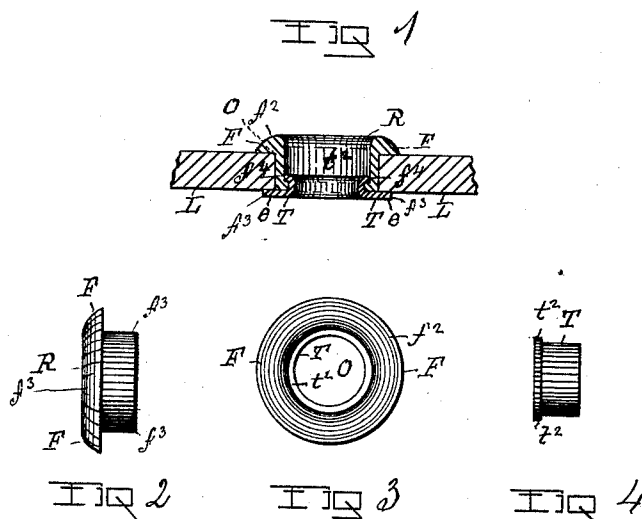


(No Model.)

F. F. HAWKINS.
EYELET.

No. 483,784.

Patented Oct. 4, 1892.



WITNESSES

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UNITED STATES PATENT OFFICE.

FRANK F. HAWKINS, OF TROY, NEW YORK.

EYELET.

SPECIFICATION forming part of Letters Patent No. 483,784, dated October 4, 1892.

Application filed March 17, 1892. Serial No. 425,210. (No model.)

To all whom it may concern:

Be it known that I, FRANK F. HAWKINS, of the city of Troy, county of Rensselaer, and State of New York, have invented a new and useful Improvement in Eyelets, of which the following is a specification.

My invention relates to a new form of eyelet for shoe, glove, or other lacings and by which the tubular metal part of the eyelet where in sight on the outer surface of the material to which it is attached is combined with and covered by a hard-rubber ring. Where eyelets are made of sheet metal—such as brass or white metal—the contrast which the color of the metal makes with the material to which they are attached renders them unsightly, and this is more particularly the case where brass eyelets are used in shoes in connection with lacings; and it is the object of my invention to combine with the tubular part of the eyelet making the attachment a ring of hard rubber that covers the interior and exterior part of the eyelet where in sight.

Accompanying this specification to form a part of it there is a sheet of drawings containing four figures illustrating my invention, with the same designation of parts by letter reference used in all the illustrations.

Of these illustrations, Figure 1 is an enlarged section taken diametrically through my improved eyelet and the material to which it is attached. Fig. 2 is a side elevation of the metallic tubular part of the eyelet. Fig. 3 is a top view of the hard-rubber ring adapted to be connected with the tubular eyelet part shown at Fig. 2, and Fig. 4 is a side elevation of the rubber ring shown at Fig. 3.

The several parts of the eyelets thus illustrated are designated by letter reference, and the function of the parts is described as follows:

The letter R designates a hard-rubber ring made with a top flange F, said flange having a rounded top edge f^2 , a flat under edge f^3 , and an interior flange f^4 .

The letter T designates the tubular-formed metallic part, which is made with a flange t^2

on what is its interior end when in place within the rubber part, as shown at Figs. 1, 2, and 3.

The letter L designates the material to which the eyelet is attached and in the following manner: A hole having been punched in the material, the hard-rubber ring R is inserted in the hole, so that its flange F rests on the top of the material, when the tubular metallic part of the eyelet T is passed down through the center opening O of the hard-rubber ring, so that the flange t^2 rests upon the interior flange f^4 of said ring, in which condition the end e of the eyelet part T, where subtending the rubber ring, is spread out by an implement, and then turned up, as shown at Fig. 1, to clinch on the under side of the leather.

As thus made and adapted to attach to a shoe or other article the metal part of the eyelet where usually in sight is covered by the hard-rubber part. If desired, the latter may be colored to produce an ornamental effect, and, instead of hard rubber, celluloid may be used, if desired, to produce the same effect in covering the unsightly metal part.

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

The combination, with a tubular hard-rubber or celluloid part made with an encircling flange at its outer end and having a flange in its tubular part near the inner end of the latter, of a tubular metallic eyelet part having a flange on its outer end constructed to engage with the interior flange of the hard-rubber part when passed down through the latter and to be clinched on its inner end, substantially in the manner as and for the purposes set forth.

Signed at Troy, New York, this 19th day of January, 1892, and in the presence of the two witnesses whose names are hereto written.

FRANK F. HAWKINS.

Witnesses:

W. E. HAGAN,
CHARLES S. BRINTNALL.