

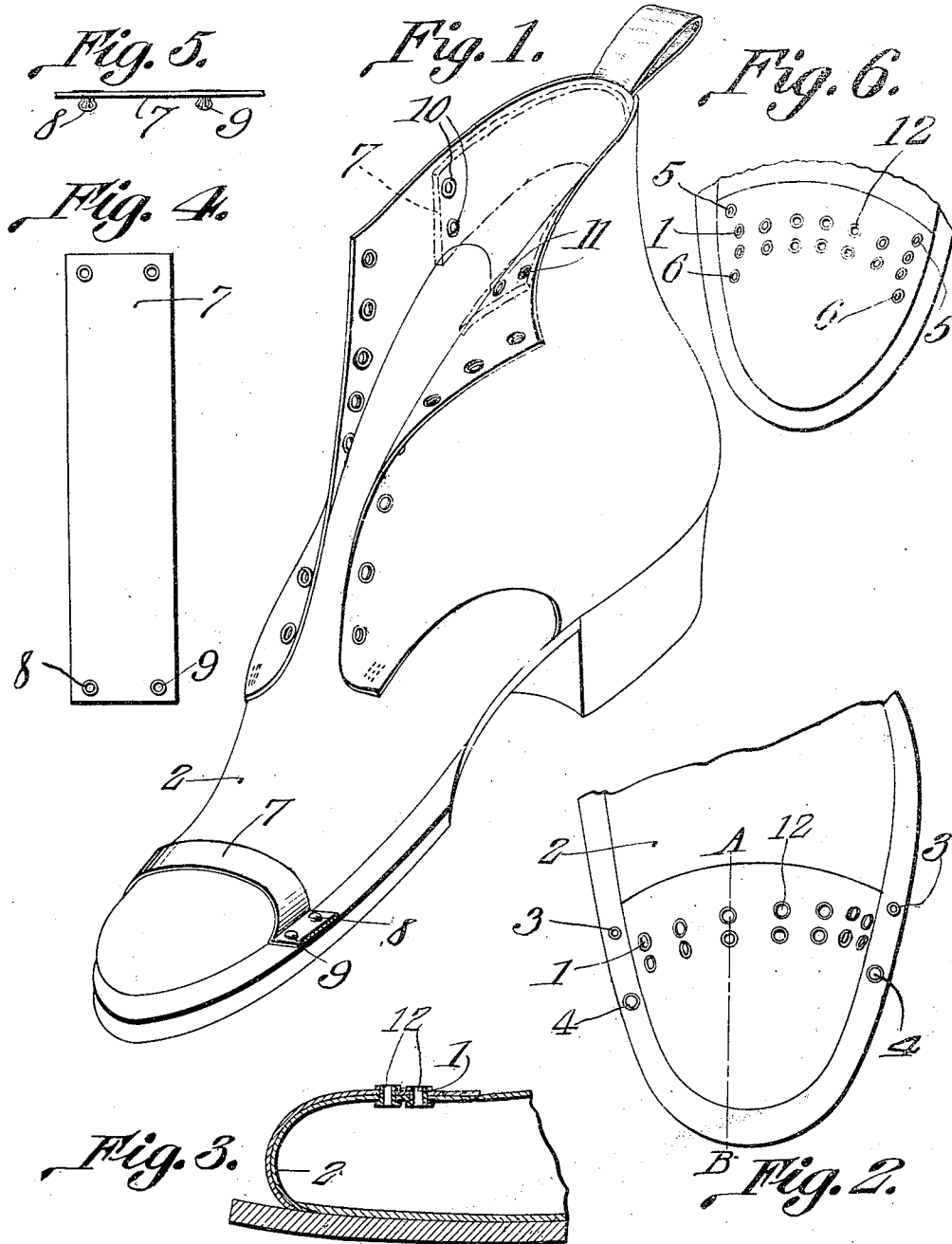
G. P. MITCHELL.

SEOE.

APPLICATION FILED JULY 13, 1910.

988,011.

Patented Mar. 28, 1911.



Witnesses

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UNITED STATES PATENT OFFICE.

GEORGE P. MITCHELL, OF SHENANDOAH, IOWA.

SHOE.

988,011.

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To all whom it may concern:

Be it known that I, GEORGE P. MITCHELL, a citizen of the United States, residing at Shenandoah, in the county of Page and State of Iowa, have invented a new and useful Shoe, of which the following is a specification.

This invention relates to shoes.

In the ordinary shoe as now manufactured there is little or no ventilation afforded, and as a result, the feet become hot and perspire, this being very detrimental to the life of the shoe and hose, and also unhealthful to the wearer thereof.

One of the objects of the invention is to provide means for ventilating the shoes and keeping the feet cool and free from perspiration.

Another object of the invention is to provide means for closing the ventilating openings in wet weather.

With these and other objects in view the invention consists in certain novel details of construction and combinations of parts hereinafter more fully described and pointed out in the appended claim.

In the accompanying drawings the preferred form of the invention has been shown.

In said drawings:—Figure 1 is a perspective view of a shoe having the present invention combined therewith. Fig. 2 is a top plan view of the toe portion of a ventilated shoe, showing the cover removed. Fig. 3 is a section on the line A—B Fig. 2. Fig. 4 is a plan view of the cover. Fig. 5 is an enlarged end elevation of the cover. Fig. 6 is a view similar to Fig. 2 and showing a slightly modified form.

Referring to the figures by characters of reference 1 designates parallel series of perforations formed in the toe portion 2 of a shoe, for the purpose of permitting the circulation of air therethrough. Formed at either side of the series of perforations 1 and adjacent the ends of said series are socket members 3 and 4, such for example, as used upon gloves and the like, these members being arranged in that portion of the sole extending laterally from the shoe upper. If preferred, and as shown at 5 and 6 in Fig. 6, corresponding socket members may be secured in the sides of the upper instead

of in the sole. Eyelets may be used at 5 and 6 for sockets.

As will be seen from the foregoing, the perforations 1 formed in the toe portion of the shoe permit of a free circulation of air through the entire shoe, and, due to the action of the foot when walking, the foul, stale air is forced out and clean fresh air is drawn in through said openings, thus affording a perfect ventilation and keeping the foot dry and cool.

In order to prevent the admission of moisture during wet weather, a cover 7 of leather or the like is provided which is adapted to fit over and close the openings or perforations 1. The said cover 7 is provided at each end thereof with ball members 8 and 9 (similar to the ball members commonly used on gloves), which are adapted to snap into the socket members 3 and 4 or 5 and 6, and hold the cover 7 firmly across the toe portion of the shoe and thus close the openings or perforations 1. With the cover in this position it will be seen that all moisture is thus prevented from entering the shoe through the perforations 1. When not in use on the toe portion of the shoe, this cover may be secured on the inner face of the top of the shoe, thereby affording a convenient method of carrying said cover, and at the same time having it readily accessible in case of sudden storms, etc. In order that said cover may be so carried there is secured in the inner face of the top portion of the shoe on both sides thereof, socket members 10 and 11 adapted, when the cover 7 is not in use to be engaged with the ball members 8 and 9 at both ends of the cover 7 and thereby support said cover against the sides and back of the shoe.

If desired each of the perforations 1 may be lined with an eyelet 12 such as used in laced shoes.

It is of course to be understood that various changes may be made in the construction and arrangement of the parts without departing from the spirit or sacrificing any of the advantages of the invention as defined in the appended claims.

What is claimed is:

A shoe having ventilating openings arranged in a series extending across the toe portion of the shoe, a fastening device se-

cured to each side of said toe portion and adjacent the series of openings, a flexible strip extending from one side to the other of the toe portion and closing the openings, and means upon the end portions of the strip for engaging the fastening devices to hold the strip stretched transversely of the shoe.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature 10 in the presence of two witnesses.

GEORGE P. MITCHELL.

Witnesses:

E. F. CLOVIS,
E. C. GAGE.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
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