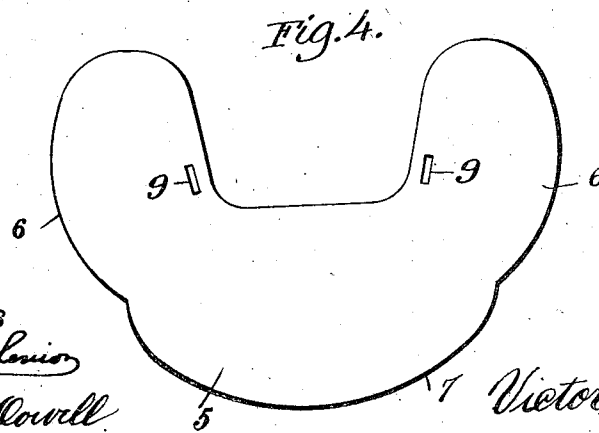
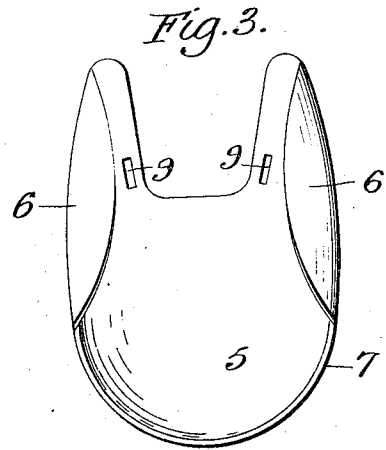
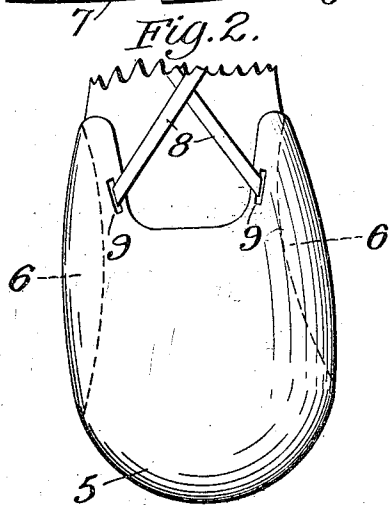
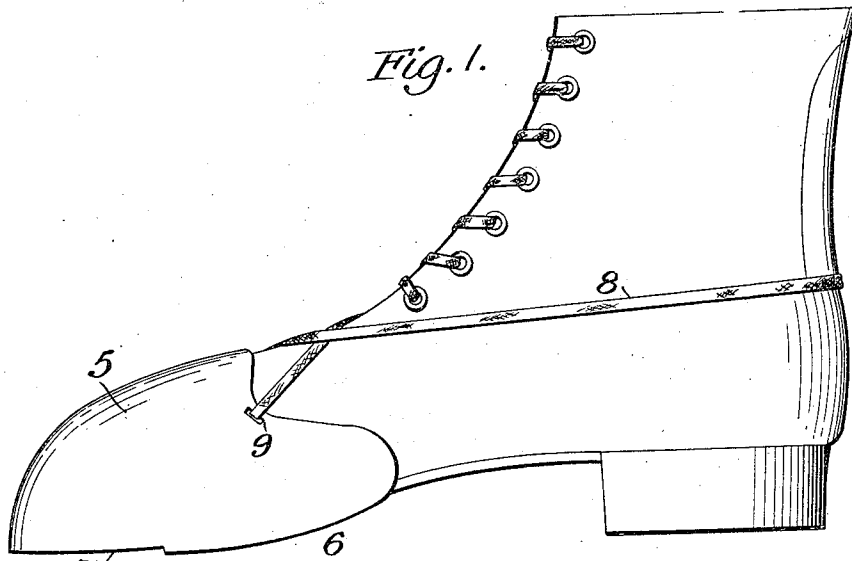


O. FRITZSCHE.
SHOE PROTECTOR.
APPLICATION FILED JAN. 31, 1911.

Patented Feb. 11, 1913.

1,053,024.



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UNITED STATES PATENT OFFICE.

OTTO FRITZSCHE, OF NEW YORK, N. Y.

SHOE-PROTECTOR.

1,053,024.

Specification of Letters Patent.

Patented Feb. 11, 1913.

Application filed January 31, 1911. Serial No. 605,803.

To all whom it may concern:

Be it known that I, OTTO FRITZSCHE, a subject of the Emperor of Germany, residing at New York, in the county of New York and State of New York, have invented new and useful Improvements in Shoe-Pro-
5 tectors, of which the following is a specification.

This invention relates to shoe protectors and more especially to metal coverings fitted over the toe and front part of a shoe to protect same from injurious substances such as lye, acids and similar substances which would quickly destroy the leather and in-
10 jure that part of the shoe only.

The invention consists of a cheap and light covering of sheet metal secured to the front of the shoe by means of strings or other fasteners as will be more fully de-
15 scribed in the following specification, set forth in the claims, and illustrated in the drawings wherein,—

Figure 1 is a side elevation of a shoe with the protector applied thereto. Fig. 2 is a top plan view of the protector. Fig. 3 is a bottom plan view of the protector. Fig. 4 is a view of the blank from which the pro-
20 tector is made.

When shoes are subjected to injurious materials, especially mortar which many workmen are employed to handle, the lime proves exceedingly injurious to the shoe by settling on the toe and the adjacent horizontal portion where it quickly destroys the leather, leaving the balance of the shoe to a great extent unimpaired, and it is to provide a cheap and simple device having little weight and which can be quickly applied to the shoe that the present invention has been designed.

The protector consists of a sheet metal cover 5 conforming with the shape of the toe and front part of the shoe and having inwardly extending flanges 6 at its lower edge 7. These flanges extend beneath the sole of the shoe and cause a slight pressure to be exerted by the protector upon the sole of the shoe for the purpose of holding it in place. In order to more effectually retain the protector on the foot of the wearer, a
45 string 8 is passed through perforations 9

on the upper side of the protector and carried back above the heel. This string 8 may be flexible and it may be a portion of the regular shoe string which is afterward passed through the eyelets in the upper part
50 of the shoe.

In the manufacture of this protector a sheet metal blank such as shown in Fig. 4 is employed, and formed into the protector as shown in the other figures, by a die which
55 at the same time punches the perforations 9.

It is obvious that the details of the protector may be modified without departing from the essential features above described and other securing means may be adopted
60 to hold the protector to the shoe. If found advisable the protector may cover a greater portion of the front of the shoe and be held on by forcing it upon the front of the shoe.

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

1. A shoe protector formed of a single blank of sheet material and bent to inclose the toe of a shoe and provided with rear edge portions extending below the front edge
70 portion and bent inwardly to engage the under side of the shoe, the sides of said protector being extended rearwardly, and a flexible support secured to the upper portions of said protector and adapted to be
75 passed around a shoe to hold said protector snugly on the toe of the shoe.

2. A shoe protector formed of a single blank of sheet material and bent to inclose the toe of a shoe with the forward portion
80 of its lower edge disposed flush with the underside of the shoe sole, the rear edge portions being extended below the front edge portion and bent inwardly to engage the under surface of the shoe, the sides of the
85 protector being extended rearwardly and inwardly to engage the shoulder formed by the sole of the shoe.

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

OTTO FRITZSCHE.

Witnesses:

JAMES F. DUHAMEL,

WILLIAM H. JOHANNESSEN.