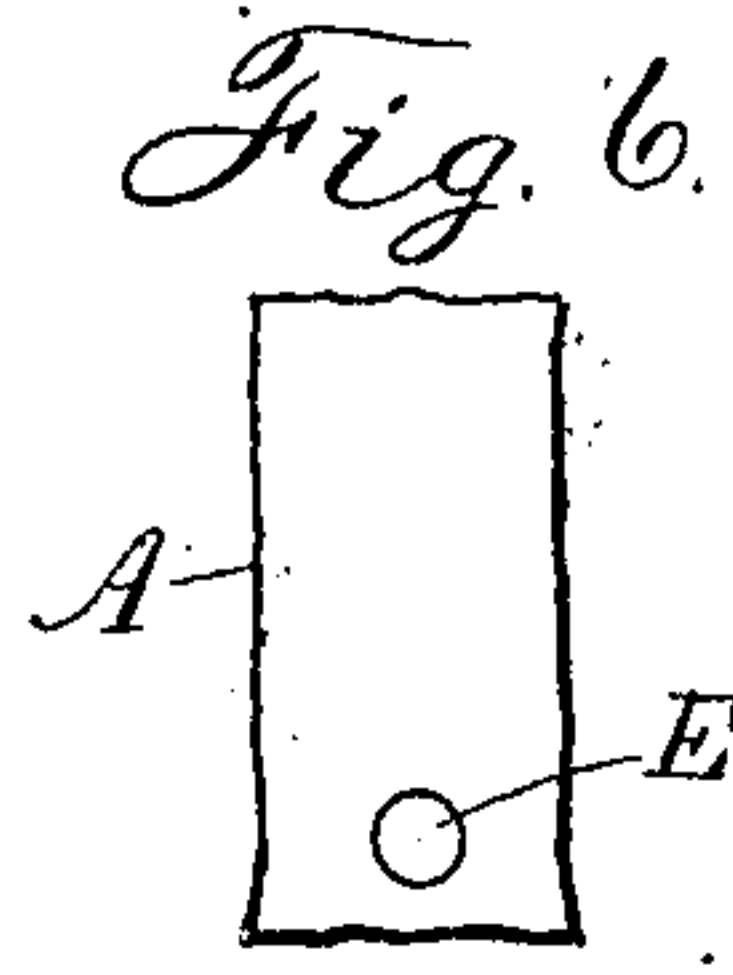
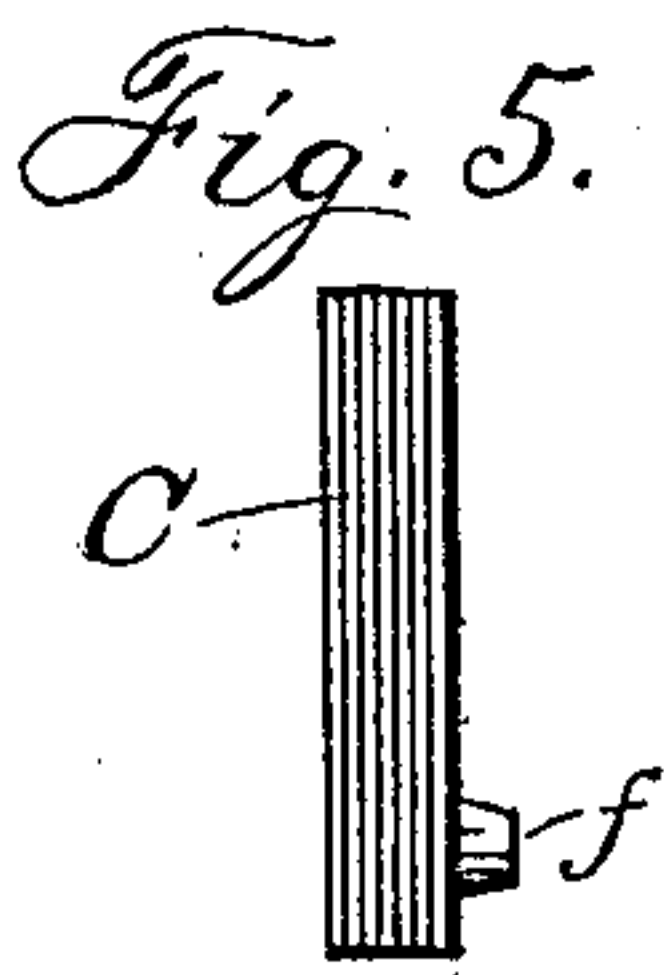
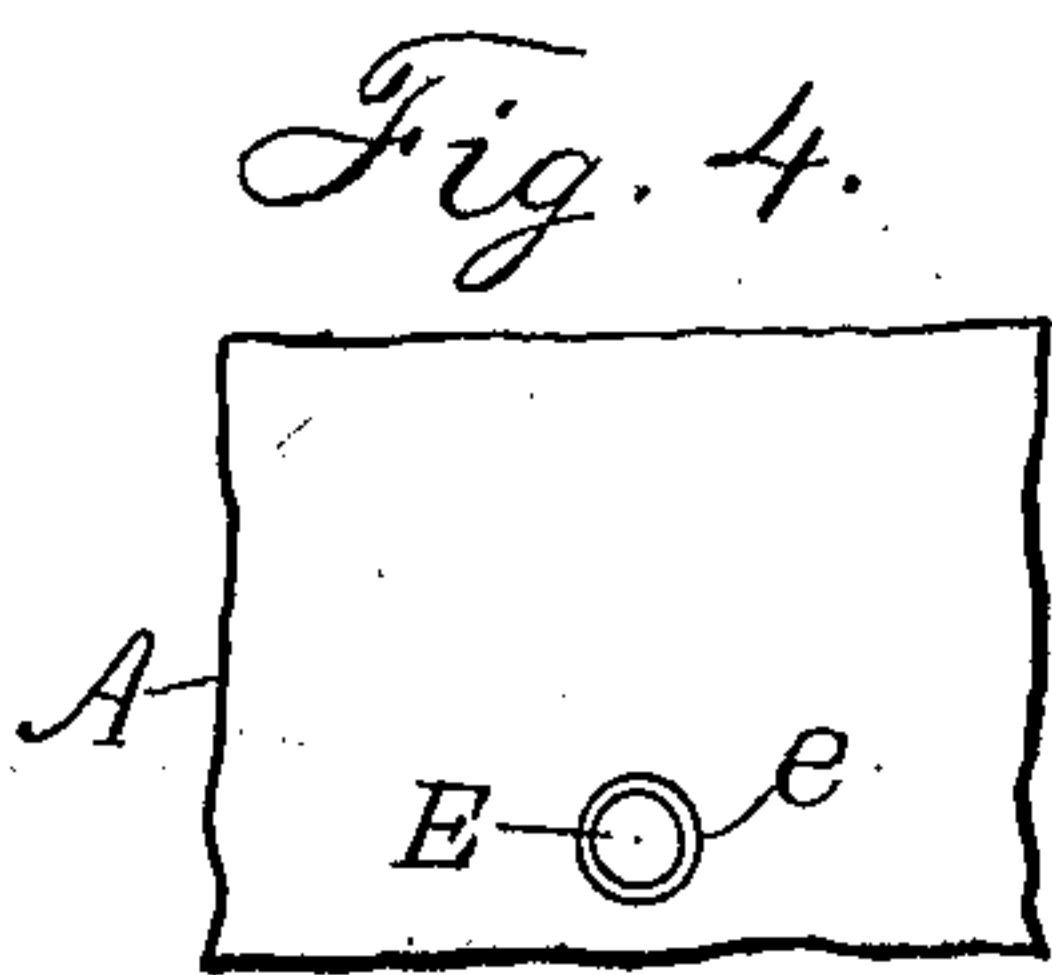
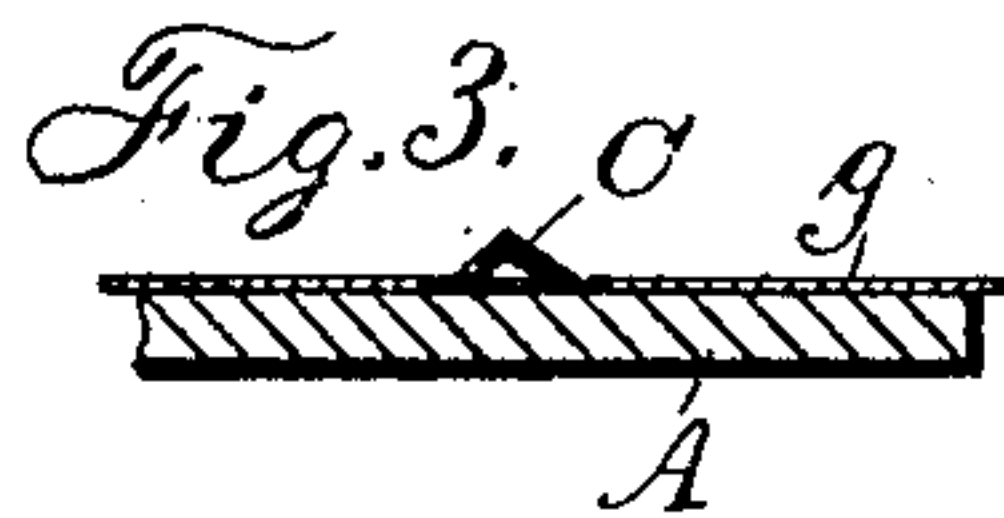
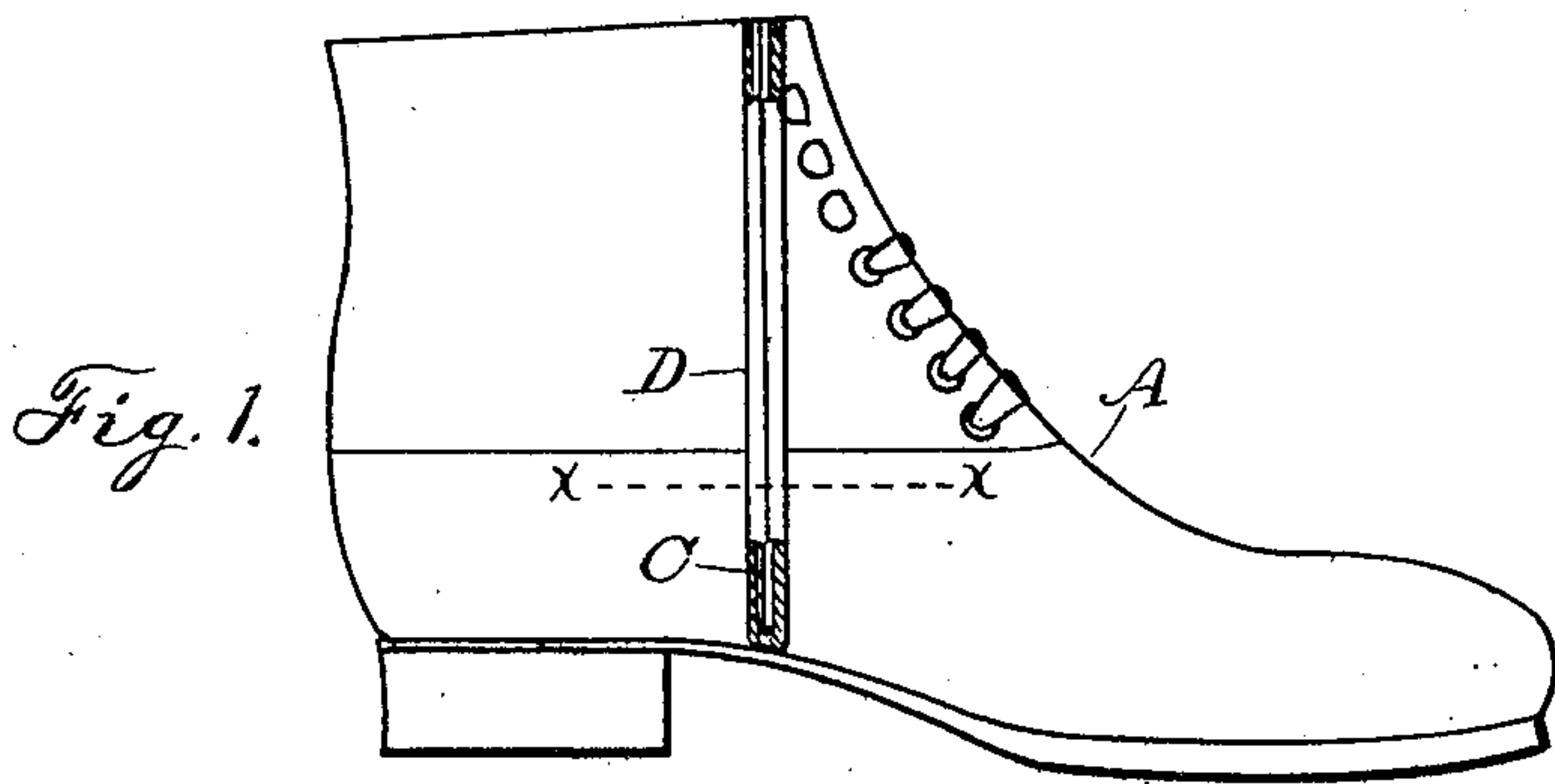


H. J. HICKS.
SHOE VENTILATOR.
APPLICATION FILED DEC. 2, 1908.

925,772.

Patented June 22, 1909.



Witnesses
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By

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Attorney

UNITED STATES PATENT OFFICE.

HARVEY J. HICKS, OF SALT LAKE CITY, UTAH.

SHOE-VENTILATOR.

No. 925,772.

Specification of Letters Patent.

Patented June 22, 1909.

Application filed December 2, 1908. Serial No. 465,729.

To all whom it may concern:

Be it known that I, HARVEY J. HICKS, a citizen of the United States, residing at Salt Lake City, in the county of Salt Lake and State of Utah, have invented new and useful Improvements in Shoe-Ventilators, of which the following is a specification.

My invention relates to the ventilation of boots and shoes while being worn. It may easily be attached to any boot or shoe by securing it upon the outside thereof, and it may be made up with the boot or shoe; in which event it is placed within the boot or shoe, and preferably between the leather and the lining.

The accompanying drawings illustrate the device, Figure 1 being a side elevation of a shoe with my device attached to its outer side. Fig. 2 is a cross section taken on line $x-x$ of Fig. 1. Fig. 3 is a view similar to Fig. 2, but showing the tube within the shoe. Fig. 4 is a portion of the side of a shoe showing a hole to admit the nipple of the tube, and an eyelet in said hole. Fig. 5 is an edge view of the lower part of the tube, and Fig. 6 is a view similar to Fig. 4 but with the hole having no eyelet.

The letter A designates an ordinary shoe having my ventilator attached thereto.

C is a resilient tube preferably made of rubber and triangular in cross section so as to lie flatly against the shoe. This tube C is secured to the outside of the shoe by pasting over it a strip of leather D, of the same color as the shoe. The upper end of this tube opens to the outer air while the lower end is closed and the tube is provided with a lateral

nipple f , preferably tapering outwardly. This nipple f is adapted to fit into a hole E in the side of the shoe. Preferably the hole E is furnished with an eyelet e .

When the ventilator is made up with the shoe, it is placed inside, between the side of the shoe and its lining g , as shown in Fig. 3. In this form the nipple f is made quite short, having to pass through the lining only, and is put on the side of the tube next to the lining.

In the act of walking the air is alternately forced into and out of the shoe through the tube C.

Having now described the invention, what I claim and desire to secure by Letters Patent; is—

1. A shoe ventilator composed of a triangular, flexible tube extending from the upper part of the side of the shoe, down to near the shoe sole, a nipple on the side of said tube near its closed bottom, said shoe having a hole in its side to admit said nipple, an eyelet in said hole and an outer cover to conceal said tube substantially as described.

2. In a shoe ventilator having a tube to conduct the air into and out of the shoe, a tapering lateral nipple on the side of said tube near its closed bottom, the shoe having a hole provided with an eyelet in its side to admit said nipple, for the purpose set forth.

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

HARVEY J. HICKS.

Witnesses:

SNYDER L. HAGUE,
WILLIAM W. NUTTING.