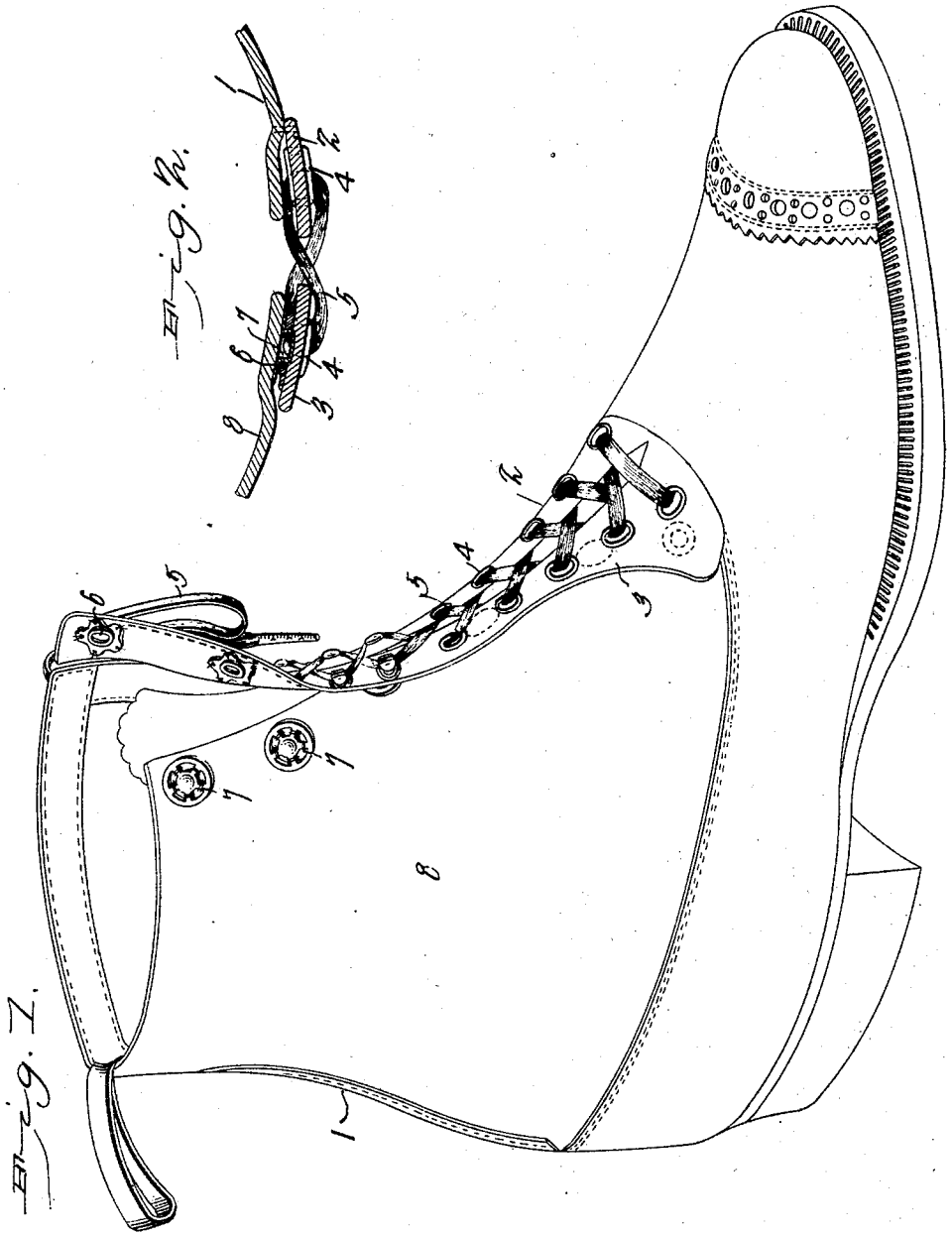
No. 719,742. PATENTED FEB. 3, 1903.

H. F. BUTTNER.

SHOE.

APPLICATION FILED SEPT. 11, 1902.

NO MODEL. 2 SHEETS—SHEET 1.



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NO MODEL. 2 SHEETS—SHEET 2.

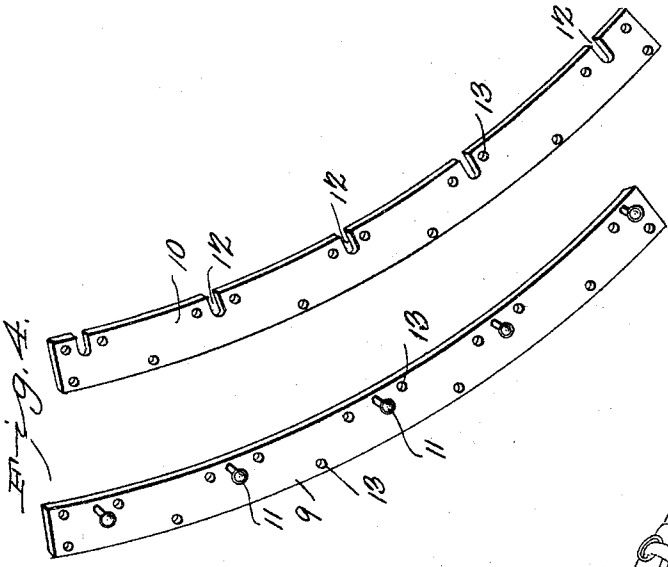


Fig. 4.

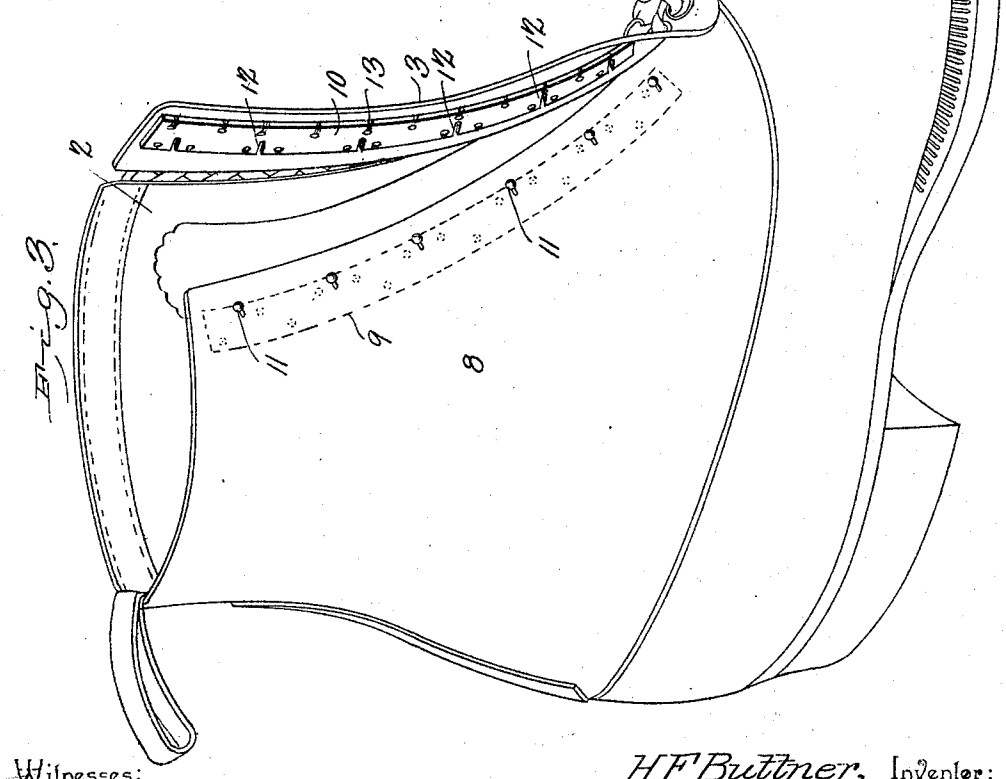


Fig. 3.

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UNITED STATES PATENT OFFICE.

HENRY F. BUTTNER, OF IDAHO FALLS, IDAHO.

SHOE.

SPECIFICATION forming part of Letters Patent No. 719,742, dated February 3, 1903.

Application filed September 11, 1902. Serial No. 122,989. (No model.)

To all whom it may concern:

Be it known that I, HENRY F. BUTTNER, a citizen of the United States, residing at Idaho Falls, in the county of Bingham and State of Idaho, have invented a new and useful Shoe, of which the following is a specification.

This invention relates to shoes.

The object of the invention is to obviate the necessity of loosening the shoe-lacing for the purpose of permitting removal of the shoe and to effect in an expeditious and certain manner the fastening of the shoe over the crest of the instep.

With these and other objects in view, as will appear as the nature of the invention is better understood, the same consists in the novel construction and combination of parts of a shoe-fastening, as will be hereinafter fully described and claimed.

In the accompanying drawings, forming a part of this specification, and in which like numerals of reference indicate corresponding parts, there are illustrated two forms of embodiment of the invention each capable of carrying the same into practical operation, it being understood that the elements therein exhibited may be varied or changed as to shape, proportion, and exact manner of assemblage without departing from the spirit thereof.

In the drawings, Figure 1 is a view in perspective of a shoe equipped with the improvements constituting one embodiment of the present invention. Fig. 2 is a view in transverse section through the flies and upper portion of the vamp. Fig. 3 is a view in perspective of a shoe equipped with the improvements constituting a second embodiment of the invention. Fig. 4 is a collective detail view of the fastening devices used in connection with the form of embodiment of the invention shown in Fig. 3.

Referring to the drawings and to Figs. 1 and 2 thereof, 1 designates a shoe of any preferred construction and having at its front over the crest of the instep a fixed fly 2, as usual, and a detachable fly 3, the latter constituting the gist of the present invention. Both of the flies are provided with lacing-eyelets 4, as usual, through which is threaded the lacing 5. The fly 3 carries in this instance the socket members 6 of a plurality of so-called "glove-fasteners," the ball members 7 of which are carried by the vamp 8; but it is to be understood that the arrangement of these parts may be transposed, if preferred. The disposition of the parts of the fastener shown, however, will generally be adopted, for the reason that by disposing the balls of the fastening members outward no inconvenience will be felt in wearing the shoe. The inner edge of the detachable fly is made to conform to the ordinary line of stitches disposed adjacent to the edges of the flies, so that when secured in place the shoe will have the appearance of an ordinary lace-shoe. By disposing the detachable fly in the manner exhibited the shoe when being worn will have all the comfort of an ordinary lace-shoe, but will obviate the necessity of lacing and unlacing each time the shoe is put on or taken off.

In adjusting the shoe to the foot the detachable fly is secured in position, and the lacing is then threaded through the eyelets, is drawn as taut as may be desired, and is then tightened in the usual manner. As the shoe is broken in the lacing may be tightened from time to time to cause a snug fit over the instep.

Aside from facilitating the putting on and taking off of the shoe the arrangement shown effects a saving in shoe-laces, as one pair may be used throughout the life of an ordinary pair of shoes.

In the form of embodiment of invention shown in Figs. 3 and 4 two elastic or resilient strips of metal 9 and 10 are employed, the strip 9 having a plurality of headed studs 11, engaged by slots 12 in one edge of the strip 10. The strip 9 may be associated with the vamp in any preferred manner, as by being secured on the outer side thereof; but to give the shoe a neat and finished appearance it is preferred to house it between the plies of the vamp, as indicated by dotted lines in Fig. 3, and allow the studs 11 to project outward therefrom. The strip 10 is secured to the inner side of the detachable fly. These strips may be associated with the shoe elements in any preferred manner, and in this instance the assemblage is effected by passing threads through openings 13, provided in the strips

for the purpose. In securing the detachable fly to the vamp under the arrangement just described the fly is drawn over the vamp to permit the headed studs to enter the slots 12, and a secure assemblage of the fly and vamp will thus be effected.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. A shoe having at its front a fixed and a detachable fly, adjustable means for connecting the parts, and attaching devices for securing the detachable fly to the vamp.

2. A shoe having at its front a fixed and a detachable fly, a lacing for holding the parts adjustably connected, and means for securing the detachable fly to the vamp.

3. A shoe having at its front a fixed and a detachable fly, a lacing for holding the parts adjustably connected, and ball-and-socket fastening devices for securing the detachable fly to the vamp.

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

HENRY F. BUTTNER.

Witnesses:
A. L. CAMPBELL,
N. D. PORTER.