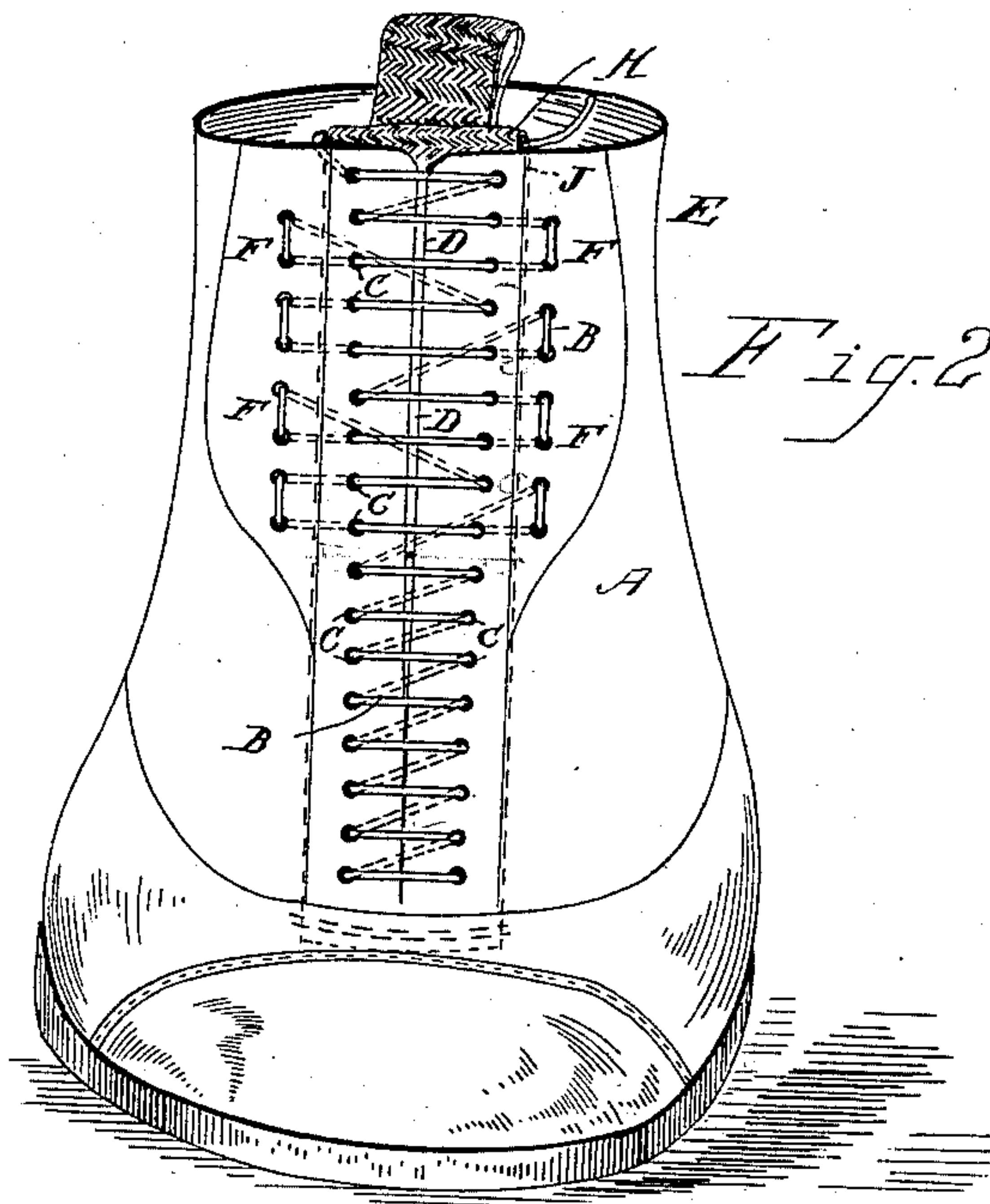
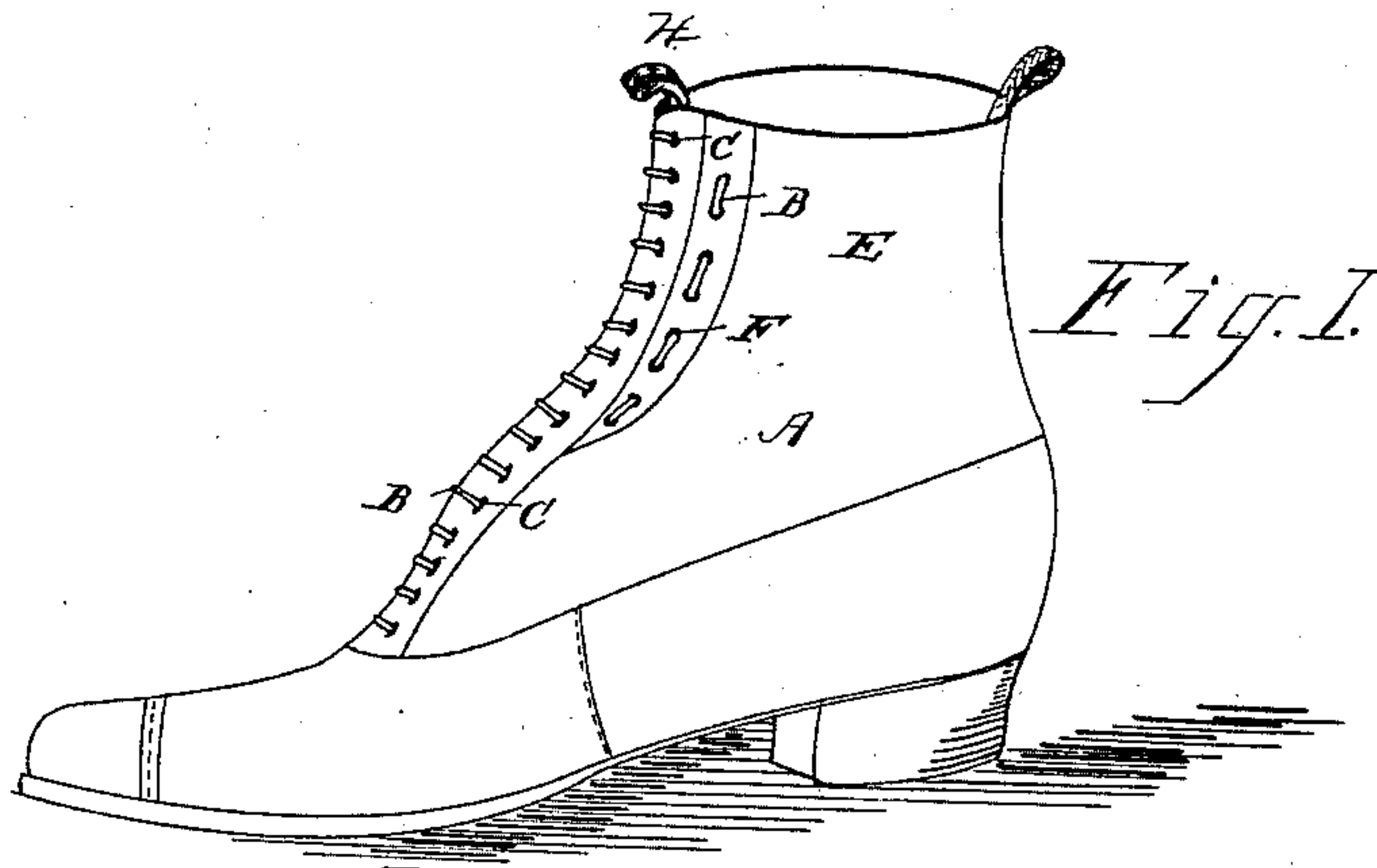


(No Model.)

G. W. HAYDEN.  
LACED BOOT OR SHOE.

No. 341,004.

Patented May 4, 1886.



Witnesses  
Wm. J. Bellows  
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# UNITED STATES PATENT OFFICE.

GEORGE W. HAYDEN, OF BOSTON, MASSACHUSETTS.

## LACED BOOT OR SHOE.

SPECIFICATION forming part of Letters Patent No. 341,004, dated May 4, 1886.

Application filed July 13, 1885. Serial No. 171,509. (No model.)

*To all whom it may concern:*

Be it known that I, GEORGE W. HAYDEN, of Boston, in the county of Suffolk and State of Massachusetts, have invented certain new and useful Improvements in Laced Boots and Shoes, of which the following is a full, clear, and exact description.

The object of this invention is to render a boot or shoe, which is adapted to be laced, capable, after having been laced and the lacing secured, of being placed upon and removed from the foot of the wearer from time to time, as may be required, without necessarily disturbing the so-secured lacing.

To this end the invention also consists in a boot or shoe having its upper slitted, as usual in boots or shoes which are to be laced, of lacing holes or studs or other equivalent or suitable devices for the running of a lacing cord or cords made of india-rubber or other elastic material, preferably covered or otherwise suitably protected or combined with woven or braided strands of fibrous material, which are disposed at the instep or instep and leg portion of the slitted upper—or, in other words, at that portion of the upper which necessarily must extend to allow the boot or shoe to pass onto and off of the foot, and preferably at each side of said slit—in a manner and in relation to said slitted opening as to secure at such portion of the boot or shoe, and as compared with the length of the lacing-cord at the other lacing portion thereof, an increased length of lacing-cord, and such a length as, in the placing of the boot or shoe on or removing it from the foot, and after the lacing cord or cords have been laced and secured, to allow of a then sufficient extension of said cord or cords without any other practical or substantial movement thereof, and without undue strain thereon, to enable the boot or shoe to be placed on and removed from the foot, and with the boot or shoe on the foot hold it thereto with the closeness of fit to which it was previously laced or adapted and secured by the lacing cord or cords.

In the accompanying plate of drawings the present invention is illustrated, and Figure 1 is a perspective view of a boot made in accord-

ance therewith. Fig. 2 is a front view on an enlarged scale.

In the drawings, A represents a laced boot made in every respect, except as to the features of this invention, the same as ordinary, and therefore needing no more particular description herein.

B is the lacing-cord, made of india-rubber or of any other suitable elastic material, preferably inclosed or otherwise protected or combined with a covering of woven or braided fibrous material.

C are eyelet-holes for the passage of the lacing-cord B. These holes C are each side of the slit D at the front of the boot, and at the upper portion, E, of the boot and that particularly making the instep and the leg thereof, just above the instep, the slit D, at each side, has a double row of these lacing eyelet-holes C—that is, a row, F—in addition to and outside of the usual row, G. The lacing-cord is passed through these series of eyelet-holes in the usual manner, forward and backward, and as shown on the drawings, and through the finger receiving or pull loop H of a tongue-piece, J. The tongue-piece is secured to the inside of the boot at the lower end of the rows of lacing-holes, and extends therefrom under the laced cord B, between it and the foot of the wearer to the upper end of the boot, where its finger or pull loop K receives the lacing-cord, which serves to keep it in place.

The tongue-piece J is used to pull the boot onto the foot and to assist in its removal.

An elastic lacing-cord, either alone or combined with lacing-holes arranged as described, enables the boot, after having been laced as desired and its lacing secured, to be then placed on and removed from the foot as required, without disturbing the previously adjusted and secured lacing, the advantages of which are so obvious as not to need any mention herein.

The invention herein described is as applicable to shoes as to boots, and is not to be limited to eyelet or other lacing boots, as lacing studs or hooks may be used in lieu thereof.

Having thus described my invention, I claim—

A laced boot or shoe provided with the



usual slitted opening, and with an elastic lacing which runs from side to side of the opening, and at either or both sides thereof has lateral extensions continuous with it, substantially as described, for the purpose specified.

In testimony whereof I have hereunto set

my hand in the presence of two subscribing witnesses.

GEORGE W. HAYDEN.

Witnesses:

ALBERT W. BROWN,  
WM. S. BELLOWS.