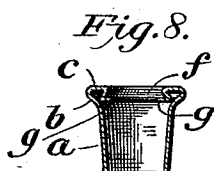
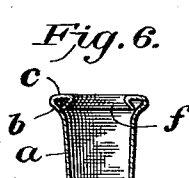
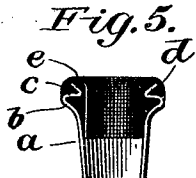
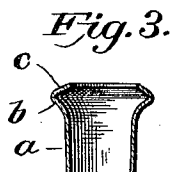


(No Model.)

E. L. PUPKE.
EYELET.

No. 520,538.

Patented May 29, 1894.



WITNESSES:

J. Kinch.
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UNITED STATES PATENT OFFICE.

EBERHARD L. PUPKE, OF NEW YORK, N. Y.

EYELET.

SPECIFICATION forming part of Letters Patent No. 520,538, dated May 29, 1894.

Application filed February 8, 1892. Serial No. 420,758. (No model.)

To all whom it may concern:

Be it known that I, EBERHARD L. PUPKE, a citizen of the United States, residing at New York, in the county of New York and State of New York, have invented certain new and useful Improvements in Lacing-Hooks; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to certain new and useful improvements in the manufacture of lacing eyelets, but more particularly refers to the structure of the upper or flanged part of the eyelet with a view to securing thereto a substantial covering of plastic material. Heretofore it has been the practice to merely japan the eyelets, but a lacquer of this nature wears off in a few days and exposes the metal from which the eyelet is made.

It is the object of my invention to so cover the heads of the eyelets that the metal will not be exposed by constant wear.

In the accompanying drawings Figure 1, is a sectional elevation of an eyelet made in accordance with my improvement and Fig. 2, a similar view showing the head of such eyelet covered with a plastic material. Figs. 3, 4, 6 and 8, are modified forms of the construction shown at Fig. 1. Figs. 5, 7 and 9, are sectional elevations showing the eyelets illustrated in Figs. 4, 6 and 8 covered with plastic material.

Similar letters denote like parts in the several figures.

The material with which the heads of the eyelets are covered must be tough and hard and must have a uniform cover throughout. The material known to the trade as "pyroxyline" possesses the above essentials, and, as I prefer this substance to any that I now know of, I will hereinafter identify the same with my improved eyelet.

a is the shank of the eyelet and *b* the setting flange.

In making my improved eyelets I provide a ledge *c* which extends inwardly from the setting flange. I then, by means of suitable

molds, cover the head of the eyelet with pyroxyline *d*, the latter being securely anchored 50 beneath said ledge, as shown in Fig. 2. There are many ways of constructing the head of the eyelet so as to afford an anchorage for the pyroxyline, all of which ways however exhibit the primary ledge *c*. In Fig. 4, the 55 inner edge of the ledge is flared upwardly and outwardly as seen at *e*, thus affording an additional anchorage for the pyroxyline. By flaring the inner edge of the ledge downwardly and outwardly as shown at *f* in Fig. 60 6, a good anchorage is provided. The lower edge of the flare *f* may be extended inwardly, as shown at *g* in Fig. 8, thus affording a seat for the pyroxyline.

It is immaterial for the purposes of my invention how the inner edge of the ledge is disposed, the gist of my invention resting in the broad idea of extending a ledge inwardly from the setting flange to provide an anchorage for the pyroxyline and not in any particular conformation of such ledge. 70

The ledge may be perforated, if desired, in order to facilitate the admission of the pyroxyline beneath the same.

The inwardly extending ledge strengthens 75 the setting flange and prevents the latter from spreading when clinched to any article as a shoe upper.

I claim—

1. As an improved article of manufacture, 80 a lacing eyelet having a ledge extending inwardly from the setting flange, and a plastic covering anchored to said ledge, as set forth.

2. A lacing eyelet comprising a tubular metal body having at the top an outwardly 85 extending setting flange, an anchorage integral with said flange, and a covering of pyroxyline molded to said flange and beneath said anchorage, substantially as set forth.

In testimony whereof I affix my signature in 90 presence of two witnesses.

EBERHARD L. PUPKE.

Witnesses:

EDWARD E. BRUNER,
F. W. SMITH, Jr.