

PEG-FLOATS FOR BOOTS AND SHOES.

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IMPROVEMENT IN PEG-FLOATS FOR BOOTS AND SHOES.

Specification forming part of Letters Patent No. **173,637**, dated February 15, 1876; application filed January 22, 1876.

To all whom it may concern:

Be it known that I, ERNEST C. HUEBEL, of Cambridgeport, in the county of Middlesex, and State of Massachusetts, have invented a new and valuable Improvement in Shoe-Peg Float; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a front view of my peg-float, and Fig. 2 is a transverse vertical sectional view of the same.

This invention has relation to machines which are operated by a treadle or a belt, and designed for cutting pegs out of boots and shoes; and the nature of my invention consists in serrated rotary cutters, having their bearings in the upper end of a standard, and actuated by a belt passed around pulleys, in combination with a hinged cover or case, which will allow free access to the said belt when desired, as will be understood from the following description:

In the annexed drawings, A designates a substantial table, from the standards of which rise anvils used in breaking down nails in the soles of the shoes. From the horizontal portion of the table a standard, B, rises and bears on its upper end in front of a lip, *a*, two serrated cutters, *b b*, the cutting-teeth of

which will clean out the projecting portions of the pegs in boots and shoes. Between the cutters *b b* is a pulley, *e*, around which an endless band, *f*, is passed, which is carried down in front of the standard B, and passed around a pulley, *g*, on a horizontal shaft, E. The endless band *f* is housed in by a case, G, which is hinged to one side of the standard B, and held shut by a latch at *h*. The case G protects the band *f* from contact with the uppers of shoes while manipulating them on the cutters. Should the band break it can be readily removed and another substituted, by unlatching the case G, and turning it to one side. The shaft E may be rotated by means of a treadle, J, pitman-rod J', and belt-wheels *k k'*. Or, if desired, the machine may be driven by steam or other power.

What I claim as new, and desire to secure by Letters Patent, is—

In a machine for cutting the ends of pegs from boots and shoes, the combination of the duplex cutter-head *b b*, provided with an intermediate pulley, the driving-shaft E, endless belt *f*, and hinged belt housing G, all substantially as and for the purpose set forth.

In testimony that I claim the above, I have hereunto subscribed my name in the presence of two witnesses.

ERNEST CHRISTIAN HUEBEL.

Witnesses:

JOHN OTTO,

FRIEDRICH FIESELER.