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V. BOHNER

2,463,141

COMBINED SHOESHINE BOX AND FOOT REST

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FIG. 1.

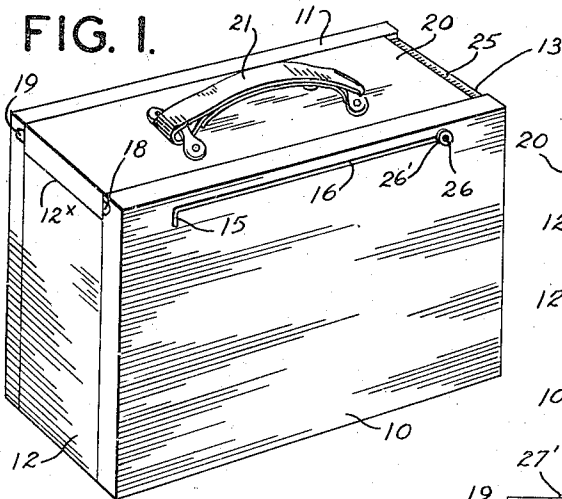


FIG. 2.

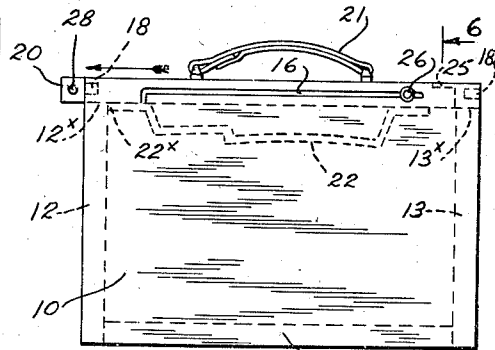


FIG. 3.

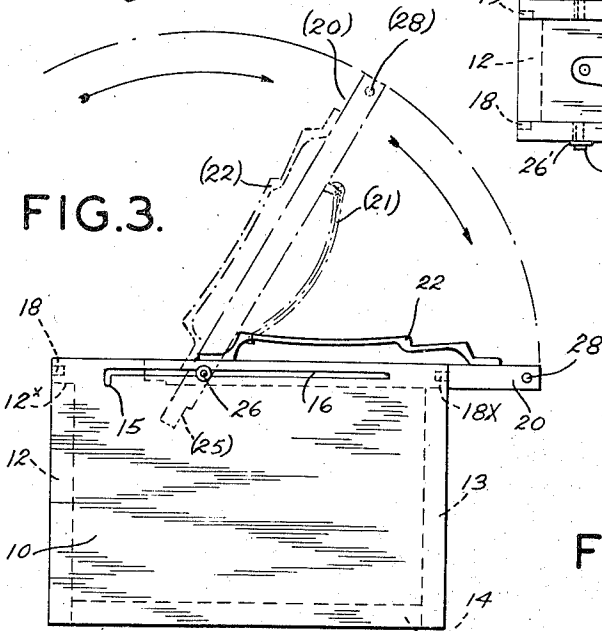


FIG. 5.

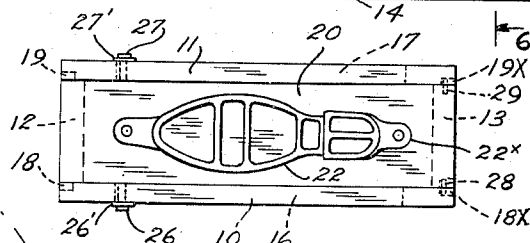


FIG. 6.

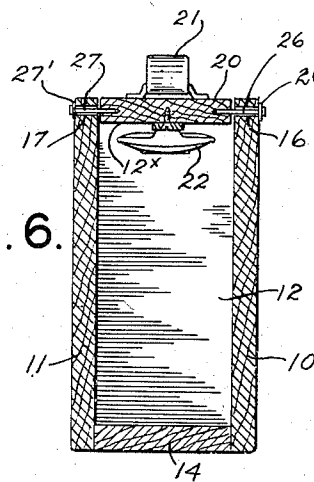
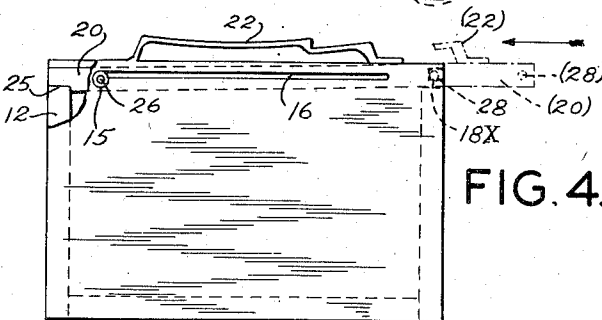


FIG. 4.



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COMBINED SHOESHINE BOX AND FOOTREST

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4 Claims. (Cl. 15—265)

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This invention relates to shoe polish kits or boxes in which are kept the equipment—such as brush, polish, rags, etc.—for cleaning, blackening or polishing shoes, and which is implemented with a rest upon which the foot of the user may be placed to facilitate the shoe-polishing operation.

One of the objects of this invention is to provide a shoe polish kit of the character described which will be extremely simple in the number of parts and also in operation, which will be compact and inexpensive to produce, and which will present a neat appearance. A further object is to provide a shoe polish kit which can be quickly converted from its normal closed condition to an open or operative condition in which it serves as a shoe-shine stand, and vice versa.

For the attainment of the foregoing and such other objects of invention as may appear or be pointed out herein, I have shown a preferred embodiment of my invention in the accompanying drawing, wherein:

Fig. 1 is a perspective view of the improved kit in its closed condition;

Fig. 2 is a side view thereof, with the lid pulled a slight extent to the left, in the first step in opening the kit and/or converting it into a shoe-shine stand;

Fig. 3 is a side view similar to Fig. 2 but showing the lid turned 180°, in the second step of the conversion started in Fig. 2;

Fig. 4 is likewise a similar side view but showing the 180° turned lid (of Fig. 3) moved leftwardly to lock it in operative condition to present the shoe rest for use;

Fig. 5 is a top view of the improved kit in operative condition, with the shoe rest at top thereof, ready for use; and

Fig. 6 is a vertical section taken on the line 6—6 of Fig. 2.

The improved kit is conveniently in the form of a small wooden box, Fig. 1, formed from a pair of side pieces 10, 11, a pair of end pieces 12, 13 and a bottom piece 14, joined together to form an open container. The height of the end pieces 12, 13 is somewhat less than that of the side pieces 10, 11, see Fig. 1, to present the top edges 12^x, 13^x of the end pieces, respectively 12, 13, sufficiently below the top edges of side pieces 10, 11 to provide clearance for a lid 20. The thickness of lid 20 is such that, when resting on top ledges 12^x, 13^x, the top surface of the lid is substantially flush with the top surfaces of the side pieces 10, 11.

Lid 20 is operatively connected or associated with the open container by means of a pair of headed pins, nails, screws or the like 26, 27, see Fig. 6, projecting outwardly from the side edges of the lid. Pins 26, 27 clear through long slots 16, 17 in the respective side pieces 10, 11. Slots 16, 17 are disposed in the upper portions of side pieces 10, 11 and, more particularly, in the por-

tions thereof above the top ledge 12^x of end piece 12, Fig. 6, and the top ledge 13^x of the other end piece 13. Slots 16, 17 extend for a considerable portion of the length of the container, as best shown in Fig. 1 with reference to slot 16 of side piece 10. Pins 26, 27 may have washers, respectively 26', 27', Figs. 6 and 1. Instead of a separate pin at each end of the lid, a single long pin or rod may be used extending through the lid and projecting from both sides thereof.

In the closed position of lid 20, as in Fig. 1, its pin 26 which appears in this figure (and pin 27 which is not seen) are at the right ends of their respective slots 16 (seen in Fig. 1) and 17 (not seen). Lid 20 has a handle 21 which is used in transporting the kit and which may also be used in opening the kit and/or converting it into a shoe-shine stand. If the kit were lifted by its strap or handle 21, there would be a tendency to slightly tilt lid 20 upwardly on its pivoted connection to the container at pins 26, 27. To avoid this there is provided a second connection between lid 20 and the container, in addition to the pivoted connection at the right constituted by pins 26, 27. This second connection at the left end of the lid comprises a pair of short pins 28, 29 projecting from the sides of lid 20 close to the left end thereof, which are receivable in short grooves respectively, 18, 19 provided in the side pieces 10, 11 and opening at the left end thereof, Fig. 1. In the closed position of lid 20, its pair of short pins 28, 29 are received in their respective grooves 18, 19. Hence when the kit is lifted by its handle 21, the load thereof is substantially equally distributed at the left short pins 28, 29 and at the right, pivotal pins 26, 27.

To open the kit and/or convert it into a shoe-shine stand, lid 20 is moved slightly to the left as shown in Fig. 2, the leftward movement being indicated by the arrow. This leftward lid movement causes the short pins 28 (see Fig. 2) and the other pin 29 (not seen in Fig. 2) to be withdrawn from their respective grooves 18 (Fig. 2) and 19. Its left pins 28, 29 having been withdrawn from container grooves 18, 19 lid 20 may then be turned 180° upon its right pivotal pins 26, 27 in the clockwise direction as shown in Fig. 3, this clockwise lid turning being indicated by the two arcuate arrows shown in Fig. 3. Upon being turned in this manner, the right end of lid 20 extends rightwardly of the container, as is shown in Fig. 3.

If it is desired merely to gain access into the interior of the kit, lid 20, Fig. 3 is simply moved rightwardly a sufficient extent to provide the desired opening between the left end piece 12 and the left end, Fig. 3, of the lid. If it is desired to convert the kit into a shoe-shine stand, the lid 20 is moved leftwardly to lock it in place, as will be described. But first it should be stated that, whereas strap or handle 21 is secured to

one surface of lid 20, there is secured to its other surface a shoe rest 22. Shoe rest 22 will not of course be seen when the kit is closed as in Fig. 1. But when lid 20 has been turned 180° as described, shoe rest 22 is uppermost, as in Figs. 3-4-5. Shoe rest 22 is disposed centrally of the lid, as best seen in Fig. 5. The leftmost portion of the shoe rest, designated 22* in Figs. 5 (and 2), is spaced a predetermined distance from the left end of the lid, so that, when the lid is moved to the left in the first step in opening the kit and/or converting it into a stand, portion 22* will abut the left end piece 12 of the container as in Fig. 2. This abutment indicates to the user that the lid has been moved sufficiently to the left; whereat it is turned as in Fig. 3.

The right end of side pieces 10, 11 of the container are provided with grooves similar to those (18, 19) at the left ends. Similarly, the right grooves 18X and 19X open at the right end of the container. When the lid 20, Fig. 3, is moved to the left to convert the kit into a shoe-shine stand, its short pin 28, Fig. 3 (and pin 29, Fig. 5) enter the grooves, respectively 18X and 19X.

To prevent the lid from moving when the converted shoe-stand is being used, I have provided the following means for firmly locking the lid to the container: At its left end, slot 16 has a short downwardly directed extension 15, Figs. 1, 3, 4, and the companion slot 17 (not shown in these figures) has a similar downwardly directed extension. When lid 20 is moved to the left to convert the kit into a stand, as in Fig. 4, its pin 26, Fig. 4 (and its other pin 27, not seen in Fig. 4) drop into the downward extensions 15 at the left end of the slots. In this position of pins 26, 27, the lid is held against movement. To allow pins 26, 27 to drop into slot extensions 15, the left end (Fig. 4) of the surface of lid 20 is notched, indicated at 25 (see also Fig. 1 where notch 25 is now at the right end since the lid 20 in Fig. 1 is turned 180° from its position in Fig. 4.)

I claim:

1. A shoe-shine kit convertible into a stand, comprising an open container and a lid, said container comprising a pair of side pieces and a pair of end pieces, said pair of end pieces being shorter than the side pieces a distance substantially equal to the thickness of said lid whereby a closed kit is presented with a substantially flush top, said pair of side pieces having long parallel slots near the tops thereof and said lid having a pair of headed pins projecting from the side edges thereof and receivable in said slots, said pair of headed pins being disposed near one end of the lid and stopped by that end of the slots when the lid is in closed position, said pair of side pieces having a short, inwardly facing groove opening at each end thereof and said lid having at its end opposite the first-mentioned end, a pair of short pins projecting from the sides thereof, said pair of short pins being received, when the lid is in said closed position, in the grooves at that end of the side pieces, a handle secured to the top surface of the lid when in said closed position whereby the kit is lifted with the load distributed both at said pair of headed pins and said pair of short pins, and a shoe rest secured to the underside of the lid, said shoe rest being concealed when the lid is in said closed position and exposed at the top of the container when the lid is turned 180° on its said pair of headed pins to convert the kit into a shoe-shine stand, the said short pins of the lid being re-

ceived in said converted position thereof in the grooves at the other end of the side pieces.

2. A shoe-shine kit convertible into a stand, comprising an open container and a lid, said container comprising a pair of side pieces and a pair of end pieces, said pair of end pieces being shorter than the side pieces a distance substantially equal to the thickness of said lid whereby a closed kit is presented with a substantially flush top, said pair of side pieces having long parallel slots near the tops thereof and said lid having headed projections extending from the side edges thereof and receivable in said slots, said headed projections being disposed near one end of the lid and stopped by that end of the slots when the lid is in closed position, said pair of side pieces having a short, inwardly facing groove opening at each end thereof and said lid having at its end opposite the first-mentioned end, short projections extending from the sides thereof, said short projections being received, when the lid is in said closed position, in the grooves at that end of the side pieces, a handle secured to the top surface of the lid when in said closed position whereby the kit is lifted with the load distributed both at said pair of headed projections and said pair of short projections and a shoe rest secured to the underside of the lid, said shoe rest being concealed when the lid is in said closed position and exposed at the top of the container when the lid is turned 180° on its said headed projections to convert the kit into a shoe-shine stand, the said short projections of the lid being received in said converted position thereof in the grooves at the other end of the side pieces.

3. The shoe-shine kit according to claim 2 wherein each of said pair of slots is provided with a short downwardly-directed extension at the ends thereof opposite the said one end of the lid, and wherein the upper surface of the lid when in said closed position is provided at its said one end with a recess, whereby said projections drop into said slot extensions when the lid is turned 180° as aforesaid and moved into closing relation to the container.

4. The shoe-shine kit according to claim 2 wherein the said shoe rest is spaced a predetermined distance from the end of the lid so that the shoe rest will abut the end piece of the container when the lid is moved forwardly a sufficient amount for the said short projections to be withdrawn from the grooves and the other end of the lid is clear of the top ledge of the other end piece.

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REFERENCES CITED

The following references are of record in the file of this patent:

UNITED STATES PATENTS

Number	Name	Date
598,685	Thorp	Feb. 8, 1898
1,014,831	Long	Jan. 16, 1912
1,621,787	Johnson	Mar. 22, 1927
2,115,239	Strain	Apr. 26, 1938

FOREIGN PATENTS

Number	Country	Date
96,321	Austria	Mar. 10, 1924
296,258	Britain	Aug. 30, 1928
750,674	France	May 29, 1933