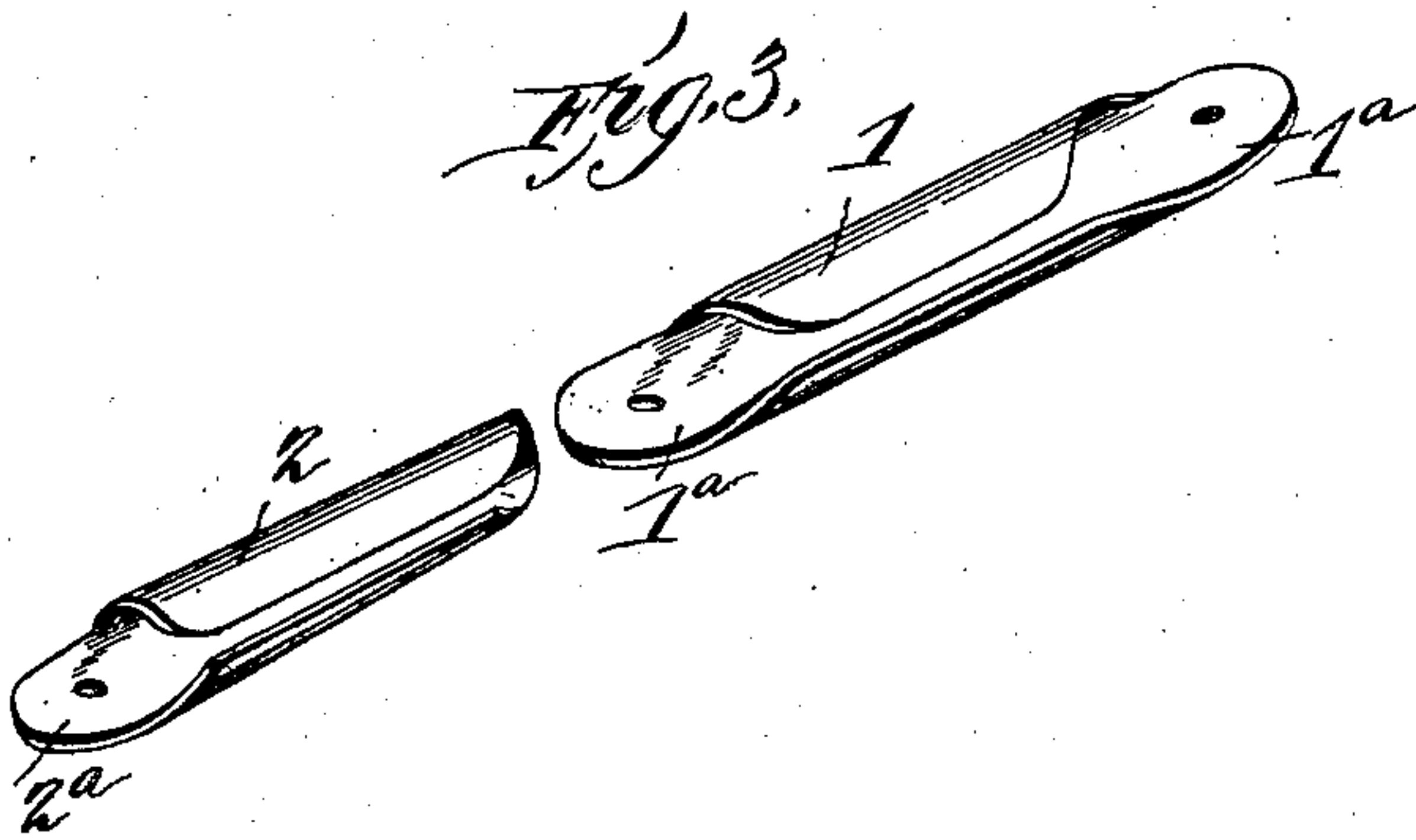
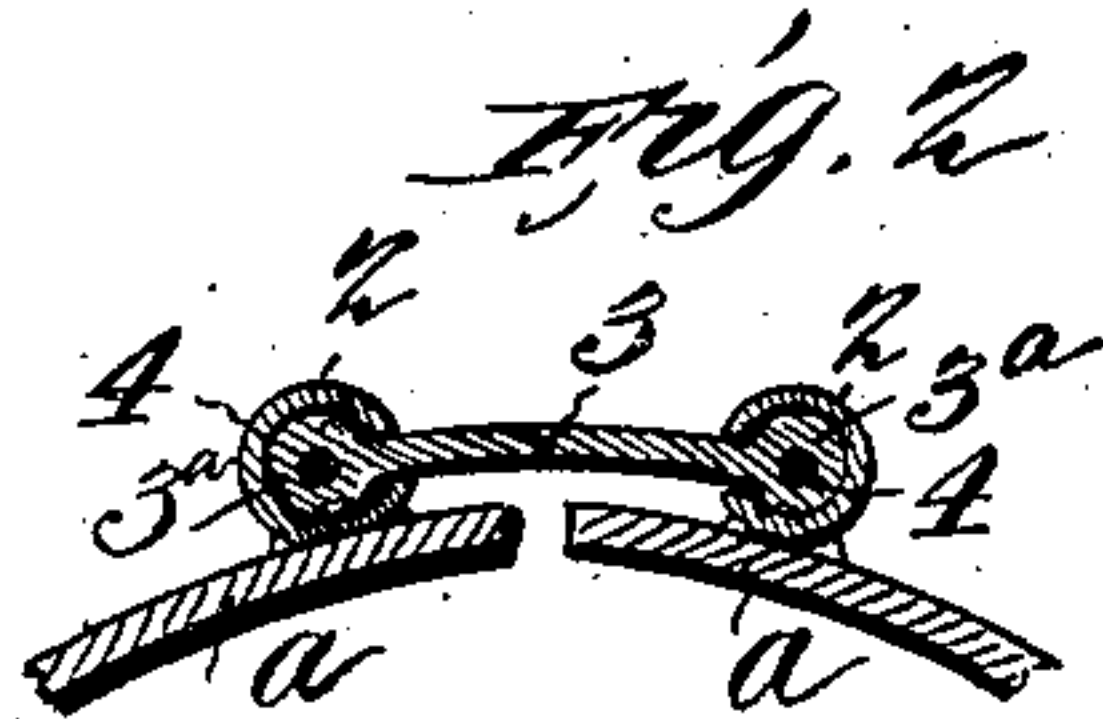
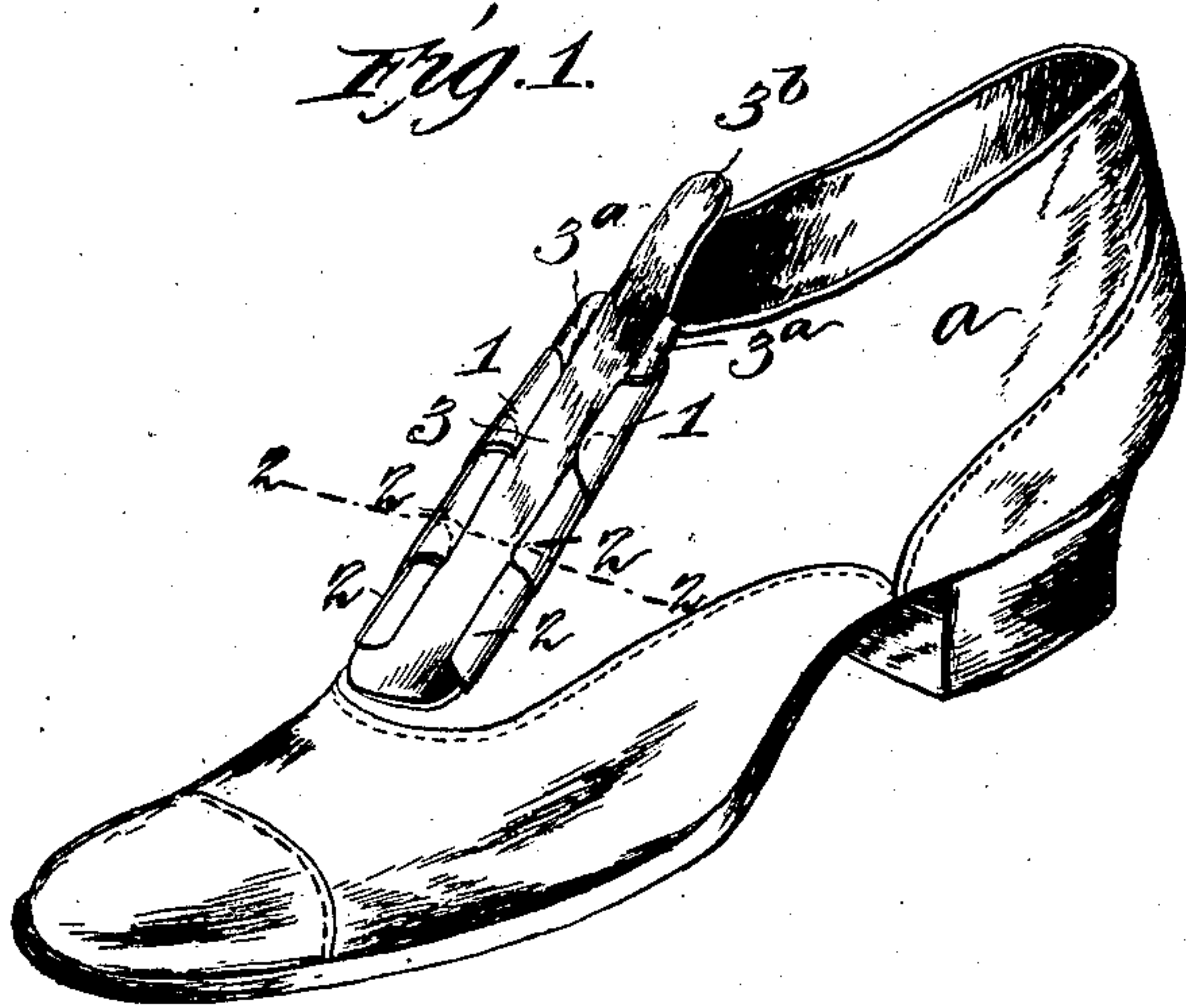


No. 734,360.

PATENTED JULY 21, 1903.

F. PASCHEN & J. DUCKRO.
FASTENING FOR SHOES, &c.
APPLICATION FILED AUG. 27, 1902.

NO MODEL.



WITNESSES:
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UNITED STATES PATENT OFFICE.

FREDERICK PASCHEN AND JOSEPH DUCKRO, OF TAMPA, FLORIDA.

FASTENING FOR SHOES, &c.

SPECIFICATION forming part of Letters Patent No. 734,360, dated July 21, 1903.

Application filed August 27, 1902. Serial No. 121,236. (No model.)

To all whom it may concern:

Be it known that we, FREDERICK PASCHEN and JOSEPH DUCKRO, of Tampa, Hillsboro county, Florida, have invented an Improved Fastening for Shoes, &c., of which the following is a full, clear, and exact description, reference being had to the accompanying drawings, making part of this specification, in which—

Figure 1 is a perspective view of a shoe provided with our improved fastener. Fig. 2 is a cross-section on the line 2 2 of Fig. 1. Fig. 3 is a perspective view of two slotted tongue-guides constructed according to our invention.

Our invention is an improvement in that class of shoe-fasteners in which buttons, hooks, or lacings usually employed are dispensed with.

The invention is more particularly an improvement in that class of fastening in which a slidable member engages opposite guides secured to opposite edges of the slot in the shoe-upper.

The details of construction, arrangement, and operation are as hereinafter described.

The shoe-upper *a* is represented as slit lengthwise over the instep in the usual way. To each edge of the upper thus slitted is attached a series of tubular slotted guides 1 and 2 for the slidable tongue. The upper guide 1 is secured to the upper *a* by means of rivets, one being applied at each end and passing through a flat projecting tongue 1^a. The other and smaller guides 2 are provided with a projecting tongue 2^a at the lower end and are secured at that end only by means of a rivet, the upper end of the guide being tapered and adapted to be inserted and held in the lower end of the guide next above. The guides are constructed of sheet metal or any other duly rigid material and have the form indicated in Fig. 3, in which the outer edge is shown curved over and inward and the inner edge curved upward and inward, a slot being left between them in which the tongue 3 slides. The latter is constructed of leather or other suitable flexible material and is provided along each edge with a roll or rib constituting an enlargement 3^a, which is of

greater diameter than the slots in the several guides 1 and 2. In consequence of this difference of diameter it is apparent that when the tongue is inserted in the guides, as shown in Figs. 1 and 2, the enlargements or ribs 3^a prevent it being drawn laterally out of the guides. The tongue 3 is applied after the shoe has been drawn on the foot, the upper end 3^b serving as a finger-hold for the purpose. The upper ends of the ribs or side enlargements 3^a are first drawn into the lower and opposite guides 2, next into the succeeding pair of guides 2, and then into the upper guides 1, the edges of the upper *a* being thus drawn together as the tongue is drawn upward. Thus the shoe is easily and quickly fastened by the simple insertion of the tongue and its upward movement in the guides, as described. In order to remove the tongue to unfasten the shoe, the lower projecting end of the tongue is seized and the same drawn downward. In order to impart greater rigidity to the ribs or side enlargements 3^a of the tongue 3, a wire 4 or other stiffening material is inserted lengthwise in the center of the ribs, as indicated in Fig. 2.

What we claim is—

1. A shoe having a slitted upper and a series of tubular slotted guides formed of rigid material, and secured to the edges of the upper, the end of each lower guide being inserted in the lower end of the one next above, as shown and described.

2. The combination with a shoe having a slitted upper and a series of tubular guides secured to the opposite edges of its slit, the lower end of each lower guide being inserted in the one next above, and the tongue provided with enlarged side edges which are adapted to be held and slide in the guides in the manner described.

3. A shoe provided with a slitted upper having a series of slotted tongue-guides arranged at the edge of the slit, the upper guide being secured by two rivets and those below by a single rivet, the upper ends of the lower ones being reduced and inserted in the lower ends of those next above, substantially as shown and described.

4. A shoe having a slitted upper and pro-

vided at each edge of the same with a series
of rigid and slotted tongue-guides, all the
guides below the upper one being of less di-
ameter at the upper end than the other end,
5 and each such reduced end being inserted
and held in the guide next above, in the man-
ner shown and described.

Witness our hands this 9th day of August;
1902.

FREDERICK PASCHEN.
JOSEPH DUCKRO.

In presence of—
S. PASCHEN,
CHAS. J. LADD.