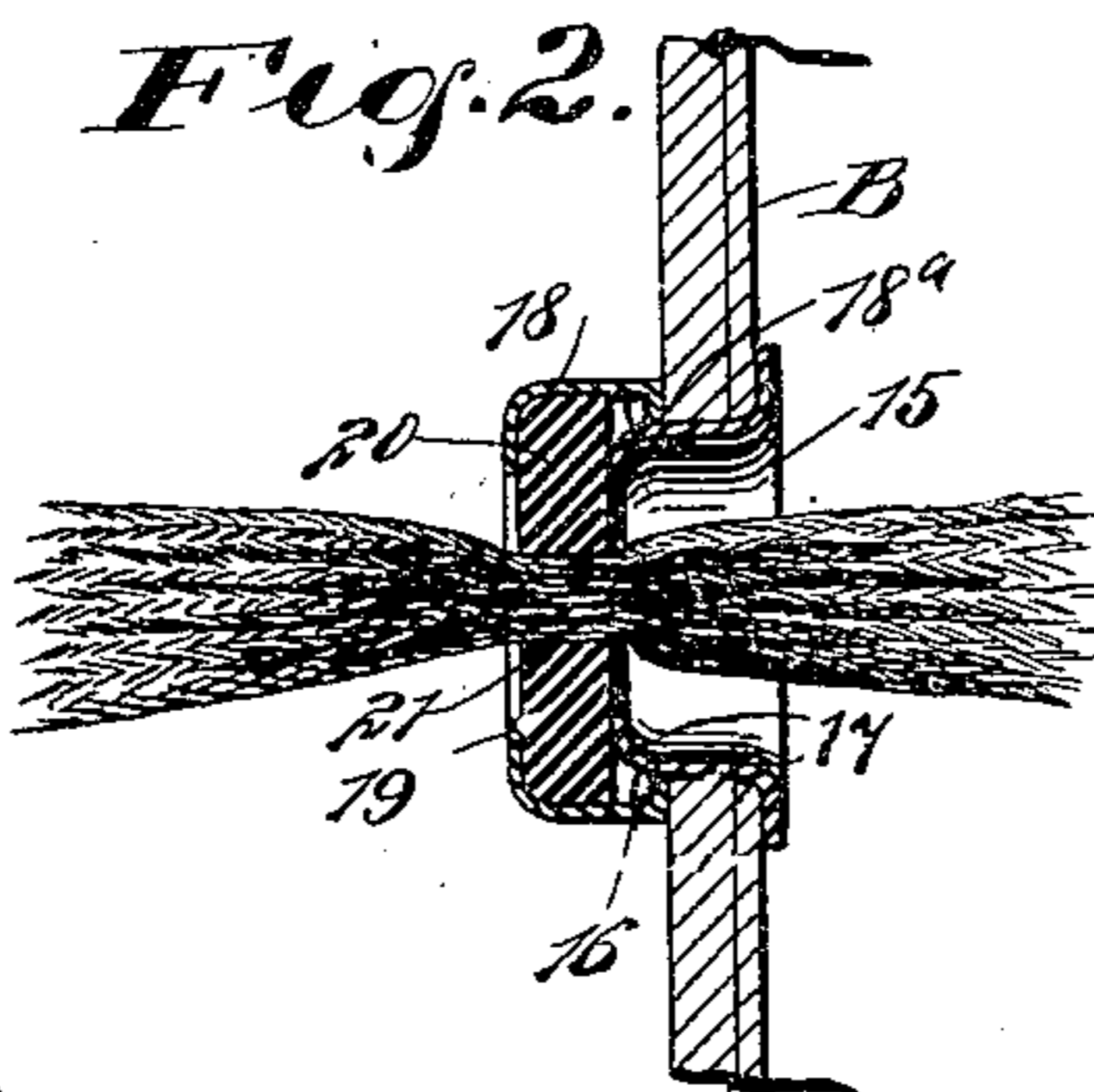
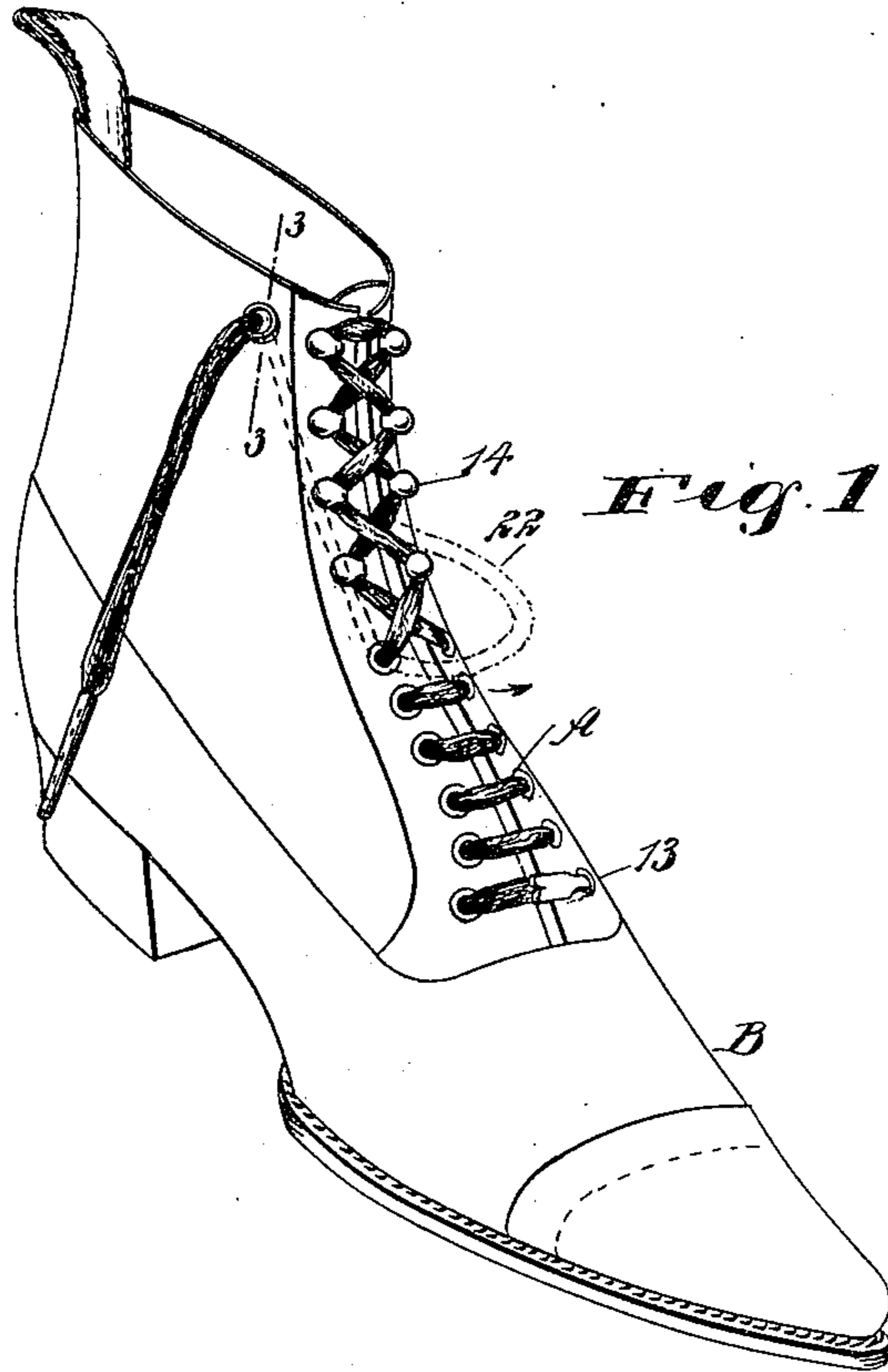


No. 626,174.

Patented May 30, 1899.

M. H. LIPMAN.
SHOE LACE FASTENING.
(Application filed July 30, 1898.)

(No Model.)



WITNESSES:

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UNITED STATES PATENT OFFICE.

MORRIS H. LIPMAN, OF NEW YORK, N. Y.

SHOE-LACE FASTENING.

SPECIFICATION forming part of Letters Patent No. 626,174, dated May 30, 1899.

Application filed July 30, 1898. Serial No. 687,294. (No model.)

To all whom it may concern:

Be it known that I, MORRIS HILLER LIPMAN, of the city of New York, borough of Manhattan, in the county of New York and State of New York, have invented a new and useful Improvement in Shoes and Shoe-Laces, of which the following is a full, clear, and exact description.

The object of this invention is to provide a shoe that may be quickly and conveniently fastened with a single lace manipulated by one hand, which is effected by means of a peculiarly-constructed eyelet serving to receive and hold the end of the lace, thus avoiding tying a knot in the same.

The invention consists in the novel construction and combination of the several parts, as will be hereinafter fully set forth, and pointed out in the claim.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar characters of reference indicate corresponding parts in both figures.

Figure 1 is a perspective view of a shoe having the improved lace applied. Fig. 2 is an enlarged section taken through the shoe, practically on the line 3 3 of Fig. 1.

The lace A is provided at one end with a hook, while at the opposite end of the lace the usual tip is secured.

The shoe B is provided with the ordinary eyelets 13 and studs 14, both the eyelets and studs being arranged in the customary manner at each side of the front opening of the upper of the shoe.

In one side of the shoe, near the top and adjacent to the front opening, an eyelet 15 is inserted and secured, the outer end of said eyelet being preferably formed with diverging marginal surfaces 16 and 17, the surface 16 extending outwardly and the surface 17 inwardly. A casing 18, usually conforming to the shape of the eyelet 15, is attached to said eyelet in any approved manner. In the drawings such attachment is provided for by forming an inwardly-extending flange 18^a at the inner edge of the casing, which flange is made to enter beneath the outwardly-extending marginal portion or flange 16 of the eyelet. The casing 18 is provided with an opening 19 in its outer face, and the said casing is adapted to receive an elastic block 20, of rubber or a similar material, which block has a

central opening 21 extending through from one face to the other, and the inner face of the said elastic block is supported by the inwardly-extending marginal surface or flange 17 of said eyelet, as is plainly shown in Fig. 2.

In the application of the lace to the shoe the hook is made to enter one of the lowermost eyelets 13 in the shoe. The lace is then carried to the other lowermost eyelet, across the opening at the front of the shoe, and to the other pair of eyelets above the lowermost ones, the lace in passing from one eyelet of the pair to the other being carried over the front opening of the shoe. When the lace has reached one of the uppermost pair of eyelets, it is formed in a loop 22 and is passed inwardly through the other eyelet of the uppermost pair, thence upwardly inside of the shoe, out through the side eyelet 15, and through the opening 21 in the elastic block 20.

When the shoe is to be laced, the members of the loop 22, formed as above set forth, are made to engage with alternate studs 14, and after the members of the loop have been brought to an engagement with all of the studs the lace is drawn through the side eyelet and elastic block until the shoe is properly closed over the instep and ankle portion of the foot, whereupon the shoe will remain laced, the elastic block 20 preventing the free end of the lace from becoming loosened.

When it is desired to remove the shoe from the foot, it is simply necessary to disconnect the member of the loop 22 from the studs 14, and the shoe may then be opened sufficiently to admit of the ready withdrawal of the foot therefrom.

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

A shoe, having an eyelet fast therein, a casing secured to the eyelet and having an opening in the outer face, the opening registering with the opening in the eyelet, and an elastic block carried in the casing and held thereby against the eyelet, the elastic block having an opening extending through it and registering with the opening in the eyelet and casing.

MORRIS H. LIPMAN.

Witnesses:

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