Aug. 11, 1942. W. E. TAYLOR 2,292,413

CONTAINER

Filed Dec. 8, 1938

Fig. 1

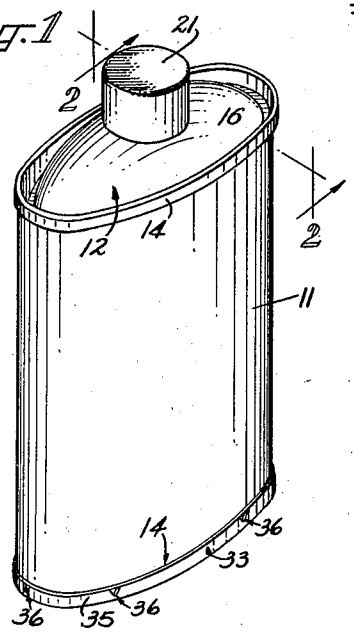


Fig. 2

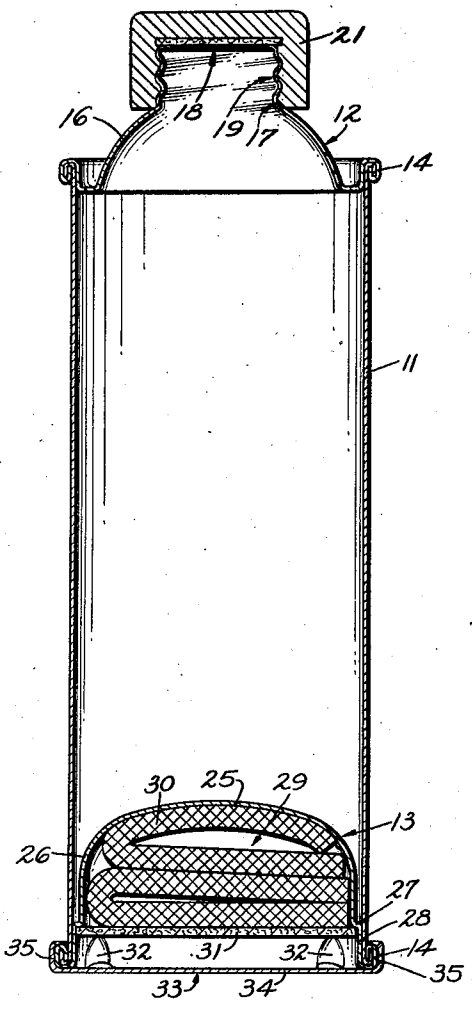


Fig. 3

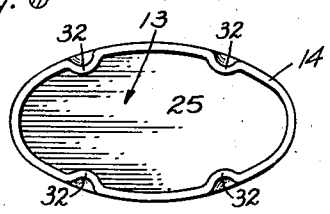
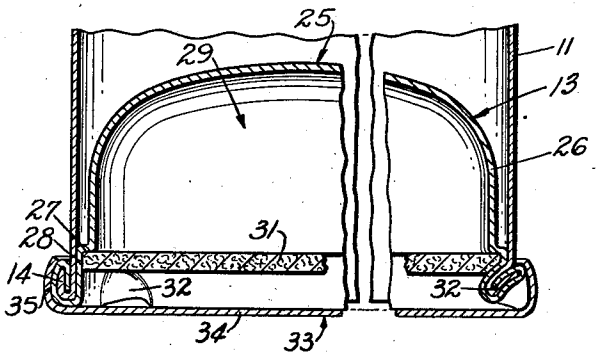


Fig. 4



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2,292,413

CONTAINER

William Edward Taylor, Riverside, Conn., assignor to American Can Company, New York, N. Y., a corporation of New Jersey

Application December 8, 1938, Serial No. 244,689

1 Claim. (Cl. 206—47)

The present invention relates to containers or cans adapted to hold liquid shoe polish or the like and has particular reference to an improved manner of retaining a polishing cloth in a compartment provided in the bottom of the can.

An object of the invention is the provision of a liquid shoe polish can or the like wherein a polishing cloth may be concealed in a compartment provided in the bottom of the can, the cloth being held in position by a card adapted to be snapped into and out of the compartment over lugs formed in the can bottom seam thereby providing easy access to the cloth and assurance against its dislodgment during handling of the can.

Another object is the provision in such a can of a bottom snap-on cover which may be readily snapped into and out of position for closing off the polishing cloth compartment thereby providing an added protection for the cloth.

Numerous other objects and advantages of the invention will be apparent as it is better understood from the following description, which, taken in connection with the accompanying drawing, discloses a preferred embodiment thereof.

Referring to the drawing:

Figure 1 is a perspective view of a can embodying the instant invention;

Fig. 2 is an enlarged sectional view taken substantially along a plane indicated by the lines 2—2 in Fig. 1;

Fig. 3 is a bottom view of the can shown in Fig. 1, with the bottom cover removed; and

Fig. 4 is an enlarged fragmentary section of the bottom portion of the can.

As a preferred embodiment of the invention the drawing illustrates a liquid shoe polish can which includes an oblong or oval tubular body 11 having top and bottom closures 12, 13, respectively, secured thereto in suitable seams 14. These seams are preferably the usual double seams formed by an interfolding of flanges of the body and of the closures.

The top closure 12 is preferably formed with a curved breast portion 16 which merges into a neck 17 having a filling and dispensing opening 18. The neck is provided with screw threads 19 for a composition or other type cap 21, the cap also being formed with screw threads for cooperation with the neck screw threads in securing the cap in place.

The bottom closure 13 is preferably concave and includes a rounded or curved ceiling 25 which merges into a depending side wall section 26 spaced away from the body side wall when the closure is in place on the can. Adjacent the bottom edge of the can the depending wall section 26 merges into an outwardly extending shoulder 27 which in turn merges into a short depending wall section 28 engaging against the body side wall and terminating at its outer extremity as a part of the bottom seam 14. This concave bottom encloses a compartment 29 which is adapted to house and conceal a polishing cloth 30 or the like and in convenient position so that it will be ready for use in applying the contents of the can.

The polishing cloth 30 is held within its compartment 29 by a flat card 31 of fibre or the like which is shaped to fit snugly within the bottom 13 of the can. The card in turn is held in place by inwardly pressed lugs 32 which are formed in the bottom seam 14. There are preferably four of these lugs spaced around the periphery of the seam as best shown in Fig. 3.

These lugs 32 are merely distortions of the seam or rather inwardly bent or pressed indentations which distort the seam so that these portions extend inwardly beyond the remainder of the seam. The indentations thus provide lugs over which the card may be readily snapped into position against the shoulder 27 and hence the card is held so that it in turn retains the cloth in place. When it is desired to remove the cloth the card may be pried out over the lugs and thus removed with ease.

As an added protection for the bottom compartment 29 and its contents, the can may be provided with a bottom snap cover 33 which prevents dirt and any foreign matter from entering the compartment. This cover may be used with the card 31 or if desired the card may be omitted and the bottom cover used alone. In that case the bottom cover holds the cloth in place.

The cover is preferably formed with a flat bottom wall section 34 having the edge shape of the bottom of the can. Adjacent its outer edge the bottom wall section 34 merges into an upright flange 35 which is curved in cross section to fit the can seam 14. At intervals around its periphery the flange is provided with notches 36 (see Fig. 1). These notches divide the flange into a plurality of spring sections which due to the natural springiness of the metal from which the cover is made provide an efficient snap-on cover which may be readily snapped into and out of place on the bottom of the can and over the bottom seam 14.

It is thought that the invention and many of its attendant advantages will be understood from the foregoing description, and it will be apparent

that various changes may be made in the form, construction and arrangement of the parts without departing from the spirit and scope of the invention or sacrificing all of its material advantages, the form hereinbefore described being merely a preferred embodiment thereof.

I claim:

A container for liquid shoe polish and the like, comprising in combination, a tubular body having at its bottom end a concave bottom closure united to said body in a seam, said bottom closure having a curved ceiling and a depending side wall section including a shoulder terminating at its outer end in said bottom seam to set off a relatively deep hollow compartment for a polishing cloth and the like, a removable flexible card member in said bottom closure normally seated against said shoulder for retaining the cloth in position within its compartment, inwardly projecting lugs indented in said bottom seam at intervals around its periphery below said shoulder over which said card member may be readily snapped into position against said shoulder, for holding it in cloth retaining position, and a snap-on bottom cover for enclosing the bottom of the container, said cover having a surrounding flange notched to set off spring sections therein to facilitate snapping of said cover into and out of position on the container bottom and over said bottom seam.

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