk *d*, of zinc or other material, which is of less diameter than the linen disk *c*, so that the edges of the linen will extend around it.

The edges of the cap or disk *d* are then turned up in a suitable press, bringing the edges of the linen disk *c* around said turned-up edges, and at the same time the lower end of the eyelet or rivet *b* (which had previously been placed on the cap or disk *d*) is spread or flared out under the turned-up edges of the disk or cap *d*, tightly forcing or jamming the edges of the linen disk *c* between said turned-up edges and the spread of the eyelet or rivet *b*, and thus tightly stretching the linen over the cap, and securing it in said position.

I do not wish to confine myself to thus covering the cap of an eyelet with linen alone, but it may be covered with any suitable material.

Having thus described my invention,

What I claim as new, and desire to secure by Letters Patent, is—

The combination of a button with an eyelet or rivet, the base, head, or cap of said eyelet or rivet being covered with linen or other textile fabric, substantially as and for the purposes described.

SAMUEL M. PORTER.

Witnesses:

H. L. WATTENBERG,
G. M. PLYMPTON.