

(No Model.)

L. SOULE.
Nail for Boots and Shoes.

No. 230,585.

Patented July 27, 1880.

Fig. 1.

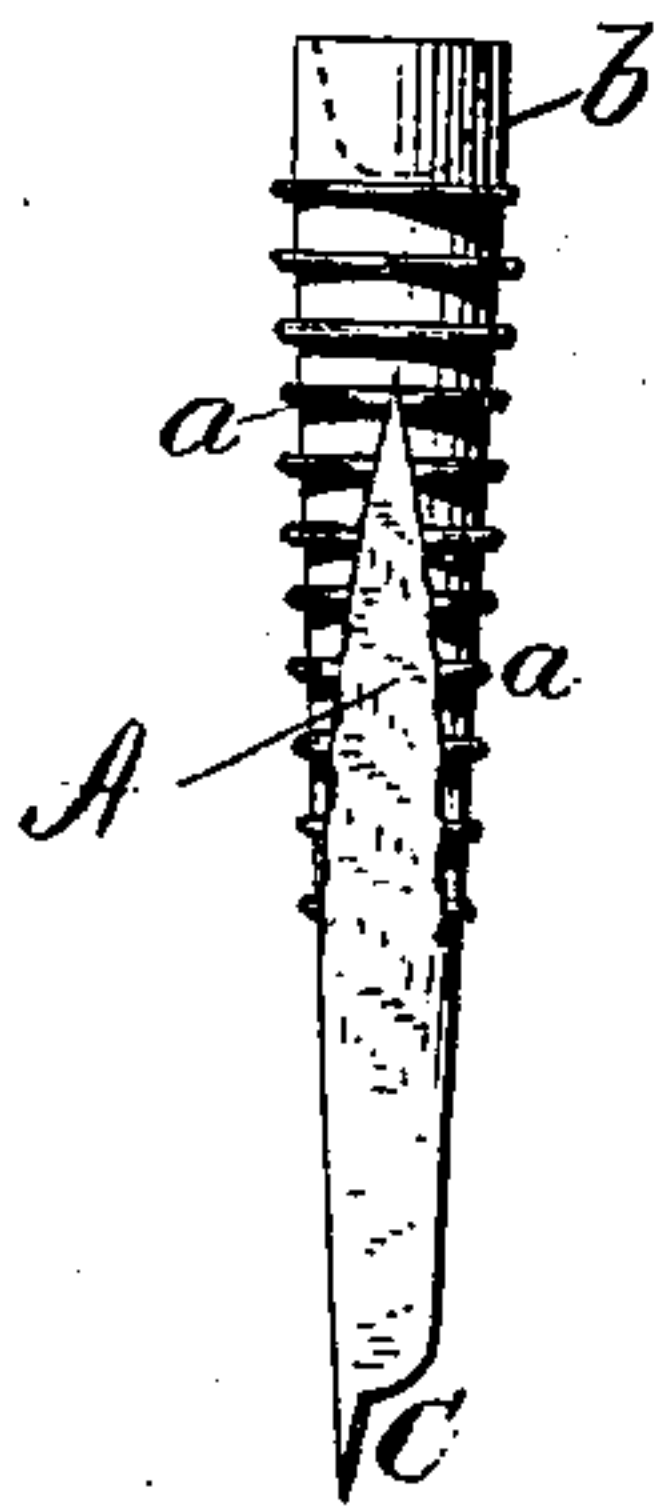


Fig. 2.



Fig. 3.

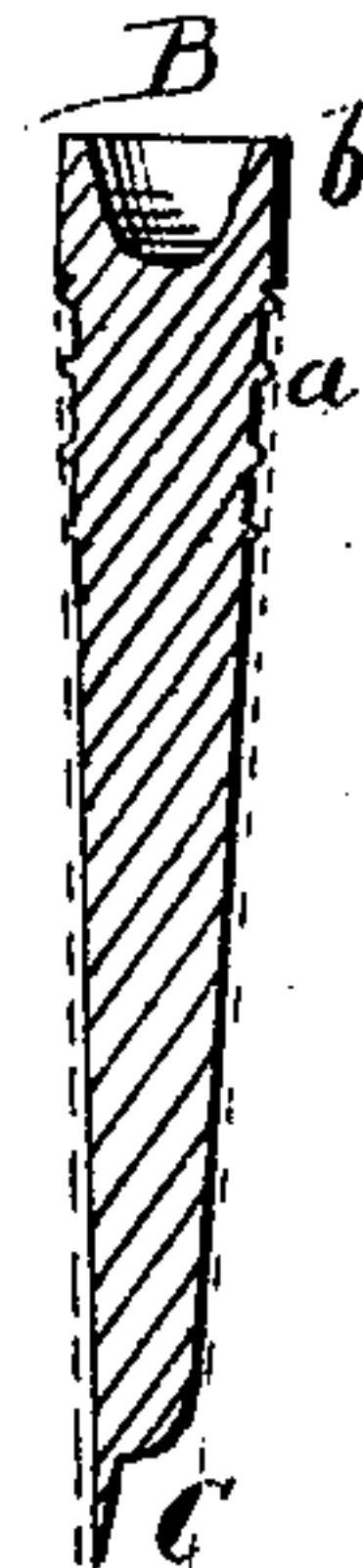
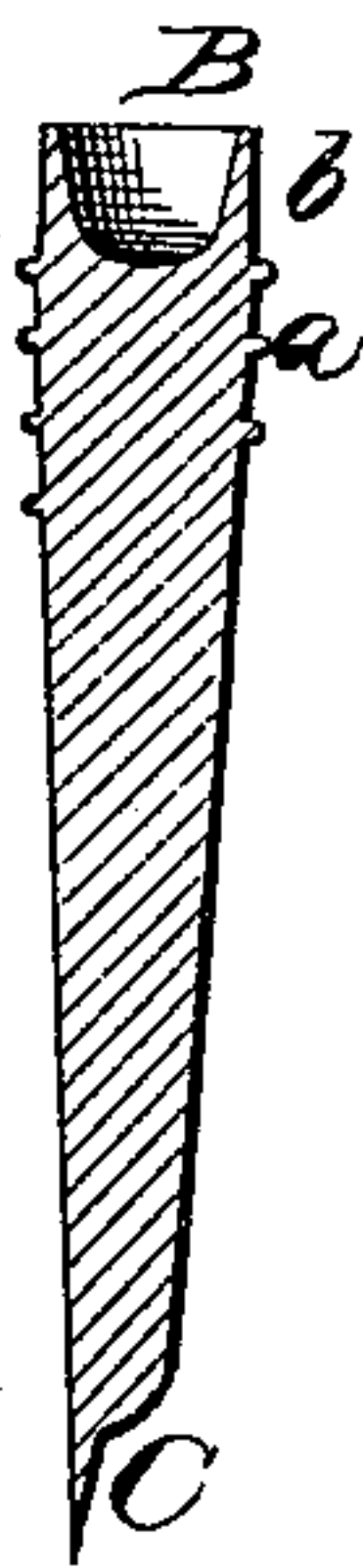
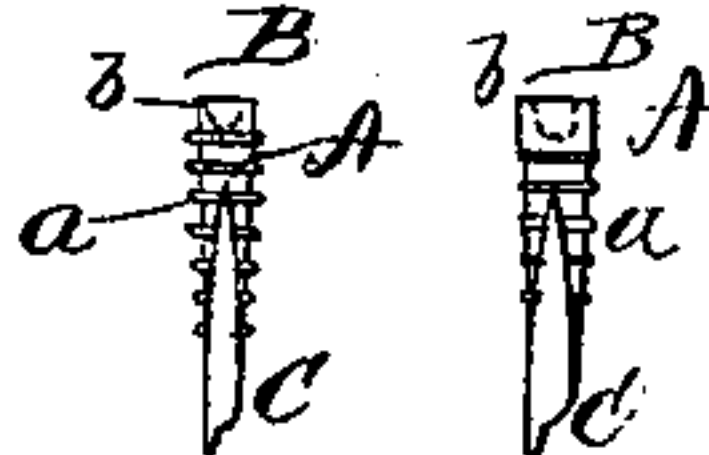


Fig. 4.



Witnesses.
Franck L. Curran.
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UNITED STATES PATENT OFFICE.

LEANDER SOULE, OF TAUNTON, MASSACHUSETTS.

NAIL FOR BOOTS AND SHOES.

SPECIFICATION forming part of Letters Patent No. 230,585, dated July 27, 1880.

Application filed June 12, 1880. (No model.)

To all whom it may concern:

Be it known that I, LEANDER SOULE, a citizen of the United States, residing at Taunton, in the county of Bristol and State of Massachusetts, have invented certain new and useful Improvements in a Boot or Shoe Nail; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters or figures of reference marked thereon, which form a part of this specification.

Figure 1 is a side view (enlarged) of this nail; Fig. 2, an edge view of the same; Fig. 3, vertical central sections of this nail; Fig. 4, views of this nail of an ordinary size for use.

This invention relates to that class or kind of cut boot and shoe nails which has roughened, corrugated, or screw-threaded sides or edges and tapering shanks; and the novelty consists more particularly in making a boot or shoe nail of this general description with a solid shank and a hollow or concave head; also, in a nail having a solid shank screw-threaded or otherwise roughened and a smooth, round, concave, or hollow head, all as will now be more fully set out and explained.

In the accompanying drawings, A denotes the shank of the nail, roughened, corrugated, or screw-threaded on its edges or body, as at *a*, or in any desired manner, and B the hollow or concave top, which has smooth round sides *b*. C is the point.

When these nails are driven into the leather the points will clinch and so prevent the nail from drawing out. The roughened or corrugated sides or edges will essentially aid in holding the nail in place, while the smooth, round, and hollow or concave head will fit flush with the leather or sole and make a very perfect and very neat finish on the surface.

A boot or shoe made with this nail is very much easier to finish and buff off, since much less metal comes in contact with the mechanism or tools used for these purposes.

It is evident that any boot or shoe nail can be made with this hollow or concave, and thus embody many of the advantages above pointed out.

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

1. A boot or shoe nail having a solid shank and a hollow or concave head, substantially as described.

2. A boot or shoe nail having a smooth, round, and hollow or concave head and solid, tapering, and roughened or corrugated shank, substantially as described.

In testimony whereof I affix my signature in presence of two witnesses.

LEANDER SOULE.

Witnesses:

HERBERT E. HALL,
A. H. BROWN.