B. K. GEROJOHN.

CAN HOLDER.

APPLICATION FILED MAY 7, 1921.

1,428,430. Patented Sept. 5, 1922.

Fig. 1,

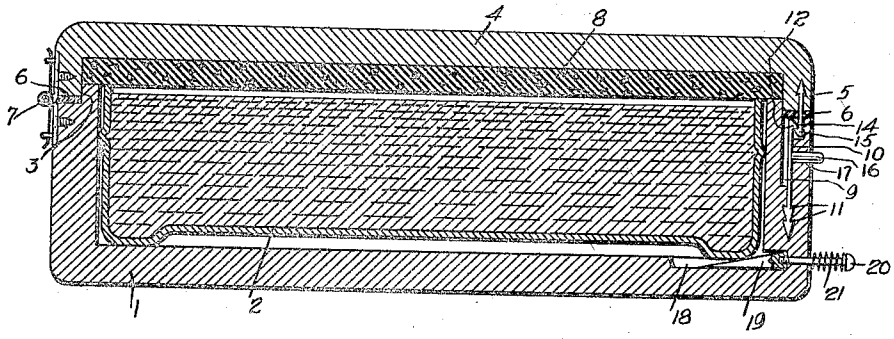
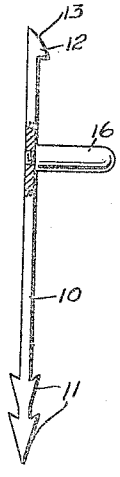


Fig. 2.



WITNESSES

Edw. Thorpe.

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UNITED STATES PATENT OFFICE.

BENJAMIN KONST. GEROJOHN, OF PRINCETON, NEW JERSEY.

CAN HOLDER.

Application filed May 7, 1921. Serial No. 467,684.

To all whom it may concern:

Be it known that I, BENJAMIN KONST. GEROJOHN, a subject of the King of Greece, and a resident of Princeton, in the county of Mercer and State of New Jersey, have invented a new and Improved Can Holder, of which the following is a full, clear, and exact description.

This invention relates to improvements in can holders, particularly to a holder which is adapted to receive cans of shoe polish.

An object of the invention is to provide a holder for shoe polish cans or boxes, which will prevent evaporation of the polish and which will eliminate the inconvenience and delay oftentimes caused by the cover of the shoe polish can sticking or getting out of shape and retarding the opening of the can.

A further object is to provide a holder of the character described, which will be simple and practical in construction, strong, durable and efficient in use, neat and attractive in appearance, and comparatively inexpensive to manufacture.

With these and other objects in view, the invention consists of certain novel features of construction and combinations and arrangements of parts as will be more fully hereinafter described and pointed out in the claims.

In the accompanying drawings:—

Figure 1 is a view in section through my improved holder; and

Figure 2 is an enlarged view mainly in side elevation of the latch with parts broken away for clearness.

Referring in detail to the drawings, 1 represents a circular box of a shape which will conveniently accommodate a can of shoe polish indicated by the reference numeral 2. The sides of the box 1 are grooved or recessed around their upper edges, as indicated by the reference numeral 3. The cover 4 of the box is provided with a depending peripheral flange 5 which is located in the groove 3. The lower face of the flange 5 carries a gasket such as 6 so that the box is made practically air-tight. The cover is hinged to the box by means of a spring hinge 7. Secured to the under face of the cover is a sheet of compressed cork or similar material 8. The edges of this cork sheet engage the inner upper edges of the side walls of the box when the cover is closed so that the shoe polish can is effectively protected from the air and the danger of evaporation of the polish is practically eliminated.

I have shown one convenient means for locking the box in closed position. At a point diametrical the spring hinge 7, the side wall of the box is formed with a vertical recess 9 communicating with the groove 3. Located in this recess is the upper end of a length of spring metal 10. The lower end of the member 10 is driven into the box and is provided with barbs 11, which prevent its withdrawal therefrom. At its upper end, the member 10 includes a lug 12, which functions as a latch. The upper face of the latch 12 provides a cam surface 13 for a purpose which will hereinafter appear. A keeper 14 carried by the free edge of the box cover 4 also comprises a length of metal driven into the box cover and including at its lower end a lug 15 which cooperates with the latch 12 to hold the cover in closed position. A handle member 16 carried by the intermediate portion of the member 10 is movable through an opening 17 in the side wall of the box.

In order to facilitate the removal of empty cans from the box, I provide a recess such as 18 in the floor of the box. A wedge shaped member 19 is slidable in the recess. A screw 20 extending through the side wall of the box is operatively connected to the wedge 19. A spring 21 around the screw between the head of the screw and the outer face of the box 1 normally retains the wedge shape member in inoperative position. By pushing the screw 20, the member 19 will slide under the edge of the can 2 and lift the can slightly out of the box 1 so that the edge of the can can be grasped with the fingers and the can lifted out of the box. When the screw 20 is released, the spring 21 will automatically move the wedge 19 to inoperative position.

The operation of the locking mechanism will be readily understood. The lug or hook 15 ordinarily engages under the latch 12 and prevents opening of the box cover. By pushing the handle member 16, the latch 12 will be disengaged from its keeper and the spring hinge will automatically swing open the box cover 4. Upon closing the cover

against the tension of the spring hinge, the lug 15 will ride over the cam face 13 of the latch and the latch will automatically spring into operative position.

Although I have illustrated one of the preferred embodiments of my invention, it will be apparent that various slight changes and alterations might be made in the general form and arrangement of the parts described without departing from the invention and hence I do not wish to limit myself to the precise details set forth, but shall consider myself at liberty to make such slight changes and alterations as fairly fall within the spirit and scope of the appended claims.

I claim:

1. A can holder comprising a box, a hinged cover on the box, an air-tight packing carried by the cover and adapted to engage a can within the box when said cover is closed, said box having a peripheral groove around its upper edge, flanges on the cover accommodated in the groove, said air-tight packing comprising a gasket carried by the flanges and a sheet of pressed cork carried by the under face of the box cover.

2. A box, a cover hingedly connected to the box, one wall of said box having a recess therein communicating with its upper edge, a spring arm in the recess, a hook shaped latch integral with the arm, a depending arm carried by the free edge of the cover, and a hook shaped keeper integral with said arm and engageable with the latch when the cover is closed, and means movable through the wall of the box for disengaging the latch from the keeper.

3. A device of the character described in claim 3 and in which both of said arms include barbed ends adapted to be forced into the cover and the box respectively.

4. A box, means located on the floor of the box for aiding in the removal of an article from the box, said means comprising a wedge shaped member, and a spring held means normally retaining said member out of engagement with an article in the box.

BENJAMIN KONST. GEROJOHN.