

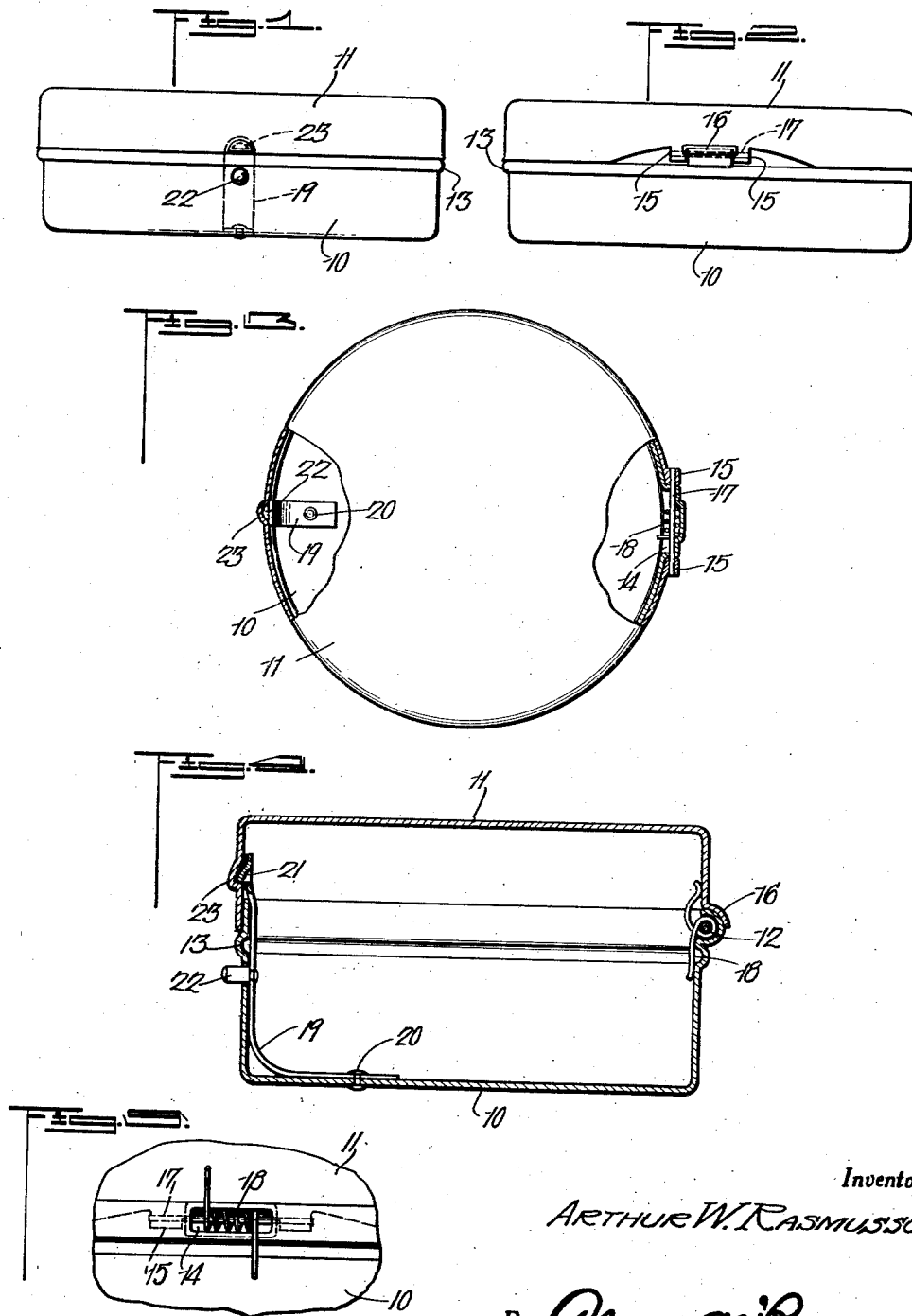
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POLISH CAN OR BOX

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POLISH CAN OR BOX

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This invention relates to containers, and particularly to a container, box or can especially adapted but not limited to holding shoe polish in paste form.

5 In the boxes or cans now used for holding the shoe polish, the box proper and its lid are entirely separate from one another and the means usually provided to facilitate opening of the box requires the use of both
10 hands to accomplish this object. In accordance with the present invention a box is provided equipped with a spring lid held in closed position by a catch easily operable by a finger of the hand in which the box is held,
15 with the result that upon release of the catch the lid under action of the spring hinge will move to an open or partially opened position.

The invention together with its numerous objects and advantages will be best understood from a study of the following description, taken in connection with the accompanying drawing wherein:

Figure 1 is a front elevational view of the box.

25 Figure 2 is a rear elevational view thereof.

Figure 3 is a top plan view with parts broken away and shown in section.

Figure 4 is a central vertical section with the lid closed, and

30 Figure 5 is a fragmentary elevational view showing the hinge at the inside of the box.

Referring more in detail to the drawing it will be seen that the box comprises a body 10 and a closure or lid 11 pivotally associated
35 with the body by a hinge 12.

The body 10 is provided with a bead 13 against which the lower edge of the cover or lid 11 seats against when the lid or cover 11 is telescopically engaged with the upper
40 edge portion of the body 10 as clearly suggested in Figure 4.

In the construction shown in Figures 3 to 5 inclusive, the upper edge portion of the body 10 is pressed radially outwardly to provide a substantially semi-circular recess 14,
45 and a corresponding edge portion of the flange of lid 11 is provided with a pair of opposed radial ears 15 with the material of the lid 11 between the ears 15 pressed outwardly to provide a transversely curved lip

16 contacting the outer face of the curved wall of recess 14. (See Figures 3 and 4).

A hinge pin 17 extends lengthwise of the recess 14 and at its end engages the ears 15. Disposed about the pin 17 and the recess 14
55 is a spring 18, the ends of the spring bent oppositely to one another and bearing against the inner sides of the body 10 and lid 11, so that when the lid is closed pressure will be put upon the end of the spring. It
60 follows that when the lid is released the spring will act torsionally to open the lid promptly.

For retaining the lid closed I provide an improved latch which consists of a spring
65 arm 19 anchored at one end to the bottom of the body 10 interiorly of the body as at 20. The free end of the arm 19 is provided with a locking projection 21 which may be conveniently formed by indenting the spring arm.
70 Extending outwardly from the spring arm 19 is a push button 22 that extends through an aperture provided in the wall of the body 10 directly below the bead 13.

The flange of the lid 11 is provided with a
75 notch 23 with which the locking projection 21 of the spring arm engages when the lid is moved to a closed position.

From the foregoing it will be apparent, that to close the box, it is necessary only to
80 move the lid 11 to a closed position in a manner thought apparent whereupon the projection 21 will engage the notch 23 and the lid will then be securely retained in closed position against the action of the spring 18. To
85 open the box pressure is exerted on the push button 22 for flexing the free end of the arm 19 inwardly thus moving projection 21 out of engagement with notch 23 whereupon under
90 action of spring 18 the lid 11 will swing to an open or partially open position.

It will be further noted, that none of the mechanism is visible from the outside of the box when closed except the push button 22. Also, with this construction telescopic en-
95 gagement of the body and lid is retained, so that a substantially air tight container is provided suitable especially for containing shoe polish in paste form and for preserving
100 the same against becoming hard and brittle.

Even though I have herein shown and described the preferred embodiment of the invention, it is to be understood that I do not wish to limit myself to the precise details of construction, combination and arrangement of elements as herein shown, but realize that in actual practice changes may be resorted to, and accordingly I claim all such forms of the invention to which I am entitled in view of the requirements of the prior art and the scope of the appended claim.

Having thus described my invention, what I wish to claim as new is:

In a box of the character described, the combination with a body member having a peripheral wall, a portion of which is set outwardly to provide an inwardly opening recess, a lid having a peripheral wall having tele-

scopic engagement with the peripheral wall of the body, a portion of which is pressed outwardly for disposition concentric of said recess and engaging the outer wall thereof, and being also provided with oppositely disposed ears for disposition at the outer sides of the end walls of said recess, a hinge pin extending outwardly through the end walls of said recess and engaging said ears, and a spring convoluted about said pin within said recess and having oppositely bent ends engaging the walls of said body and lid and acting on the lid for urging the same to an open position, and latch means for retaining the lid in a closed position in opposition to the action of said spring.

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