

O. ASHTON.
 HOLDER FOR FACILITATING THE APPLICATION OF OIL TO SHOES.
 APPLICATION FILED MAY 23, 1912.

1,035,406.

Patented Aug. 13, 1912.

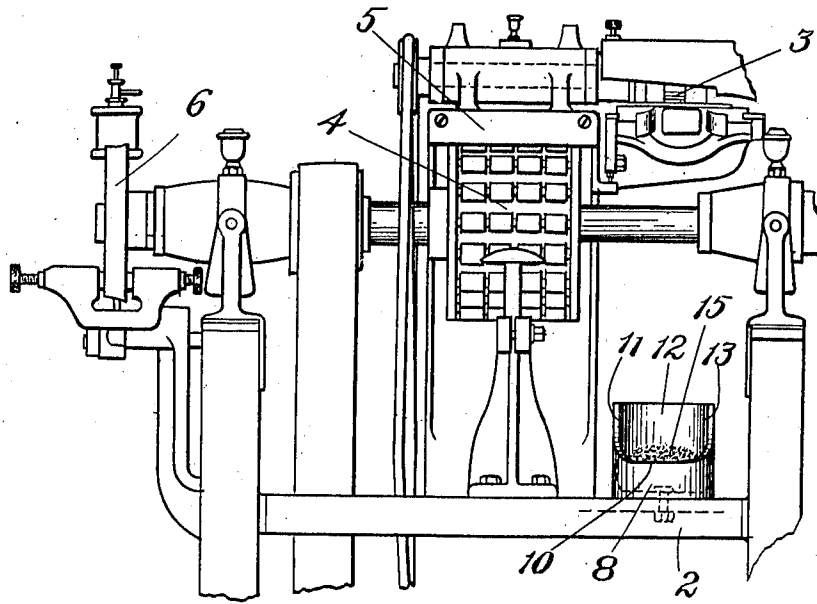


Fig. 1.

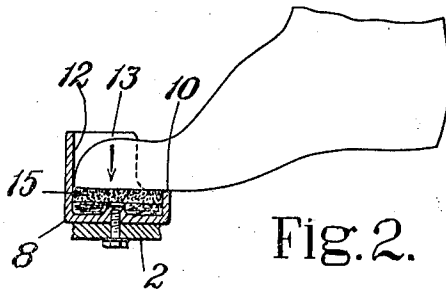


Fig. 2.

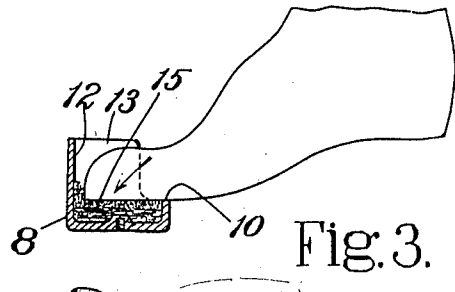


Fig. 3.

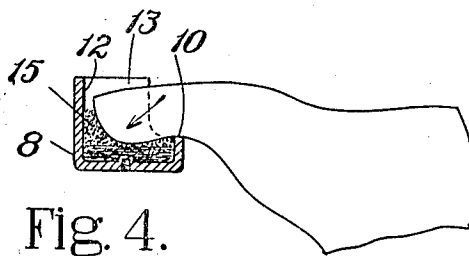


Fig. 4.

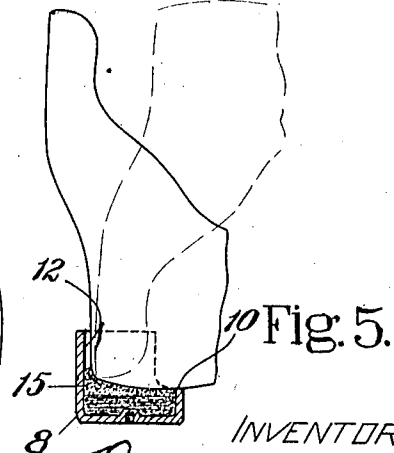


Fig. 5.

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HOLDER FOR FACILITATING THE APPLICATION OF OIL TO SHOES.

1,035,406.

Specification of Letters Patent.

Patented Aug. 13, 1912.

Original application filed December 12, 1907, Serial No. 406,213. Divided and this application filed May 23, 1912. Serial No. 699,231.

To all whom it may concern:

Be it known that I, ORRELL ASHTON, a citizen of the United States, residing at Swampscott, in the county of Essex and State of Massachusetts, have invented certain Improvements in Holders for Facilitating the Application of Oil to Shoes, of which the following description, in connection with the accompanying drawings, is a specification, like reference characters on the drawings indicating like parts in the several figures.

This invention relates to the shoe shaping and finishing art and has for its object to provide a convenient and efficient means for the use of shoe shaping and finishing machine operators and others to facilitate the application to particular portions of a shoe to be treated with oil, vaseline, or tempering materials, herein designated for convenience as "oil." The application of oil to the work is required in order to obtain the best results in several operations among which may be mentioned toe and heel seat pounding up, blocking and shaping, toe ironing and, under some conditions, toe lasting. For facilitating such application of oil to particular portions of a shoe I have devised a cup-shaped holder the front side of which is suitably cut away from the upper edge part of the way down to present an opening into which an end portion of a shoe may be thrust and I have provided in the holder an oil carrying medium such as a sponge or cotton waste into engagement with which the shoe is thus brought for application of the oil. The arrangement is such that the toe portion of a lasted shoe can be thrust sole face downwardly to wet with the oil the upper material on the margin of the shoe bottom preparatory to presenting the shoe to a beating machine which will work the oil into the stock to soften the upper and enable it to be compacted more firmly by the beating operation. If the edge or edge and side of the shoe are also to be beaten, or blocked, or ironed the holder is adapted to permit the shoe to be thrust with a forward and downward movement against the oil carrying medium which will, in that case, be banked against the rear and side walls of the holder to effect the application of the oil to the desired

portions of the upper on the side and bottom of the shoe without wetting to an objectionable extent the sole within the marginal portion of the upper, where the oil would be wasted and, moreover, would be undesirable. If the toe portion of the vamp is to be ironed or treated with a hot iron to shrink the vamp and remove wrinkles it is important to protect the surface of the upper by a film of oil and this is done by thrusting the toe, sole face upward, into the holder and turning it as necessary in contact with the oil carrying medium.

This application is a division of application Serial No. 406,213 filed December 12, 1907 for improvements in shoe beating machines.

The invention will now be described in connection with the drawings and then be pointed out in the claims.

Figure 1 shows a portion of a shoe shaping and finishing machine equipped with this invention; Figs. 2, 3, 4 and 5 show how the oil holder may be used.

In Fig. 1 is shown a machine having a table 2 and shafts from which are driven a toe trimmer 3 for preparing a lasted shoe to be beaten, a rotary beater 4, a blocking or polishing tool 5 and a frictionally heated upper ironing tool 6 arranged as in commercial machinery in use in shoe factories. The holder 8 is conveniently secured on the table 2 in position for presentation of the shoe to it after the surplus material of the toe has been removed by the trimmer 3 and preparatory to the presentation of the shoe to the beater, blocker and ironer. The holder is cup-shaped with its front wall cut away from the upper edge downwardly part way only to its bottom on lines appropriate for forming an opening and seat to receive the toe portion of a shoe in the position shown in Figs. 2 or 3. This forms a well in the cup to receive the toe of the shoe, a seat 10 for the forepart of the shoe, and side and end walls 11, 12, 13 between which the toe is positioned and which serve an additional purpose. Within the well I provide an oil carrying medium 15, preferably one which will conduct the oil to its upper surface by capillary attraction, and into which the portion of the shoe is to be thrust to which an application of oil is to be made. The walls,

11, 12, 13 not only serve as abutments for the shoe but also as faces extending above the seat face 10 and against which the oil carrying medium may be banked to apply oil to the edges and sides of the shoe, as shown in Figs. 3 and 4. This construction permits the operator, by the direction in which the shoe is presented, see the arrows in Figs. 2, 3 and 4, to keep the surface of the oil carrying medium flat, see Fig. 2, to apply oil only to the upper on the margin of the shoe bottom or to bank it up against the walls, see Figs. 3 and 4, for applying the oil to the edges and sides of the toe. The construction allows the heel portion of a shoe to be presented similarly to Figs. 2 or 3 or the heel or the toe to be presented end downwardly as suggested in Fig. 5.

It is obvious that other leather tempering or the like agencies than oil, vaseline, etc., may be used in the holder.

Having explained the nature of my invention and described a preferred construction, I claim as new and desire to secure by Letters Patent of the United States:

1. An oil holder for facilitating the application of oil to shoes, comprising a cup-

shaped structure having a well to receive an oil carrying medium and having one side cut away to provide a recess adapted to receive the toe portion of a shoe and presenting a seat 10 and end and side walls 11, 12, 13 between which to position the toe for application of oil to the desired portions of the upper.

2. An oil holder for facilitating the application of oil to shoes, comprising a cup-shaped structure having a well, an oil carrying medium arranged in the well, and an opening through one side adapted to permit the toe portion of a shoe to be thrust downwardly and inwardly therethrough into the oil carrying medium in directions to bank the said carrying medium up against the walls of the holder in position to apply oil to the sides and edges of the toe.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

ORRELL ASHTON.

Witnesses:

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Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents, Washington, D. C."