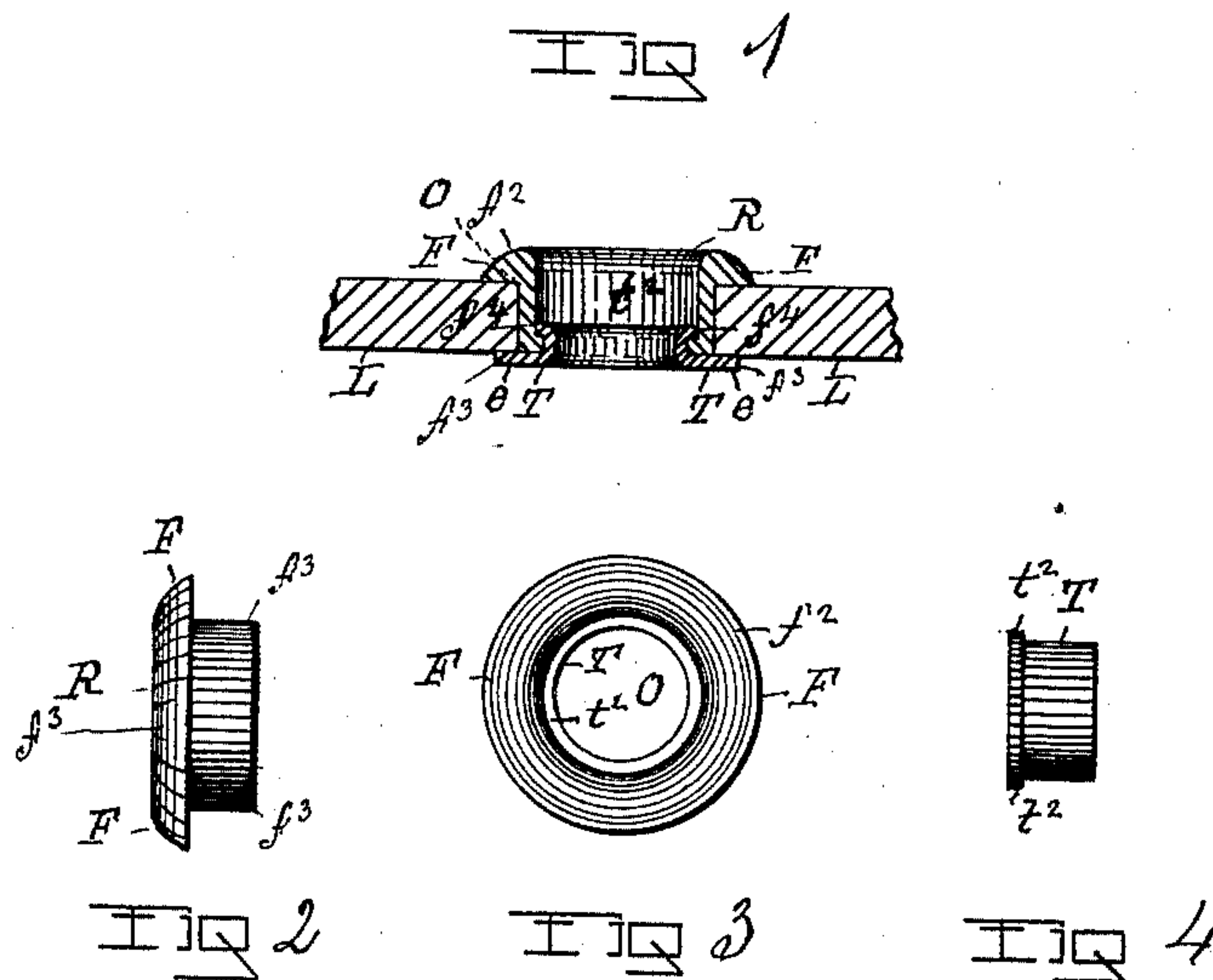


(No Model.)

F. F. HAWKINS.  
EYELET.

No. 483,784.

Patented Oct. 4, 1892.



WITNESSES

*William A. Lutz*

*Charles S. Brintnall*

INVENTOR

*Frank F. Hawkins*

*by W. E. Hagan atty*

# 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  
5 useful Improvement in Eyelets, of which the following is a specification.

My invention relates to a new form of eye-  
let for shoe, glove, or other lacings and by  
which the tubular metal part of the eyelet  
10 where in sight on the outer surface of the ma-  
terial 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  
15 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  
20 to combine with the tubular part of the eye-  
let making the attachment a ring of hard rub-  
ber that covers the interior and exterior part  
of the eyelet where in sight.

Accompanying this specification to form a  
25 part of it there is a sheet of drawings con-  
taining 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 en-  
30 larged 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 adapt-  
35 ed to be connected with the tubular eyelet  
part shown at Fig. 2, and Fig. 4 is a side ele-  
vation of the rubber ring shown at Fig. 3.

The several parts of the eyelets thus illus-  
trated are designated by letter reference, and  
40 the function of the parts is described as fol-  
lows:

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  $f^3$ ,  
45 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  
55 top of the material, when the tubular metal-  
lic 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  
60 end e of the eyelet part T, where subtending  
the rubber ring, is spread out by an imple-  
ment, 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  
65 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 ef-  
fect, and, instead of hard rubber, celluloid  
70 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 Pat-  
ent, is—

The combination, with a tubular hard-rub-  
ber 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 lat-  
ter, of a tubular metallic eyelet part having  
80 a flange on its outer end constructed to en-  
gage with the interior flange of the hard-rub-  
ber part when passed down through the lat-  
ter and to be clinched on its inner end, sub-  
stantially in the manner as and for the pur-  
85 poses 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.