No. 667,204. Patented Feb. 5, 1901.

J. ELAM.

SHOE LAST.

(Application filed Dec. 22, 1899.)

(No Model.)

Fig. 1.

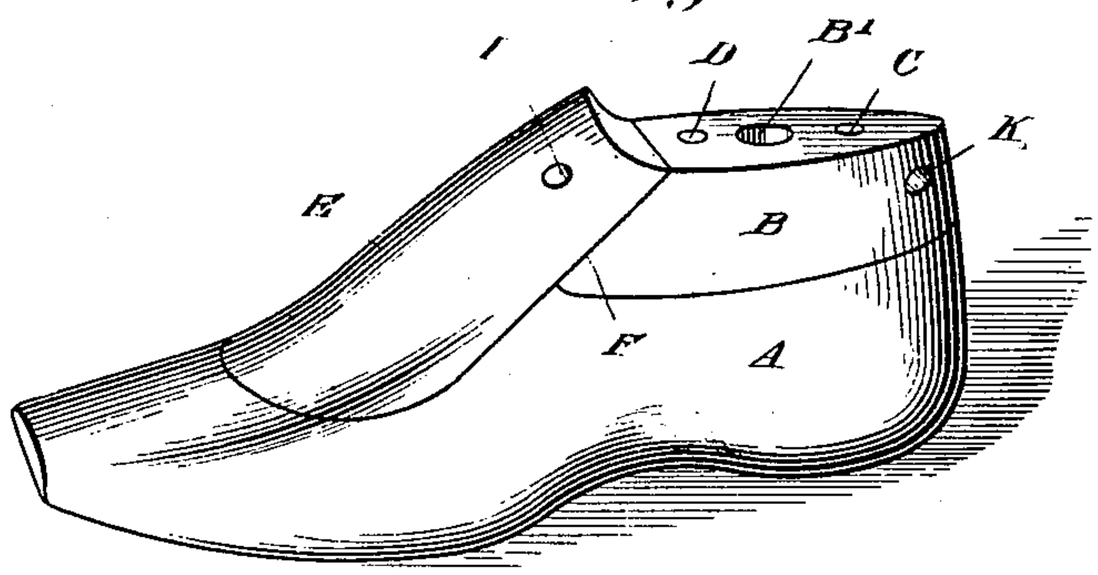


Fig. 2.

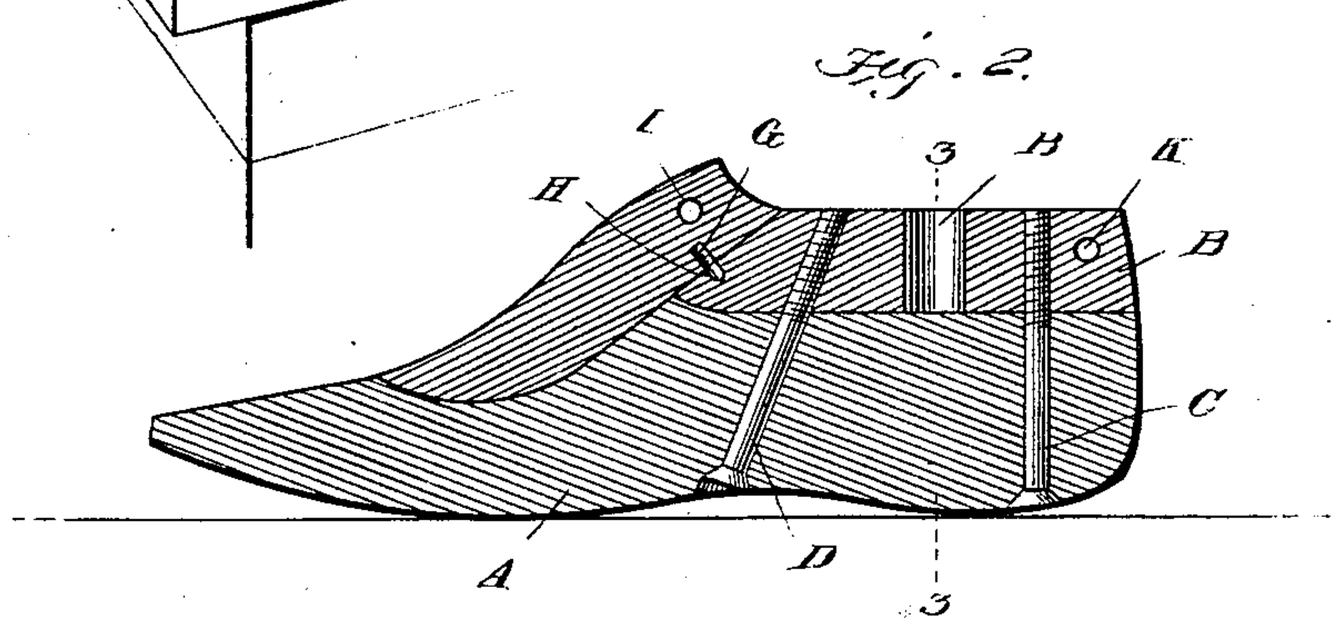
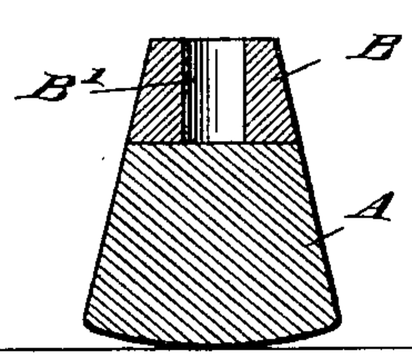


Fig. 3.



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JABEZ ELAM, OF ROCHESTER, NEW YORK.

SHOE-LAST.

SPECIFICATION forming part of Letters Patent No. 667,204, dated February 5, 1901.

Application filed December 22, 1899. Serial No. 741,292. (No model.)

To all whom it may concern:

Be it known that I, JABEZ ELAM, a citizen of the United States, residing at Rochester, in the county of Monroe and State of New York, have invented a new and useful Shoe-Last, of which the following is a specification.

This invention is an improved construction of shoemaker's last, the object being to provide a last which can be subjected to a great deal of hammering without breaking, and another object is to provide a last which can be quickly and easily inserted in the shoe and removed therefrom.

The invention consists in certain details of construction and novelties of combination, all of which will be hereinafter fully described, and pointed out in the claim.

In the drawings forming part of this specification, Figure 1 is a perspective view of a last complete and constructed in accordance with my invention. Fig. 2 is a vertical longitudinal section of the same. Fig. 3 is a transverse section on the line 3 3 of Fig. 2.

In carrying out my invention I employ a last-block A, the upper heel portion of which has a metallic anvil B secured thereto by means of bolts C and D passing through from the sole of the last-block into the anvil-block, said bolts being threaded at their upper ends and engaging the threaded apertures in the anvil-block, the heads being countersunk, as most clearly shown, and it will also be noted that the bolt C is straight, while the bolt D is inclined, thus permitting a greater length of bolt than could be used if the bolt D were straight. The anvil-block is flat on top and bottom and is provided with a central socket B′, which is intended to receive the head of the jack-post, and it will be noted that this socket does not extend into the last-block, and consequently all tendency to split the said block is avoided. The front portion of the last-block is cut away, as usual, to receive the instep-piece E, and the forward end of the anvil is beveled, as shown at F, in order that the upper end of the instep-piece may rest firmly thereon, and in order to hold the said instep-piece in position I employ a dowel-pin G, which projects from the inner face of said piece and enters a socket H, produced in the forward end of the anvil-block. By this construction the instep-piece is securely held in position, and adjacent to the dowel-pin is produced an opening I, adapted to receive a string, by means of which the instep-piece can be withdrawn whenever it is desired. The anvil-block is also provided with a perforation K near its rear end, to which a string can be attached for the purpose of withdrawing the last-block from the shoe. In operation the last is inserted in the shoe minus the instep-piece. The instep-piece is then introduced and the dowel-pin inserted in the socket in the anvil-block. The jack-post is then inserted into the socket D of the anvil, and the said anvil being of metal takes up all the strain to which the ordinary wooden last-block is subjected, and inasmuch as the jack-post does not enter the wooden portion of the last it will be readily understood that the danger of splitting the wooden last is avoided.

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

A shoe-last having the rear of the main portion cut away on top and in front and two holes extending from the bottom to the top cut-away portion, the forward one of which is inclined and the lower end of each is countersunk, a flat centrally-perforated anvil on top provided with two screw-threaded perforations to register with the perforations in the last, the front of the anvil being beveled, two bolts through the perforations in the last and into the screw-threaded perforations of the anvil, and a removable instep-piece in the front cut-away portion and in engagement with the front of the anvil, substantially as described.

JABEZ ELAM.

Witnesses:
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