

March 29, 1932.

A. QUARTIN

1,851,728

ARTISTIC BOX

Filed July 3, 1929

2 Sheets-Sheet 1

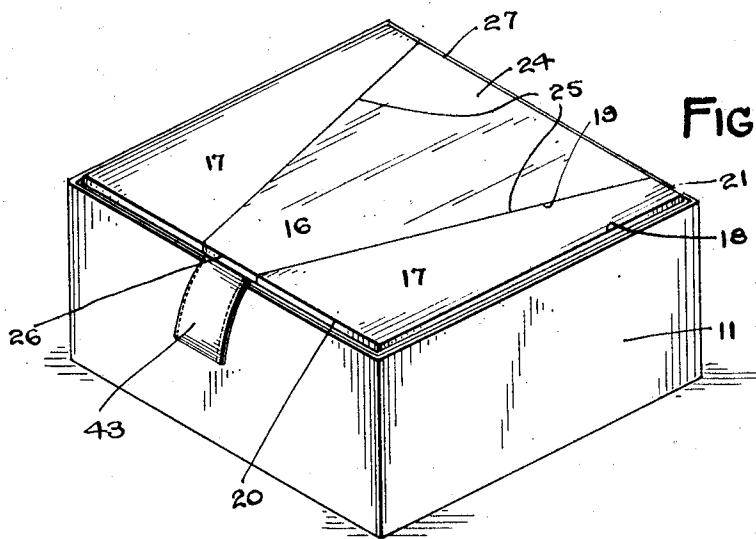
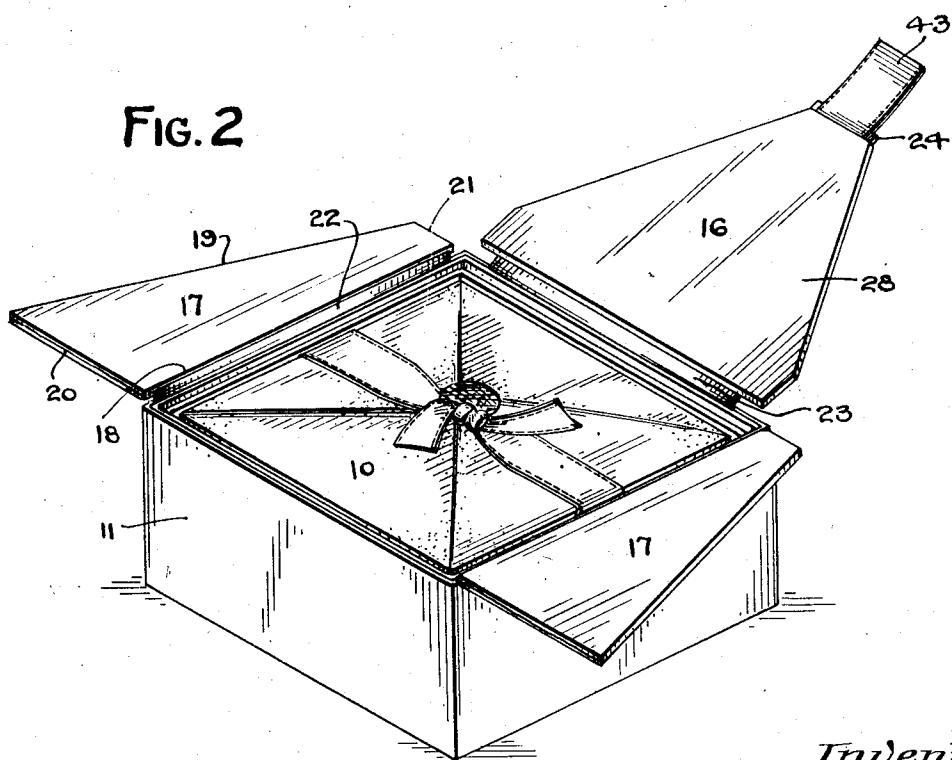


FIG. 1



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2 Sheets-Sheet 2

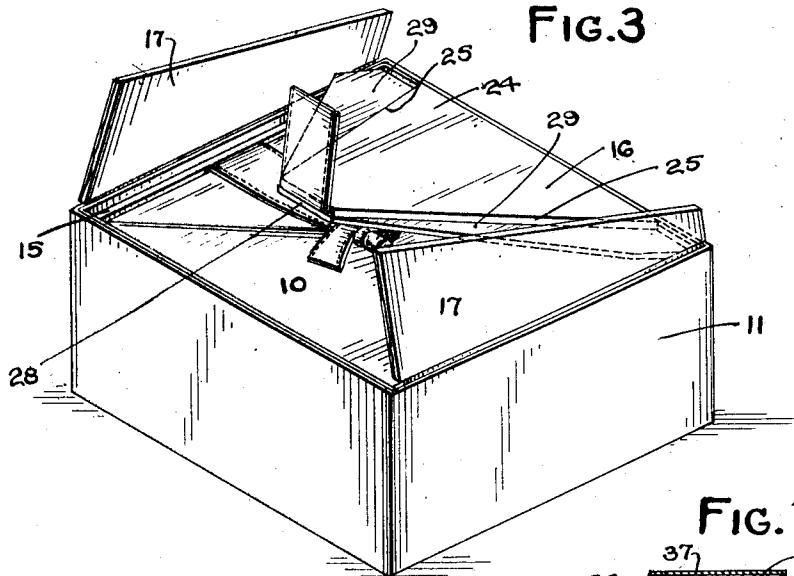


Fig.3

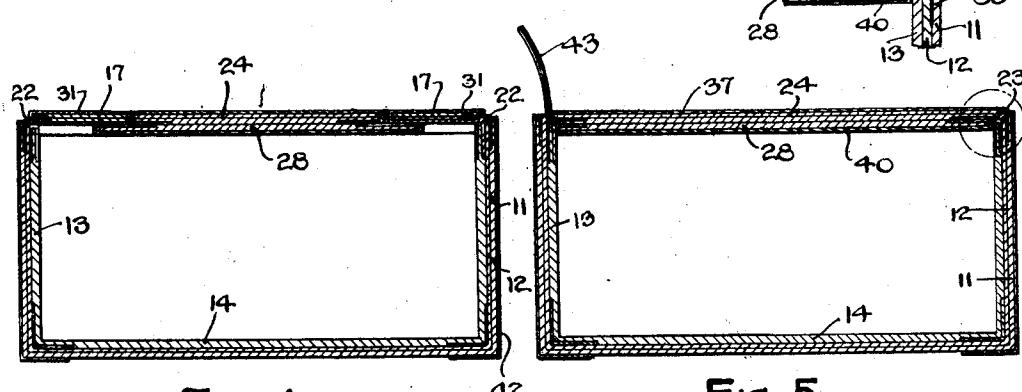


FIG. 4

FIG. 5

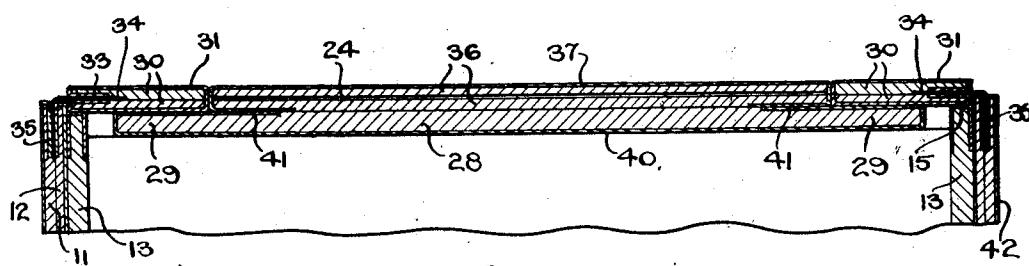


FIG. 6

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UNITED STATES PATENT OFFICE

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ARTISTIC BOX

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This invention relates to decorative receptacles or containers and more particularly to improvements in the structure thereof whereby to enhance and improve the external appearance and general attractiveness and at the same time increase the utility thereof.

It is among the principal objects of the present invention to provide a box of novel construction which is not only adapted in itself for use as a receptacle or container for receiving various articles but which may also be utilized as a decorative outer enclosure for powder boxes and the like, the said receptacle or enclosure being characterized by the provision of a multiple-part lid the several parts of which are so arranged that upon lifting only one of said parts the remaining parts are automatically lifted to completely uncover the top of the box.

20 A further object of the invention is to provide a receptacle or enclosure of the character described having a lid consisting of an intermediate and two side parts, the intermediate part thereof being hinged to the rear wall of the receptacle while the side parts are hinged to the side walls of the receptacle, all of said parts being so designed and arranged relatively to each other as to constitute a complete enclosure for the top of the receptacle.

25 A still further object of the invention is to generally improve and enhance the appearance of the multiple-part lid by so constructing and relatively arranging the several lid parts that the proximate edges thereof abut one another to form a neat and inconspicuous joint when the same are in closed position.

Still another object of the present invention is to provide a lid of sectional construction comprising a plurality of superimposed panels the exposed surfaces of which are enveloped or covered in such manner as to conceal the edges thereof whereby to give the impression and effect of a solid lid structure.

40 A further object of the invention is to provide a hinged connection between each of the lid parts and the respective upper edges of the receptacle which is not only strong and durable in construction, but also of such character 45 that the hinge element is rendered practically

invisible when the lid is either in closed or open position.

Other objects and advantages of the invention will appear more fully hereinafter.

The invention consists substantially in the combination, construction, location and relative arrangement of parts, all as will be described more fully hereinafter, as shown in the accompanying drawings, and as pointed out in the appended claims. In the accompanying drawings, wherein has been illustrated a preferred embodiment of the present invention:

Figure 1 is a perspective view of a receptacle constructed in accordance with the present invention, the lid being shown in completely closed position;

Figure 2 is a perspective view showing the lid parts in fully open position;

Figure 3 is a similar view showing the lid parts in partly opened position;

Figure 4 is a vertical sectional view taken on the line extending through the mid points of the opposite side edges of the box shown in Figure 1;

Figure 5 is a vertical sectional view taken on the line extending through the midpoints of the front and rear edges of the box shown in Figure 1;

Figure 6 is an enlarged sectional view of the lid construction as shown in Figure 4; and

Figure 7 is an enlarged view of the section enclosed within the broken circle of Figure 5.

While in the accompanying drawings the box as constructed in accordance with the principles of the present invention has been shown in the form of a receptacle or outer enclosure for a powder box 10, it will be understood, of course, that it may be employed as a decorative and artistic enclosure for boxes other than that illustrated or as a container or depository per se for various and sundry small articles.

Referring now more particularly to the accompanying drawings, it will be observed that the outer shell of the box proper is constructed in the conventional manner and is designated generally by the reference numerals 11. Suitably secured to the inner surfaces

of the front, rear and side walls of this shell 11, preferably by gluing or pasting, or the inner reinforcing panels 12, the arrangement being such that the shell is provided with 5 walls of double thickness. Removably disposed within the shell so formed is an interior open topped box 13 having a bottom 14 and front, rear and side walls respectively overlying said panels 12. The upper edges of the 10 interior box lie in a plane somewhat below that of the upper edges of the shell 11 whereby to provide a continuously extending ledge 15 for supporting the perimetral edges of a lid therefor.

15 As clearly appears in the accompanying drawings and particularly in Figures 1, 2 and 3 thereof the box is provided with a multiple-part lid comprising an intermediate part 16 and a pair of side parts 17-17, these parts being generally trapezoidal or triangular in form and so arranged with respect to each other that together they constitute a lid extending completely across the top of the box 20 from the front to rear and side to side edges thereof. Described somewhat more specifically, it will be seen that each of the side parts 17-17 of the lid is provided with a straight outer edge 18, an obliquely extending inner edge 19, a frontal edge 20 and a rear edge 21, 25 said frontal and rear edges being extended at right angles to the outer edge 18 and the frontal edge being of greater width than the rear edge. Interconnecting the outer edge of each lid part 17 with the upper edge of the corresponding side wall of the box 11 is a hinge element 22, preferably in the form of a flexible strip of cloth or other such material. The connection between the adjoining edges 30 of the lid parts 17-17 and the box will be described more fully hereinafter, it being sufficient to point out at this time that the hinged connection is such that the edges 18, 20 and 21 of the lid rest upon the ledge 15 which is formed by the interior box 13.

40 Hinged to the rear edge of the box 11, preferably by means of a cloth strip 23, is the intermediate lid part 24, this latter being generally of triangular form having the obliquely extending side edges 25 and the straight front and rear edges 26 and 27, respectively. As clearly appears in Figure 1 the obliquely extending side edges 25 of this intermediate lid part 24 are contiguous to the inner edges 19 of the lid side parts 17-17, while the front 45 and rear edges 26 and 27 thereof rest upon the ledge 15, the result being that when the several lid parts are swung about their respective hinges into the closed position shown in Figure 1 the box 11 is completely closed.

50 Underlying the intermediate lid part 24 and secured thereto, preferably by gluing or pasting, is a panel 28 the side portions of which project beyond and to either side of the corresponding edges of said intermediate lid part 24 whereby to provide a pair of opposed

shelves 29-29 for supporting the inner portions of the side parts 17-17 of the lid. It will be observed that the corresponding side edges of the intermediate lid part 24 and the panel 28 secured thereto are relatively divergent rearwardly from the front edge of the box and furthermore that the front and rear edges of said panel 28 are inwardly offset from the corresponding front and rear edges of the part 24. This construction permits said intermediate part to rest upon the ledge 15 with the upper surface thereof lying substantially in the plane of the upper edge of the box 11, the side parts 17-17, when in the closed position shown in Figure 1, being also disposed in said plane.

To open the box it is merely necessary to raise the intermediate lid part 24 upwardly about its hinged edge with the result that the side lid parts 17-17 are caused to swing upwardly and outwardly about their respective hinged edges, this action being automatically effected through the engagement of the opposed side edges of the shelf portions of panel 28 with the inner surfaces of said side lid parts.

It has already been pointed out that the several parts 17-17 and 24 of the multiple-part lid, when in the closed position shown in Figure 1, lie in a common plane substantially flush with the upper edge of the outer shell 11 of the box. Furthermore, these lid parts are so fitted together that a smooth lid surface is obtained, the joints between the contiguous edges thereof giving no more than the effect of a pair of divergent lines extending rearwardly from the front edge of the box. The artistic effect of the external appearance of the box is thus considerably enhanced.

The constructional features of the several lid parts and the manner of hinging the same to the box is shown most clearly in Figures 4 to 7, inclusive. In order to give to the lid parts 17-17 the effect of a solid lid structure, each of said parts is constructed of a plurality of superimposed panels 30 the external surface of which is covered with decorative sheet material 31, such as paper or cloth. The panels 30 are preferably of card-board and are suitably secured together by gluing or pasting. To enhance the appearance of these side lid parts 17-17, and particularly the inner edges 19 thereof, the envelope or cover 31 for the superimposed panels 30 is folded over the latter in such manner that said inner edges 19 present an unbroken edge surface. To effect this the covering material 31 is folded upon itself and the folded edge so formed is fitted snugly over the coincident obliquely extending edges of the panels 30. The freely extending edges of the opposed flaps of this covering 31 are then folded back upon themselves, as at 33, for securement between the superimposed panels 30. Suitably

secured between the inturned edges 33 of the covering 31 is the portion 34 of the flexible hinge element 22, this element being substantially coextensive in length with that of the straight hinged edge 18 of the lid part 17. The opposite portion 35 of the hinge element is secured in position between the opposed upper portions of the side wall of the outer box shell 11 and the inner reinforcing panel 12 superimposed thereagainst.

It will be understood, of course, that both side parts 17-17 of the lid are constructed as just described. The covering of the intermediate part 24 of the lid is effected in a somewhat different manner. In the case of this latter part it is preferable to employ separate sheets of covering material for the top and bottom surfaces thereof. As in the case of the lid side parts 17-17 the intermediate lid is also constructed of a pair of superimposed panels 36 both of which are so enveloped by the covering 37 as to present the edges thereof with an unbroken appearance whereby to give the effect of a solid member. The rear hinge element 23, which is substantially coextensive in length with the rear edge of part 24, has a portion 38 secured between the superimposed panels 36 of said part and another portion 39 thereof secured between the opposed upper portions of the rear wall of the outer box shell and inner reinforcing panel 12 superimposed thereagainst.

Enveloping the panel 28 which underlies the intermediate lid part 24 is a covering 40, the side portions of which are turned over the corresponding edges of the panel 28 for securement, as at 41, beneath the overlying side portions of part 24. Obviously, the several coverings 31, 37 and 40 may be of any desired material such as might be calculated to lend an attractive and effective appearance to the multiple-part lid. The outer shell 11 may be covered with material 42 to harmonize with the decorative scheme of the lid. To facilitate lifting of the intermediate lid part 24 the front edge thereof may be provided with a tab 43 of flexible material, such as cloth or the like.

It will be understood, of course, that various changes in the invention as hereinbefore described may be made from time to time without departing from the real spirit or principles thereof, and it is accordingly intended to claim the same broadly, as well as specifically, as indicated by the appended claims.

What is claimed as new and useful is:—

1. An article of manufacture of the character described comprising an open-topped receptacle and a multiple-part lid therefor having intermediate and side parts respectively hinged to the upper rear and side edges of said receptacle, said lid being characterized in that proximate edges of the parts

thereof are arranged in overlapping relation whereby upon raising the intermediate part into opened position the opposed side parts are automatically raised into corresponding position.

2. An article of manufacture of the character described comprising a box or receptacle having front, rear and side walls, a lid member hinged to the rear wall of said box the side edges of which are convergent toward the front wall of said box, and a pair of lid members respectively hinged to the side walls of said box, the inner edges of said last-mentioned lid members being arranged in overlapping relation with the convergent side edges of said first-mentioned lid member and extended obliquely from front to rear of box.

3. An article of manufacture of the character described comprising a box or receptacle having front, rear and side walls, an intermediate lid member hinged to the rear wall of said box and having side edges which are convergent toward the front wall of said box, a pair of side lid members respectively hinged to the side walls of said box and having inner edges extending obliquely from the front wall to the rear wall of said box whereby to present the same in abutting relation to the convergent side edges of said intermediate lid member, and means projecting outwardly from the opposed convergent side edges of said intermediate lid member and arranged to underlie the inner portions of said side lid members, said means being operative to throw said side lid members upwardly and outwardly about their respective hinged edges simultaneously as said intermediate lid member is swung upwardly and rearwardly about the hinged edge thereof.

In testimony whereof I have hereunto affixed my signature.

ABRAHAM QUARTIN.

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