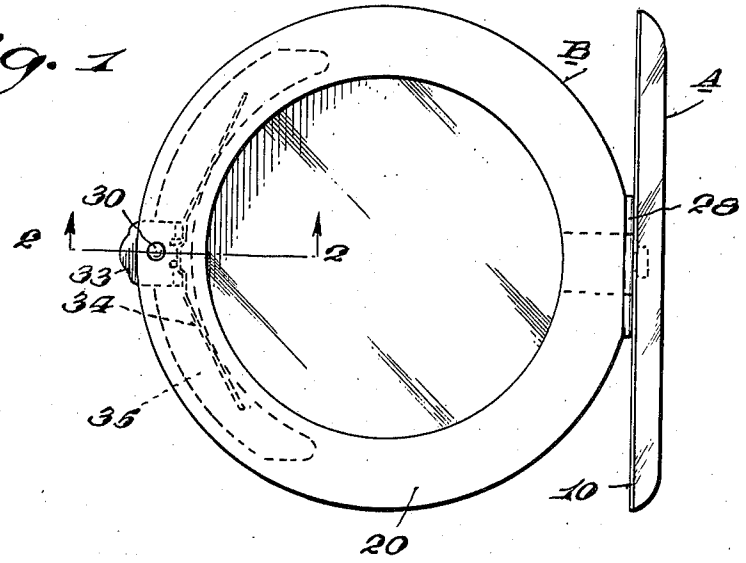
April 11, 1944. A. F. REILLY 2,346,453

COMPACT

Filed Nov. 23, 1943

Fig. 1



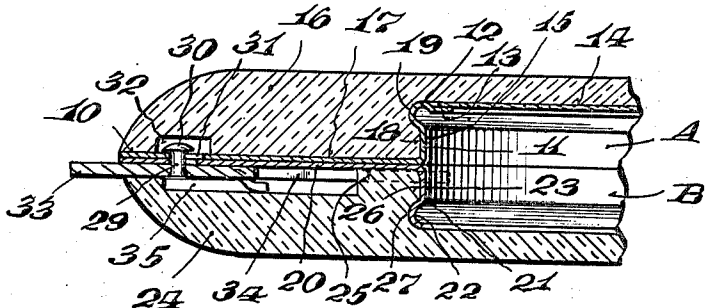


Fig. 2

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5 Claims. (Cl. 220—31)

The invention relates to compacts of the kind commonly used by ladies to contain cosmetics. A purpose of the invention is to provide such a compact the outer portion of which is made of a plastic properly held in place on a metallic frame. Any suitable plastic may be used and it may be plain or ornamented, transparent, translucent, opaque, or mixed. Any suitable metal may be used in the frame but silver is especially adapted to the invention.

Without limiting the invention, it will be described by reference to the accompanying drawing which illustrates one embodiment thereof.

Figure 1 is a top plan view of a compact in open position and Fig. 2 is a fragmentary section on the line 2—2 of Fig. 1 with the compact in closed position.

The compact consists of a top member A and a bottom member B, each made up of a metal frame and a plastic member. The top member has a metal frame member 10 which is shown as annular and provided at its inner edge or periphery with a collar 11 having at its upper edge a rounded member 12 from which extends inwardly a flange 13 on which may rest a mirror 14. Below the rounded member 12 is an inwardly extending groove 15 in the collar. Associated with this is an outer hollow plastic cover member 16 which has a lower annular surface 17 corresponding generally to the annular plate member 10. There is also provided an inner upwardly extending wall to the cover member 16 having at its lower edge an inwardly extending ring or rib 18 corresponding generally to the groove 15 and an upper outwardly curved portion 19 corresponding generally to the rounded part 12 of the collar 11. There is sufficient elasticity in the collar 11 and the plastic member 16 so that the plastic member may be forced downwardly past the curve 12 of the collar so that the ring 18 will seat itself in the flange 15 as indicated in Fig. 2. This positioning will hold the outer member 16 in place with its annular surface 17 in contact with the plate 10, and at the same time holding the mirror 14 on to its seat 13. If desired, there may be packing intermediate the mirror and the plastic cover member.

The bottom member B comprises an annular metallic plate 20 provided with a downwardly extending collar 21 having at its lower end an outwardly curved portion 22 forming an inwardly extending groove 23. The bottom member B also includes a hollow plastic member 24 having an upper annular surface 25. The plastic member has a downwardly extending wall including a ring or rib 26 corresponding to the groove 23 and an outwardly extending curved recess 27 corresponding to the curved edge 22. There is sufficient elasticity in the members so that the bottom plastic member 24 may be forced upward over the collar 21 so that when the ring 26 passes the curved portion 22 it will seat itself in the groove 23 and thus hold the annular surface 25 in contact with the annular plate 20.

The top and bottom members may be hinged together at 28 by hinge members carried by the annular plates 10 and 20.

There may be provided any suitable catch member for holding the compact closed. As illustrated, this includes a pin 29, the head 30 of which passes through and engages a hole 31 in the plate 10, a recess 32 being provided in the plastic member 16 to allow entrance of the head 30. The pin 29 is mounted on a thumb piece 33 which rests against a spring 34 tending to hold the head 30 beyond the outer edge of the hole 31 so as to hold the compact closed. Pressure on the thumb piece 33 will cause the head 30 to move so that it may pass through the hole 31 allowing the compact to open. A recess 35, shown in dotted lines in Fig. 1, may be provided in the bottom plastic member 24 so that the thumb piece 33 and the spring 34 may lie in this recess and against the annular plate 20.

The outer plastic members 16 and 24 will preferably be, as shown, of the same diameter as the annular plates 10 and 20. This will provide a neat, attractive appearance to the compact, which may seem to be made entirely of the exposed plastic, although the edges of the metal members may show. There are visible no rivets, screws, etc., to interfere with the regular attractive appearance of the device. The compact is shown circular in form, but this is not essential to all aspects of the invention. The frames or the plastic outer members, or both, may be made of other shapes and sizes. The plastic outer members may be larger or smaller than the frame members 10 and 20, and various other changes in the construction and operation may be present in structures embodying the present invention.

I claim as my invention:

1. In a compact, a top member comprising a relatively flat annular plate, an upstanding collar at its inner periphery, an inwardly extending groove at the bottom of the collar, a concave outer circular plastic member having a lower annular surface and an inner cylindrical wall rising from the lower annular surface with an inwardly

projecting ring adapted to engage the groove in the collar and hold the outer member in place; a bottom member comprising a relatively flat annular plate, a downwardly extending collar at its inner periphery, an inwardly extending groove at the top of the collar, a concave outer circular plastic member having an upper annular surface and an inner cylindrical wall depending from the said upper annular surface with an inwardly projecting ring adapted to engage the last mentioned groove and hold the bottom outer member in place; and means for hinging the bottom and top members together.

2. A compact member comprising a relatively flat annular plate, an upstanding collar at its inner periphery, an inwardly extending groove on the collar, an outer concave circular plastic member with an annular surface and an inner cylindrical wall extending from the annular surface with an inwardly projecting ring and adapted to slide resiliently over the collar so that the projecting ring will engage the groove and hold the outer member in place.

3. A compact member comprising a relatively flat plate having a hole through it, an upstanding collar about the edge of the hole having an inwardly extending groove on the collar, an outer concave plastic member provided with a cavity forming a hole and having a relatively flat surface surrounding said hole, an inner wall surrounding the last mentioned hole, and an inwardly extending ridge in the wall, the wall of the outer member being adapted to slide resiliently over the collar so that the ridge will engage the groove and hold the plate against the flat surface.

4. In a compact, a top member comprising a relatively flat annular plate, an upstanding collar at its inner periphery, an outwardly extending ring surrounding the collar providing a groove at the bottom of the collar, an outer concave circular plastic member having substantially the same circumference as the annular plate and having a lower annular surface of substantially the same width as the annular plate and having an inner cylindrical wall rising from the lower annular surface with an inwardly projecting ring so arranged that the projecting ring will engage the groove in the collar and hold the plate in contact with the annular surface; a bottom member comprising a relatively flat annular plate, a downwardly extending collar at its inner periphery, an outwardly extending ring surrounding the collar providing a groove at the top of the collar, a concave outer circular plastic member having substantially the same circumference as the bottom annular plate and having an upper annular surface substantially the same width as the last mentioned annular plate and having an inner cylindrical wall depending from the said upper annular surface with an inwardly projecting ring and so arranged that said inwardly projecting ring will engage the last mentioned groove and hold the last mentioned plate in contact with the last mentioned annular surface, and means for hinging the annular plates together.

5. A compact member comprising a relatively flat annular metal plate, an upstanding integral collar at its inner periphery, an outwardly extending ring on the collar providing a groove at the junction of the plate and the collar, and a concave outer circular plastic member having substantially the same circumference as the annular plate and having an annular surface substantially the same width as the annular plate and having an inner cylindrical wall extending away from the annular surface and conforming substantially to the collar so as to provide an inwardly projecting ring and adapted to slide resiliently over the collar so that the ring will engage the groove and hold the outer member in place.

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