

L. COTÉ'S

*"Improvements in manufacturing the Soles of Boots & Shoes
and on Apparatus for doing the same."*

No. 120,628.

Patented Nov. 7, 1871.

FIG. I.

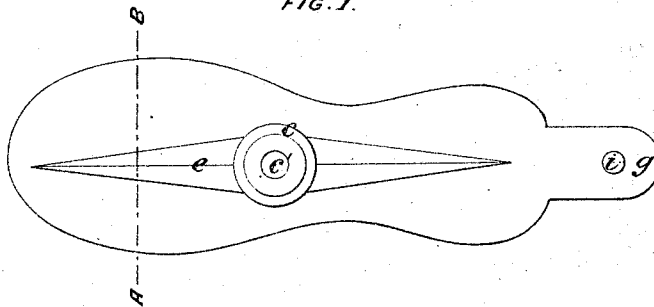


FIG. II

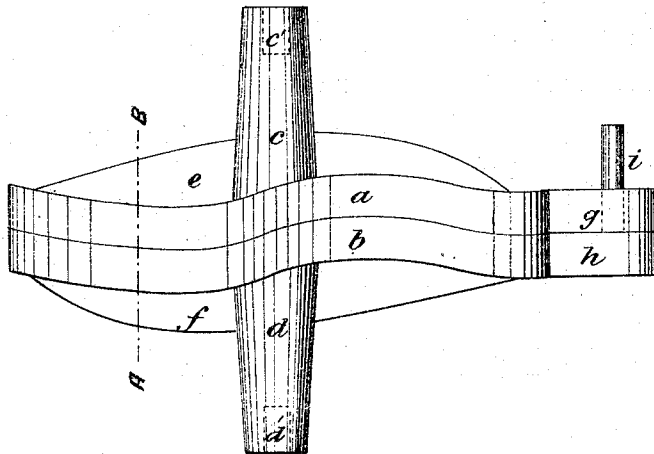
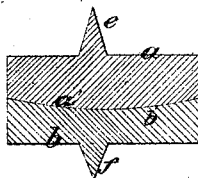


FIG. III



Witnesses

Charles Legge
Charles H. Simpson

Inventor

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UNITED STATES PATENT OFFICE.

LOUIS COTÉ, OF ST. HYACINTHE, CANADA.

IMPROVEMENT IN APPARATUS FOR MAKING BOOT AND SHOE SOLES.

Specification forming part of Letters Patent No. 120,628, dated November 7, 1871.

To all whom it may concern:

Be it known that I, LOUIS COTÉ, of the town of St. Hyacinthe, in the county of St. Hyacinthe, in the Province of Quebec, Canada, manufacturer of boots and shoes, have invented new and useful Improvements on Manufacturing the Soles of Boots and Shoes and on Apparatus for doing the same; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same.

This invention relates to that class of dies or molds which is employed for shaping the soles for boots and shoes; and consists in certain details of construction, as will be fully described hereinafter.

In the drawing, Figure 1 represents a plan view of improved mold; Fig. 2, a side elevation; and Fig. 3, a vertical section upon the lines A and B, Figs. 1 and 2.

In the drawing similar letters of reference indicate like parts.

a is the upper mold or die, having its under surface *a'* of the exact shape and curve to be taken by the sole in place on the boot, and being a convex model of the boot or shoe sole. *b* is the lower die or mold, whose upper surface *b'* is an exact concave die or mold of the sole. *c* and *d* are two projections made in one with *a* and *b*, respectively, each having in its end a socket or thimble, *c'* *d'*. The upper and lower molds are provided with ridges *e* and *f* to strengthen them,

and have at the heel ends projections *g h*, with a pin, *i*, fixed in *h* and running through *g*, to prevent the dies or molds shifting longitudinally.

I will now proceed to describe the operation of my invention: The molds *a* and *b* having been placed in any suitable vise, being fixed by pins entering the sockets *c'* *d'*, they are brought together with such force as to cause the leather placed between them to assume the exact form it will do when attached to the boot or shoe, care being taken that the toe ends of the dies come fairly together. While thus held between the dies the whole of the superfluous leather may easily be cut off by any suitable knife, skilled labor not being required, as the dies give the exact outline of the sole. By the sockets *c'* and *d'* the dies may be freely turned over, while held as above described, to facilitate the operation.

Having thus described the construction and operation of my invention, to which I have given the name of "Coté's Boot and Shoe Sole Trimmer," what I claim as my invention, and wish secured by Letters Patent, is—

The dies *a b*, having the projections *c d* provided with sockets, the latter being adapted to revolve on any suitable journals, as described.

Montreal, 15th day of April, A. D. 1871.

LOUIS COTÉ.

Witnesses:

CHARLES LEGGE,
CHARLES G. C. SIMPSON.

(16)