June 2, 1936. C. BACHER 2,043,145

LIQUID WAXING DEVICE

Filed Jan. 14, 1935

Fig. 1

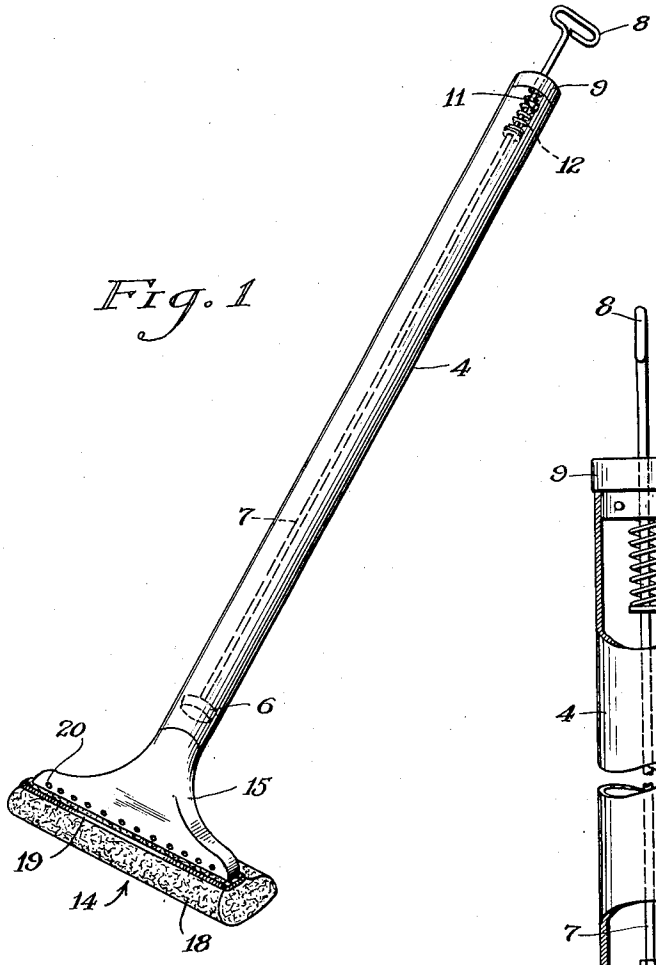


Fig. 2

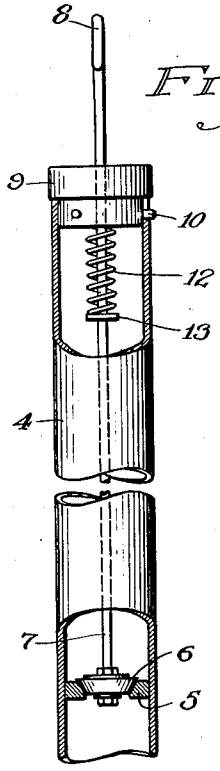
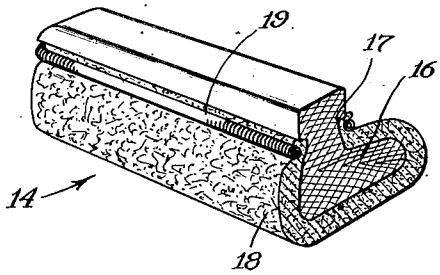


Fig. 3



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LIQUID WAXING DEVICE

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Application January 14, 1935, Serial No. 1,787

1 Claim. (Cl. 91—39)

This invention relates to waxing devices particularly adapted for the application of liquid waxes and such materials for floors.

The object of my invention is to provide a liquid applicator comprising a reservoir from which liquid wax may be delivered at the will of the operator to be applied by means of a mop or cloth to the floor to be polished.

A further object of my invention is to provide in a liquid waxing device means for attaching the mop or applicator cloth by which the latter may be conveniently removed for cleaning or replacement.

The invention will be fully and comprehensively understood from a consideration of the following detailed description when read in connection with the accompanying drawing which forms part of the application, with the understanding, however, that the improvement is capable of extended application and is not confined to the exact showing of the drawing nor to the precise construction described and, therefore, such changes and modifications may be made therein as do not affect the spirit of the invention nor exceed the scope thereof as expressed in the appended claim.

In the drawing:

Fig. 1 is a perspective view of my liquid waxing device in position for use.

Fig. 2 is a fragmentary view, partly in section, of the handle portion of my device; and

Fig. 3 is a perspective view, partly in cross-section, of the mop member of my device.

Referring now to the drawing for a more detailed description thereof, the numeral 4 indicates a tubular handle, the interior of which functions as a reservoir in which a supply of the liquid wax may be contained. At the lower end of the handle 4 and fixed to the interior thereof is a valve seat 5 against which the valve 6 engages to form an openable closure. A valve rod 7, being attached to the valve 6, extends axially upward thru the handle 4 and terminates beyond the latter in a suitably formed knob or grip 8. The upper end of the handle 4 is fitted with a closure cap 9, which is removably held in place by means of a plurality of pins 10 on the cap, which pins engage in corresponding L-shaped slots 11 cut in the wall of the handle 4. The cap 9 functions to close the upper end of the handle 4 thru which liquid wax is supplied to the reservoir as well as to act as a guide for the valve rod 7. The valve 6 is held against its seat 5 by the pressure of a spring 12, one end of which bears against the inner side of the cap 9 and pressed at its lower end against a disc 13 affixed to the valve rod 7. At the will of the operator by pulling on the knob 8 the valve 6 may be opened to supply the liquid wax contained within the handle 4 to the mop 14.

To the lower end of the handle 4 is permanently fitted a flared member 15 of hollow construction, the interior of which transforms from the interior of the handle 4 downwardly to terminate in an elongate oblong opening at the bottom thereof. Into this opening is snugly fitted the upper portion of a block 16 being frictionally engaged therein so as to hold firmly during the use of my device as well as to be conveniently removed at will. The lower portion of the block 16 is substantially L-shaped in cross-section and extends along the entire lower edge of the member 15. A groove 17 extends continuously around the entire block 16, which groove functions to hold a suitable cloth or lamb's wool mop 18 in conjunction with a metallic spring or other suitable elastic band 19. In applying the cloth 18 to the block 16 the former is held in place until the elastic band 19 is applied, thus to hold the edges of the cloth 18 into the groove 17.

The flag member 15, with the block 16 securely placed therein, forms a means by which the wax being supplied from the handle 4 is distributed over the entire length of the mop 14. For this purpose a series of openings 20 are formed in the longitudinal wall of the member 15 just above the block 16. From these openings the wax issues to be absorbed into the cloth 18, from which the liquid wax may be conveniently applied to floor surfaces.

What is claimed as new is:

A device for applying liquid wax and for polishing with the same, comprising a hollow handle, a hollow distributing head at the lower end of the handle and adapted to receive liquid wax therefrom, said distributing head having a series of apertures extending substantially the length thereof, an elongate block transverse to said handle and fitted into said head and having a flat bottom, a polishing pad secured to said block and adapted to receive the wax from the apertures in the head, a valve normally closed and adapted to retain the wax in said handle, means whereby said valve may be opened, said valve being adjacent the bottom of the handle and said means comprising a stem secured to said valve and extending thru the top of the handle, and a spring holding said valve closed.

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