

{No Model.}

J. BRESLIN.
BEADING MACHINE FOR SHOES.

No. 302,540.

Patented July 29, 1884.

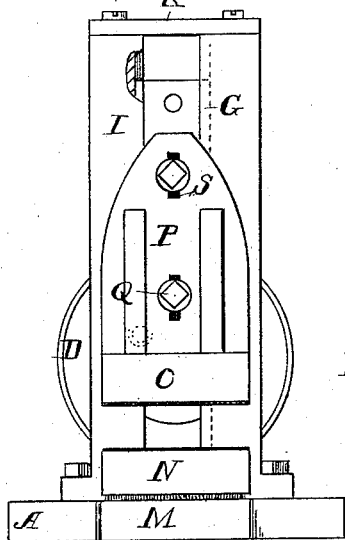


Fig. 2.

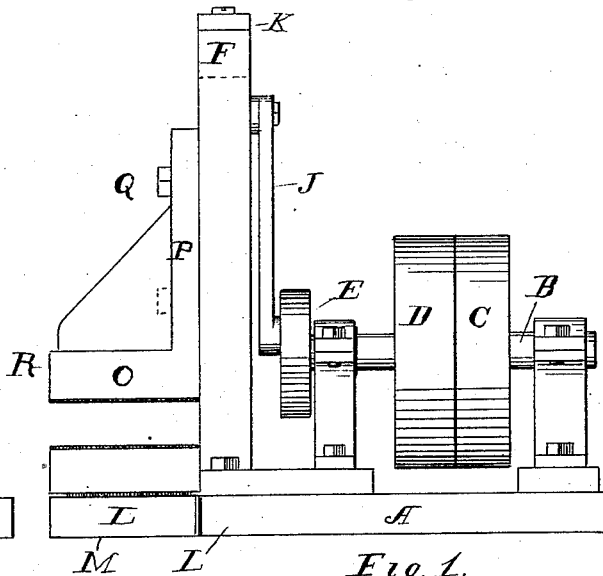


Fig. 1.

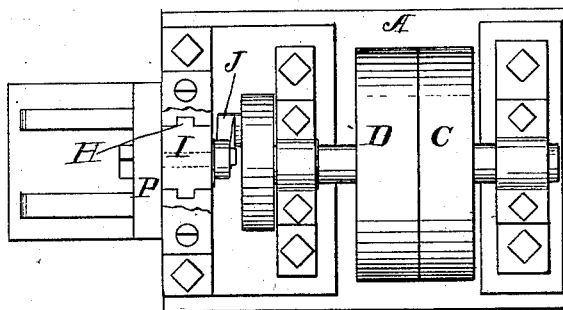


Fig. 3.

WITNESSES:

Robert Kirk
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UNITED STATES PATENT OFFICE.

JOSEPH BRESLIN, OF CINCINNATI, OHIO.

BEADING-MACHINE FOR SHOES.

SPECIFICATION forming part of Letters Patent No. 302,540, dated July 29, 1884.

Application filed March 25, 1884. (No model.)

To all whom it may concern:

Be it known that I, JOSEPH BRESLIN, of Cincinnati, in the county of Hamilton and State of Ohio, have invented a new and useful Improvement in Beading-Machines for Shoes, which improvement is fully set forth in the following specification and accompanying drawings, in which—

Figure 1 is a side view of my improved machine for beading shoes. Fig. 2 is a front view, and Fig. 3 a plan view, of the same.

In manufacturing ladies', misses', and children's shoes having beads formed by the seams the customary manner of pressing or beating down these seams is by means of the hand with a hammer. I design to remedy this defect and increase the facility and rapidity of manufacture by providing a device having a pair of stands, to which is journaled a horizontal shaft provided at one end with a crank secured to a piece moving vertically in ways. The outer face of this sliding piece is provided with a hammer which works over a block, upon which the material to be beaded is placed. Motion is communicated to the device by means of a pulley upon the shaft, all of which will now be fully set forth in detail.

In the drawings, A is a substantial metallic base, rectangular in form, and having upon the upper face a pair of stands, to the upper end of which a horizontal shaft, B, is journaled. Midway between these stands are placed a loose and a fast pulley, C and D, by means of which power is communicated to the device. A crank, E, is placed on one end of the shaft, and outwardly from the crank over the end of the base a substantial upright frame, F, is placed, formed preferably of metal. A vertical groove, G, in the center of this frame has ways H cut therein, within which is placed a sliding piece, I. A connecting-rod, J, journaled at one end to the crank of the shaft, ex-

tends upwardly and is journaled at its upper end to the sliding piece I. A horizontal piece, K, is secured by means of screws to the upper part of the frame, and so arranged as to be readily removed. The end L of the base has a lateral projecting wing, M, upon which is placed a metallic block, N. A hammer, O, the vertical part P of which is secured to the sliding piece I by means of bolts Q, enlarges laterally downward from the top, and has the part R formed at right angles therewith. Within the angle thus formed a pair of braces is formed integral therewith, and all the parts are formed in a substantial manner. It is designed that this hammer be placed in such a position upon the sliding piece as to nearly strike the upper face of the block. The vertical part of the hammer is provided with slots S, through which the bolts Q pass. These permit of the hammer being adjusted vertically, so as to obtain a sufficient stroke, and also to graduate it for the difference in the thickness of the material. The face of the block and the hammer in either of them may be faced with leather or vulcanized rubber or other suitable material where it is found desirable.

What I claim is—

The adjustable hammer having the lower part extending out at right angles, the vertical part having slots and made adjustable by being secured to an upright piece sliding in ways, in combination with the yielding base, the whole arranged substantially as herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand in the presence of witnesses.

JOSEPH BRESLIN.

Witnesses:

F. W. BROWNE,
JOHN TEEVENS, Jr.