Oct. 2, 1934. B. J. LEVIN 1,975,643

COMBINATION BRUSH AND HOLDER

Filed Jan. 31, 1933

Fig. 1

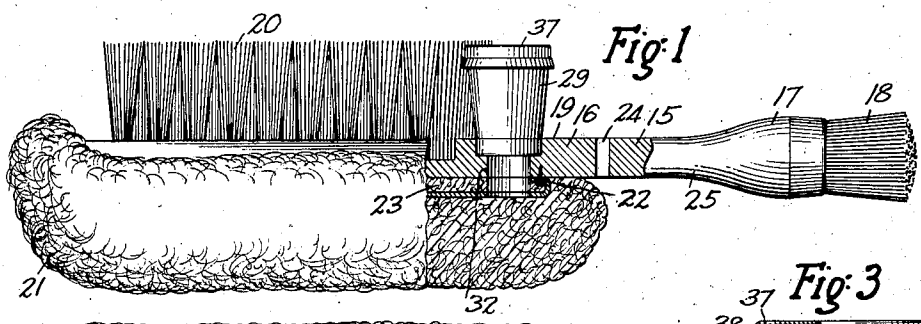


Fig. 2

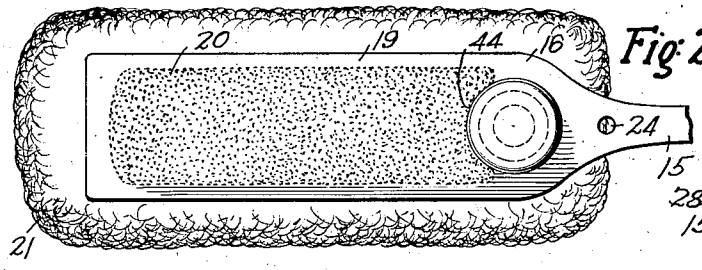


Fig. 3

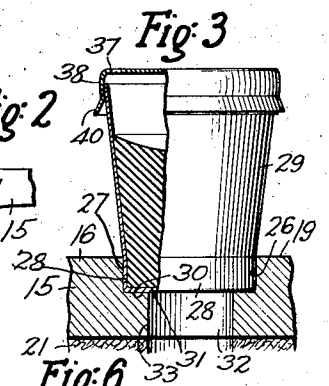


Fig. 4

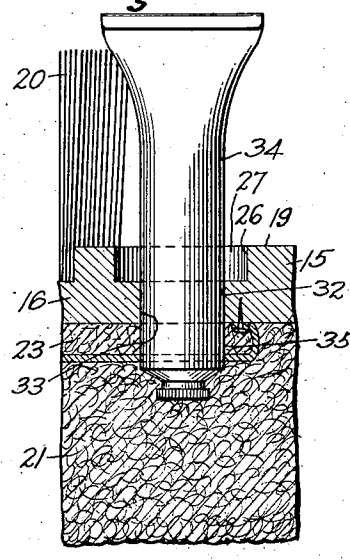


Fig. 5

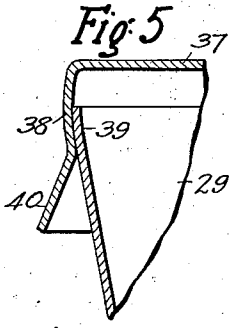


Fig. 6

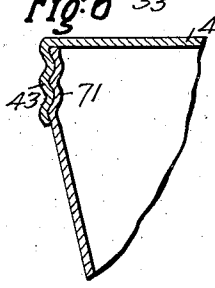


Fig. 7

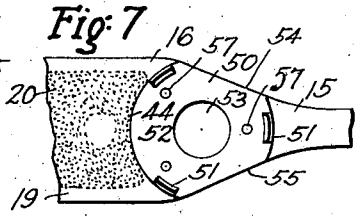


Fig. 10

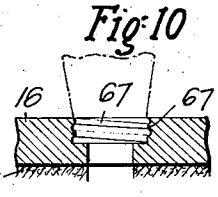


Fig. 11

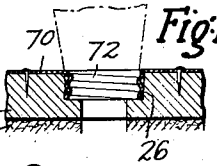


Fig. 9

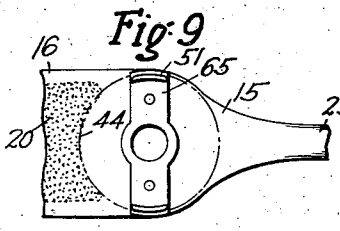
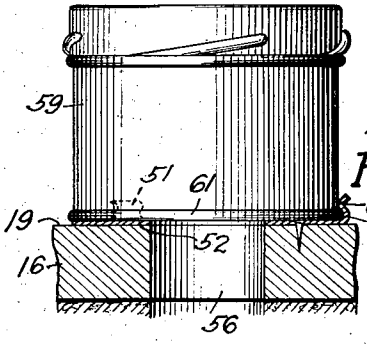


Fig. 8



INVENTOR-
Ben James Levin
BY
Harry Jacobson
ATTORNEY-

Patented Oct. 2, 1934 1,975,643

UNITED STATES PATENT OFFICE

1,975,643

COMBINATION BRUSH AND HOLDER

Ben James Levin, New York, N. Y.

Application January 31, 1933, Serial No. 654,370

1 Claim. (Cl. 15—108)

This invention relates to polishing brushes and constitutes an improvement over my prior patent for Combination polishing brush, No. 1,870,057, dated August 2nd, 1932. In my said prior patent, I have shown a hand brush adapted particularly for polishing shoes, and embodying a dauber, an initial polishing brush and a final polishing member, all carried by a convenient and peculiarly formed handle designed to so fit the hand as to permit the quick and easy manipulation of the brush to perform its various functions.

The present invention contemplates the provision of means on the handle for removably securing a container for polish thereto, whereby all the materials needed in the polishing operation are arranged and carried in position on a single support and without danger of loss or misplacement.

The various objects of my invention will be clear from the description which follows, and from the drawing, in which,

Fig. 1 is a front elevation of my improved brush, partly in section.

Fig. 2 is a top plan view of the same, the dauber end of the brush, however, being omitted for clarity.

Fig. 3 is a vertical section of the container-holding portion of the brush, and of one form of container removably carried thereby.

Fig. 4 is a similar vertical section of a portion of the brush showing another form of container mounted thereon, said container taking the form of a collapsible tube.

Fig. 5 is an enlarged partial vertical section of the container shown in Fig. 3.

Fig. 6 is a similar view of a modified form of container wherein cooperating rolled screw threads are provided on the cover and on the container proper.

Fig. 7 is a top plan view of a modified form of the means for removably securing the container to the brush.

Fig. 8 is an elevational view and partial section of the same on an enlarged scale, showing a beaded cylindrical container secured in place.

Fig. 9 is a top plan view of a modified form of the resilient holding means shown in Figs. 7 and 8.

Fig. 10 is a vertical section of a modified form of the container holding means illustrated in Fig. 3.

Fig. 11 is a similar view of another modified form of the container holding means.

It will be understood that the means for removably holding the polish container to the combined support and brush handle may take a variety of forms, a few of which have been illustrated by way of example.

In the practical embodiment of my invention, the brush supporting member and handle 15 is preferably made of wood, and comprises a flat portion 16 of uniform thickness provided with an enlarged end 17, in which the dauber bristles 18 are suitably secured to form a dauber brush.

On the flat upper face 19 of the portion 16, are arranged a number of polishing bristles 20 to form an initial polishing brush designed to be used after polish has been applied to a shoe or other surface by the dauber 18. On the opposite face of the portion 16 is arranged the final polishing member 21, preferably of sheep skin or the like, secured in place by suitable means, such as the tacks 22 with the layer 23 of felt interposed between said member 21 and the portion 16.

In order that the brush may be conveniently hung up in place on a nail, screw, hook or the like, a hole as 24 is made through the portion 16 and preferably near one end of the handle grip portion 25, and between the container holding means and the adjacent end of the brush handle.

As has been hereinbefore indicated, means are provided for removably holding a suitable polish container to the brush in such a manner that the container may be removed from the brush, when it is desired to apply polish by means of the dauber 18 to the surface to be polished.

As shown particularly in Figs. 1 to 4 inclusive, said means takes the form of the wall 26 surrounding the enlarged recess 27 extending downwardly from the upper surface 19 of the brush handle into said handle and between the bristles 20 and the hole 24. The wall 26, which is preferably of cylindrical shape for the reception of the lower cylindrical end portion 28 of a suitable container 29, may nevertheless be made of any prismatic form.

Said wall 26 terminates at its lower end in a preferably horizontal shoulder 30 adapted to engage the bottom 31 of the container, it being understood that said wall is made of such size and is so designed as to frictionally engage the container wall 28, and thereby to maintain the container normally in place against accidental detachment. The larger recess 27 communicates with a smaller recess 32 to provide the shoulder 30 therebetween, said smaller recess extending the remaining distance through the thickness of the brush portion 16. The wall 33 of the recess 32 is of sufficient diameter to frictionally engage

the outer cylindrical wall of the collapsible polish container tube 34, (Fig. 4).

In order to insure that the tube is properly held in place on the brush, as for example, when the brush is taken down from its hook or replaced on its hook, I prefer to provide in the felt pad 23 and in the leather backing of the member 21, an opening as 35 arranged coaxially of the recess 32, and of slightly less diameter than that of the tube 34, whereby the yieldable walls of the opening in the felt pad and sheep skin are slightly compressed when the tube is passed therethrough to act as a resilient securing member for the tube.

It will be understood that when polish is to be applied, the container, irrespective of its size, shape or form, may be readily removed by an outward pull from its engagement with the walls which hold it in place. During the polishing operation, the container may be held in one hand of the user, and the polish contained therein applied to the brush 18. In the case where collapsible tubes 34 are used, the polish is, of course, squeezed on to the brush, but in the case where a comparatively rigid container is used, the cover as 37 of the container is removed and the brush inserted into the container.

The container itself may take a number of different forms, some of which have been illustrated. As shown in Figs. 1, 2, 3 and 5, the container 29 consists of an intermediate conical portion terminating at its lower end in a cylindrical portion 27, and provided with a friction cap 37. Said cap is provided with an annular curved portion 38 designed to slightly compress and to properly grip the somewhat yieldable upper edge 39 of the container 29. The portion 38 terminates in an outwardly extending flange 40, spaced from the body 27 of the container, whereby the finger of the user may be inserted therebetween and the cover readily forced off the container top to expose its contents.

As shown in Fig. 6, however, it will be seen that the upper edge 71 of the container is provided with a rolled screw thread, and that the cover 42 may be provided with a corresponding rolled thread 43 whereby the cap may be screwed on to and off the container.

As best illustrated in Figs. 1 and 2, one end of the mass of brush-forming bristles 20 adjacent the handle grip is concavely curved as at 44 to conform to the shape of and to engage part of the surface of the container. Owing to the yielding engagement of the surfaces of the brush with said container part, the bristles are compressed.

In that form of my invention shown in Fig. 7, for the wall 26 may be substituted a metallic member 50, provided with spaced, resilient, container-engaging members 51 upstanding from the flat plate portion 52 thereof. The plate portion 52 is provided with a central opening 53 communicating with the opening 56 in the handle portion 15 for the reception of a collapsible tube, if desired, instead of the large type of container. The member 50 is preferably secured on the upper face 19 of the portion 16 by suitable fastening means such as the fasteners 57, which may take the form of tacks, nails, screws or the like.

I have shown said portion cut away at its edges 54 and 55 to conform to the shape of the handle portion of the brush. The resilient members 51 are integral with and project from the plate portion 52, being provided with an inner yieldable bend 60 and a recess 58. As the container 59 is pressed past the inner portion of the bends 60, the yieldable members 51 are forced outwardly so that the bead 61 of the container enters the recess 58, whereupon the members 51 being freed, move inwardly to grip the bead and thereby hold the container removably in position.

I have shown three members 51, arranged at substantially equally spaced intervals around the edge of the plate 51, but it will be understood that any convenient number of such members, spaced as desired, may be used.

In Fig. 9, I have illustrated a strip 65 arranged transversely of the handle portion 16 and provided with opposed yieldable gripping members 51. Said strip is preferably centrally perforated, being provided with an enlarged central portion communicating with the smaller tube-holding opening in the handle portion.

As another means of holding a container in place, I have shown in Fig. 10, the walls 66 of the container receiving opening 67 threaded, to receive a correspondingly threaded lower end of a suitable container. Similarly, in Fig. 11, I have shown a separate member 70 provided with a downwardly projecting threaded cylindrical portion 72 inserted into contact with the walls 26 of the container receiving recess. Said member 70 is also adapted to receive the lower threaded end of a suitable container.

It will be seen that I have provided means on a brush whereby all the materials needed to perform the polishing operation are carried conveniently and accessibly and without the necessity for the user hunting in different places to assemble the necessary implements. It will further be seen that I have provided a brush support designed to carry conveniently, a variety of containers of different shapes, and provided with simple and efficient means for that purpose, and that I have provided a handy and convenient brush well adapted to meet the severe requirements of practical use.

While I have shown and described certain specific embodiments of my invention, it will be understood that I do not intend to limit myself thereto but desire to claim my invention as broadly as may be permitted by the state of the prior art and the scope of the appended claim.

I claim:

In a polishing outfit, an elongated supporting member, and a yieldable pad member on one face of said supporting member, said members having aligned openings therein, the opening of the pad member being of slightly smaller diameter than that of the supporting member, whereby a container passed through and fitting the opening in the supporting member and passed into the smaller opening in the pad member compresses the yieldable walls of the smaller opening and is thereby frictionally maintained in place.

BEN JAMES LEVIN.