B. I. Lane,

Shoemakers' Tool.

No. 27,913. Patented Apr. 17, 1860.

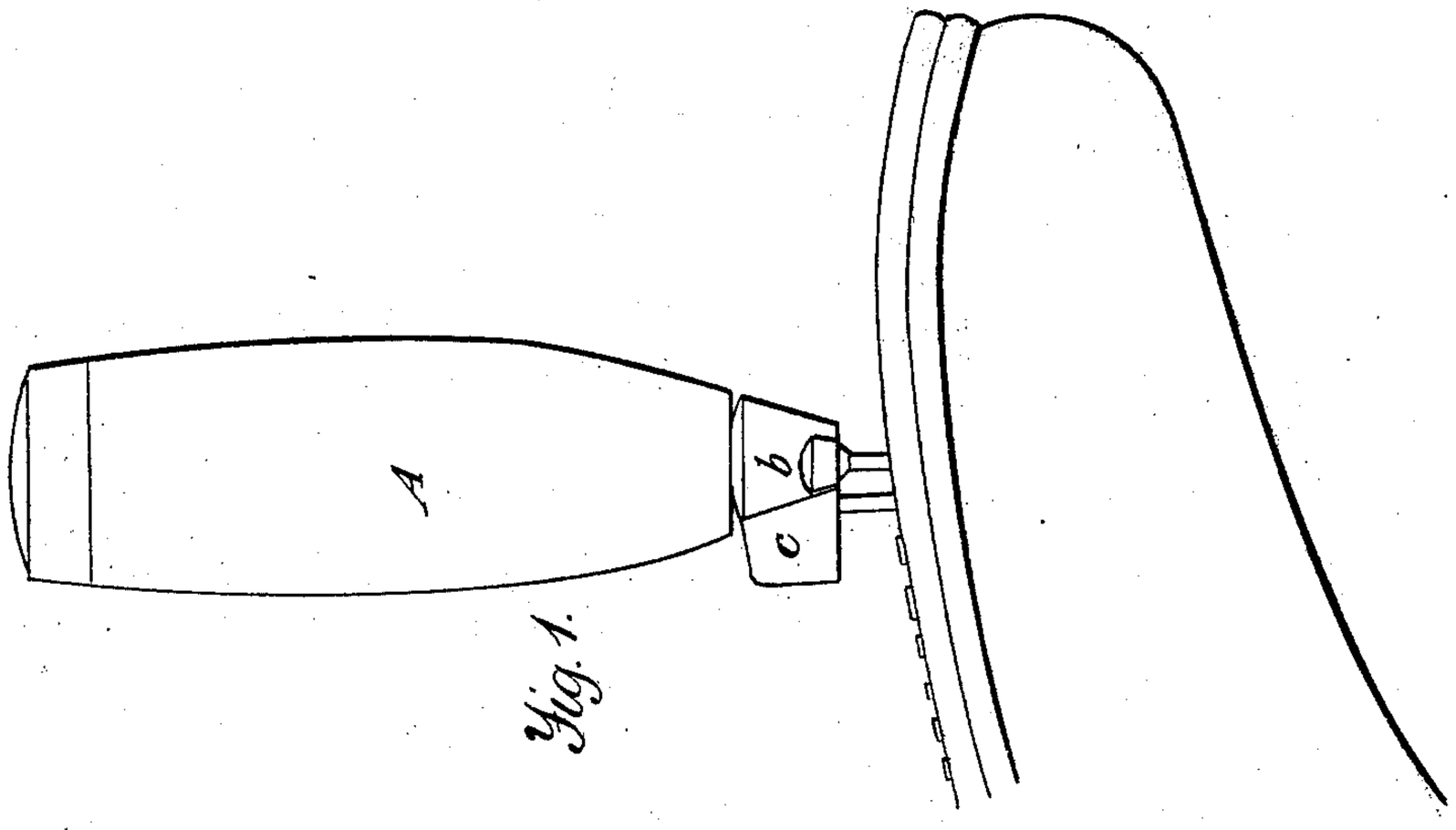

Fig. 1.

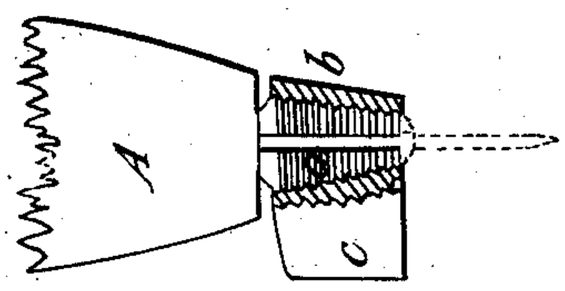

Fig. 2.

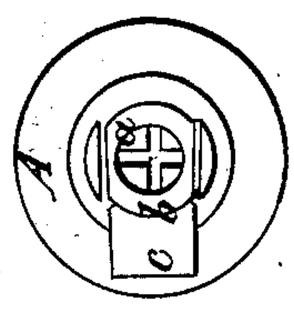

Fig. 3.

Witnesses.

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BENJAMIN J. LANE, OF SOUTH FRAMINGHAM, MASSACHUSETTS.

SHOEMAKER'S AWL.

Specification of Letters Patent No. 27,913, dated April 17, 1860.

To all whom it may concern:

Be it known that I, BENJAMIN J. LANE, of South Framingham, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Tool for Pegging Boots and Shoes; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1, is an elevation of my invention applied to its work. Fig. 2, is a sectional view of the same; Fig. 3, an end view of the same.

Similar letters of reference indicate corresponding parts in the several figures.

The object of this invention is to obtain a simple tool or implement to facilitate the manual operation of pegging boots and shoes, by performing simultaneously the operations of making the holes and driving the pegs. To this end a simple shoemaker's peg-awl is used with a shoulder or projection formed at one side of it, to operate as hereinafter described.

To enable those skilled in the art, to fully understand and construct my invention, I will proceed to describe it.

A, represents a wooden handle at one end of which, a longitudinally slotted screw cone *a* is secured by a proper tang driven into the handle. This cone *a*, has two slots, crossing each other at right angles as shown in Fig. 3, and on this cone a corresponding shaped nut *b* is fitted, and by turning which the awl, shown in red, is firmly secured to the handle, the tang of the awl being fitted in the slots at their point of intersection, and the cone compressed and made to clamp firmly the tang by screwing up the nut *b*. The above parts comprise the shoemaker's peg-awl in common use, and therefore do not require a more minute description.

To the nut *b* a lateral projection or shoulder *c* is attached. This projection or shoulder is about equal in width to the diameter of the outer end of the nut, as shown in Fig. 3, and it projects outward from the nut a suitable distance, its length at its outer end or face being about equal to its width. The outer end or face of the projection or shoulder *c*, is flush with the outer end of the nut *b*, as shown clearly in Figs. 1 and 2, and it may be made separate, and attached to the nut by screws, or the two may be formed of one piece of metal.

The tool or implement is used as follows: The awl being adjusted to the handle as previously described, the operator places the shoe on his lap, and secures it thereon in the usual way. The tool is then grasped with the left hand, and the awl driven into the sole by a blow from a hammer in the right hand. The awl is then withdrawn and adjusted to the sole at the point where the succeeding hole is to be made, and a peg is fitted in the hole previously made. When the succeeding hole is made by the driving in of the awl, the projection or shoulder *c*, will drive the peg into the hole first made. Thus it will be seen that the two operations of making the holes and driving the pegs will be performed simultaneously, the projection or shoulder *c* being sufficiently long to extend over the peg fitted in the hole previously made, and force said peg into its hole at the same time the succeeding hole is made. The operation will be clearly understood by referring to Fig. 1, a portion of a shoe being shown in red.

The projection or shoulder *c*, also greatly facilitates the screwing up of the nut *b*, it obviates the necessity of a wrench, which has hitherto been indispensable.

I do not claim the slotted screw cone and nut for securing the awl to its handle, for they are well known and in common use, but

I do claim as new and desire to secure by Letters Patent,

The combination of the projection or shoulder *c*, nut *b*, and slotted screw cone *a*, substantially as described, whereby the projection or shoulder *c*, is made to perform the function of driving the pegs, and also serve as a means to facilitate the screwing up of the nut, and consequently the securing of the awl to the handle substantially as herein described.

BEJM. J. LANE.

Witnesses:

A. B. LIVINGSTON,

B. GIROUX.