Feb. 27, 1934. J. MAKOWSKY 1,948,794

RECEPTACLE

Filed Sept. 3, 1929

Fig.1

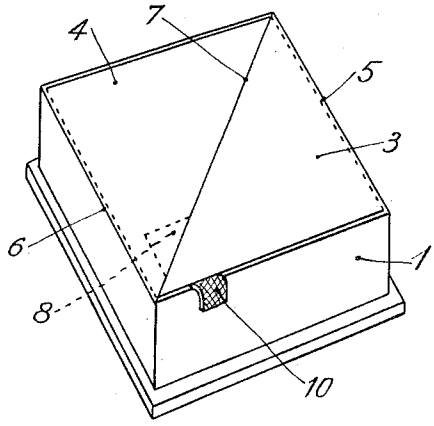


Fig.2

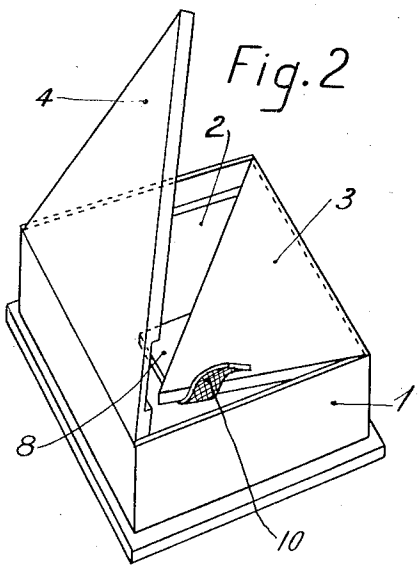


Fig.3

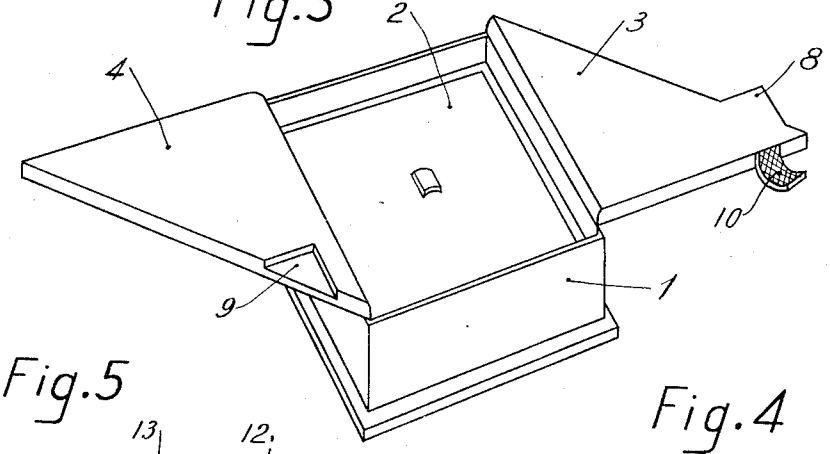


Fig.5

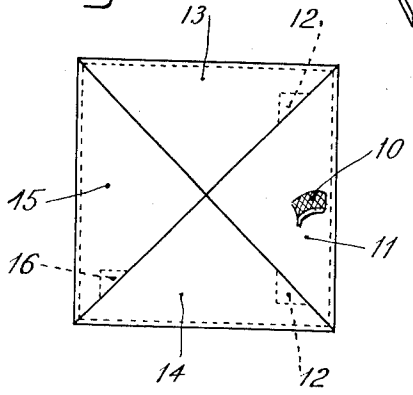
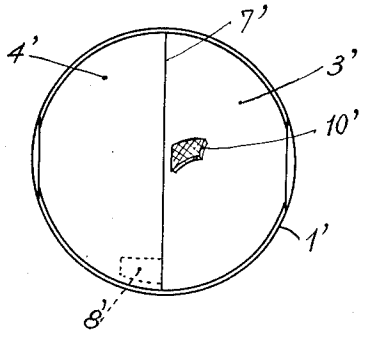


Fig.4



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UNITED STATES PATENT OFFICE

1,948,794

RECEPTACLE

Jacques Makowsky, Paris, France.

Application September 3, 1929, Serial No. 390,185
In France May 11, 1929

6 Claims. (Cl. 229—44)

My invention relates to closures for receptacles of the type having shutters which are mutually controlled as well as the receptacle provided with such closure.

The receptacle being provided with two or more shutters, the characteristic features of the invention reside in the fact that one or more of said shutters carry one or more lifting members each of which is engaged beneath one of the other shutters in such a way that during a slightly abrupt opening of the shutter controlling the others, said members provoke the opening of all the shutters controlled by raising.

With my improved arrangement the opening of the receptacle is obtained by acting only on the controlling shutter.

Other objects of the invention will be obvious to those skilled in the art in the following description when taken in connection with the accompanying drawing forming part of this specification in which—

Fig. 1 is a perspective view of my improved receptacle in closed position;

Fig. 2 is a similar view with the shutters partly open;

Fig. 3 is a similar view with the shutters entirely open;

Fig. 4 is a plan view of a modification; and

Fig. 5 is a plan view of another modification.

Referring to Figs. 1 to 3 the receptacle 1 is preferably closed by an interior cover 2 of any suitable form. On said cover are fitted two covers 3 and 4 pivoted respectively on the edges 5 and 6 thereof and are adapted to fit together along their diagonal edges 7.

The control shutter 3 is provided on its lower surface with a lifting piece 8 forming a projection which fits into a recess 9 formed in the lower surface of the shutter 4. A ribbon 10 is secured to the shutter 3 for manipulation thereof.

When the two shutters are closed as in Fig. 1, for opening the box it suffices to raise the shutter 3 in a slightly abrupt manner by the ribbon 10. During this movement the lifting piece 8 sliding beneath the shutter 4 raises said shutter as shown in Fig. 2 at the same time giving thereto a sufficient push to bring it into a position of complete opening in Fig. 3.

The device in Fig. 4 is the same as that previously described but applied to a cylindrical receptacle 1'. Pivoted on the top of said receptacle 1' are semicylindrical shutters 3' and 4' having their edges joined along a diameter 7'. Shutter 3' carries a lifting piece 8' similar to lifting piece 8 previously described and also carries a ribbon 10' for manipulation thereof. The disposition of the parts is identical to that described in connection with Figs. 1 to 3.

In Fig. 5, the receptacle is in the form of a cube provided with four shutters of isosceles triangular form with their edges joined along the diagonals of the receptacle. Each shutter is pivoted respectively to the four upper edges of the receptacle. The shutter 11 is the control shutter and carries two lifting pieces 12 rigidly secured thereto and engaging beneath the two contiguous shutters 13 and 14. Said shutter 14 in turn controls the shutter 15 by means of a lifting piece 16 engaging therebeneath. For opening this type of receptacle it suffices to rather abruptly draw on the controlling shutter 11 by grasping the ribbon 10. The two members 12 raise the shutters 13 and 14 and the member 16 at the same time raises the shutter 15.

It is to be understood that the accessory arrangements of the various parts of the device such as the manipulating elements in the form of a ribbon might be replaced by a knob or the like, the dimensions, the constituent materials, the number of shutters, the decorating of the receptacle, the colors, the details and means of execution, may be varied without departing from the spirit of my invention as comprehended within the scope of the appended claims.

Having described my invention what I claim as new and desire to secure by Letters Patent is:

1. A receptacle of the type described comprising a box member, four shutters pivoted on the top of said box for closing said box, means on one of said shutters adapted to lift two of said shutters, and means on one of said last mentioned shutters for lifting said remaining shutter, when said first mentioned shutter is lifted.

2. A receptacle of the type described comprising a box member, four shutters pivoted on the top of said box for closing said box, means on one of said shutters underlying two of said shutters, and means on one of said last mentioned shutters underlying said remaining shutter whereby all of said shutters are lifted upon lifting of said first mentioned shutter.

3. A receptacle of the type described comprising a box member, four shutters pivoted on the top of said box for closing said box, means on one of said shutters underlying two of said shutters, a lifting ribbon carried by said first mentioned shutter, and means on one of said last mentioned shutters underlying said remaining shutter whereby all of said shutters are lifted upon drawing upon said ribbon.

4. A receptacle of the type described comprising a box member, four shutters pivoted on the top of said box for closing said box, means for lifting one of said shutters, a pair of projecting lugs on said last mentioned shutter, a corresponding recess for each of said lugs formed respectively in two of the remaining shutters, a second projecting lug carried by one of said last mentioned shutters, and a corresponding recess for said last mentioned lug formed in said remaining shutter whereby all of said shutters are lifted when said first shutter is lifted.

5. A receptacle of the type described comprising a box member, four isosceles triangular complementary shutters pivoted on the top of said box for closing said box, means on one of said shutters adapted to lift two of said shutters, and means on one of said last mentioned shutters for lifting said remaining shutter, when said first mentioned shutter is lifted.

6. A hinged receptacle comprising a rectangular casing and a cover therefor comprising opposed normally abutting triangular sections, each section being hinged to a wall of the casing, one section being provided with a lip normally underlying the second section near the apex of the triangular configuration of the second section and adjacent the hinged connection of the second section with the casing, and the first section being provided with a lifting device, whereby a short upward lift of the first section will impart through the lip a complete swinging and opening movement of the second section lying above it.

JACQUES MAKOWSKY.