

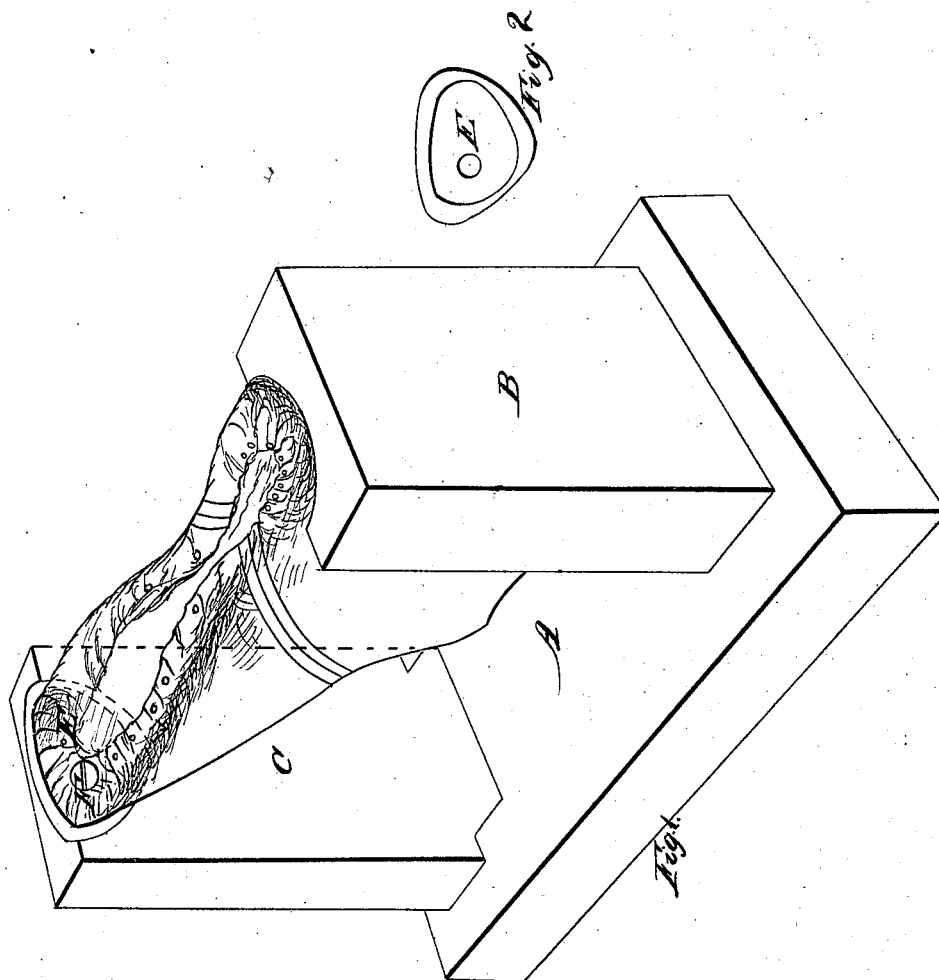
Sheet 1-2 Sheets.

McIntire & Thompson,

Pegging Jack

N^o 46,375.

Patented Feb. 14, 1865.



Witnesses
T. Swift Kiddle
J. C. Thompson

Inventor
A. S. McIntire
N. P. Thompson

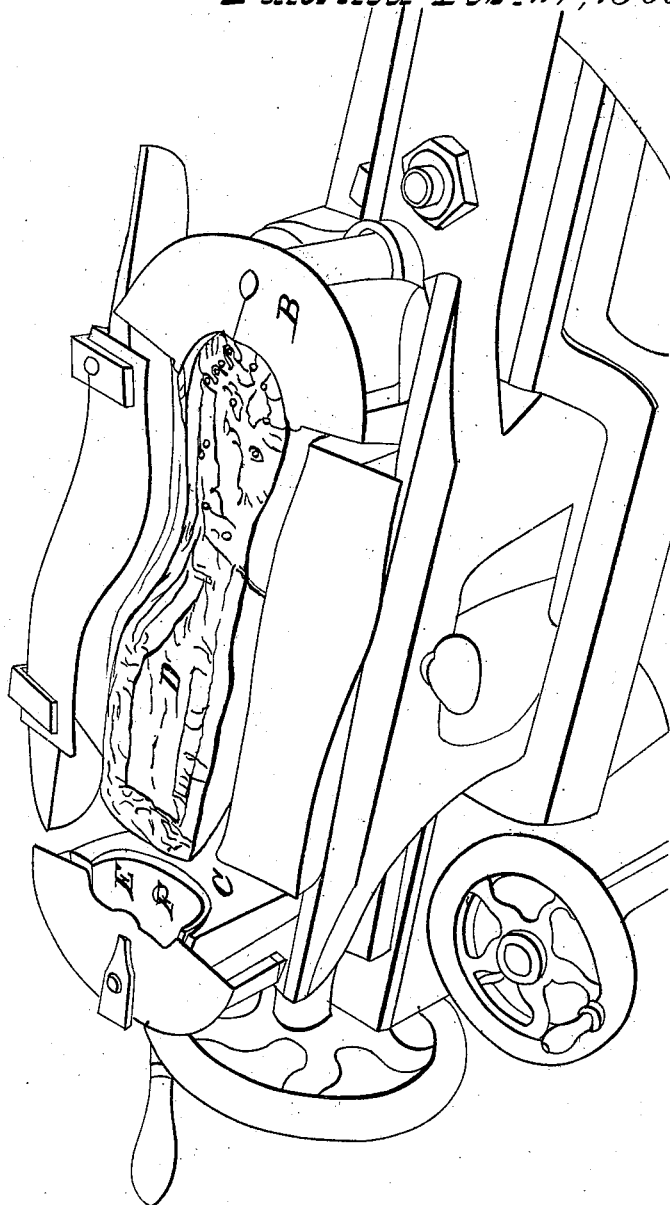
Sheet 2 of 2 Sheets.

McIntire & Thompson,

Pegging Jack,

N^o 46,375.

Patented Feb. 14, 1865.



Witnesses
T. B. Woodhead
O. C. Thompson

Inventor.
A. S. McIntire
N. S. Thompson

UNITED STATES PATENT OFFICE.

A. S. MCINTIRE AND NATHANIEL STEVENS THOMPSON, OF STONEHAM,
MASSACHUSETTS.

TOE-PIECE FOR LASTING-MACHINES.

Specification forming part of Letters Patent No. 46,375, dated February 14, 1865.

To all whom it may concern:

Be it known that we, ABRAM SHELDON MCINTIRE and NATHANIEL STEVENS THOMPSON, both of Stoneham, in the county of Middlesex and State of Massachusetts, have invented a new and Improved Method of Making a Toe-Piece for Lasting-Machines; and we do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

The nature of our invention consists in the peculiar method of forming the toe-piece (which is done by using a part of the machine and an unfinished shoe on the last for a mold) of gutta-percha or some similar substance in a pliable state, which becomes hard and but slightly elastic after taking the form of the toe of the shoe. By this method a toe-piece is formed which of necessity makes a perfect fit, and consequently will not injure the leather by tearing or bruising, and can be made by any workman in one-tenth the time required to make the ordinary toe-piece.

To enable others skilled in the art to make and use our invention, we will proceed to describe its construction and operation.

The drawing on Sheet No. 1 is a perspective view of the working model for molding the toe-piece. It is not intended that this model should represent in any other than a general manner a machine for making our toe-piece, as we can readily mold the toe-piece without the aid of any other machine than the ordinary lasting machine and a lasted shoe, as shown on photograph, Sheet No. 2.

In the following description similar letters refer to similar parts.

D represents a lasted shoe.

C represents a movable head-piece, or, in the case of the lasting-machine, the jaw, by

the movement of which the toe of the shoe is lasted.

B represents a socket for holding the heel of shoe, or that part of the lasting-machine by the movement of which the heel of the shoe is lasted; A, base or body of machine.

To mold a toe-piece we proceed in the following manner: The heel of a lasted shoe is placed in the socket B, the head-piece C is drawn away from the toe, and the gutta-percha, or other similar substance of which we propose to make the toe-piece, is placed in the socket F in a pliable state. Then the head-piece is moved up firmly against the lasted shoe and is held or secured in position until the material hardens. The lasted shoe is then removed, and the toe-piece is ready for use.

In practice we find it best to use the lasting-machine itself for a mold. In this case the lasted shoe is placed in position, the jaw C is drawn out by means of the hand-screw, and the material placed in the socket for the toe-piece. The jaw is then screwed up so that the pliable material will be pressed firmly against the toe of the shoe and held in position until the material hardens. The lasted shoe is removed, and the toe-piece is ready for use.

What we claim as our invention, and desire to secure by Letters Patent, is—

The method of forming a toe-piece for lasting-machines of any suitable material by means of the lasted shoe and the jaw of the lasting-machine, substantially and for the purpose as herein described.

A. S. MCINTIRE.
N. S. THOMPSON.

Witnesses:

T. BROOKS HADLEY,
P. C. THOMPSON.