

No. 889,455.

PATENTED JUNE 2, 1908.

P. R. GLASS.

EYELET.

APPLICATION FILED FEB. 20, 1905.

Fig. 1.

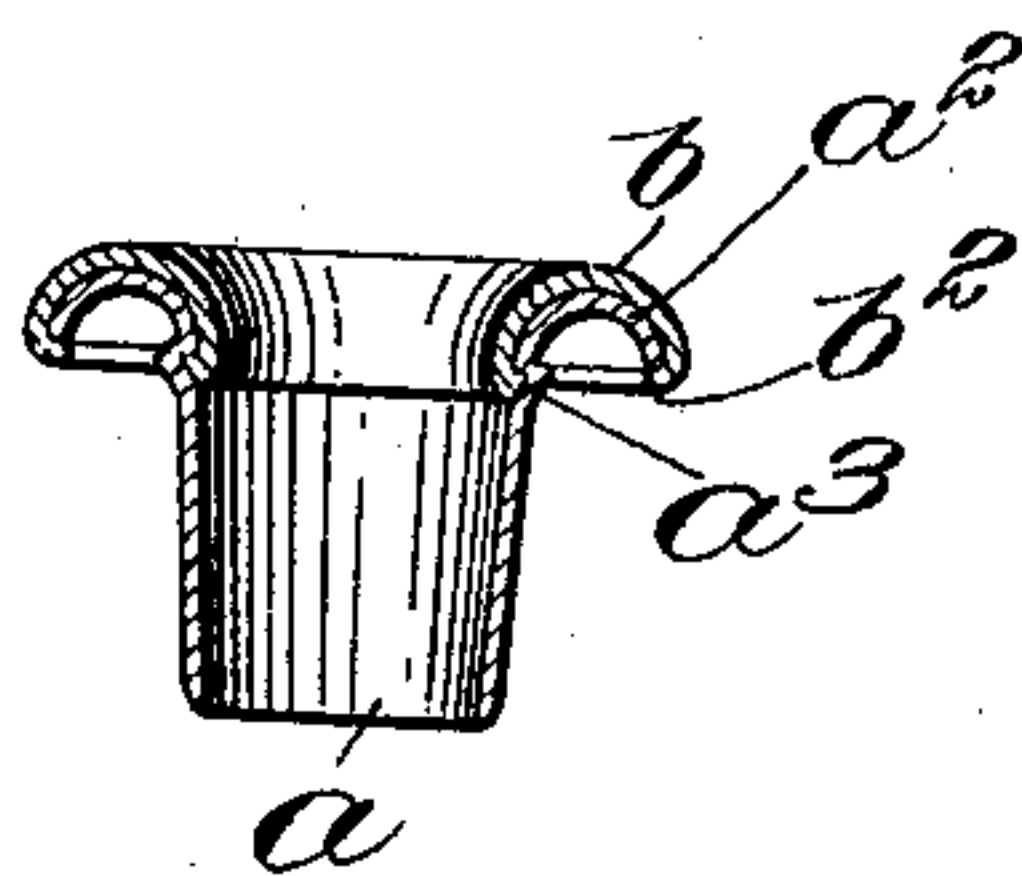


Fig. 2.

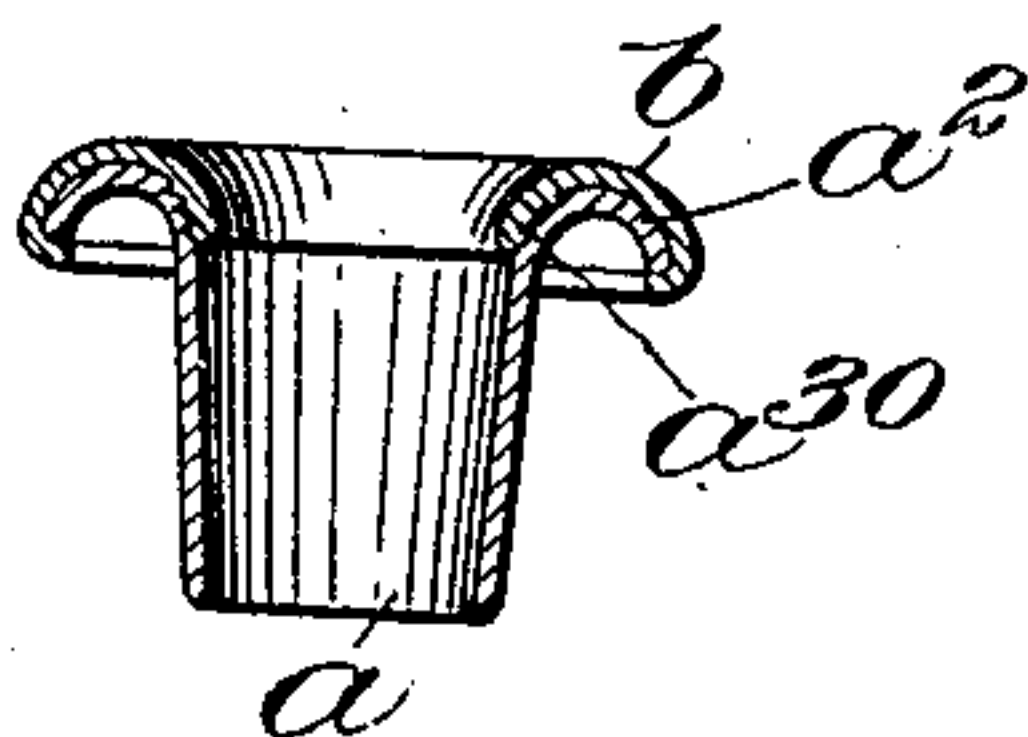
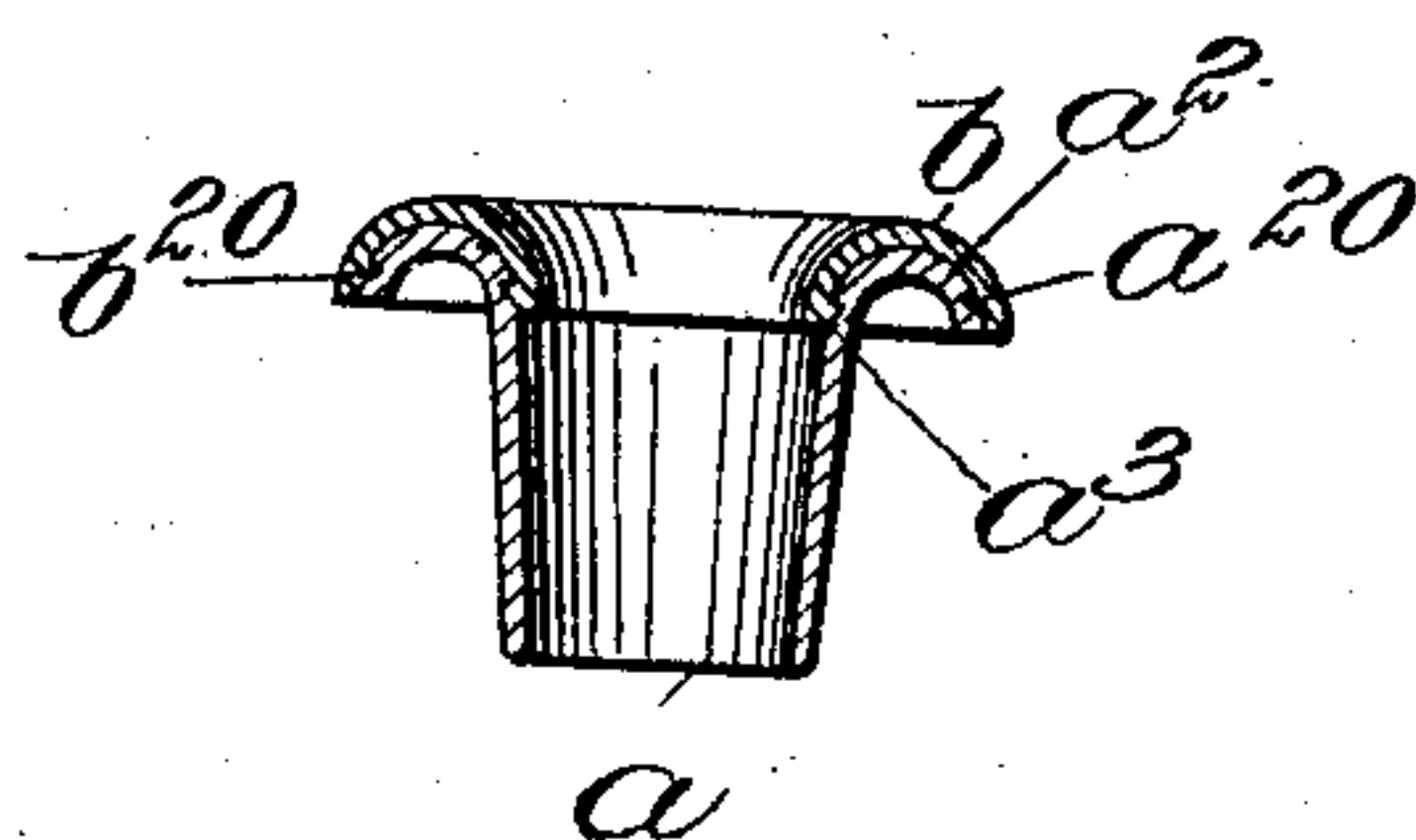


Fig. 3.



witnesses.
Jas. J. Maloney.
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UNITED STATES PATENT OFFICE.

PERLEY R. GLASS, OF QUINCY, MASSACHUSETTS.

EYELET.

No. 889,455.

Specification of Letters Patent.

Patented June 2, 1908.

Application filed February 20, 1905. Serial No. 246,458.

To all whom it may concern:

Be it known that I, PERLEY R. GLASS, a citizen of the United States, residing in Quincy, county of Norfolk and State of Massachusetts, have invented an Improvement in Eyelets, of which the following description, in connection with the accompanying drawings, is a specification, like letters on the drawings representing like parts.

The present invention relates to a covered eyelet, and is embodied in an eyelet of that class in which celluloid is employed to form the outer or exposed surface of the eyelet when the latter has been set in the material in which it is to be used.

The purpose of the present invention is to utilize an eyelet of substantially the usual shape, the said eyelet being covered with a thin veneer of sheet celluloid, instead of being mainly formed of such material molded and held in place by being forced through openings, or into and around projecting portions of a metal body peculiarly shaped for the purpose of retaining the plastic head molded around it.

The purpose of the invention is to obtain an eyelet in which the celluloid sheet will be securely anchored and prevented from stripping off.

In carrying out the invention, I employ an eyelet of that shape in which the flange has a convex upper surface and a concave lower surface, while the shank is hollow so as to be spread and clenched against the under side of the material when the eyelet is set.

The sheet celluloid which forms the covering material is heated sufficiently to be slightly softened and then is forced into engagement with the convex surface of the flange. In order to anchor the material securely, the upper, inner portion of the eyelet is provided with one or more annular channels, or indentations, into which the softened celluloid may be forced so as securely to engage therewith when hardened. The outer edge of the celluloid sheet may be secured in any suitable way, as by turning the same under the edge of the flange, or, if desired, the said flange may be provided with a channel or depression near the lower edge thereof to engage the covering material.

Figure 1 is a vertical section, on an enlarged scale, of an eyelet embodying the in-

vention; and Figs. 2 and 3 are similar views illustrating modifications.

Referring to Fig. 1, the metal portion of the eyelet is drawn to such a shape as to form the hollow shank a , and the flange a^2 provided with a convex upper surface and a concave under surface, the general shape of the eyelet being substantially the same as that of the ordinary sheet metal enameled eyelet. In accordance with the present invention, however, the convex upper surface of the flange a^2 is covered with a thin layer or veneer b of sheet celluloid. In order to hold the said celluloid securely in place, and to prevent the same from being stripped off by the lacings, I provide the shank a with one or more recesses a^3 formed along the inner wall of the shank, the celluloid b , when applied to the eyelet, being softened by heat so that it will be forced into the part a^3 , as shown. I prefer to use a piece of celluloid slightly larger in diameter than that of the flange of the eyelet, and to hold the outer edge in place by bending the same under the edge of the flange, as indicated at b^2 . This however, is not essential to the invention, as the flange a^2 may be provided along the outer edge with a recess or channel a^{20} into which the material may be forced, as indicated at b^{20} , this construction being shown in Fig. 3.

In Fig. 2, I have indicated the inner wall of the shank a as provided with a plurality of notches or channels a^{30} , although in practice, the single channel a^3 , indicated in Figs. 1 and 3, will usually be sufficient to hold the covering material firmly in place.

What I claim is:

A covered eyelet having a hollow shank provided at the top with a lateral flange having a convex upper surface and a concave lower surface, and a coating of thin sheet celluloid of substantially uniform thickness conforming to the upper surface of the flange, the eyelet being provided along its upper, inner surface with a shoulder against which the celluloid coating is adapted to bear to prevent the same from coming off.

In testimony whereof, I have signed my name to this specification in the presence of two subscribing witnesses.

PERLEY R. GLASS.

Witnesses:

HENRY J. LIVERMORE,
JAS. J. MALONEY.