Jan. 19, 1932. A. B. BOWERS 1,841,933

DOUBLE SERVING COMPACT

Filed April 10, 1931

Fig. 1.

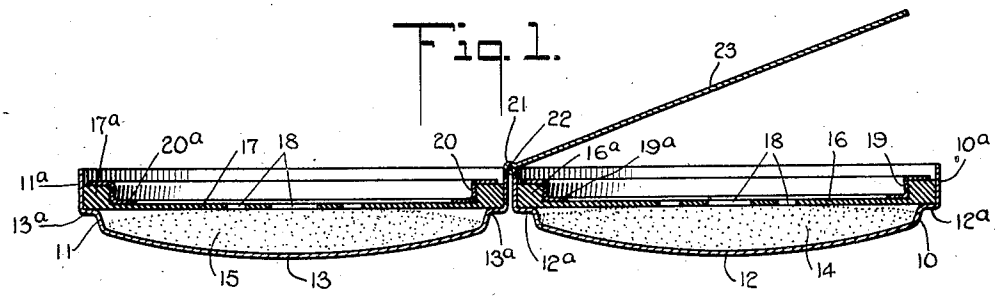


Fig. 2.

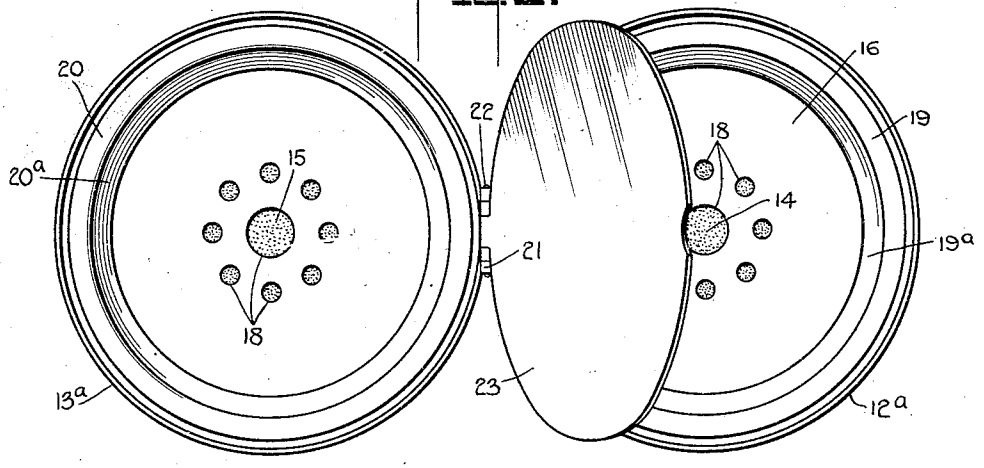


Fig. 3.

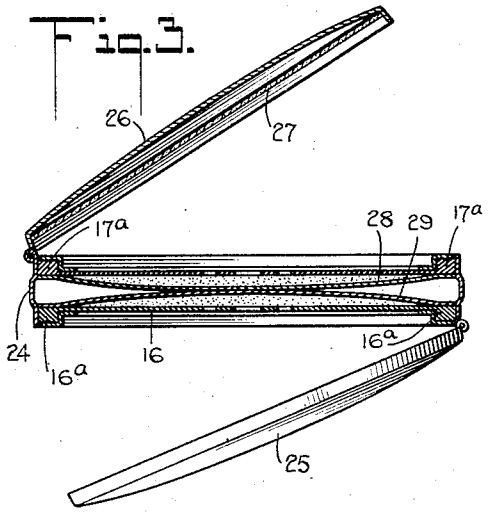


Fig. 4.

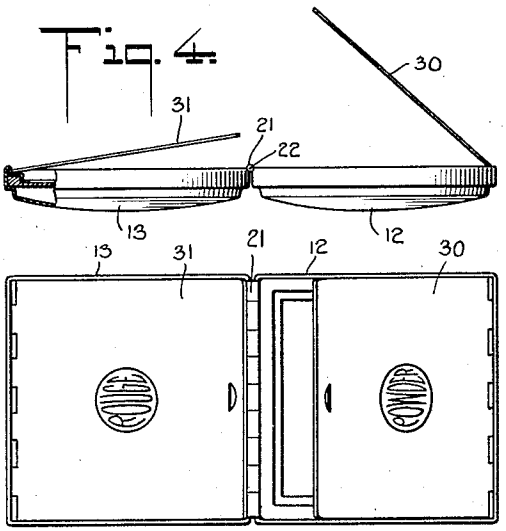


Fig. 5.

INVENTOR
Anny B. Bowers
BY
Henry J. Lucke,
HER ATTORNEY

Patented Jan. 19, 1932 1,841,933

UNITED STATES PATENT OFFICE

ANNY B. BOWERS, OF NEW YORK, N. Y.

DOUBLE SERVING COMPACT

Application filed April 10, 1931. Serial No. 529,128.

My invention relates to improvements in cosmetic boxes.

Pursuant to my invention, the cosmetic box provides for the enclosing of a cosmetic in powdered form by the provision of a perforated enclosing member, preferably of rubber or like yieldable, moldable material, the material of the box itself serving as the bottom, the material of the enclosing member being thickened at its periphery, and an annular member cooperating with the thickened peripheral portion of the enclosing member for removably retaining the thickened peripheral portion in effective engagement with the side wall of the box.

Preferably, the containing member is dimensioned whereby upon positioning of its peripheral portion within the box, the central portion of the containing member is substantially taut. Upon applying a puff or equivalent to the outer face of the containing member, the powdered cosmetic is automatically discharged through the perforations.

My cosmetic box, in preferred form, provides for two cosmetics in powdered form, in which type of embodiment of my invention, the box comprises two parts, either of circular, rectangular or other appropriate contour, and the box parts are hinged to one another; or the box may be formed of a central portion in which both compartments are disposed, and covers hinged to such central part.

Further features and objects of the invention will be more fully understood from the following detail description and the accompanying drawings, in which

Fig. 1 is a vertical central elevation of one embodiment of my invention;

Fig. 2 is a top plan view of Fig. 1;

Fig. 3 is a vertical central sectional view of another form of my invention;

Fig. 4 is an end elevational view of a further form of my invention; and

Fig. 5 is a top plan view of a further form of my invention.

Referring to Figs. 1 and 2, the box is illustrated of two parts 10, 11, of similar construction and the heads 12, 13 of the two box parts are preferably domed or of bulged configuration of any suitable artistic design. The interior of each box part serves to enclose the desired cosmetics 14, 15, in powdered form.

Cooperating with each head portion, I provide an enclosing member 16, 17, preferably of rubber and having perforations indicated at 18.

In the instance of the head portions 12, 13, being of circular contour, the enclosing members 16, 17 are of similar outline, and similarly their respective peripheral portions 16*a*, 17*a* of thickened cross-section.

Cooperating with each thickened peripheral portion, I further provide a retaining member, see 19, 20, preferably of stiff material such as steel, of general outline conforming to the contour of the thickened peripheral portion, 16*a*, 17*a*. Each retaining member 19, 20 is shaped to impart resiliency thereto, as by an offsetting portion respectively engaging the thickened peripheral portions under pressure in an outward radial direction, against the side walls 10*a*, 11*a*, of the box parts, and an inner annular portion, see 19*a*, 20*a*, adapted to substantially extend parallel to and in contact with the outer face of its enclosing member, 16, 17, when the latter is in normal position. Such retaining member 19, 20, in its above described most preferred form, may be described as of a flattened S cross-section.

When charging each part of the box, each enclosing member 16, 17, and its retaining member 19, 20, is removed, and the desired cosmetic powder is charged within the respective box parts to proper quantity, whereupon the enclosing members 16, 17 are placed in position and finally secured by the respective retaining members 19, 20.

Each domed or bulged type of box head is desirably offset, as is indicated at 12*a*, 13*a*, to thereby form a seat for engagement therewith by the enlarged peripheral portions 16*a*, 17*a*, of the enclosing members 16, 17.

In use, a pad, or equivalent, is applied with suitable pressure upon the outer face of either enclosing members 16, 17, whereby the powdered cosmetic under the increased air pressure thus created, is discharged

through the perforations 18 upon the face of the pad.

The upwardly discharging air pressure action arising under the pressure applied upon the outer face of enclosing member, is effective notwithstanding the reduction of the cosmetic content.

In the form of my invention illustrated in Figs. 1 and 2, the box parts 12, 13 are shown hinged to one another by hinge ears 21, and pintle 22.

This form of my invention, affords a convenient mounting for a cover plate which may serve to close the unused half of the box part.

Desirably, such cover plate 23 has its opposite faces mirrored.

The modification shown in Fig. 3 comprises a central body part 24 of enlarged thickness and oppositely disposed covers 25, 26, preferably oppositely hinged at 25*a*, 26*a*, respectively. A mirror, see 27, is preferably provided for the inner face of each cover.

The two compartments for the powdered compact, disposed within the enlarged central box part 24, conform largely to the hereinabove described construction, and like parts are designated by like reference characters. However, in the construction shown in Fig. 3, the bottoms of the oppositely disposed compartments are formed by means of plates 28, 29, oppositely bowed at their central portions. These plates 28, 29 are secured at their peripheral edges to the inner face of the wall of the central box part 24. The enlarged peripheral portions 16*a*, 17*a*, of the enclosing members 16, 17, abut at their inner faces upon the flattened peripheral edges of the plates 28, 29.

The modification shown in Fig. 4 conforms largely to that illustrated in Fig. 1, excepting for the provision of individual cover plates 30, 31 for the two box halves. These cover plates 30, 31 are preferably mirrored on their under faces, and also on their upper faces if desired.

Fig. 5 illustrates the application of my invention to a box of rectangular or square contour, the side elevation of which appears from Fig. 4. As indicated in Fig. 5, the cover plates may bear legends indicating the type of cosmetic in the compartments.

Whereas I have described my invention by reference to specific formations thereof, it will be understood that many changes and modifications may be made without departing from the spirit of the invention.

I claim:—

1. A box adapted to enclose a powdered substance, comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, and an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member.

2. A box adapted to enclose a powdered substance, comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, and an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member to render its said inward portion normally substantially taut.

3. A two part box providing two compartments for powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and cover means for closing said box parts.

4. A two part box providing two compartments for powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, an element

for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable element comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and individual cover means for closing said box parts.

5. A two part box providing two compartments for powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and cover means hinged to a central body portion of the box for closing said box parts.

6. A two compartment box for separately enclosing powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and cover means hinged to a central body portion of the box for alternately closing the two compartments.

7. A two part box providing two compartments for powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable element comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and mirrored cover means for closing said box parts.

8. A two part box providing two compartments for powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable element comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and mirrored individual cover means for closing said box parts.

9. A two part box providing two compartments for powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part, said enclosing member being provided with perforations disposed inwardly of its enlarged portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and mirrored cover means hinged to a central body portion of the box for closing said box parts.

10. A two compartment box for separately enclosing powdered substances, each box part comprising a portion having a bulged bottom wall of desired peripheral contour, an enclosing member having its peripheral portion of enlarged dimensions arranged to engage the inner face of the side wall of said box part,

said enclosing member being provided with perforations disposed inwardly of its enlarged peripheral portion, an element for releasably retaining said enclosing member in position relative to said side wall, said releasable element being of stiffened material, said releasable element having a peripheral contour of less dimension than the peripheral contour of the inner face of said side wall, said releasable member comprising an offset portion for imparting resiliency thereto, said offset portion engaging said enlarged peripheral portion of said enclosing member, and mirrored cover means hinged to a central body portion of the box for alternately closing the two compartments.

In testimony whereof I have signed this specification this 31st day of March, 1931.

ANNY B. BOWERS