May 6, 1958 E. R. KNOPF 2,832,983

SHOE POLISHER

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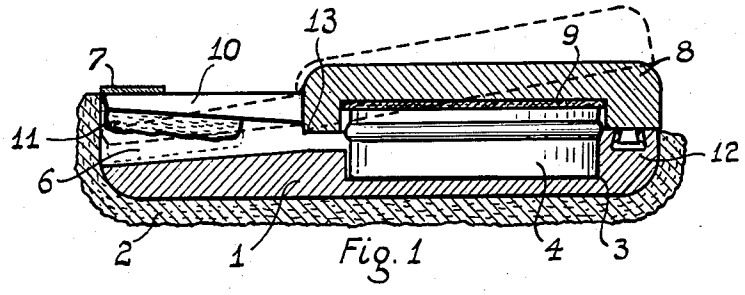


Fig. 1

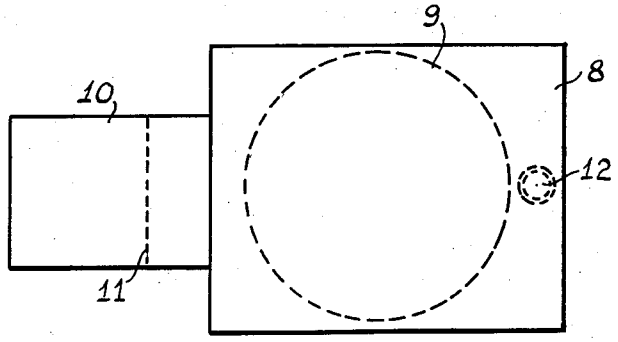


Fig. 2

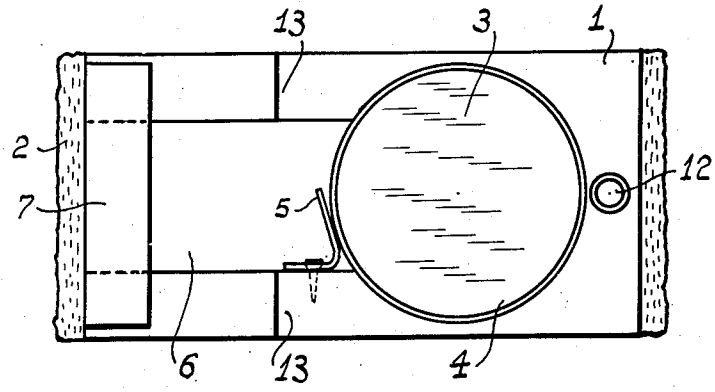


Fig. 3

INVENTOR.
ERNEST R. KNOPF
BY Z. O. St. Palley
Patent Agent

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SHOE POLISHER

Ernest R. Knopf, Clinton, Conn.

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1 Claim. (Cl. 15—258)

My invention relates to improvements in shoe polisher. The present application is a continuation in part of my prior application Serial No. 435,157 filed on June 8, 1954, and now abandoned.

The implements commonly used for polishing shoes are the shoe polish paste, the dauber, and the polishing pad or brush. These are usually separate articles, therefore, they are likely to be separated from each other and displaced. Also, the shoe polish and the dauber, when stored separately, are apt to soil other objects.

One of the important objects of my invention is to provide a shoe polisher in which the box of shoe polish paste, the dauber, and the polishing pad are utilized in a co-operative manner to offer the best performance and the greatest convenience both in operation and storage.

Another important object of my invention is to provide a shoe polisher so constructed that the normal performance of the polishing operation will necessarily and automatically result in the assembly of said box of shoe polish paste, dauber, and polishing pad into a compact unit, ready for storage without the danger of soiling other objects or being separated and mislaid.

A further important object of my invention is to provide a shoe polisher in which the deterioration of the shoe polish paste due to drying out is prevented by the special construction of my polishing means whereby the box containing the shoe polish paste is left uncovered only during the brief daubing operation and it will be automatically closed up when my device is made ready for the polishing operation. Hence, the possibility of the storing of said paste in an open box is eliminated.

Other objects and advantages of my invention will be apparent during the course of the following description.

In the accompanying drawing, forming a part of this application, wherein for the purpose of illustration, is shown a preferred form of my invention.

Figure 1 is a longitudinal sectional view of my shoe polisher,

Figure 2 is a plan view of the operating handle and the attached dauber means,

Figure 3 is a plan view of the base of my shoe polisher with the attached open box of shoe polish paste.

In the drawing, wherein like numerals are employed to designate like parts, the numeral **1** designates the base of the polisher, carrying the polishing means **2** which, in the preferred form, consists of a pad of felt or sheep wool. It is, however, within the spirit of my invention to use a polishing means consisting of flexible bristles forming a brush.

Base **1** is provided with a circular cavity **3**, shown in Figs. 1 and 3, containing an open box of shoe polish paste 4. Said box **4** is secured in the cavity **3** by means of the spring **5**. Said base **1** has also a longitudinal groove **6**, extending from the circular cavity **3** to the end of the base **1**, which is partially covered by the plate **7**. In the preferred form this plate **7** is utilized also as a name plate.

Referring to Figs. 1 and 2, the numeral **8** designates

the operating handle, rectangular in shape, and being provided with a recessed resilient pad **9** adapted to cover the box **4** when said handle **8** is secured to the base **1**.

Carried by said handle **8** is the daubing means consisting of dauber head **10** and dauber pad **11**. In the assembled shoe polisher, shown in Fig. 1, said dauber means is located in the groove **6**, the dauber head **10** being held down by the plate **7**. The handle **8** is additionally secured to the base **1** by means of the button type snap lock **12**.

One of the important features of my shoe polisher is that the groove **6** has sufficient depth under the dauber pad **11** to permit the swinging of the dauber head **10** and the connected handle **8** around the fulcrum **13** into the position shown by the dotted lines in Fig. 1, by a downward pressure applied on the dauber head **10**, causing the disengagement of the snap lock **12**. The utility of this feature is that it offers an easy and very convenient means for the removal of the handle and the daubing means from the base to perform the daubing operation.

The operation of my shoe polisher will be as follows: The first step is the daubing operation. This is accomplished in the following manner. By pressing the dauber head **10** downwardly the snap lock **12** is released, permitting the removal of the handle **8** and the connected daubing means. Following this the paste is applied to the shoe by means of the dauber pad **11**. The next step is the polishing operation. This is done by the use of the polishing means **2** mounted on the base **1**. This base **1**, however, is so constructed that it requires the attachment of the handle **8** for the convenient performance of the polishing operation, principally, because without said handle the open paste box **4** would soil the hand of the operator. In view of this, the operator is compelled to reassemble my shoe polisher in order to perform the polishing operation.

This compulsory assembly of the shoe polisher during the normal performance of the work is obtained here by providing an operating handle **8** which performs three functions: will serve as the handle of the polishing means, will also serve as the handle of the daubing means, and furthermore it will serve as the cover of the paste box **4**.

This compulsory reassembly of my shoe polisher during its normal use, which constitutes the underlying idea of my invention, has the following consequences of great utility value:

The completion of the shoe polishing operation will leave my shoe polisher completely assembled, ready for storage, and without the danger of soiling other objects.

In the thus assembled shoe polisher the component elements will be properly locked together, hence, they will not be separated and mislaid in storage.

The box **4** containing the shoe polish paste will remain uncovered only during the brief period of the daubing operation, hence, the deterioration of the paste due to drying is effectively prevented.

It is to be understood that the form of my invention, herewith shown and described, is to be taken as a preferred example of the same, and that various changes in the shape, size, and arrangement of parts may be resorted to, without departing from the spirit of my invention, or the scope of the subjoined claim.

I claim:

A shoe polisher comprising in combination, a polishing means; a base carrying the said polishing means and being provided with a circular cavity and a conjoint groove having a predetermined depth; an open box of shoe polish disposed in the said circular cavity; a spring attached to the said base securing the said box of shoe polish in position in the said cavity; a daubing means adapted to be disposed in the said groove with its operating surface directed toward the bottom of the said groove;

an operating handle secured to the said daubing means and being so adapted that when the said daubing means is disposed in the said groove said handle functions as a cover for the said open box of shoe polish and also functions as the sole handle of the said polishing means, said handle having a fulcrum; a locking and unlocking means comprising a plate secured to the said base and partially covering the said groove and a snap lock secured to the said base near the end of said base opposite to said groove and having its cooperating element secured to the said handle, said locking and unlocking means being so adapted that when the daubing means is placed into said groove said plate engages the said daubing means and on the application of pressure on the said handle the

said snap lock secures the said handle and the daubing means to the said base, and when in the thus assembled shoe polisher a pressure is applied on the said daubing means it moves downwardly into the groove as permitted by the predetermined depth of the said groove, causing the swinging of the handle angularly around said fulcrum and the disengagement of the said snap lock and the connected handle from the said base.

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