

March 30, 1948.

J. CASALINO

2,438,841

COMPACT

Filed Dec. 12, 1944

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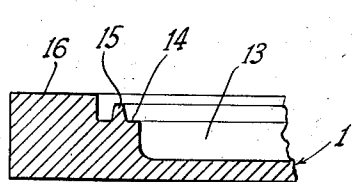
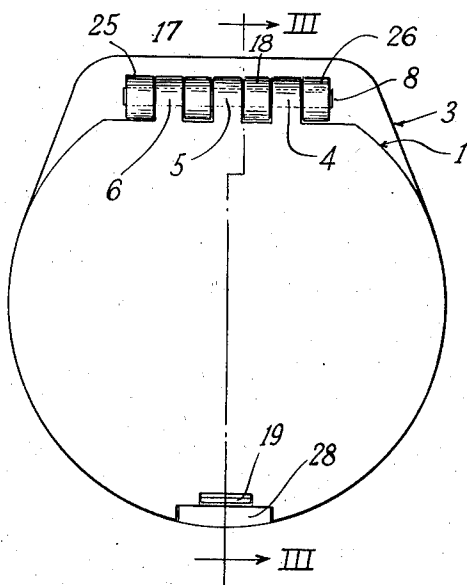
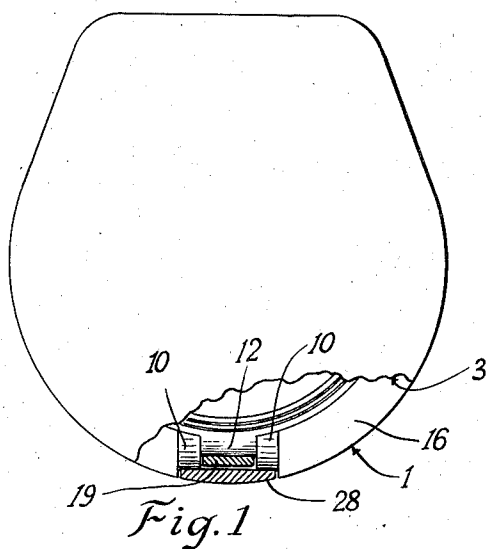


Fig. 8

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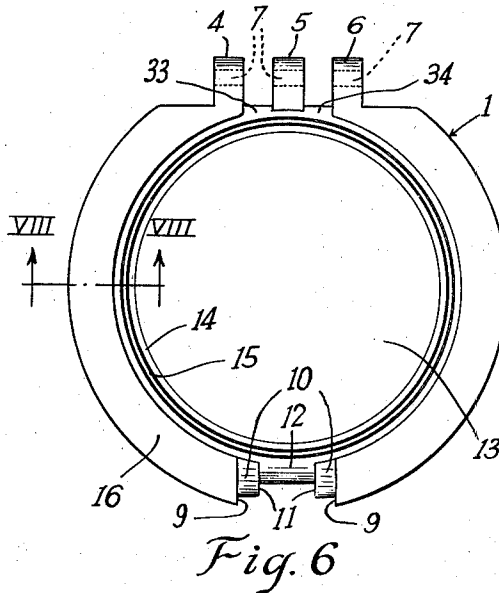
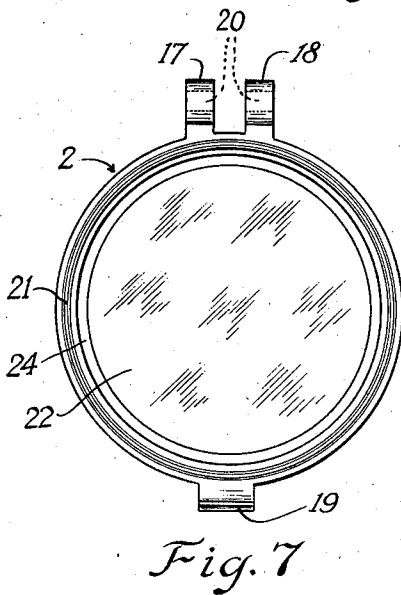
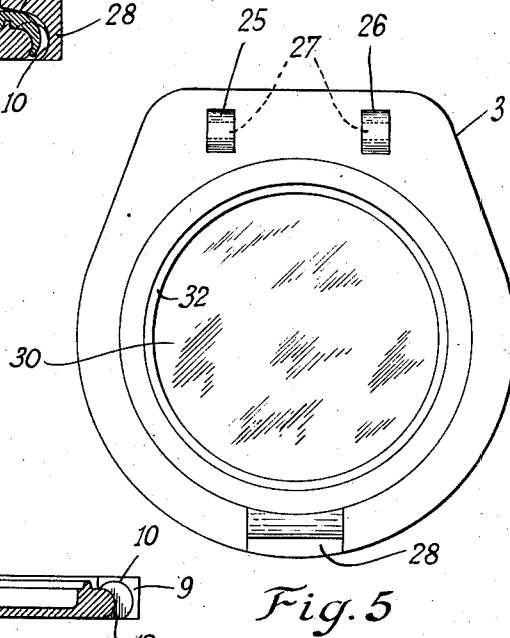
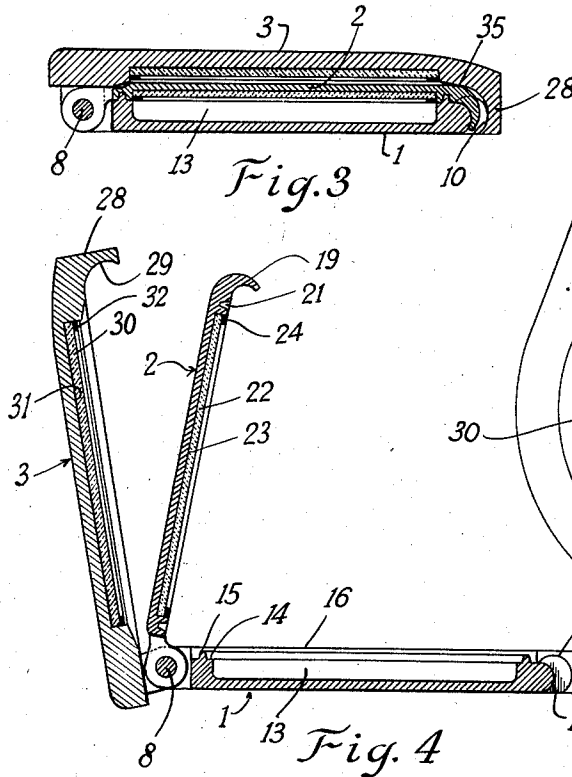
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2 Sheets-Sheet 2



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COMPACT

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7 Claims. (Cl. 132—83)

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This invention relates to a lady's compact and has for its primary object a compact which can be plastic molded and hence manufactured with relative ease in large quantities at moderate cost. Other particular objects and advantages exhibited by the preferred form of the invention are to provide such a compact effectively sealed against powder leakage and having a simple, easily operated double lock of the snap type. Still other objects and advantages will appear hereinafter.

The invention in brief comprises a compact composed of a container, a lid, and a main cover, each of which can be readily molded of plastic material and easily assembled, as will be better understood from the following description and the accompanying drawings, in which

Fig. 1 is a top plan view of a compact representing a preferred form of the invention, with a portion of the cover and lid cut away to illustrate the lock mechanism;

Fig. 2 is a bottom plan view;

Fig. 3 is a cross-section along the line III—III of Fig. 2 when the compact is closed;

Fig. 4 is a cross-section along the line III—III of Fig. 2 when the compact is open;

Fig. 5 is a bottom plan view of the main cover;

Fig. 6 is a top plan view of the container;

Fig. 7 is a bottom plan view of the lid; and

Fig. 8 is a cross-section, along the line VIII—VIII of Fig. 6, on an enlarged scale.

In general, the compact comprises three main elements, consisting of a base or container 1, which includes the powder compartment, a lid 2 for such compartment, and a main or outside cover 3.

In this preferred form, the container 1 has integral hinge knuckles 4, 5 and 6 suitably located at and projecting outwardly from its rear wall, each knuckle having a hinge-pin hole 7. In the front wall of container 1 are formed two recesses, one within the other; that is to say there is a shallow recess and a deeper, central recess opening from it. The shallow recess is bounded by the flat side walls 9 and the curved walls 10; and the deeper, central recess is bounded by the flat side walls 11 and the curved wall 12. A cavity or reservoir 13 is provided as a powder storage space; and surrounding cavity 13, and on an intermediate step or land 14 is an upstanding tongue 15, the top of the tongue being located somewhat below the top surface 16 of the container.

The lid 2 is formed with outwardly and downwardly projecting knuckles 17 and 18 at the rear and a curved downwardly projecting resilient tab 19 at the front, each of the knuckles having a

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hinge-pin hole 20. A groove 21, complementary to the tongue 15 of container 1, is formed in the underside of lid 2, and in the shallow cavity 23 is a mirror 22 suitably secured as by bezel ring 24.

The cover 3 is formed at the rear with a pair of downwardly projecting hinge knuckles 25 and 26, each knuckle having a hinge-pin hole 27. At its front, the cover is formed with a downwardly projecting resilient depending tab 28, curved on its inner side as at 29. A mirror 30 may be mounted in a cavity 31 formed in the underside of the cover and suitably secured in place, as by a bezel ring 32.

As will be apparent from the drawings, the three major elements, comprising container, lid and cover, are assembled by meshing their respective hinge knuckles and inserting a hinge-pin 8, the lid knuckles 17 and 18 being spaced to enter between the container knuckles 4, 5 and 6 and the cover knuckles 25 and 26 being spaced to embrace all of the other knuckles. Due to the greater dimension of the cover, from front to rear, it overlies and entirely conceals the hinge (see Fig. 1). Also, it will be observed, the hinge is protected against entanglement with the sundry other objects to be found in the purse or handbag where it is usually carried.

When closed, the lid 2 seats closely upon the land 14, with its groove 21 fitting over the tongue 15 and with its upper surface substantially flush with but slightly above the top surface 16 of the container. In this position, and the powder compartment well sealed, the lid is locked by the snap-engagement of tab 19 over the wall 12 of the deeper recess. The container wall, it will be noted, is recessed at 33 and 34, between the container hinge knuckles (Fig. 6) to accommodate the shank portions of hinge knuckles 17 and 18.

Upon closure of cover 3, a still further seal and lock is effected by reason of the fact that the inner surface 35 of the cover bears upon the back or top of the lid 2 (see Fig. 3) and is locked in this position by the snap-engagement of its tab 28 over the curved wall portions 10 of the container.

While certain of the features of the invention can be otherwise achieved, it will be recognized that the construction lends itself particularly well to plastic molding; and, in a preferred form of the invention, the cover, at least, is made of a transparent material such as "lucite." In this form the cover mirror 30 can be faced outwardly, or it can be a double mirror, so that one face is available for use without requiring the compact to be opened. As usual in two-mirror compacts,

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one of the mirrors 22 and 30 will be of the magnifying type.

In the light of the foregoing description, the following is claimed:

1. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having hinge knuckles projecting outwardly from the rear of the container, an upstanding tongue integral with the container and substantially surrounding the powder cavity, and said container also having two undercut recesses of different depth in the front wall thereof opposite said hinge knuckles; said lid for the powder cavity having outwardly and downwardly projecting hinge knuckles adapted to mesh with certain of the container knuckles, a groove in said lid adapted to register with said tongue, and a resilient tab on said lid having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover overlying said hinge knuckles and itself having downwardly projecting knuckles adapted to mesh therewith, and a resilient tab on said cover having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab.

2. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having hinge knuckles projecting outwardly from the rear thereof and also having two undercut recesses of different depth in the front wall thereof opposite said hinge knuckles; said lid for the powder cavity having outwardly and downwardly projecting hinge knuckles adapted to mesh with certain of the container knuckles, and a resilient tab on said lid having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover overlying said hinge knuckles and itself having downwardly projecting knuckles adapted to mesh therewith, and a resilient tab on said cover having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab.

3. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having hinge knuckles at the rear of the container, an upstanding tongue integral with the container and substantially surrounding the powder cavity, and said container also having two undercut recesses of different depth in the front wall thereof opposite said hinge knuckles; said lid for the powder cavity having hinge knuckles adapted to mesh with certain of the container knuckles, a groove in said lid adapted to register with said tongue, and a resilient tab on said lid having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover having knuckles adapted to mesh with the aforesaid hinge knuckles and a resilient tab on said cover having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab.

4. A compact comprising three plastic molded elements consisting of a container having a

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powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having hinge knuckles at the rear thereof and two undercut recesses of different depth in the front wall thereof opposite said hinge knuckles; said lid for the powder cavity having hinge knuckles adapted to mesh with certain of the container knuckles, said lid also having a resilient tab thereon having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover having knuckles adapted to mesh with the aforesaid hinge knuckles and a resilient tab on said cover having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab.

5. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having an upstanding tongue substantially surrounding the powder cavity, and said container also having two recesses of different depth in the front wall thereof; said recesses having undercuts therein; said lid for the powder cavity having a groove adapted to register with said tongue, and a resilient tab on said lid having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover having a resilient tab, said tab having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab; said lid and cover each being hinged to the container.

6. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a main cover overlying the container and lid; said container having two recesses of different depth in the front wall thereof, said recesses having undercuts therein; said lid for the powder cavity having a resilient tab, said tab having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover having a resilient tab, said tab having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab; said lid and cover each being hinged to the container.

7. A compact comprising three plastic molded elements consisting of a container having a powder cavity, a lid for the powder cavity, and a transparent main cover overlying the container and lid; said container having two recesses of different depth in the front wall thereof, said recesses having undercuts therein; said lid for the powder cavity having a resilient tab, said tab having an inwardly directed portion adapted for snap-engagement with the undercut of the deeper of said recesses; said main cover having a resilient tab, said tab having an inwardly directed portion adapted for snap-engagement with the undercut of the other of said recesses and overlying said first-mentioned tab; said main cover having a mirror secured therein whose face surface is disposed towards the inner surface of the cover; said lid and cover each being hinged to the container.

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