

(No Model.)

W. H. HUNTINGTON.

BOOT OR SHOE TIP.

No. 356,471.

Patented Jan. 25, 1887.

Fig. 1.

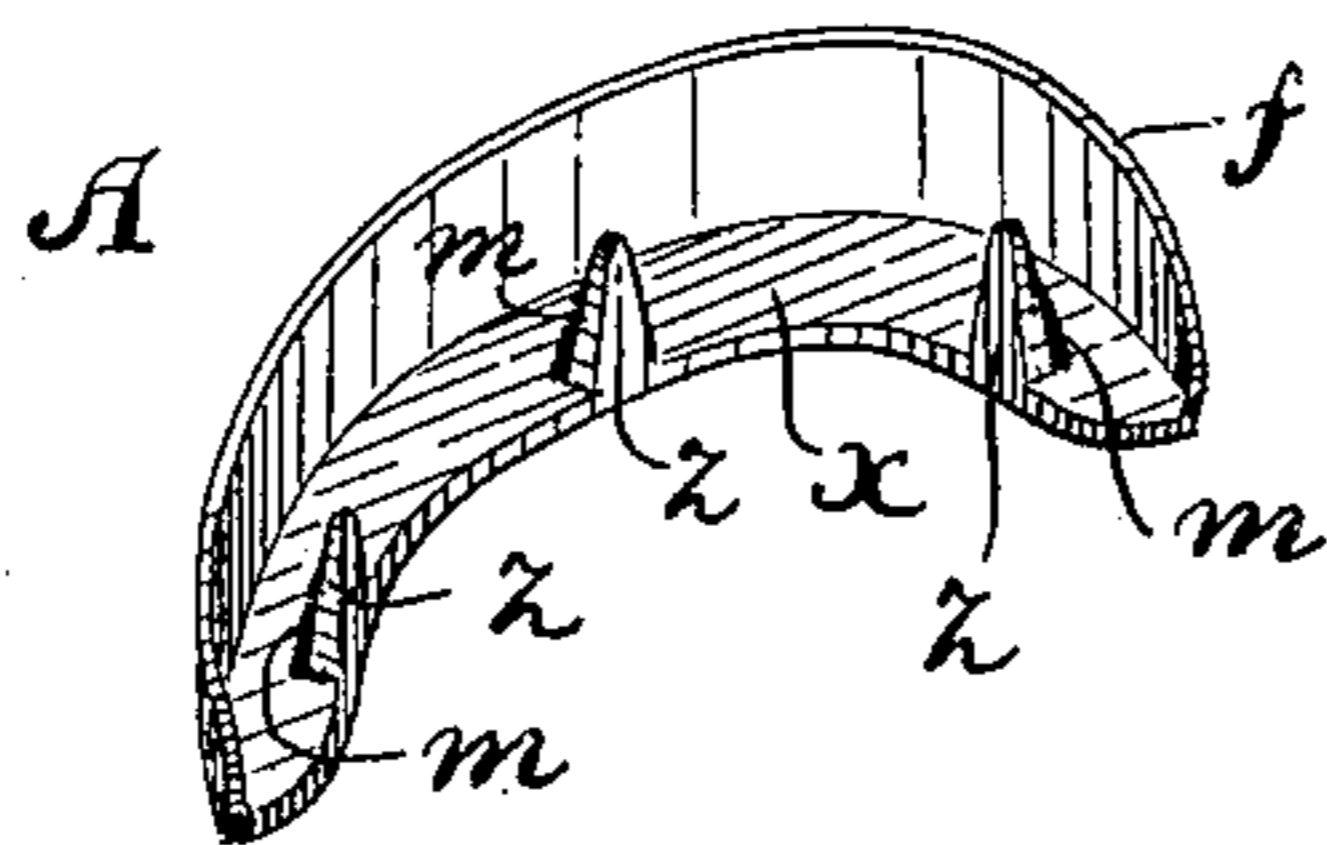


Fig. 2.

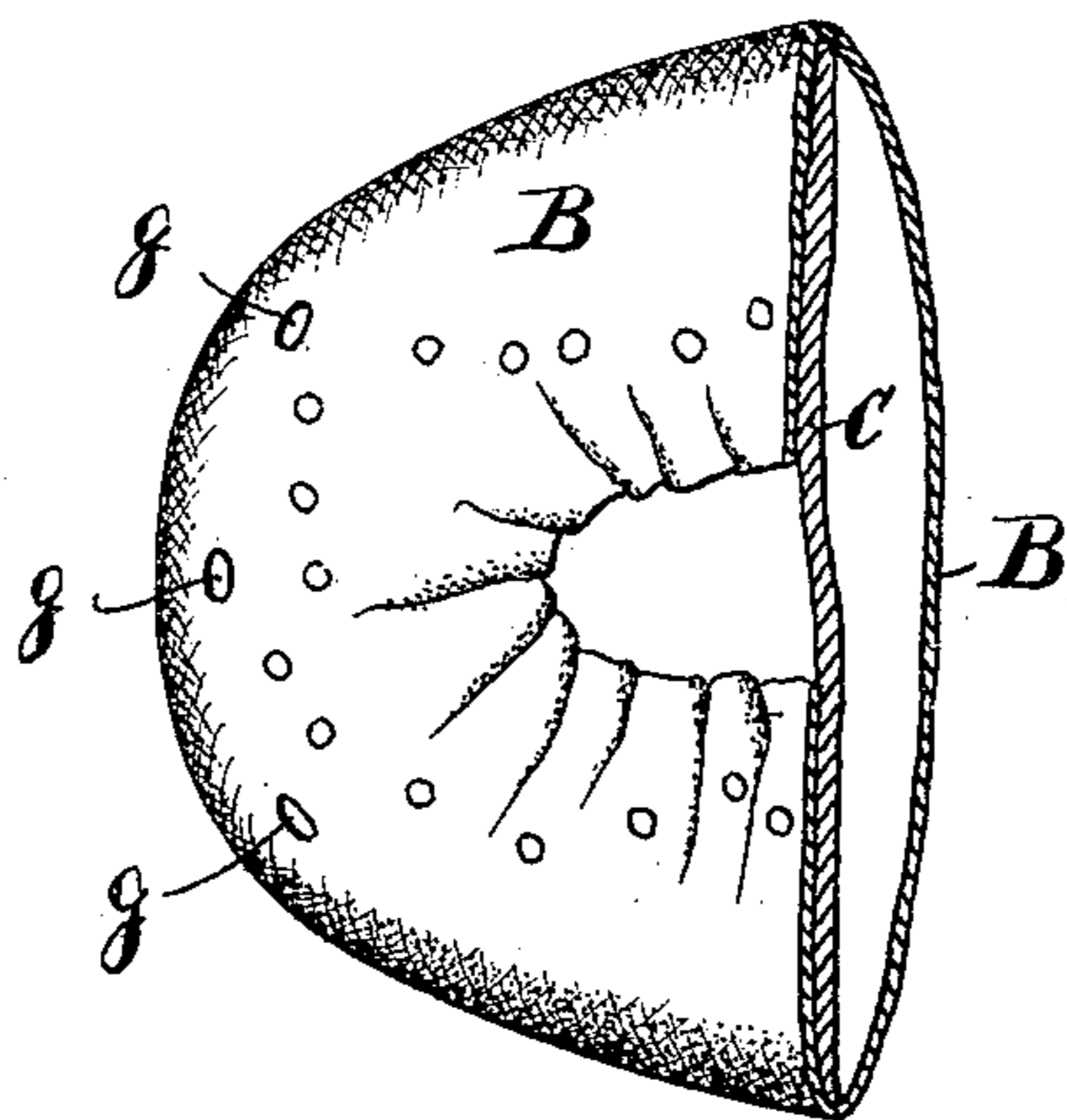
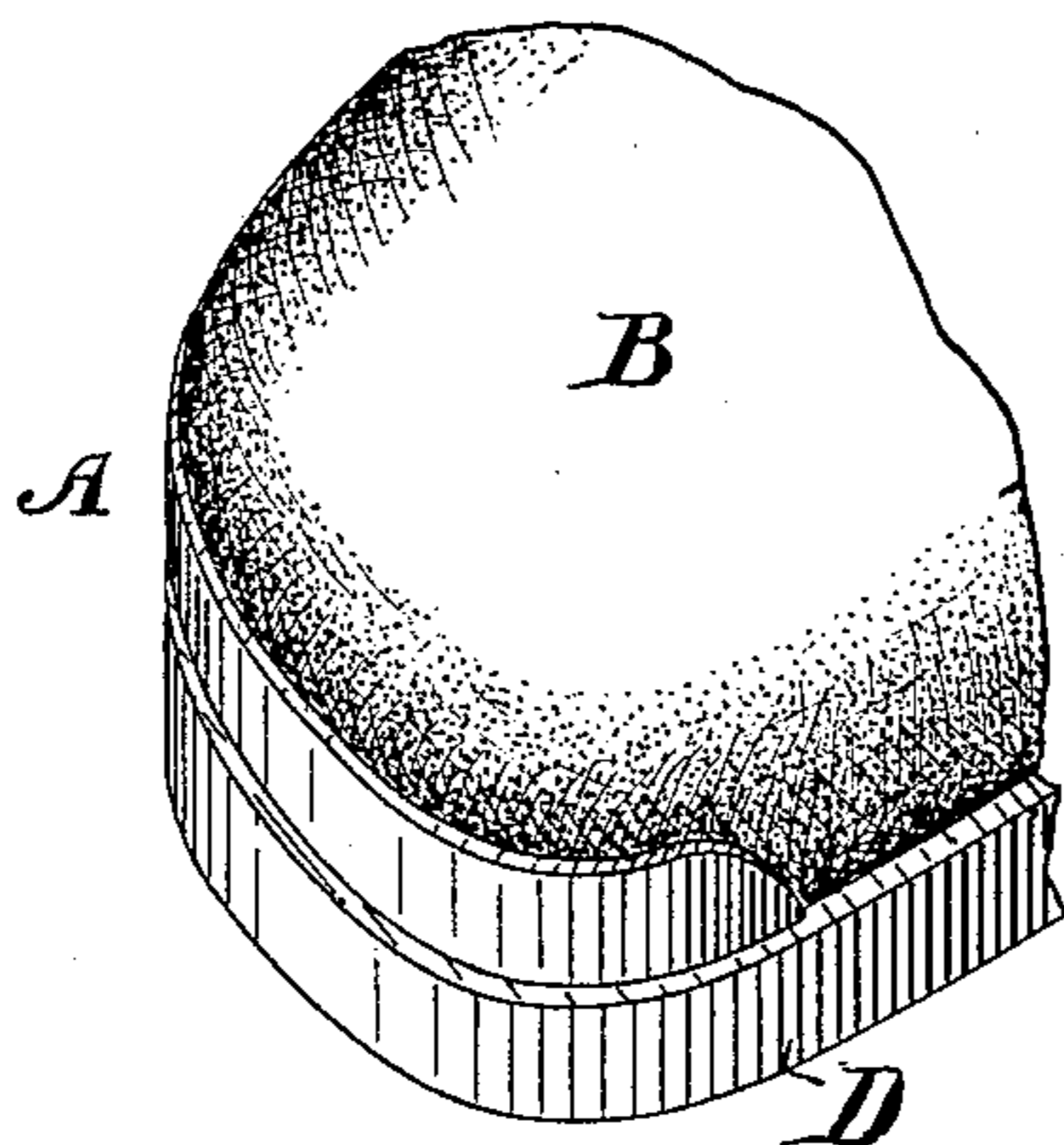


Fig. 3.



Witnesses.

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UNITED STATES PATENT OFFICE.

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BOOT OR SHOE TIP.

SPECIFICATION forming part of Letters Patent No. 356,471, dated January 25, 1887.

Application filed November 5, 1886. Serial No. 218,037. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. HUNTINGTON, of Boston, in the county of Suffolk, State of Massachusetts, have invented a certain new and useful Improvement in Boot or Shoe Tips, of which the following is a description sufficiently full, clear, and exact to enable any person skilled in the art or science to which said invention appertains to make and use the same, reference being had to the accompanying drawings, forming part of this specification, in which—

Figure 1 is a perspective view representing my improved tip detached; Fig. 2, a bottom plan view of the toe portion of a boot or shoe before the tip is applied, and Fig. 3 a perspective view of the toe portion of a boot or shoe provided with the tip.

Like letters of reference indicate corresponding parts in the different figures of the drawings.

My invention relates to that class of tips which are adapted to be attached to the boot or shoe without nailing; and it consists in certain novel details of construction, as hereinafter fully set forth and claimed, the object being to produce a simpler, cheaper, and more effective article of this character than is now in ordinary use.

The nature of the improvement will be readily understood by all conversant with such matters from the following explanation:

In the drawings, A represents the tip considered as a whole, B the upper, C the insole, and D the outer sole, of the shoe.

The tip consists of the vertically-arranged body *f*, curved or formed to fit the toe of the upper in the usual manner, and provided with a thin inwardly-projecting horizontally-arranged flange, *x*, adapted to pass between the

upper and the sole of the shoe. Projecting upwardly from the inner edge of the flange *x* are teeth *z*, these teeth being constructed with inclined inner and straight or vertical outer faces, as shown at *m*.

In the use of my improvement the boot or shoe is lasted, and a series of holes, *g*, corresponding with the number and position of the teeth *z*, are punched or formed in the toe portion of the upper B and insole C, as shown in Fig. 2. The tip is then placed in position on the boot or shoe and the teeth *z* driven into the holes *g*, after which the sole D is applied and secured in the usual manner.

The holes *g* are so disposed with respect to the edge of the boot or shoe that when the teeth *z* are driven into them the inclined faces *m* of the teeth will bear forcibly against the outer sides of the holes or sides nearest the edge of the toe, and thereby draw or force the body *f* of the tip inwardly against the upper as the teeth are driven into the holes, thus causing the tip to "hug" or fit closely to the upper when attached, as shown in Fig. 3.

Having thus explained my invention, what I claim is—

A tip for a boot or shoe, comprising a curved body adapted to fit the toe of the upper, a horizontal flange projecting inward from said body, and teeth on said flange at right angles thereto, said teeth having inclined inner and straight or vertical outer faces, whereby as the teeth are inserted in holes in the shoe the tip will be drawn inward by the inclined faces of said teeth, substantially as described.

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Witnesses:

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