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SHOE POLISHING KIT

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Fig. 1.

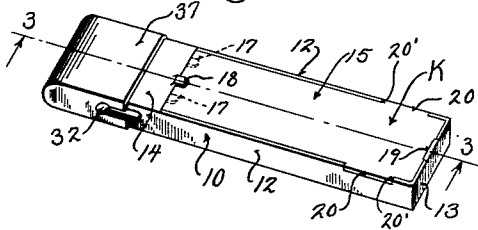


Fig. 2.

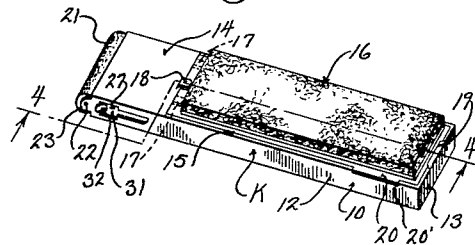


Fig. 3.

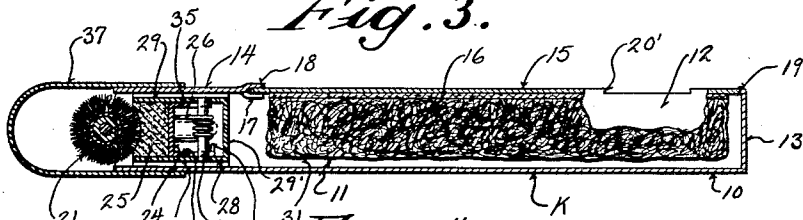


Fig. 4.

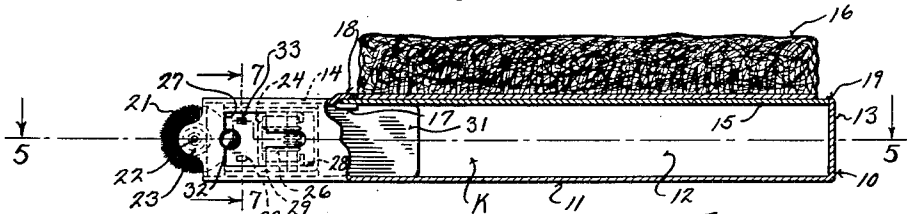


Fig. 5.

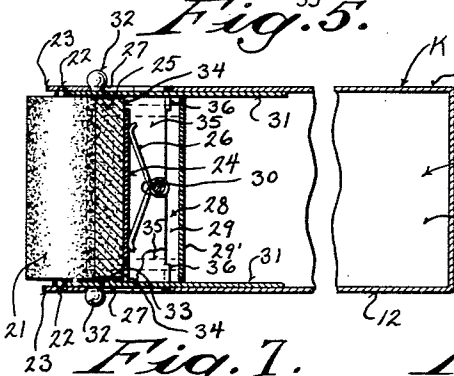


Fig. 6.

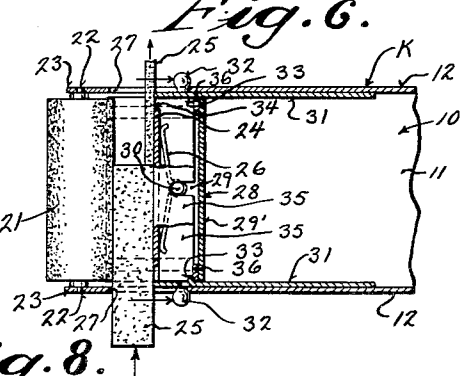


Fig. 7.

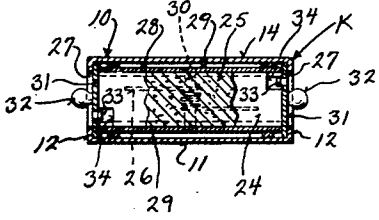
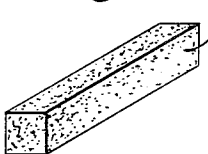


Fig. 8.



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SHOE POLISHING KIT

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2 Claims. (Cl. 15—132.5)

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This invention appertains to shoe polishing kits and one of the primary objects of the invention, is to provide a small compact case capable of being carried in the pocket and containing the necessary implements for permitting the quick and convenient polishing of shoes.

Another salient object of my invention is the provision of a shoe polishing kit embodying a flat, hollow case of a shape and size to form a convenient handle with a rotary polish applicator at one end thereof normally covered by a removable protecting cap.

A further object of my invention is the use of shoe polish in the form of a stick or cartridge with a spring pressed follower for urging the polish into engagement with the rotary applicator, whereby upon the rolling of the applicator over the shoe, polish will be applied thereto.

Another further object of my invention is the provision of sliding cover plates or gates on opposite sides of the case and inward of the rotary applicator, whereby upon inward movement of the gates a new stick of polish can be conveniently inserted in the case with the stick functioning as a pusher for forcing out particles of a used up stick of polish.

A still further object of my invention is the provision of a freely movable spring pressed follower for the stick of polish with means for moving the follower back away from the applicator upon the opening of the sliding plates or gates.

A still further important object of my invention is the provision of a reversible closure plate forming one side of the case, the closure plate having secured to one face thereof a polishing brush, sheepskin or the like, the closure plate in one of its positions exposing the brush to view for polishing a shoe, and in another of its positions with the brush enclosed within the case.

With these and other objects in view, the invention consists in the novel construction, arrangement and formation of parts, as will be hereinafter more specifically described and claimed, and illustrated in the accompanying drawings, in which drawings,

Figure 1 is a perspective view of my shoe polishing kit ready to be carried in the pocket.

Figure 2 is a view similar to Figure 1, but showing the cap removed to expose the rotary applicator and the cover plate in its reversed position for exposing the polishing brush or the like.

Figure 3 is a longitudinal sectional view through the kit, taken on the line 3—3 of Figure 1, looking in the direction of the arrows, the view being on a larger scale than Figures 1 and 2.

Figure 4 is a view similar to Figure 3, but taken on the line 4—4 of Figure 2, looking in the direction of the arrows.

Figure 5 is a longitudinal sectional view taken at right angles to Figure 4 and on the line 5—5 of Figure 4, looking in the direction of the arrows, illustrating the rotary applicator and the follower urging the stick of polish against the applicator.

Figure 6 is a view similar to Figure 5, but showing the sliding gates moved to their open position with the follower forced back and a new stick of polish being inserted in place.

Figure 7 is a transverse sectional view through the kit taken on the line 7—7 of Figure 4, looking in the direction of the arrows and illustrating the means car-

ried by the sliding plates for moving back the spring pressed follower.

Figure 8 is a detail perspective view of a stick of polish which is adapted to be used with my kit.

Referring to the drawing in detail, wherein similar reference characters designate corresponding parts throughout the several views, the letter K generally indicates my improved shoe polishing kit, and the same embodies an elongated relatively thin case 10, which can be formed from any desired material, such as sheet metal, or plastic. As illustrated, the case 10 includes a flat outer wall 11 having formed on its longitudinal edges, side walls 12 and on one transverse edge, an end wall 13. Adjacent to the forward open end of the case is a cross plate 14, which forms a part of a top wall. A removable and reversible cover plate 15, is provided for the case and constitutes the major portion of the top wall. This cover plate 15 has firmly secured to one face thereof, such as by a suitable adhesive, a shoe polishing member 16, and this can be sheepskin, felt, or any other desired material best suited for the purpose intended. To removably hold the cover 15 in position on the case, the inner edge of the cross plate 14 has formed thereon inwardly projecting, down-struck tongues 17 and an inwardly projecting up-struck tongue 18. One edge of the cover is fitted between these tongues and the other edge of the cover is snapped under a resilient finger 19 formed on the end wall 13. To facilitate the removal and reversing of the cover 15, the same is provided on its opposite edges with laterally extending finger pieces 20 and these finger pieces are normally received within notches 20' formed in the side walls 12.

As is clearly shown in Figures 1 and 3, when the polishing member 16 is not in use, the cover plate 15 is turned so as to dispose the polishing member 16 innermost and the cover is first inserted between the tongues 17 and 18 and then swung down and snapped under the resilient finger or lip 19. When it is desired to use the polishing member 16, the cover 15 is removed by grasping the finger pieces 20 and swinging the cover 15 upwardly away from the resilient finger 19 after which the cover is reversed so as to dispose the polishing member 16 outermost. The cover is then again associated with the case, as best shown in Figures 2 and 4, and the case functions as a handle to facilitate the manipulation of the polishing member. Obviously, with the polishing member 16 disposed in the case, the same is protected from harm and injury to garments is prevented during the carrying of the case in the pocket.

As brought out in the objects of the specification, one of the salient features of the invention is the provision of novel means for applying shoe polish to the shoe and to accomplish this purpose, I provide a rotary brush 21 which extends transversely of the forward end of the case. While I prefer using a brush, it is to be understood that the applicator can be in the nature of a roller and can be either felt or other desired material. The terminals of the rotary brush are provided with pintles 22 which are rotatably received in openings formed in forwardly projecting ears 23 carried by the side walls 12 of the case. In order to apply shoe polish to the applicator, I arrange within the case a spring pressed follower 24 which functions to normally urge a stick of shoe polish 25 into engagement with the rotary applicator or brush. As illustrated, a spring 26 engages the follower and pushes the same against the stick of polish and gradually urges the polish against the brush as the polish wears down. I lay particular stress on the stick of polish 25, and it is proposed to compress the polish into stick form and of a length slightly less than the width of the case. The opposite sides of the case, namely, the side walls 12, inward of the rotary applicator 21, are provided with transversely aligned openings 27 to receive the stick. Means, which will be later described, is provided for normally closing the openings 27.

The spring 26 provided for urging the follower 24 toward the applicator can merely be carried by a transverse partition arranged in the forward end of the

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case, but as illustrated, I arrange in and secure to the forward end of the case, a frame 28 of a U-shape in cross-section and this frame 28 includes spaced parallel side walls 29 and an inner transversely extending partition wall 30. The side walls 29 form a guide for the follower 24 and for the stick of polish. Further, the side walls 29 constitute means for supporting a cross pin 30 which carries the spring 26. The opposite ends of the walls 29 of the frame terminate slightly short of the side walls 12 of the case and define a guide for a pair of sliding plates or gates 31, utilized for normally closing the openings 27. Each of the gates 31 is provided with a manipulating finger knob 32. The user of the device merely has to place his hand around the case and engage the knobs 32 with his fingers and pull back on the knobs to slide the gates inwardly away from the openings 31.

It is to be noted that normally the follower 24 has free sliding movement within the case frame 28, but I provide means on the gates 31 for engaging the follower upon opening movement of the gates, so as to bring the follower back against the tension of its spring, so that a new stick of polish can be inserted within the case without difficulty. By providing the transversely aligned openings 27, it can be seen (see Figure 6) that upon the insertion of a new stick of polish 25 into the case, through one opening 27, particles of polish from a used stick can be forced out of the other openings 27. To move back the follower 24 upon the opening of the gates 31, I strike out fingers 33 from the gates, and the follower plate 24, itself, is provided with notches 34 so that the fingers will have free movement past the follower plate. Formed on the follower plate, are side wings 35 which slidably engage the side walls 29 of the frame 28 and the inner ends of these wings have formed thereon inwardly projecting ears 36, which are disposed in the path of the fingers 33, during the inward sliding movement of the gates. Upon the opening of the gates the fingers will move past the follower plate 24 and will then engage the ears 36 and bring back the follower plate against the tension of the spring.

In use of my device and when it is desired to apply polish to a shoe, it is merely necessary to roll the applicator over the shoe and upon turning of the applicator, the same will pick up the polish from the stick 25

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and apply the same to the shoe. After the desired amount of polish has been worked into the shoe, then the shoe can be shined by the polishing element 16. A removable cap 37 is provided for the forward end of the case and completely encloses the rotary applicator 21 when the same is not in use.

Changes in details may be made without departing from the spirit or the scope of this invention, but what I claim as new is:

1. In a shoe polishing kit an elongated hollow case having its forward end open, a rotary polish applicator carried by the forward open end of the case, the opposite sides of the case inward of the applicator being provided with transversely aligned openings, a stick of shoe polish insertable in the case through the openings, a spring pressed follower slidably mounted in said case normally bearing against the stick of polish and having free sliding movement, a pair of gates slidably carried by the case for normally closing the openings and means carried by the gates for moving the follower inward against the tension of its spring upon the opening of the gates.

2. In a shoe polishing kit an elongated casing constituting a handle having its forward end open, a rotary polish applicator carried by the open end of the case, the opposite sides of the case inward of the applicator being provided with transversely aligned openings, a stick of shoe polish insertable in the case through said openings, a spring pressed follower mounted in said case and normally urged toward the stick of polish for moving said stick into engagement with the applicator, a pair of sliding gates carried by the case for closing said openings, said follower plate including side wings and inwardly extending ears, and inwardly extending fingers carried by the gates adapted to engage said ears upon inward sliding movement of the gates for moving back the follower against the tension of its spring.

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