

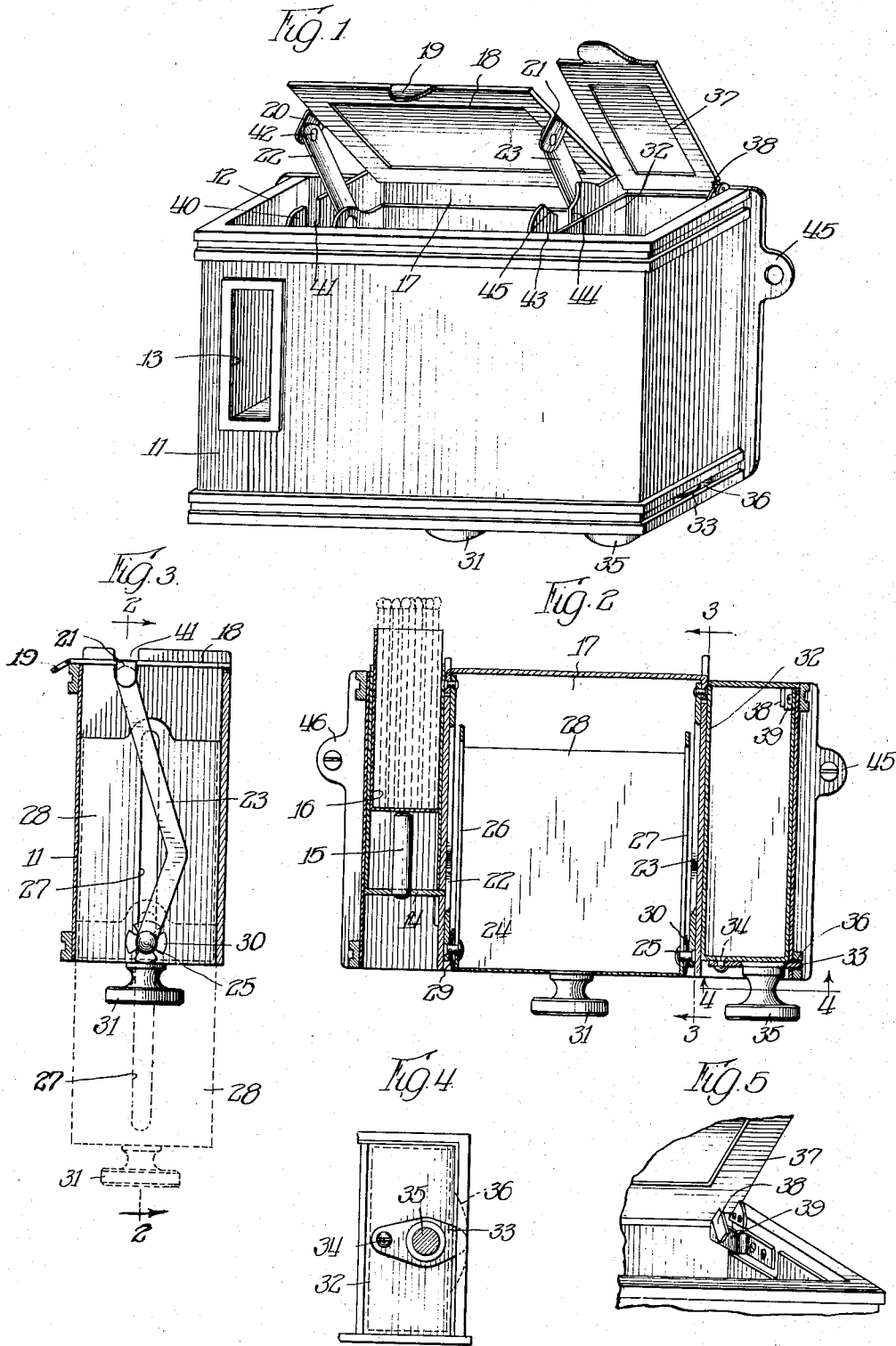
Sept. 1, 1925.

1,551,982

F. H. DOERR

COMBINATION RECEPTACLE

Filed April 26, 1923



Witness:  
P. Burkhardt.

Inventor:  
Fred H. Doerr;  
By Wilkinson, Healey, Byron & Knight  
Attys.

# UNITED STATES PATENT OFFICE.

FRED H. DOERR, OF GRAND RAPIDS, MICHIGAN, ASSIGNOR TO DOERR MANUFACTURING COMPANY, OF GRAND RAPIDS, MICHIGAN, A CORPORATION OF MICHIGAN.

## COMBINATION RECEPTACLE.

Application filed April 26, 1923. Serial No. 634,698.

*To all whom it may concern:*

Be it known that I, FRED H. DOERR, a citizen of the United States, residing at Grand Rapids, in the county of Kent and State of Michigan, have invented certain new and useful Improvements in Combination Receptacles, of which the following is a specification.

This invention relates to a new and improved combination receptacle and more specifically to a receptacle adapted to be used for holding various articles and to be mounted upon the inner wall of an automobile or the like.

It is an object of the present invention to provide a combination receptacle adapted to hold conveniently a plurality of related articles which may be used by the occupants of the vehicle.

It is a further object to provide a construction which is compact, in which the articles are readily accessible and which may be readily dismantled for cleaning.

It is an additional object to provide a construction in which articles may be lifted and maintained in convenient position when the receptacle is open.

It is an additional object to provide a receptacle of this character which is adjustable to contain articles of varying size.

Other and further objects will appear as the description proceeds.

I have illustrated a preferred embodiment of my invention in the accompanying drawings in which:

Figure 1 is a perspective view of the receptacle;

Figure 2 is a section taken on line 2—2 of Figure 3;

Figure 3 is a section taken on line 3—3 of Figure 2;

Figure 4 is a view taken on line 4—4 of Figure 2; and

Figure 5 is a fragmentary perspective showing the lid check construction.

The particular form of receptacle shown is adapted for containing smokers' articles and comprises the main casing 11 which contains three chambers. The chamber 12 is adapted to contain matches and is provided with a lateral opening 13 adapted to expose the portion of the match box which is coated with material for igniting the matches. The base 14 of the chamber 12 is provided with a stud 15 which holds upwardly the

match containing slide 16 of the match box as shown in Figure 2. The stud 15 takes up but a small area and larger types of matches may be inserted in the chamber without being contained in a box.

The second chamber 17 is provided with the hinged lid 18 having the finger piece 19. The lid is provided with the inturned arms 20 and 21 to which are pivotally secured the angular lift links 22 and 23. The lower ends of these links are provided with the rivets 24 and 25 which pass through slots 26 and 27 in the sides of the movable container 28, the heads of the rivets bearing against the inner surface of the container adjacent the slots. The belleville springs 29 and 30 are fitted upon the rivets 24 and 25, the periphery of the springs bearing against the outer surface of the container 28. The bottom of the container 28 is provided with the knob 31.

The third chamber contains the movable receptacle 32 which may be withdrawn from the bottom of the chamber. This container is held in place by means of the latch 33 which is pivoted at 34 to the bottom of the container and is operated by handle 35. The free end of the latch is adapted to cooperate with the slot 36 in the main body of the receptacle. The lid 37 of the third chamber is provided with a downwardly extending lug 38 as shown in Figure 5, this lug cooperating with the spring 39 to maintain the lid in any position to which it may be adjusted.

The partition 40 between the chambers 12 and 17 extends upwardly above the lid 18 covering the chamber 17. The partition 40 is provided with the notch 41 adapted to receive the arm 20 and the rivet 42 which connects arm 20 and link 22 when the lid is closed. The partition 43 between the second and third chambers is provided with similar slot 44 to receive the head of the rivet and the arm 21. The upper portion of this slot is cut away to form a notch adapted to receive and retain against displacement a cigar or cigarette which may be rested upon top 18 with its burning end located above the container 32. In this case the lid 37 of the third chamber will be in the raised position.

The main body of the receptacle is provided with the lugs 45 and 46 extending from its rear wall by means of which it may

be secured to the inner wall of the vehicle. Although the device has been described as being used in automobiles, it is obviously capable of being used in other situations and other locations. If desired, it may be provided with feet or with any usual form of base to adapt it for support upon a desk or table. The particular method of support forms no part of the present invention and such means are well known in the art.

In the use of the receptacle, a box of matches may be placed in the first chamber. The second or intermediate chamber is adapted to receive cigars or cigarettes. This chamber is adjustable as to capacity as is clearly shown in Figure 3. The belleville springs serve to firmly retain the container 28 in adjusted position relative to the links and they are sufficiently yielding to permit his adjustment by pulling down or pushing up the knob 31.

For cigars the container would be used in a lowered position while for cigarettes it would be used in an upper position.

The belleville springs have the additional function of pressing the links 22 and 23 yieldingly against the side walls of the chamber so that the lid 18 and the container and its contents are maintained at any position in which they may be placed by raising or lowering the lid 18 by means of the finger grip 19.

The container 32 is adapted to receive ashes. As has been stated, the lid 37 above this container is maintained in adjusted position by means of lug 38 and spring 39. The container may be readily withdrawn from below by turning the handle 35 sufficiently to clear the nose of the catch 33 from the slot 36.

While these receptacles have been spoken of as containing cigars or cigarettes and ashes it is obvious that the construction may be adapted to other purposes. The various containers may receive calling cards, powder puffs, or other articles. One specific form of construction has been shown by way of illustration but it is my intention to cover all such modifications as come within the scope of the appended claims.

I claim:

1. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and means adjustably connecting the links to the container.

2. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and means adjustably connecting the links to the container, said means compris-

ing pins and slots whereby the normal elevation of the container in the chamber may be varied.

3. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and means adjustably connecting the links to the container, said means comprising pins carried by the links fitting in vertical slots in the container sides whereby the normal elevation of the container in the chamber may be varied.

4. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and means adjustably connecting the links to the container, said means comprising pins carried by the links fitting in vertical slots in the container sides and means frictionally engaging the container whereby the normal elevation of the container in the chamber may be varied.

5. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and means adjustably connecting the links to the container, said means comprising pins carried by the links fitting in vertical slots in the container sides and belleville springs carried by the pin and frictionally engaging the container whereby the normal elevation of the container in the chamber may be varied.

6. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and means yieldingly urging the links into engagement with the sides of the chamber whereby the container and lid are maintained in adjusted position.

7. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, and belleville springs fitted between the links and container sides and yieldingly urging the links into engagement with the sides of the chamber whereby the container and lid are maintained in adjusted position.

8. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, links connecting the lid and container whereby the latter is elevated upon raising the lid, means adjustably connecting the links to the container, the bottom of the

70

75

80

85

90

95

100

105

110

115

120

125

130

chamber being open and a downwardly extending knob fitted upon the container whereby it may be adjusted.

9. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, the bottom of the chamber being open and a latch carried upon the bottom of the container and adapted to engage the casing to maintain the container in place.

10. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, a container fitted in said chamber, the bottom of the chamber being open, a latch carried upon the bottom of the container and adapted to engage the casing to maintain the container in place and a knob upon the latch whereby the latch may be operated and the container removed.

11. A receptacle comprising a main casing, a chamber formed therein, a lid for said chamber, means carried by the lid and casing for frictionally maintaining the lid in adjusted position, a container fitted in said chamber, the bottom of the chamber being

open, a latch carried upon the bottom of the container and adapted to engage the casing to maintain the container in place and a knob upon the latch whereby the latch may be operated and the container removed.

12. A combination receptacle comprising a main casing, partitions dividing the casing into a plurality of chambers, lids for certain of said chambers, the partitions extending above the lids, and notches in certain of said partitions adapted to act as detents for articles placed on the lids.

13. A combination receptacle comprising a main casing, partitions dividing the casing into a plurality of chambers, lids for certain of said chambers, the partitions extending above the lids, notches in certain of said partitions adapted to act as detents for articles placed on the lids, and means adapted to maintain certain of said lids in open adjusted position.

Signed at Grand Rapids, Michigan, this 23d day of April, 1923.

FRED H. DOERR.